

Products

We are OneEightyOne

oneeightyone.com



Nice to meet you!

OneEightyOne is a dynamic LED lighting company. We dare to say that we are one of the most creative, capable and reliable partners in the industry.

It is our mission to push the boundaries of what lighting can do. With our creative customizations, plug & play solutions and our extensive range of smart LED products, we always offer a unique and dynamic lighting experience.

The name 'OneEightyOne' honors the elusive light colour 181 which Stefan used at parties. Ironically, this blue-purple is one of the hardest colors to create using LED light...



Offices

- ✓ Amsterdam
- ✓ London
- ✓ Dubai
- ✓ Hong Kong

Markets

- ✓ Architectural
- ✓ Entertainment
- ✓ Hospitality
- ✓ Offices
- ✓ Retail

Focus

- ✓ Dynamic Lighting
- ✓ Facade Lighting
- ✓ Controls
- ✓ Custom Projects



Lightly obsessed with light

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- Linear G36 Tunable White
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- Linear G54 Multi Color
- Linear G54 Tunable White
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- Beam F12 Multi Color
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- Beam F120 White

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- Linear Soft Line White
- Linear Window Multi Color
- Linear Window Tunable White
- Linear Window White
- Linear Flex Multi Color
- Linear Flex Tunable White
- Linear Flex White
- Linear Inground Multi Color
- Linear Inground Tunable White
- Linear Inground White
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- Linear Inground Flex White

Accessories

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A Triumph of Geometry

A perfectly cut gemstone, the new HB Tower stands with a humble pride in the Yas Marina of Abu Dhabi. In the night, its façade resists the darkness with bold angular shapes and sterling composure. The outstanding precision of dynamic effects follows the geometry of the architecture, revealing the unique superpower of pixel-controlled contour lighting.



HB Offices



Developer: ALDAR Properties
Architect: Broadway Malyan
Consultant: AECOM Middle East Limited
Main Contractor: Arabian Construction Company
Supplied by: Huda Lighting

DiGi Linear V-Series

Created out of love for architecture, the V-Series refines features hidden in the dark of the night. It can confidently take on a creative challenge, from subtle gradients to bold visual effects. The fine pixel pitch offers smooth, uniform output for precise control and color depth. It brings projects an entirely new dimension with ease and expertise.

DiGi Linears



181

DiGi Linear D-Series 2

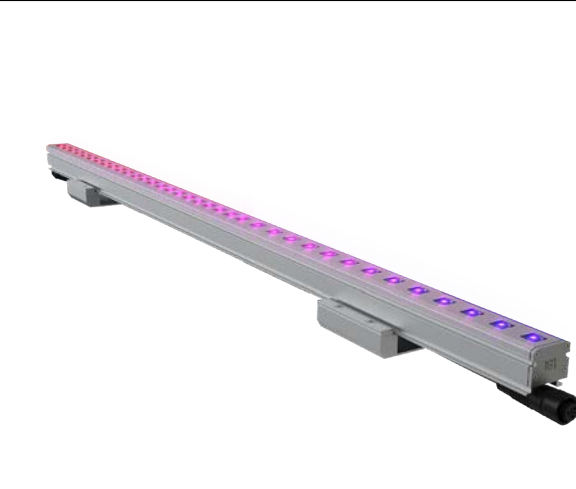
Multi Color RGBW

181

The DiGi Linear D-Series 2 delivers next-generation linear LED performance engineered for demanding architectural landmarks, commercial spaces, and challenging outdoor environments including coastal installations.

This fixture combines great lumen output with advanced LED density, designed for professional applications requiring superior light quality, extended data transmission, and reliability in harsh conditions.

- Enhanced LED Architecture – 40 LEDs/m density delivering outstanding output with superior RGBW color mixing.
- Extended Data Performance – Delivers industry-leading 25-meter data transmission at 50 FPS to ensure seamless large-scale installation control.



CE

RoHS

IP68

IK08

Specifications

General		
Power Consumption (W/900mm)	18	
Input Voltage (V DC)	48	
LEDs (/900mm)	36	
Pixels (/900mm)	36	
Pixel Pitch (mm)	25	
Channels (/900mm)	144	
Beam Angle (°)	115	
LED Type	4in1	
Color Range	RGBW	
CRI	≥80	
Control	SPI	
Dimming	16 bit	

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey RAL7047 (Custom on Request)	
Cable Color	Black	
Connector Type	M16 5Pin	
Weight (kg)	300mm	0,3
	600mm	0,6
	900mm	0,9
	1200mm	1,2
	1500mm	1,5
Dimensions WxH (mm)	24 x 24	

Options

Color/CCT	
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K

Length	
<input type="checkbox"/>	300mm
<input type="checkbox"/>	600mm
<input type="checkbox"/>	900mm
<input type="checkbox"/>	1200mm
<input type="checkbox"/>	1500mm

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +90
Working Temperature (°C)	-20 to +85
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Warranty	5 Years

DiGi Linear E-Series 2

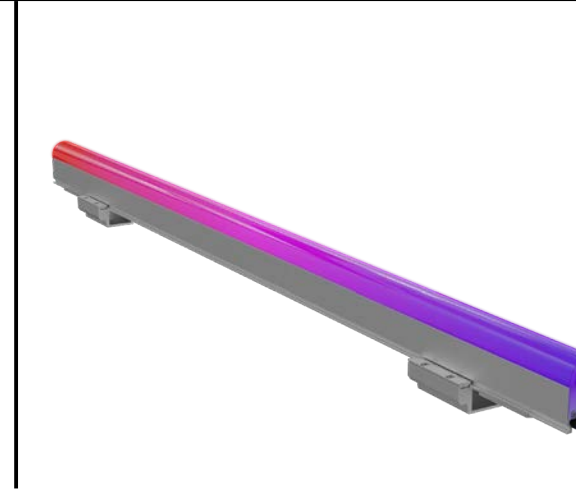
Multi Color RGBW

181

The DiGi Linear E-Series 2 delivers high output pixel control for dynamic architectural accents, media facades, and entertainment installations. It offers smooth and uniform visuals for mapped effects, gradients and low-detail content at viewing distance.

Engineered with lightweight aluminum construction and comprehensive IP68 protection, the E-Series 2 is built for demanding outdoor use with uncompromising reliability.

- Precision and Continuity – Crisp color, balanced white tones and elegant light continuity.
- Extended Data Performance – Delivers industry-leading 75-meter data transmission at 50 FPS to ensure seamless large-scale installation control.



CE

RoHS

IP68

IK08

Specifications

General		
Power Consumption (W/900mm)	18	
Input Voltage (V DC)	48	
LEDs (/900 mm)	60	
Pixels (/900 mm)	12	
Pixel Pitch (mm)	75	
Channels (/900 mm)	48	
Beam Angle (°)	Dome, Square	140
	Tube	170
LED Type	4in1	
Color Range	RGBW	
CRI	≥80	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Maximum Run Length Power ¹ (m)	20	
Maximum Run Length Data ¹ (m)	@50fps	Up to 75
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)	1260 (RGBW3000K 1500mm Dome)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +90
Working Temperature (°C)	-20 to +85
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Warranty	5 Years

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey RAL7047 (Custom on Request)	
Cable Color	Black	
Connector Type	M16 5Pin	
Weight (kg)	300mm	
	600mm	
	900mm	
	1200mm	
	1500mm	
Dimensions WxH (mm)	Dome, Square	30 x 48
	Tube	50 x 78

Options

Color/CCT	
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K

Length	
<input type="checkbox"/>	300mm
<input type="checkbox"/>	600mm
<input type="checkbox"/>	900mm
<input type="checkbox"/>	1200mm
<input type="checkbox"/>	1500mm

Accessories	
<input type="checkbox"/>	Dome Cover
<input type="checkbox"/>	Tube Cover
<input type="checkbox"/>	Square Cover

DiGi Linear M-Series

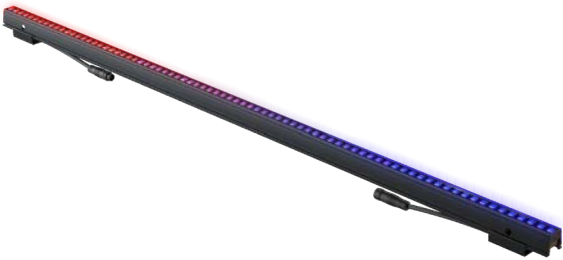
Multi Color RGB

181

The DiGi Linear M-Series is a touring-ready RGB linear. It delivers vibrant, precise color with SPI control for smooth mixing and dynamic effects across stages, set pieces, truss lines, and temporary façades.

A rugged build with weather-ready protection supports indoor & outdoor deployments, while flexible mounting and cabling streamline fast load-ins, changeovers, and tear-downs—ideal for entertainment and broadcast environments.

- High-Efficiency RGB 3 in 1 LED – SPI control for precise color mixing and dynamic effects.
- Premium Environmental Protection – Aluminum construction with IP65/IK07 rating for reliable indoor/outdoor performance in demanding conditions.



CERoHSIP65IK07

Specifications

General		
Power Consumption (W/m)	15	
Input Voltage (V DC)	24	
LEDs (/m)	72	
Pixels (/m)	12	
Pixel Pitch (mm)	83,2	
Channels (/m)	36	
Beam Angle (°)	110	
LED Type	3in1	
Color Range	RGB	
Control	SPI	
Dimming	8 bit	

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Black (Custom on Request)	
Cable Color	Black	
Connector Type	M12 3Pin	
Weight (kg)	500mm	0,4
	1000mm	0,8
	2000mm	1,6
Dimensions WxH (mm)	30 x 28,5	

Options

Length	
<input type="checkbox"/> 500mm	
<input type="checkbox"/> 1000mm	
<input type="checkbox"/> 2000mm	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +65
Working Temperature (°C)	-20 to +55
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP65
Certification	CE, RoHS
Warranty	3 Years

DiGi Linear V-Series

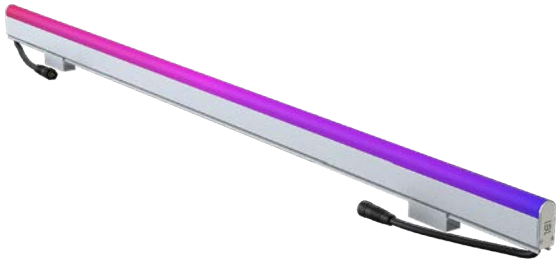
Multi Color RGBW

181

The DiGi Linear V-Series delivers high-resolution pixel control for dynamic architectural displays, media facades, and entertainment installations requiring precise individual LED addressability. This advanced 48V fixture features an ultra-tight pixel pitch, offering exceptional resolution for detailed graphics and smooth RGBW color transitions.

Engineered with lightweight aluminum construction and comprehensive IP67 protection, the V-Series provides reliable performance for demanding outdoor installations.

- High-Resolution Pixel – 16.67mm pixel pitch with 60 individually controllable pixels per meter for detailed graphics and smooth transitions.
- Wide-Angle Coverage – Expansive 150° beam angle availability with lightweight aluminum construction for versatile installation applications.



CERoHSIP67IK08

Specifications

General		
Power Consumption (W/900mm)	15	
Input Voltage (V DC)	48	
LEDs (/900mm)	54 + 54	
Pixels (/900mm)	54	
Pixel Pitch (mm)	16,67	
Channels (/900mm)	216	
Beam Angle (°)	Flat	95
	Dome, Square	150
LED Type	3in1 + Discrete	
Color Range	RGBW	
ORI	≥80	
Control	SPI	
Dimming	8 bit	

Installation Conditions & Lighting Data			
Maximum Run Length Power ¹ (m)	23		
Maximum Run Length Data ¹ (m)	@30fps	5,7	
	@50fps	3,6	
Maximum Leader Cable Length ¹ (m)	Up to 20		
Delivered Lumen Full RGBW (lm)	449 (RGBW2700K 1500mm Dome Opal)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000		

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +65
Working Temperature (°C)	-20 to +55
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey (default) / Black / White	
Cable Color	Black	
Connector Type	M12 3Pin	
Weight (kg)	300mm	0,3
	600mm	0,55
	900mm	0,8
	1200mm	1,2
	1500mm	1,4
Dimensions WxH (mm)	Flat	32 x 18,3
	Dome, Square	46 x 18,3

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	

Length	
<input type="checkbox"/> 300mm	
<input type="checkbox"/> 600mm	
<input type="checkbox"/> 900mm	
<input type="checkbox"/> 1200mm	
<input type="checkbox"/> 1500mm	

Covers	
<input type="checkbox"/> Flat Opal	
<input type="checkbox"/> Flat Transparent	
<input type="checkbox"/> Dome Opal	
<input type="checkbox"/> Square Opal	

DiGi Linear V-Series

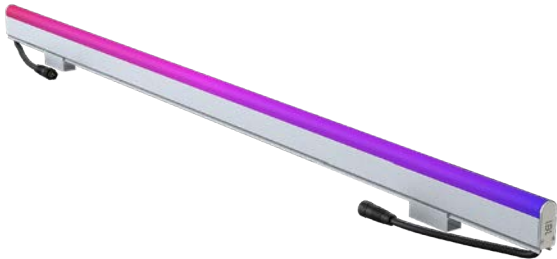
Multi Color RGB

181

The DiGi Linear V-Series delivers high-resolution pixel control for dynamic architectural displays, media facades, and entertainment installations requiring precise individual LED addressability. This advanced 48V fixture features an ultra-tight pixel pitch, offering exceptional resolution for detailed graphics and smooth RGB color transitions.

Engineered with lightweight aluminum construction and comprehensive IP67 protection, the V-Series provides reliable performance for demanding outdoor installations.

- High-Resolution Pixel – 16.67mm pixel pitch with 60 individually controllable pixels per meter for detailed graphics and smooth transitions.
- Wide-Angle Coverage – Expansive 150° beam angle availability with lightweight aluminum construction for versatile installation applications.



CE

RoHS

IP67

IK08

Specifications

General		
Power Consumption (W/900mm)	12	
Input Voltage (V DC)	48	
LEDs (/900mm)	54	
Pixels (/900mm)	54	
Pixel Pitch (mm)	16,67	
Channels (/900mm)	162	
Beam Angle (°)	Flat	95
	Dome, Square	150
LED Type	3in1	
Color Range	RGB	
CRI	≥80	
Control	SPI	
Dimming	8 bit	

Physical			
Housing Material	Aluminum (AW-6063)		
Cable Material	PCP		
Connector Material	Nylon (PA66)		
Cover Material	PC		
Housing Color	Grey (default) / Black / White		
Cable Color	Black		
Connector Type	M12 3Pin		
	300mm	0,3	
	600mm	0,55	
	900mm	0,8	
	1200mm	1,2	
Weight (kg)	1500mm	1,4	
	Flat	32 x 18,3	
	Dome, Square	46 x 18,3	
Dimensions WxH (mm)			

Options

Length

- ☐ 300mm
- ☐ 600mm
- ☐ 900mm
- ☐ 1200mm
- ☐ 1500mm

Covers

- ☐ Flat Opal
- ☐ Flat Transparent
- ☐ Dome Opal
- ☐ Square Opal

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +65
Working Temperature (°C)	-20 to +55
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

DiGi Linear V-Series

Tunable White

181

The DiGi Linear V-Series delivers high-resolution pixel control for dynamic architectural accents, media facades, and entertainment installations requiring precise individual LED addressability. This advanced 48V fixture features an ultra-tight pixel pitch, offering exceptional resolution for detailed graphics and smooth Tunable White transitions.

Engineered with lightweight aluminum construction and comprehensive IP67 protection, the V-Series provides reliable performance for demanding outdoor installations.

- High-Resolution Pixel – 16.67mm pixel pitch with 60 individually controllable pixels per meter for detailed graphics and smooth transitions.
- Wide-Angle Coverage – Expansive 150° beam angle availability with lightweight aluminum construction for versatile installation applications.



CE

RoHS

IP67

IK08

Specifications

General		
Power Consumption (W/900mm)	15	
Input Voltage (V DC)	48	
LEDs (/900mm)	54 + 54	
Pixels (/900mm)	54	
Pixel Pitch (mm)	16,67	
Channels (/900mm)	162	
Beam Angle (°)	Flat	95
	Dome, Square	150
LED Type	Discrete	
Color Range	Tunable White	
CRI	≥80	
Control	SPI	
Dimming	8 bit	

Installation Conditions & Lighting Data		
Maximum Run Length Power ¹ (m)	23	
Maximum Run Length Data ¹ (m)	@30fps	7,6
	@50fps	4,7
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +65
Working Temperature (°C)	-20 to +55
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey (default) / Black / White	
Cable Color	Black	
Connector Type	M12 3Pin	
	300mm	0,3
	600mm	0,55
	900mm	0,8
	1200mm	1,2
Weight (kg)	1500mm	1,4
	Flat	32 x 18,3
	Dome, Square	46 x 18,3
Dimensions WxH (mm)		

Options

Color/CCT

- ☐ 2700-5700K

Length

- ☐ 300mm
- ☐ 600mm
- ☐ 900mm
- ☐ 1200mm
- ☐ 1500mm

Covers

- ☐ Flat Opal
- ☐ Flat Transparent
- ☐ Dome Opal
- ☐ Square Opal

The New Urban Expression

Created in collaboration Lacasa Architects, the Rostamani complex manifests the new standard of modern residential living. Light is no longer just a functional tool, but a defining force in shaping contemporary urban identity. Carefully illuminated throughout, tracing its curves, defining the façade, and highlighting every turn – it echoes the forward-thinking details of modern architecture.



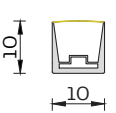
Client: Al Rostamani Group
Design & consultancy: Lacasa Architects
Partners: Modern Lighting

The DiGi Neonflex RGBW

A perfect match for outdoor projects with complex forms, the DiGi Neonflex truly transcends the limitations of conventional pixel lighting control. Engineered for creative freedom, it allows you to configure with ultimate precision. Find the ideal balance between detailed visual expression, system efficiency and adaptability for your next lighting design with the DiGi Neonflex.

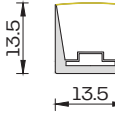
Rostamani Tower

Neonflex Dimensions & Accesories181



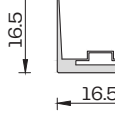
1010 Top Bend

Straight Profile
Clip Profile
Straight Profile Transparent
Curved Profile



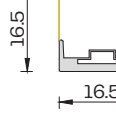
1313 Top Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Curved Profile
Curved Profile Cable Duct



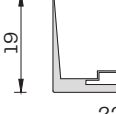
1616 Top Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Straight Profile Recessed
Straight Profile Transparent
Curved Profile
Recessed Profile End Cap



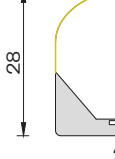
1717 Top Bend

Straight Profile
Clip Profile
Straight Profile Transparent



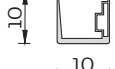
2219 Top Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Curved Profile



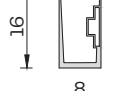
3027 Top Bend

Straight Profile
Clip Profile
Curved Profile



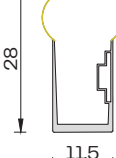
1010 Side Bend

Straight Profile
Clip Profile
Curved Profile
Straight Profile Transparent



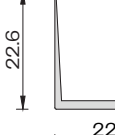
0816 Side Bend

Straight Profile
Clip Profile



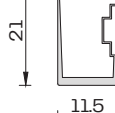
1128 Side Bend

Straight Profile
Clip Profile
Straight Profile Transparent
Straight Profile Cable Duct
Curved Profile



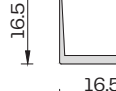
2222 Side Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Curved Profile



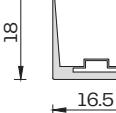
1121 Side Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Straight Profile Transparent
Curved Profile



1616 Side Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Straight Profile Transparent
Straight Profile Recessed
Curved Profile
Curved Profile Cable Duct
Recessed Profile End Cap



1618 Dual Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Straight Profile Recessed
Straight Profile Transparent
Curved Profile
Curved Profile Cable Duct
Flex Profile
Recessed Profile End Cap

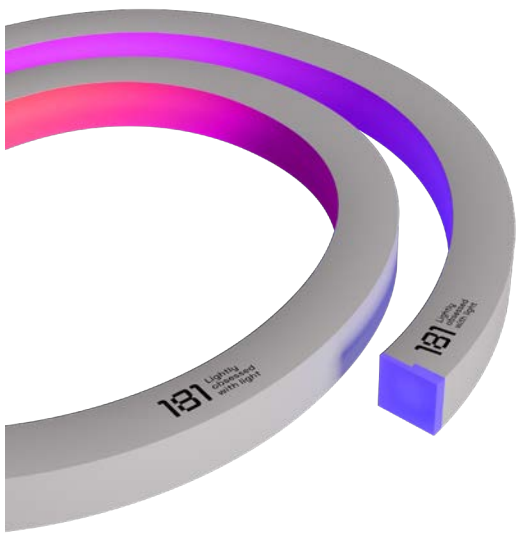
DiGi Neonflex Top Bend Multi Color RGBW 48V181

The DiGi Neonflex Top Bend Multi Color RGBW 48V is a flexible linear lighting solution for clean, continuous lines of dynamic RGBW lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The Neonflex Top Bend Multi Color RGBW is perfect for dynamic lighting schemes with high-quality RGBW lighting.

↘ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.

↘ Pixel-Perfect Dynamics – Individual RGBW control creates seamless color flows and animated sequences, from gentle color washes to bold effects.



CE RoHS UL IP68 IK08

Specifications

General		
Power Consumption (W/m)	20	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Channels (/m)	24	
Color Range	RGBW	
Beam Angle (°)	1616	120
	1717	210
	3027	270
	2219	120
	2219	120
CRI	≥80, ≥90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
	2219	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16.5 x 16.5
	1717	16.5 x 16.5
	3027	30 x 28
	2219	22 x 19
	2219	22 x 19

Options

Color/CCT	
<input type="checkbox"/>	RGBW2700K
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K
<input type="checkbox"/>	RGBW5000K

DiGi Neonflex Top Bend

Multi Color RGBW 24V

181

The DiGi Neonflex Top Bend Multi Color RGBW 24V is a flexible linear lighting solution for clean, continuous lines of dynamic RGBW lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The Neonflex Top Bend Multi Color RGBW is perfect for dynamic lighting schemes with high-quality RGBW lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Pixel-Perfect Dynamics – Individual RGBW control creates seamless color flows and animated sequences, from gentle color washes to bold effects.

CE

RoHS

UL

IP68

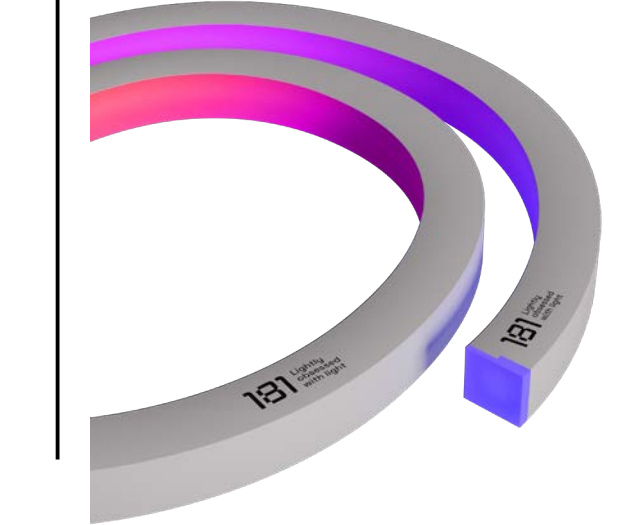
IK08

Specifications

General		
Power Consumption (W/m)	1313	22
	1616/1717	18
	3027/2219	
Input Voltage (V DC)	24	
LEDs (/m)	1313	84
	1616/1717	70
	3027/2219	
LED Pitch (mm)	1313	11,90
	1616/1717	14,29
	3027/2219	
Pixels (/m)	1313	12
	1616/1717	10
	3027/2219	
Color Range	RGBW	
Beam Angle (°)	1313/1616/2219	120
	1717	210
	3027	270
CRI	≥80, ≥90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	1313	83,3
	1616/1717	100
	3027/2219	
Bending Radius (mm)	1313	80
	1616/1717	120
	3027/2219	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes



IK Rating	IK08
IP Rating	IP68
Certification	RoHS/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical			
Housing Material	Silicon		
Cover Material	Silicon		
Connector Material	Nylon (PA66)		
Housing Color	White		
Cable Color	Black		
Connector Type	Bare Wire/M12		
Weight (kg/m)	13/13	0,40	
	1616/1717	0,45	
	3027/ 2219	0,60	
Dimensions WxH (mm)	1313	13.5 x 13.5	
	1616/1717	16.5 x 16.5	
	3027	30 x 28	
	2219	22 x 19	

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	
Control	
<input type="checkbox"/> SPI	
<input type="checkbox"/> DMX	

DiGi Neonflex Top Bend

Multi Color RGB 48V

181

The DiGi Neonflex Top Bend Multi Color RGB 48V is a flexible linear lighting solution for clean, continuous lines of dynamic RGB lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend Multi Color RGB is perfect for dynamic lighting schemes with high-quality RGB lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Pixel-Perfect Dynamics – Individual RGB control creates seamless color flows and animated sequences, from gentle color washes to bold effects.

CE

RoHS

UL

IP68

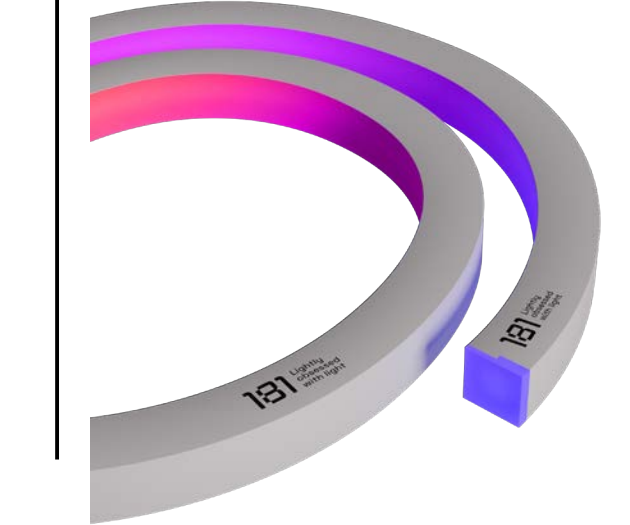
IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Color Range	RGB	
Beam Angle (°)	1616	120
	1717	210
	3027	270
	2219	120
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHS/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16.5 x 16.5
	1717	16.5 x 16.5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT	
<input type="checkbox"/> RGB	

DiGi Neonflex Top Bend

Multi Color RGB 24V

181

The DiGi Neonflex Top Bend Multi Color RGB 24V is a flexible linear lighting solution for clean, continuous lines of dynamic RGB lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend Multi Color RGB is perfect for dynamic lighting schemes with high-quality RGB lighting.

➤ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.

➤ Pixel-Perfect Dynamics – Individual RGB control creates seamless color flows and animated sequences, from gentle color washes to bold effects.

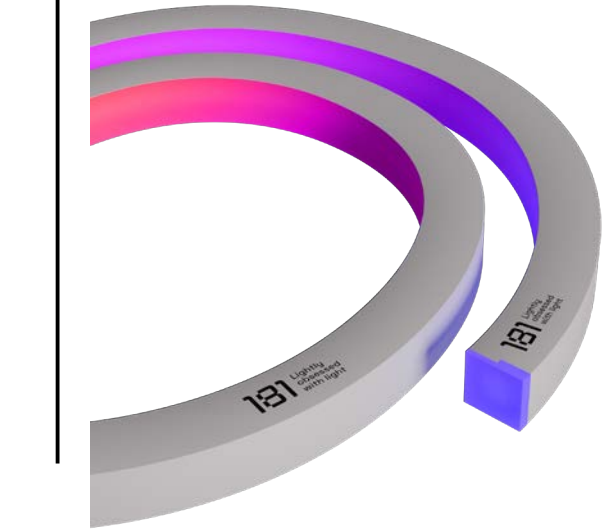
CERoHSULIP68IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
Color Range	RGB	
Beam Angle (°)	1616	120
	1717	210
	3027	270
	2219	120
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT

☐ RGB

Control

☐ SPI

☐ DMX

DiGi Neonflex Top Bend

Tunable White 48V

181

The DiGi Neonflex Top Bend Tunable White 48V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend Tunable White is perfect for a dynamic lighting scheme with high-quality light and tunable tones of white lighting.

➤ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.

➤ Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.

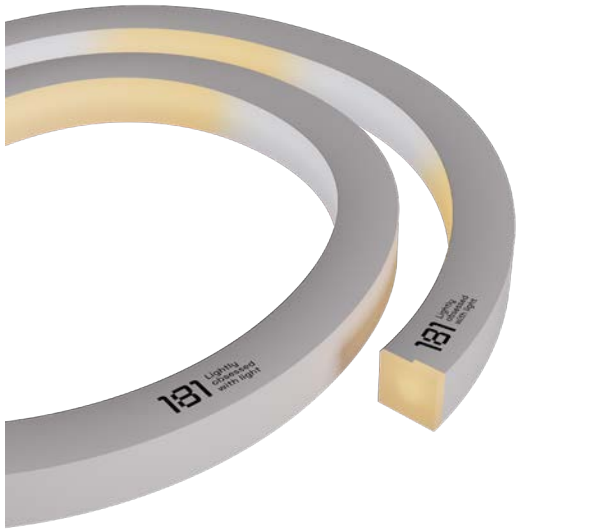
CERoHSULIP68IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Channels (/m)	18	
Color Range	Tunable White	
Beam Angle (°)	1616	120
	1717	210
	3027	270
	2219	120
CRI	≥80, ≥90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT

☐ 2200K-5700K

☐ 2700K-5700K

☐ 3000K-5700K

DiGi Neonflex Top Bend

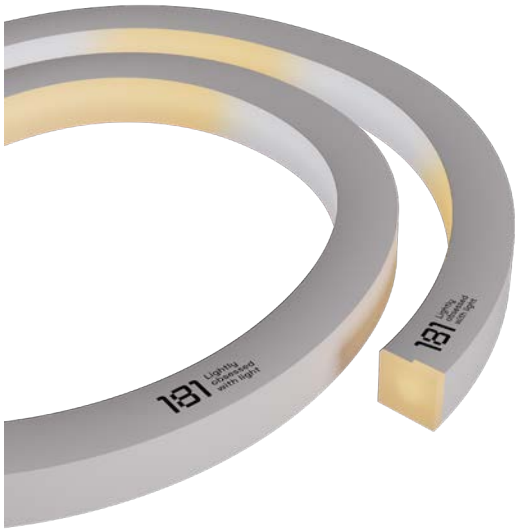
Tunable White 24V

181

The DiGi Neonflex Top Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend Tunable White is perfect for a dynamic lighting scheme with high-quality light and tunable tones of white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

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IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
Color Range	Tunable White	
Beam Angle (°)	1616	120
	1717	120
	3027	270
	2219	120
CRI	≥80, ≥90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16.5 x 16.5
	1717	16.5 x 16.5
	3027	30 x 28
	2219	22 x 19
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> 2200K-5700K
<input type="checkbox"/> 2700K-5700K
<input type="checkbox"/> 3000K-5700K

Control
<input type="checkbox"/> SPI
<input type="checkbox"/> DMX

DiGi Neonflex Top Bend

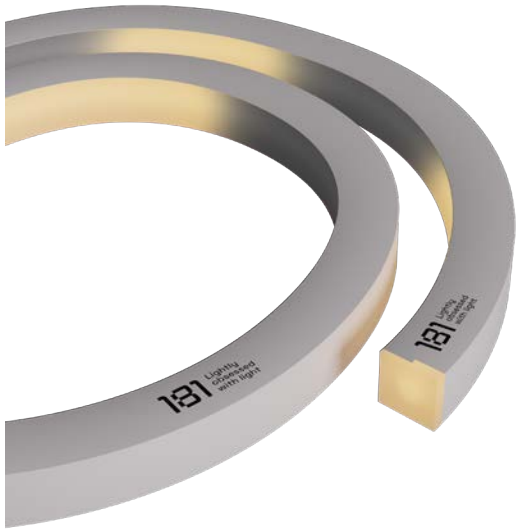
White 48V

181

The DiGi Neonflex Top Bend White 48V is a flexible linear lighting solution for clean, continuous lines of dynamic white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend White is perfect for a lighting scheme with high-quality dynamic white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Channels (/m)	18	
Color Range	White	
Beam Angle (°)	1616	120
	1717	120
	3027	270
	2219	120
CRI	≥80, ≥90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16.5 x 16.5
	1717	16.5 x 16.5
	3027	30 x 28
	2219	22 x 19
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> 2200K
<input type="checkbox"/> 2700K
<input type="checkbox"/> 3000K
<input type="checkbox"/> 3500K
<input type="checkbox"/> 4000K
<input type="checkbox"/> 4500K
<input type="checkbox"/> 5000K
<input type="checkbox"/> 6500K

DiGi Neonflex Top Bend

White 24V

181

The DiGi Neonflex Top Bend White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic white lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Top Bend White is perfect for a lighting scheme with high-quality dynamic white lighting.

- ↳ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ↳ Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.

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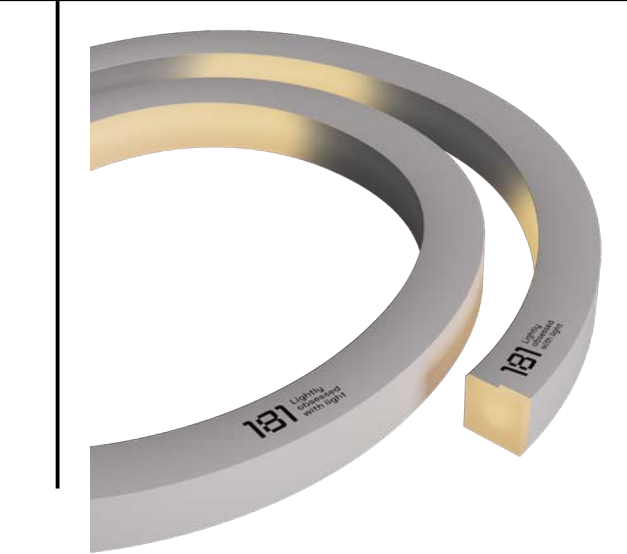
IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
Color Range	White	
Beam Angle (°)	1616	120
	1717	120
	3027	270
	2219	120
CRI	≥80, ≥90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1616	120
	1717	120
	3027	400
	2219	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT	
<input type="checkbox"/>	2200K
<input type="checkbox"/>	2700K
<input type="checkbox"/>	3000K
<input type="checkbox"/>	3500K
<input type="checkbox"/>	4000K
<input type="checkbox"/>	4500K
<input type="checkbox"/>	5000K
<input type="checkbox"/>	6500K
Control	
<input type="checkbox"/>	SPI
<input type="checkbox"/>	DMX

DiGi Neonflex Side Bend

Multi Color RGBW 48V

181

The DiGi Neonflex Side Bend Multi Color RGBW 48V is a flexible linear lighting solution for clean, continuous lines of dynamic RGBW lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Multi Color RGBW is perfect for dynamic lighting schemes with high-quality RGBW lighting.

- ↳ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ↳ Precise Dynamic Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.

CE

RoHS

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IP68

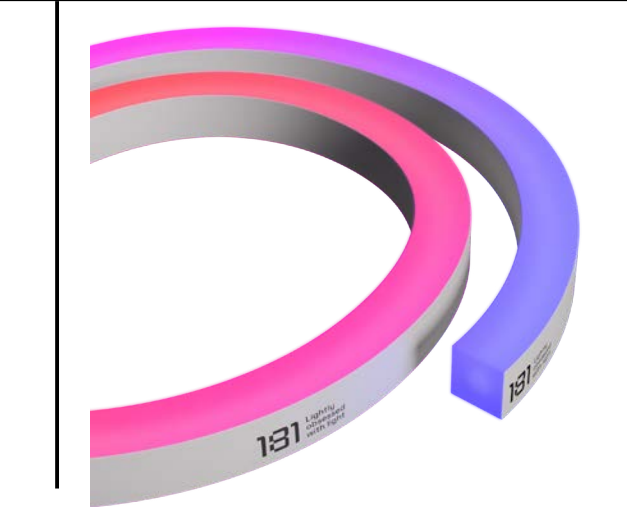
IK08

Specifications

General		
Power Consumption (W/m)	20	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Channels (/m)	24	
LEDs (/segment)	14	
Color Range	RGBW	
	1121	120
	1616	120
	1128	270
Beam Angle (°)	2222	120
	1121	120
	1616	120
	1128	270
CRI	≥80, ≥90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/>	RGBW2700K
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K
<input type="checkbox"/>	RGBW5000K

DiGi Neonflex Side Bend

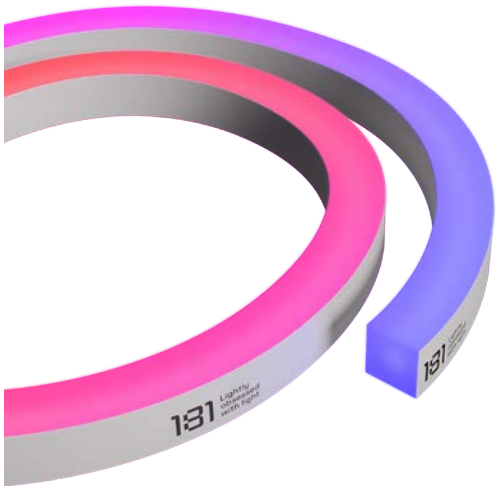
Multi Color RGBW 24V

181

The DiGi Neonflex Side Bend Multi Color RGBW 24V is a flexible linear lighting solution for clean, continuous lines of dynamic RGBW lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Multi Color RGBW is perfect for dynamic lighting schemes with high-quality RGBW lighting.

- ✚ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ✚ Precise Dynamic Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	18	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	40	
LEDs (/segment)	7	
Color Range	RGBW	
Beam Angle (°)	1121	120
	1616	120
	1128	270
	2222	120
CRI	≥80, ≥90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical			
Housing Material	Silicon		
Cover Material	Silicon		
Connector Material	Nylon (PA66)		
Housing Color	White		
Cable Color	Black		
Connector Type	Bare Wire/M12		
Weight (kg/m)	1121	0,45	
	1616	0,45	
	1128	0,55	
	2222	0,60	
Dimensions WxH (mm)	1121	11,5 x 21	
	1616	16,5 x 16,5	
	1128	11,5 x 28	
	2222	22,4 x 22,6	

Options

Color/CCT

☐ RGBW2700K

☐ RGBW3000K

☐ RGBW4000K

☐ RGBW5000K

Control

☐ SPI

☐ DMX

DiGi Neonflex Side Bend

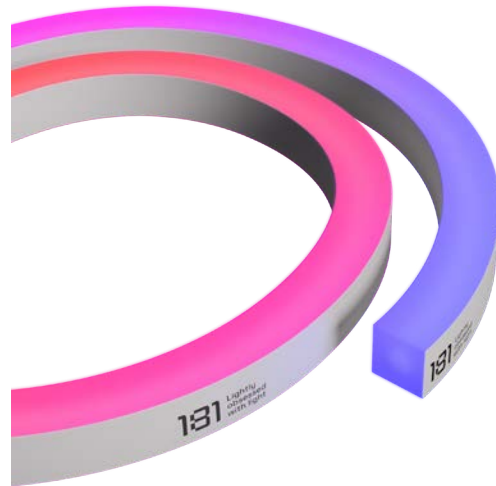
Multi Color RGB 48V

181

The DiGi Neonflex Side Bend Multi Color RGB 48V is a flexible linear lighting solution for clean, continuous lines of dynamic RGB lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Multi Color RGB is perfect for dynamic lighting schemes with high-quality RGB lighting.

- ✚ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ✚ Precise Dynamic Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	1121/ 1616	17
	1128/2222	15
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Pixels (/m)	6	
Channels (/m)	18	
LEDs (/segment)	14	
Color Range	RGB	
Beam Angle (°)	1121	120
	1616	120
	1128	270
	2222	120
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical			
Housing Material	Silicon		
Cover Material	Silicon		
Connector Material	Nylon (PA66)		
Housing Color	White		
Cable Color	Black		
Connector Type	Bare Wire/M12		
Weight (kg/m)	1121	0,45	
	1616	0,45	
	1128	0,55	
	2222	0,60	
Dimensions WxH (mm)	1121	11,5 x 21	
	1616	16,5 x 16,5	
	1128	11,5 x 28	
	2222	22,4 x 22,6	

Options

Color/CCT

☐ RGB

DiGi Neonflex Side Bend

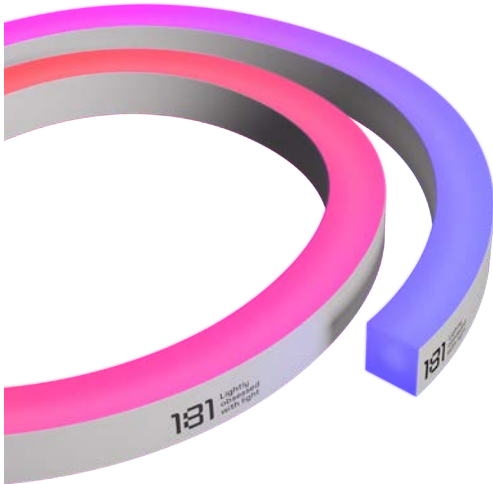
Multi Color RGB 24V

181

The DiGi Neonflex Side Bend Multi Color RGB 24V is a flexible linear lighting solution for clean, continuous lines of dynamic RGB lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Multi Color RGB is perfect for dynamic lighting schemes with high-quality RGB lighting.

- ✚ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ✚ Precise Dynamic Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
LEDs (/segment)	7	
Color Range	RGB	
	1121	120
	1616	120
	1128	270
	2222	120
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
	1121	11,5 x 21
Dimensions WxH (mm)	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT

☐ RGB

Control

☐ SPI

☐ DMX

DiGi Neonflex Side Bend

Tunable White 48V

181

The DiGi Neonflex Side Bend Tunable White 48V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Tunable White is perfect for a dynamic lighting scheme with high-quality light and tunable tones of white lighting.

- ✚ Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- ✚ Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,9	
Pixels (/m)	6	
Channels (/m)	18	
LEDs (/segment)	14	
Color Range	Tunable White	
	1121	120
	1616	120
	1128	270
	2222	120
CRI	≈80, ≈90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
	1121	11,5 x 21
Dimensions WxH (mm)	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT

☐ 2200K-5700K

☐ 2700K-5700K

☐ 2300K-5700K

DiGi Neonflex Side Bend

Tunable White 24V

181

The DiGi Neonflex Side Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic tunable white lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend Tunable White is perfect for a dynamic lighting scheme with high-quality light and tunable tones of white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
LEDs (/segment)	7	
Color Range	Tunable White	
Beam Angle (°)	1121	120
	1616	120
	1128	270
	2222	120
CRI	≈80, ≈90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT
<input type="checkbox"/> 2200K–5700K
<input type="checkbox"/> 2700K–5700K
<input type="checkbox"/> 2300K–5700K
Control
<input type="checkbox"/> SPI
<input type="checkbox"/> DMX

DiGi Neonflex Side Bend

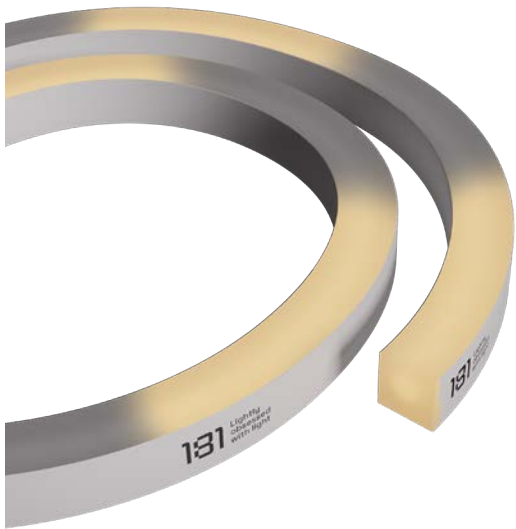
White 48V

181

The DiGi Neonflex Side Bend White 48V is a flexible linear lighting solution for clean, continuous lines of dynamic white lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend White is perfect for a lighting scheme with high-quality dynamic white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.



CE

RoHS

UL

IP68

IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,9	
Pixels (/m)	6	
Channels (/m)	18	
LEDs (/segment)	14	
Color Range	White	
Beam Angle (°)	1121	120
	1616	120
	1128	270
	2222	120
CRI	≈80, ≈90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT

☐ 2200K

☐ 2700K

☐ 3000K

☐ 3500K

☐ 4000K

☐ 4500K

☐ 5000K

☐ 6500K

DiGi Neonflex Side Bend

White 24V

181

The DiGi Neonflex Side Bend White 24V is a flexible linear lighting solution for clean, continuous lines of dynamic white lighting in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring lateral bending. The DiGi Neonflex Side Bend White is perfect for a lighting scheme with high-quality dynamic white lighting.

- Application-Driven Format – Multiple shapes and sizes enable seamless integration into both compact and large-scale architectural elements.
- Precise White Effects – From subtle fades to sweeping movement, pixel-controlled white lighting brings dynamic expression to static tones.

CE

RoHS

UL

IP68

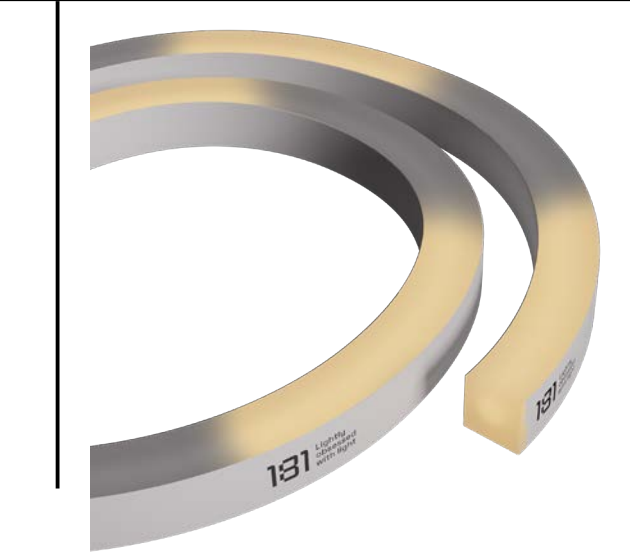
IK08

Specifications

General		
Power Consumption (W/m)	14	
Input Voltage (V DC)	24	
LEDs (/m)	70	
LED Pitch (mm)	14,29	
Pixels (/m)	10	
Channels (/m)	30	
LEDs (/segment)	7	
Color Range	White	
	1121	120
	1616	120
	1128	270
Beam Angle (°)	2222	120
CRI	≈80, ≈90	
Control	SPI, DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1121	80
	1616	150
	1128	80
	2222	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
Impact Protection (IK)	IK08
Ingress Protection (IP)	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT		
<input type="checkbox"/> 2200K	<input type="checkbox"/> 4000K	
<input type="checkbox"/> 2700K	<input type="checkbox"/> 4500K	
<input type="checkbox"/> 3000K	<input type="checkbox"/> 5000K	
<input type="checkbox"/> 3500K	<input type="checkbox"/> 6500K	

Control
<input type="checkbox"/> SPI
<input type="checkbox"/> DMX

DiGi Neonflex Dual Bend

Multi Color RGBW 24V

181

DiGi Neonflex Dual Bend Multi Color RGBW 24V is a flexible linear lighting solution for clean, continuous lines of dynamic lighting in architectural applications. With dual-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring three dimensional bending. The DiGi Neonflex Dual Bend Multi Color RGBW is perfect for a lighting scheme with high-quality dynamic light and saturated color, all with optimal color accuracy.

- Dual-bending – With optimal radius options to enable seamless integration into curved architectural elements and circular installations.
- Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

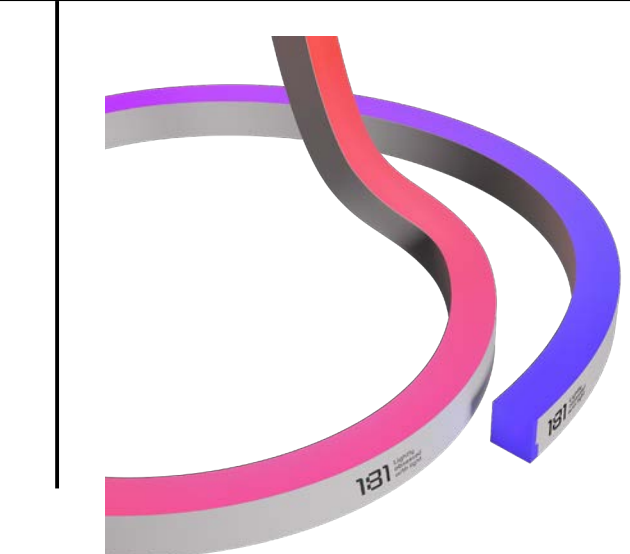
IK08

Specifications

General		
Power Consumption (W/m)	20	
Input Voltage (V DC)	24	
LEDs (/m)	72	
LED Pitch (mm)	13,89	
Pixels (/m)	12	
Color Range	RGBW	
Beam Angle (°)	120	
LEDs (/segment)	6	
Channels (/m)	48	
CRI	≈80, ≈90	
Control	DMX	

Installation Conditions & Lighting Data		
Segment Length (mm)	83,3	
Bending Radius (mm)	H/Side	250
	V/Top	150
Maximum Run Length (m)	Single Feed	4
	Double Feed	8
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/ M12	
Weight (kg/m)	1618	0,50
Dimensions WxH (mm)	1618	16 x 18

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Neonflex Top Bend

Multi Color RGBW 48V

181

Neonflex Top Bend RGBW 48V is a flexible linear lighting solution for clean, continuous lines of light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

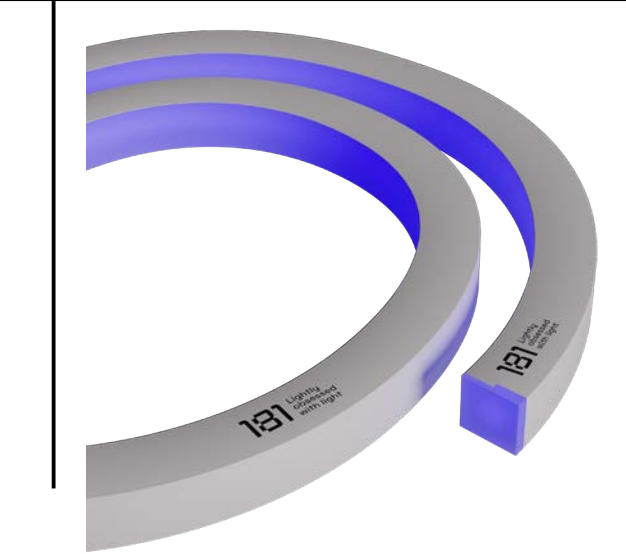
IK08

Specifications

General		
Power Consumption (W/m)	20	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Color Range	RGBW	
Beam Angle (°)	1616/2219	120
	1717	210
	3027	270
LEDs (/segment)	14	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616/1717	120
	3027/2219	400
Maximum Run Length (m)	Single Feed	14
	Double Feed	28
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	1616	16,5 x 16,5
Dimensions WxH (mm)	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Neonflex Top Bend

Multi Color RGBW 24V

181

Neonflex Top Bend RGBW 24V is a flexible linear lighting solution for clean, continuous lines of dynamic light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

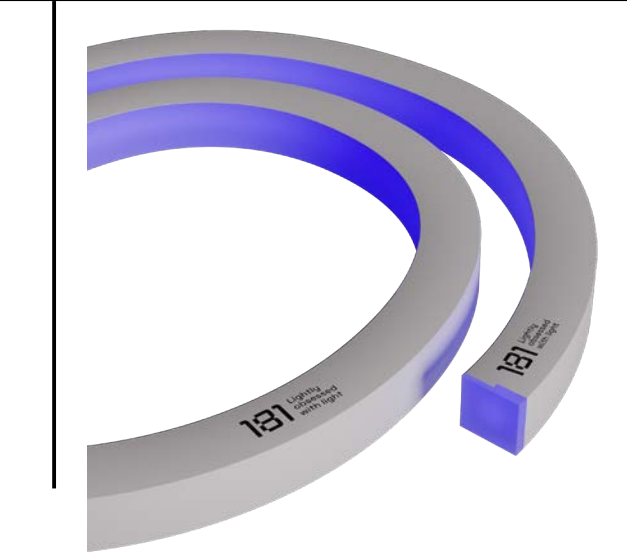
IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	24	
LEDs (/m)	72	
LED Pitch (mm)	13,89	
Color Range	RGBW	
Beam Angle (°)	1616/2219	120
	1717	210
	3027	270
LEDs (/segment)	6	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	83,3	
Bending Radius (mm)	1616	120
	1717	150
	3027/2219	400
Maximum Run Length (m)	Single Feed	8
	Double Feed	16
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	1616	16,5 x 16,5
Dimensions WxH (mm)	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Neonflex Top Bend

Multi Color RGB 48V

181

Neonflex Top Bend RGB 48V is a flexible linear lighting solution for clean, continuous lines of dynamic light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

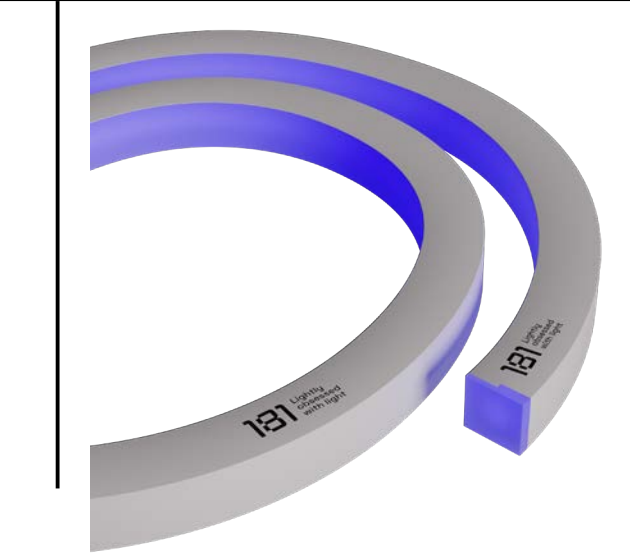


Specifications

General		
Power Consumption (W/m)	15	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Color Range	RGB	
Beam Angle (°)	1616/2219	120
	1717	210
	3027	270
LEDs (/segment)	14	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1616/1717	150
	3027/2219	400
Maximum Run Length (m)	Single Feed	20
	Double Feed	40
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
	2219	22 x 19
Dimensions WxH (mm)	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> RGB

Neonflex Top Bend

Multi Color RGB 24V

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Neonflex Top Bend RGB 24V is a flexible linear lighting solution for clean, continuous lines of dynamic light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

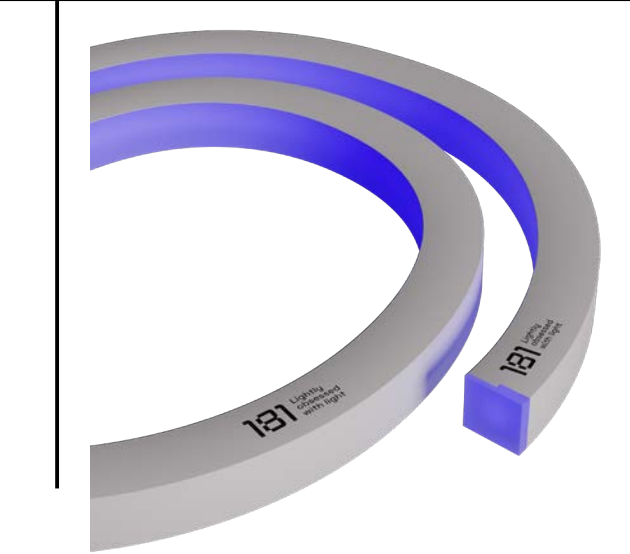


Specifications

General		
Power Consumption (W/m)	13	
Input Voltage (V DC)	24	
LEDs (/m)	1313	84
	1616/1717	72
	3027/2219	72
LED Pitch (mm)	1313	11,90
	1616/1717	13,89
	3027/2219	13,89
Color Range	RGB	
Beam Angle (°)	1313/1616/2219	120
	1717	210
	3027	270
LEDs (/segment)	1313	7
	1616/1717	6
	3027/2219	6
Control	PWM	

Installation Conditions & Lighting Data			
Segment Length (mm)	83,3		
Bending Radius (mm)	1313	80	
	1616/1717	120	
	3027/2219	400	
Maximum Run Length (m)		Single Feed	Double Feed
	1313	5	10
	1616/1717		
	3027/2219	10	20
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C		

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes



IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1313	0,40
	1616	0,45
	1717	0,45
	3027	0,60
	2219	0,60
Dimensions WxH (mm)	1313	13,5 x 13,5
	1616	16,5 x 16,5
	1717	16,5 x 16,5
	3027	30 x 28
	2219	22 x 19

Options

Color/CCT
<input type="checkbox"/> RGB

Neonflex Top Bend White 48V

181

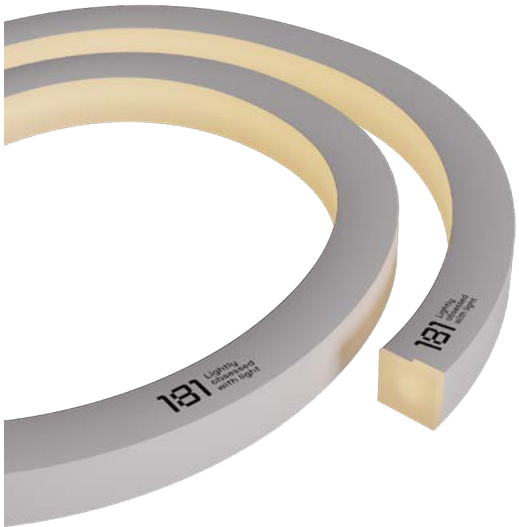
Neonflex Top Bend White 48V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE RoHS UL IP68 IK08



Specifications

General			
Power Consumption (W/m)	1010	8	
	1313	5	
	1616/1717/3027/2219	9	
Input Voltage (V DC)	48		
LEDs (/m)	1010	120	
	1313/1616/1717/3027/2219	140	
LED Pitch (mm)	1010	8,33	
	1313/1616/1717/3027/2219	7,14	
Pixels (/m)	10		
Color Range	White		
Beam Angle (°)	1010/1313/1616/2219	120	
	1717	210	
	3027	270	
LEDs (/segment)	1010	12	
	1313/1616/1717/3027/2219	14	
CRI	≈80, ≈90		
Control	PWM		

Installation Conditions & Lighting Data			
Segment Length (mm)	100		
	1010	150	
Bending Radius (mm)	1313	80	
	1616/1717	120	
	3027/2219	400	
	Single Feed	Double Feed	

IK Rating	IK08		
IP Rating	IP68		
Certification	RoHs/CE/UL/UKCA/CB/FCC		
Limited Warranty	5 Years		

Physical			
Housing Material	Silicon		
Cover Material	Silicon		
Connector Material	Nylon (PA66)		
Housing Color	White		
Cable Color	Black		
Connector Type	Bare Wire/ M12		
Weight (kg/m)	1010	0,40	
	1313	0,45	
	1616	0,45	
	1717	0,45	
	3027	0,60	
	2219	0,60	
Dimensions WxH (mm)	1010	10 x 10	
	1313	13,5 x 13,5	
	1616	16,5 x 16,5	
	1717	16,5 x 16,5	
	3027	30 x 28	
	2219	22 x 19	

Physical

Housing Material	Silicon
Cover Material	Silicon
Connector Material	Nylon (PA66)
Housing Color	White
Cable Color	Black
Connector Type	Bare Wire/ M12

Weight (kg/m)

1010	0,40
1313	0,45
1616	0,45
1717	0,45
3027	0,60
2219	0,60

Dimensions WxH (mm)

1010	10 x 10
1313	13,5 x 13,5
1616	16,5 x 16,5
1717	16,5 x 16,5
3027	30 x 28
2219	22 x 19

Options

Color/CCT			
<input type="checkbox"/> 2200K	<input type="checkbox"/> 3000K	<input type="checkbox"/> 4000K	<input type="checkbox"/> 5000K
<input type="checkbox"/> 2700K	<input type="checkbox"/> 3500K	<input type="checkbox"/> 4500K	<input type="checkbox"/> 6500K

Neonflex Top Bend Tunable White 24V

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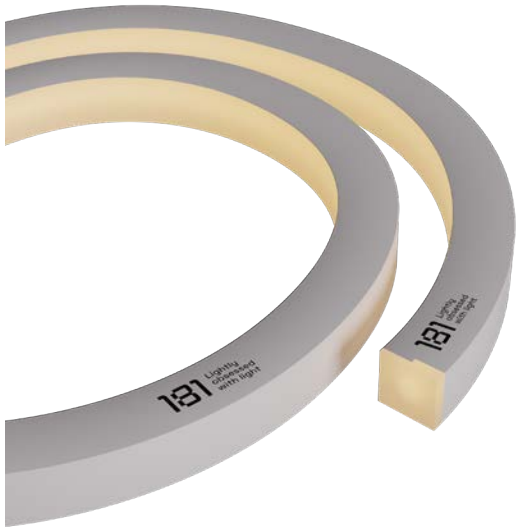
Neonflex Top Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE RoHS UL IP68 IK08



Specifications

General		
Power Consumption (W/m)	12	
Input Voltage (V DC)	24	
LEDs (/m)	120	
LED Pitch (mm)	8,33	
Color Range	Tunable White	
Beam Angle (°)	1313/1616/2219	120
	1717	210
	3027	270
LEDs (/segment)	12	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data

Segment Length (mm)	100		
Bending Radius (mm)	1313	80	
	1616/1717	120	
	3027/2219	400	
		Single Feed	Double Feed
	Maximum Run Length (m)	1313	8
		1616/1717	16
		3027/2219	10
			20
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C		
	50,000 Hours L70 @ 50°C		

Operating

Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	

Weight (kg/m)

1010	0,40
1313	0,45
1616	0,45
1717	0,45
3027	0,60
2219	0,60

Dimensions WxH (mm)

1010	10 x 10
1313	13,5 x 13,5
1616	16,5 x 16,5
1717	16,5 x 16,5
3027	30 x 28
2219	22 x 19

Options

Color/CCT	
<input type="checkbox"/> 2200K–5700K	
<input type="checkbox"/> 2700K–5700K	
<input type="checkbox"/> 3000K–5700K	

Neonflex Top Bend White 24V

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Neonflex Top Bend White 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≥80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

➤ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

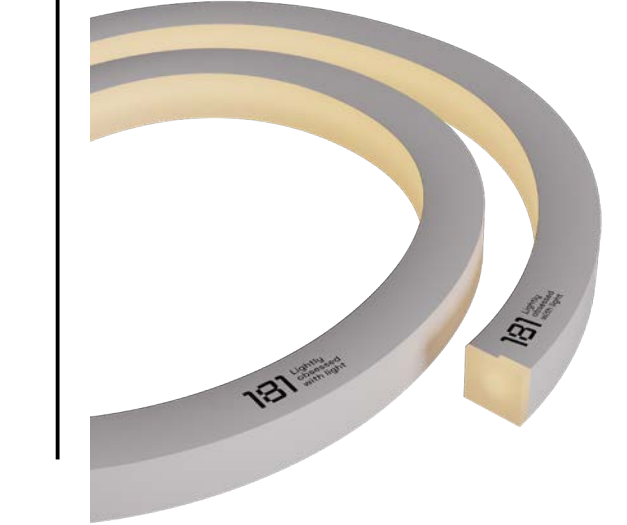
➤ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE RoHS UL IP68 IK08

Specifications

General			
Power Consumption (W/m)	1010/1313/1616		10
	1717/3027/2219		
Input Voltage (V DC)	1616/1717/3027/2219		15
	24		
LEDs (/m)	1010		120
	1313/1616/1717		(10 W) 144
	3027/2219		
LED Pitch (mm)	1616/1717/3027/2219 (15 W)		84
	1010		8,33
	1313/1616/1717		(10W) 6,94
	3027/2219		
	1616/1717/3027/2219 (15 W)		11,9
Color Range	White		
Beam Angle (°)	1010/1313/1616/2219		120
	1717		210
	3027		270
LEDs (/segment)	1010/1313/1616		(10 W) 12
	1717/3027/2219		
CRI	1616/1717/3027/2219 (15 W)		7
	≥80, ≥90		
Control	PWM		

Installation Conditions & Lighting Data			
Segment Length (mm)	1010		100
	1313/1616/1717/3027 (10 W)		83,3
	1616/1717/3027/2219 (15 W)		83,3
Bending Radius (mm)	1010	(10 W)	150
	1313	(10 W)	80
	1616/1717	(10 W)	120
		(15 W)	
	3027/2219	(10 W)	400
		(15 W)	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C		
	50,000 Hours L70 @ 50°C		



Maximum Run Length (m)			Single Feed	Double Feed
	1010	(10 W)	5	10
	1313/1616/1717/3027/2219	(10 W)	10	20
	1616/1717/3027/229	(15 W)	8	16

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical			
Housing Material	Silicon		
Cover Material	Silicon		
Connector Material	Nylon (PA66)		
Housing Color	White		
Cable Color	Black		
Connector Type	Bare Wire/ M12		
Weight (kg/m) & Dimensions WxH (mm)		Weight	Dimensions
	1010	0,40	10 x 10
	1313	0,40	13,5 x 13,5
	1616/1717	0,45	16,5 x 16,5
	3027	0,60	30 x 28
	2219	0,60	22 x 19

Options

Color/CCT			
<input type="checkbox"/> 2200K	<input type="checkbox"/> 3000K	<input type="checkbox"/> 4000K	<input type="checkbox"/> 5000K
<input type="checkbox"/> 2700K	<input type="checkbox"/> 3500K	<input type="checkbox"/> 4500K	<input type="checkbox"/> 6500K

Neonflex Top Bend Single Color 24V

181

Neonflex Top Bend Single Color 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

➤ Top-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

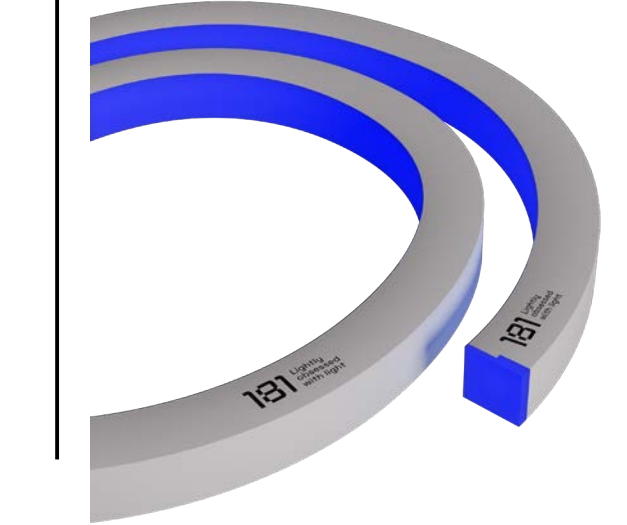
➤ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE RoHS UL IP68 IK08

Specifications

General			
Power Consumption (W/m)	1010/1313/1616	10	
	1717/3027/2219		
Input Voltage (V DC)	1616/1717/3027/2219	15	
	24		
LEDs (/m)	1616/1717/3027/2219	(15 W)	84
	1010	(10 W)	120
	1313/1616/1717 3027/2219	(10 W)	144
LED Pitch (mm)	1313/1616/1717 3027/2219	(10 W)	6,94
	1010	(10 W)	8,33
	1616/1717/3027/2219	(15 W)	11,90
Color Range	Single Color		
Beam Angle (°)	1010/1313/1616/2219	120	
	1717	210	
	3027	270	
LEDs (/segment)	1616/1717/3027/2219	(15 W)	7
	1010/1313/1616 1717/3027/2219	(10 W)	12
Control	PWM		

Installation Conditions & Lighting Data				
Segment Length (mm)	1010		100	
	1313/1616/17173027/2219		83,3	
	1313		80	
Bending Radius (mm)	1616/1717		120	
	1010		150	
	3027/2219		400	
Maximum Run Length (m)			Single Feed	Double Feed
	1010		5	10
	1313/1616/1717 3027/2219	(10 W)	10	20
	1616/1717 3027/2219	(15 W)	8	16
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C			
	50,000 Hours L70 @ 50°C			



Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical			
Housing Material		Silicon	
Cover Material		Silicon	
Connector Material		Nylon (PA66)	
Housing Color		White	
Cable Color		Black	
Connector Type		Bare Wire/M12	
Weight (kg/m) & Dimensions WxH (mm)		Weight	Dimensions
	1010	0,40	10 x 10
	1313	0,40	13,5 x 13,5
	1616	0,45	16,5 x 16,5
	1717	0,45	16,5 x 16,5
	3027	0,60	30 x 28
	2219	0,60	22 x 19

Options

Color/CCT			
1010	<input type="checkbox"/> Red	1616	<input type="checkbox"/> Red
1313	<input type="checkbox"/> Green	1717	<input type="checkbox"/> Green
2219	<input type="checkbox"/> Blue	3027	<input type="checkbox"/> Blue
		*10W	<input type="checkbox"/> Lemon Yellow
			<input type="checkbox"/> Pink
			<input type="checkbox"/> Pink

Neonflex Side Bend

Multi Color RGBW 48V

181

Neonflex Side Bend RGBW 48V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

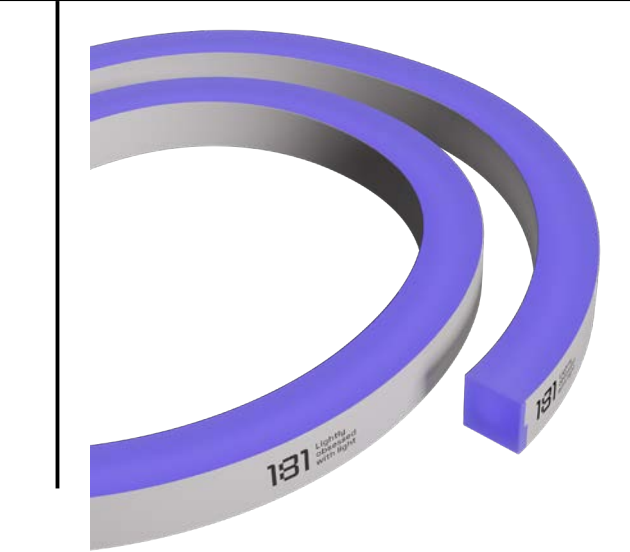
IK08

Specifications

General		
Power Consumption (W/m)	20	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,90	
Color Range	RGBW	
Beam Angle (°)	1121/1616/2222	120
	1128	270
LEDs Segment	14	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	167	
Bending Radius (mm)	1121/1128	80
	1616	150
	2222	400
Maximum Run Length (m)	1121/1128 1616	14
	2222	20
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121/1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/>	RGBW2700K
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K
<input type="checkbox"/>	RGBW5000K

Neonflex Side Bend

Multi Color RGBW 24V

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Neonflex Side Bend RGBW 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

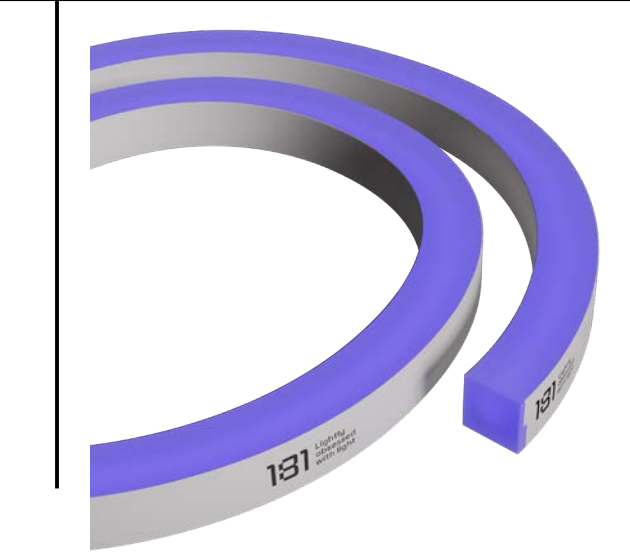
IK08

Specifications

General		
Power Consumption (W/m)	17	
Input Voltage (V DC)	24	
LEDs (/m)	72	
LED Pitch (mm)	13,89	
Color Range	RGBW	
Beam Angle (°)	1121/1616/2222	120
	1128	270
LEDs Segment	6	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	83,3	
Bending Radius (mm)	1121/1128	80
	1616	120
	2222	400
Maximum Run Length (m)	8	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121/1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/>	RGBW2700K
<input type="checkbox"/>	RGBW3000K
<input type="checkbox"/>	RGBW4000K
<input type="checkbox"/>	RGBW5000K

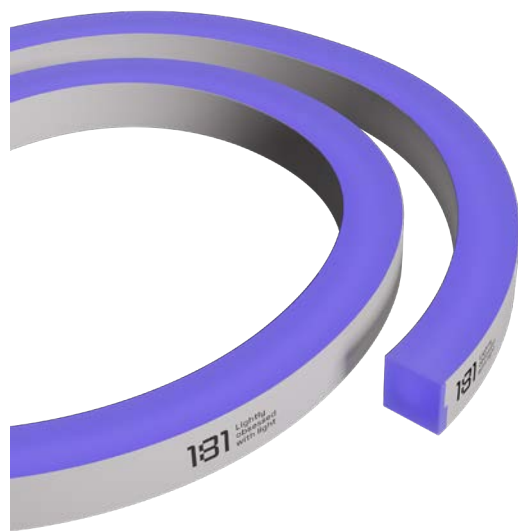
Neonflex Side Bend Multi Color RGB 48V

Neonflex Side Bend RGB 48V is a flexible linear lighting solution for clean, continuous lines of RGB light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI $\geq 80-90$ for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from -40°C to $+55^{\circ}$ for long-term outdoor durability.

➤ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

✎ **Durability** – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.



Specifications

General

Power Consumption (W/m)	1121/1616/1128	15
	2222	17
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11.90	
Color Range	RGB	
Beam Angle (°)	1121/1616/2222	120
	1128	270
LEDs Segment	14	
CRI	≥80, ≥90	
Control	PWM	

Installation Conditions & Lighting Data

Segment Length (mm)	167	
Bending Radius (mm)	1121/1128	80
	1616	150
	2222	400
Maximum Run Length (m)	20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating

Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHS/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicone	
Cover Material	Silicone	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT

☐ RGB

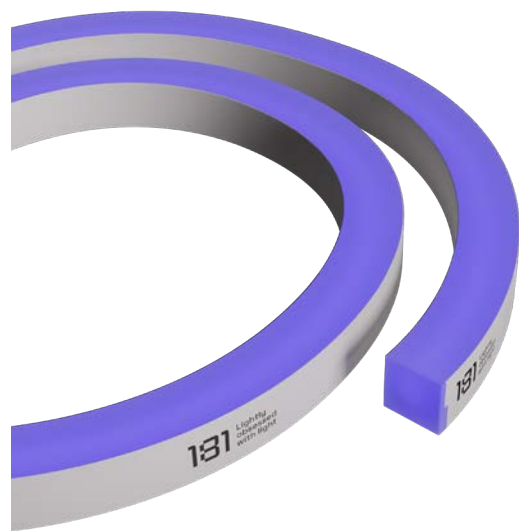
Neonflex Side Bend Multi Color RGB 24V

Neonflex Side Bend RGB 24V is a flexible linear lighting solution for clean, continuous lines of RGB light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI $\geq 80-90$ for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from -40°C to $+55^{\circ}$ for long-term outdoor durability.

➤ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↳ **Durability** – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.



Specifications

General

Power Consumption (W/m)	13	
Input Voltage (V DC)	24	
LEDs (/m)	0816	84
	1121/1616/1128/2222	72
LED Pitch (mm)	0816	11,90
	1121/1616/1128/2222	13,89
Color Range	RGB	
Beam Angle (°)	0816/ 1121/1616/2222	120
	1128	270
LEDs Segment	1121/1128/1616/2222	6
	0816	7
CRI	≥80, ≥90	
Control	PWM	

Installation Conditions & Lighting Data

Segment Length (mm)	83,3	
Bending Radius (mm)	0816/1121/1128	80
	1616	150
	2222	400
Maximum Run Length (m)	0816	5
	1121	8
	1616/1128/2222	10
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating

Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHS/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicone	
Cover Material	Silicone	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	0816	0,40
	1121	0,45
	1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	0816	8 x 16
	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT

☐ RGB

Neonflex Side Bend White 48V

181

Neonflex Side Bend White 48V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

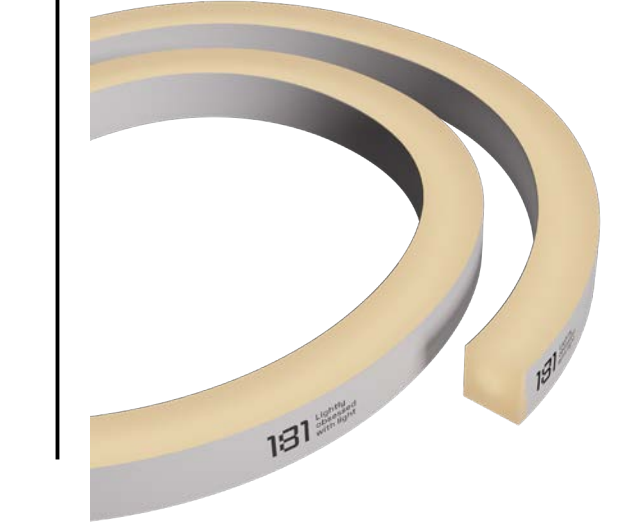
CE RoHS UL IP68 IK08

Specifications

General		
Power Consumption (W/m)	1010	8
	1121/1128/2222	9
	0816/1616	12
Input Voltage (V DC)	48	
	LEDs (/m)	
LEDs (/m)	1010	120
	0816/1616/1121 1128/2222	140
LED Pitch (mm)	1010	7,14
	0816/1616/1121 1128/2222	8,33
	Color Range	White
Beam Angle (°)	120	
LEDs Segment	1010	12
	0816/1616/1121 1128/2222	14
	CRI	≈80, ≈90
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	0816/1121/1128	80
	1010/1616	150
	2222	400
Maximum Run Length (m)	1010	5
	0816/1121/1128 1616/2222	20
	Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes



IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1010/0816	0,40
	1121/1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	1010	10 x 10
	0816	8 x 16
	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/>	2200K
<input type="checkbox"/>	2700K
<input type="checkbox"/>	3000K
<input type="checkbox"/>	3500K
<input type="checkbox"/>	4000K
<input type="checkbox"/>	4500K
<input type="checkbox"/>	5000K
<input type="checkbox"/>	6500K

Neonflex Side Bend Tunable White 24V

181

Neonflex Side Bend Tunable White 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

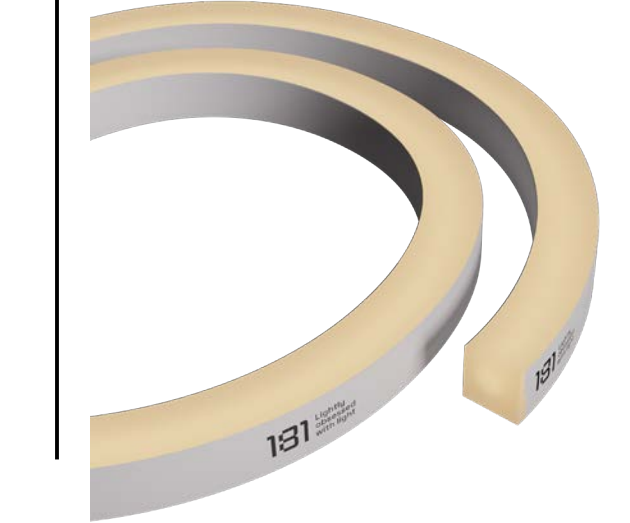
CE RoHS UL IP68 IK08

Specifications

General		
Power Consumption (W/m)	12	
Input Voltage (V DC)	24	
LEDs (/m)	120	
LED Pitch (mm)	8,33	
Color Range	Tunable White	
Beam Angle (°)	0816/1121/1616/2222	120
	1128	270
LEDs Segment	12	
CRI	≈80, ≈90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	0816/1121/1128	80
	1616	150
	2222	400
	Maximum Run Length (m)	0816 8 1112/1128 10 1616/2222
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	0816	0,40
	1121/1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	0816	8 x 16
	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/>	2200K–5700K
<input type="checkbox"/>	2700K–5700K
<input type="checkbox"/>	3000K–5700K

Neonflex Side Bend White 24V

181

Neonflex Side Bend White 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≥80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

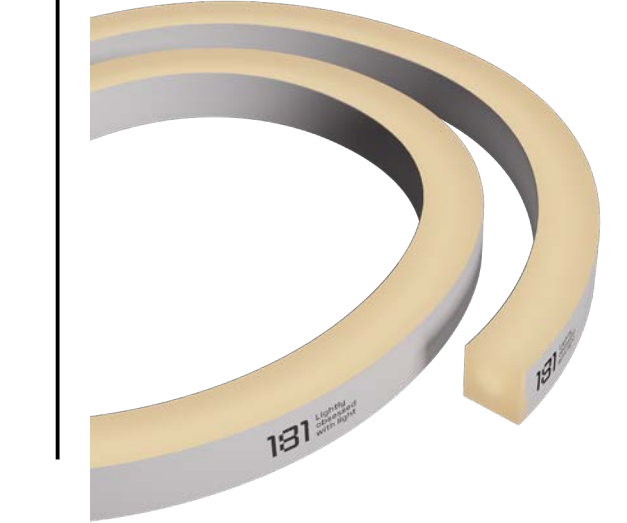
↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE RoHS UL IP68 IK08

Specifications

General			
Power Consumption (W/m)	1010/0816/1616/2222	10	
	1121/1128/2222	12 15	
Input Voltage (V DC)	24		
LEDs (/m)	1010	120	
	1616/2222	(10W)	144
	1121/1128	(12W)	60
	1121/1128/2222	(15W)	84
LED Pitch (mm)	1010	8,33	
	1616/2222	(10W)	6,94
	1121/1128	(12W)	16,67
	1121/1128/2222	(15W)	11,90
Color Range	White		
Beam Angle (°)	1010/1121/1616/2222	120	
	1128	270	
LEDs Segment	1010/1616/2222	(10W)	12
	1121/1128	(12W)	6
	1121/1128/2222	(15W)	7
CRI	≥80, ≥90		
Control	PWM		

Installation Conditions & Lighting Data			
Segment Length (mm)	1010	(10W)	100
	1121/1128	(12W)	
	1121/1128	(15W)	83,3
	1616/2222		
Bending Radius (mm)	1121/1128	80	
	1010/1616	150	
	2222	400	
Maximum Run Length (m)	1010	5	
	1112/1128	(12W)	10
	1616/2222	(10W)	
	1112/1128	(15W)	8
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C		
	50,000 Hours L70 @ 50°C		



Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1010	0,40
	1121	0,45
	1128 (12W)	0,45
	1128 (15W)	0,55
	1616	0,45
	2222	0,60

Dimensions WxH (mm)	1010	10 x 10
	1121	11,5 x 21
	1128 (12W)	11,5 x 28
	1128 (15W)	11,5 x 28
	1616	16,5 x 16,5
	2222	22,4 x 22,6

Options

Color/CCT	
<input type="checkbox"/> 2200K	<input type="checkbox"/> 4000K
<input type="checkbox"/> 2700K	<input type="checkbox"/> 4500K
<input type="checkbox"/> 3000K	<input type="checkbox"/> 5000K
<input type="checkbox"/> 3500K	<input type="checkbox"/> 6500K

Neonflex Side Bend Single Color 48V

181

Neonflex Side Bend Single Color 48V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≥80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

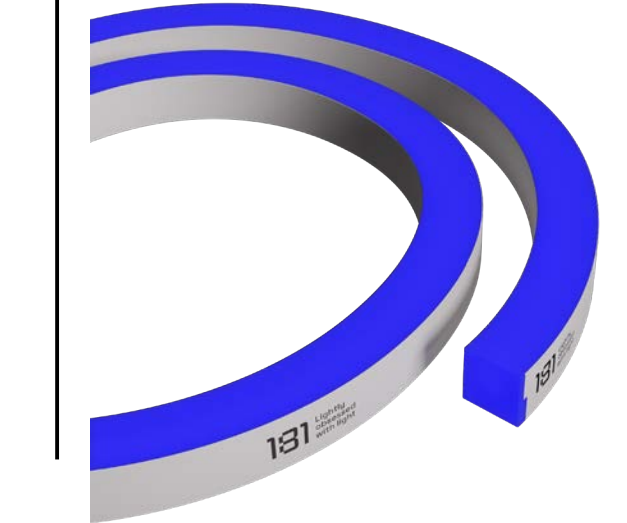
CE RoHS UL IP68 IK08

Specifications

General		
Power Consumption (W/m)	1010	8
	0816	12
Input Voltage (V DC)	48	
LEDs (/m)	1010	120
	0816	140
LED Pitch (mm)	1010	8,33
	0816	7,14
Color Range	Single Color	
Beam Angle (°)	120	
LEDs Segment	1010	12
	0816	14
CRI	≥80, ≥90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Bending Radius (mm)	1010	150
	0816	80
Maximum Run Length (m)	1010	15
	0816	20
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	0,40	
Dimensions WxH (mm)	0816	8 x 16
	1010	10X10

Options

Color/CCT			
1010	<input type="checkbox"/> Green	0816	<input type="checkbox"/> Green
	<input type="checkbox"/> Blue		<input type="checkbox"/> Blue
	<input type="checkbox"/> Lemon Yellow		<input type="checkbox"/> Purple
	<input type="checkbox"/> Purple		

Neonflex Side Bend

Single Color 24V

181

Neonflex Side Bend Single Color 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations requiring lateral bending.

Engineered for reliable outdoor performance, it delivers consistent white illumination through PWM control with CRI ≈80–90 for accurate color rendering. Housed in robust silicone with nylon connector material and rated IP68 and IK08, it withstands UV, saltwater, and extreme temperatures from –40°C to +55° for long-term outdoor durability.

↘ Side-bending – With tight radius options enables seamless integration into curved architectural elements and circular installations.

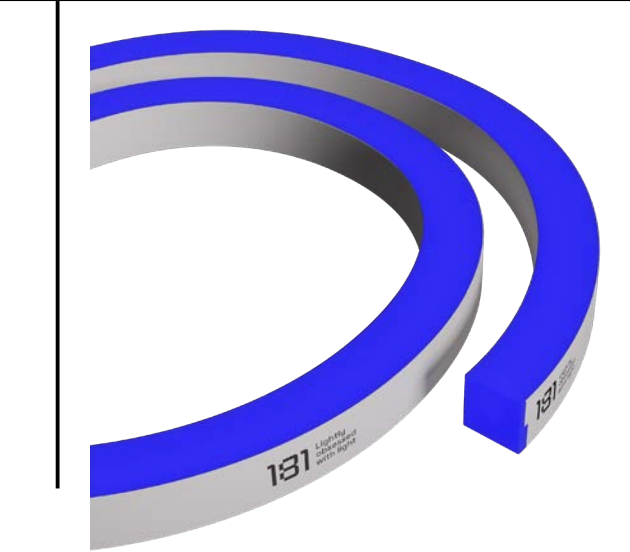
↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.



Specifications

General			
Power Consumption (W/m)	1010/0816/1616/2222	10	
	1121/1128	12	
	1121/1128/2222	15	
Input Voltage (V DC)	24		
LEDs (/m)	1010/0816	(10W)	120
	1616/2222	(10W)	144
	1121/1128	(12W)	60
	1121/1128/2222	(15W)	84
	1010/0816	(10W)	8,33
LED Pitch (mm)	1616/2222	(10W)	6,94
	1121/1128	(12W)	16,67
	1121/1128/2222	(15W)	11,90
Color Range	Single Color		
Beam Angle (°)	1010/0816/1121/1616/2222	120	
	1128	270	
LEDs (/Segment)	1121/1128	(12W)	6
	1121/1128/2222	(15W)	7
	1010/0816/1616/2222	(10W)	12
Control	PWM		

Installation Conditions & Lighting Data			
Segment Length (mm)	1616 (10W)	83,3	
	1121/1128/2222 (15W)		
	1010/0816 (10W)	100	
	1121/1128 (12W)		
Bending Radius (mm)	0816 (10W)	80	
	1121/1128 (12W)		
	1128 (15W)		
	1010/1616 (10W)	150	
	2222 (10W & 15W)	400	
	Maximum Run Length (m)	1010 (10W)	
1112/1128/2222 (15W)		8	
0816/1616/2222 (10W) 1121/1128 (12W)		10	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C		
	50,000 Hours L70 @ 50°C		



Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years

Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	0816/1010	0,40
	1121/1616	0,45
	1128	0,55
	2222	0,60
Dimensions WxH (mm)	0816	8 x 16
	1010	10X10
	1121	11,5 x 21
	1616	16,5 x 16,5
	1128	11,5 x 28
	2222	22,4 x 22,6

Options

Color/CCT			
1010	<input type="checkbox"/> Red	0816	<input type="checkbox"/> Pink
1616	<input type="checkbox"/> Green	1121	<input type="checkbox"/> Green
222	<input type="checkbox"/> Blue	1128	<input type="checkbox"/> Blue
			<input type="checkbox"/> Lemon Yellow
			<input type="checkbox"/> Red *0816 only
			<input type="checkbox"/> Amber *0816 Only
			<input type="checkbox"/> Orange *0816 Only

Neonflex Dual Bend

White 24V

181

Neonflex Dual Bend White 24V is a flexible linear lighting solution for clean, continuous lines of white lighting in architectural applications. With dual-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring three dimensional bending. The Neonflex Dual Bend White is perfect for a lighting scheme with high-quality white lighting.

↘ Dual-bending – With optimal radius options to enable seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.



Specifications

General	
Power Consumption (W/m)	13
Input Voltage (V DC)	24
LEDs (/m)	72
LED Pitch (mm)	13,89
Pixels (/m)	12
Color Range	White
Beam Angle (°)	120
LEDs (/segment)	6
CRI	≈80, ≈90
Control	PWM

Installation Conditions & Lighting Data		
Segment Length (mm)	83,3	
Bending Radius (mm)	H/Side	250
	V/Top	150
Maximum Run Length (m)	Single Feed	8
	Double Feed	16
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1618	0,50
Dimensions WxH (mm)	1618	16 x 18

Options

Color/CCT	
<input type="checkbox"/> 2200K	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 3500K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 4500K	
<input type="checkbox"/> 5000K	
<input type="checkbox"/> 6500K	

Neonflex Dual Bend

Single Color 24V

181

Neonflex Dual Bend Single Color 24V is a flexible linear lighting solution for clean, continuous lines of light in architectural applications. With dual-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

Ideal for curved facades, circular features, and artistic installations requiring three dimensional bending. The Neonflex Dual Bend Single color is perfect for a lighting scheme with high-quality light and saturated color, all with optimal color accuracy.

↘ Dual-bending – With optimal radius options to enable seamless integration into curved architectural elements and circular installations.

↘ Durability – IP68/IK08 rating with saltwater resistance and over 70,000 hour lifespan ensures reliable performance in harsh outdoor environments.

CE

RoHS

UL

IP68

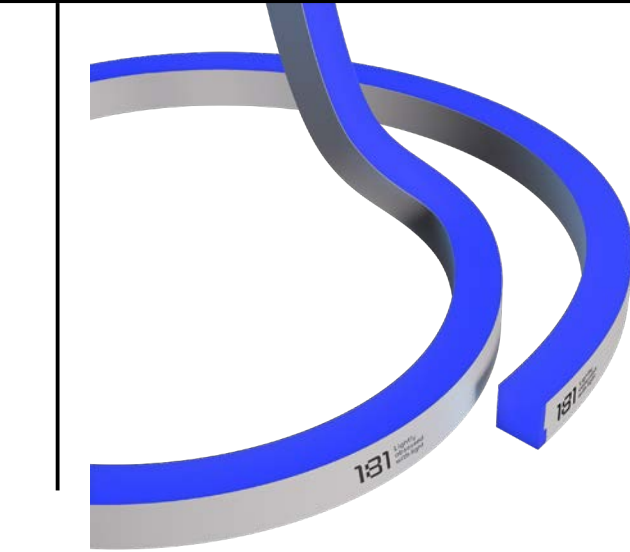
IK08

Specifications

General		
Power Consumption (W/m)	13	
Input Voltage (V DC)	24	
LEDs (/m)	72	
LED Pitch (mm)	13,89	
Pixels (/m)	12	
Color Range	Single Color	
Beam Angle (°)	120	
LEDs (/segment)	6	
CRI	≥80, ≥90	
Control	PWM	

Installation Conditions & Lighting Data		
Segment Length (mm)	83,3	
Bending Radius (mm)	H/Side	250
	V/Top	150
Maximum Run Length (m)	Single Feed	8
	Double Feed	16
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	−40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	RoHs/CE/UL/UKCA/CB/FCC
Limited Warranty	5 Years



Physical		
Housing Material	Silicon	
Cover Material	Silicon	
Connector Material	Nylon (PA66)	
Housing Color	White	
Cable Color	Black	
Connector Type	Bare Wire/M12	
Weight (kg/m)	1618	0,50
Dimensions WxH (mm)	1618	16 x 18

Options

Color/CCT
<input type="checkbox"/> Red
<input type="checkbox"/> Green
<input type="checkbox"/> Blue
<input type="checkbox"/> Yellow
<input type="checkbox"/> Pink

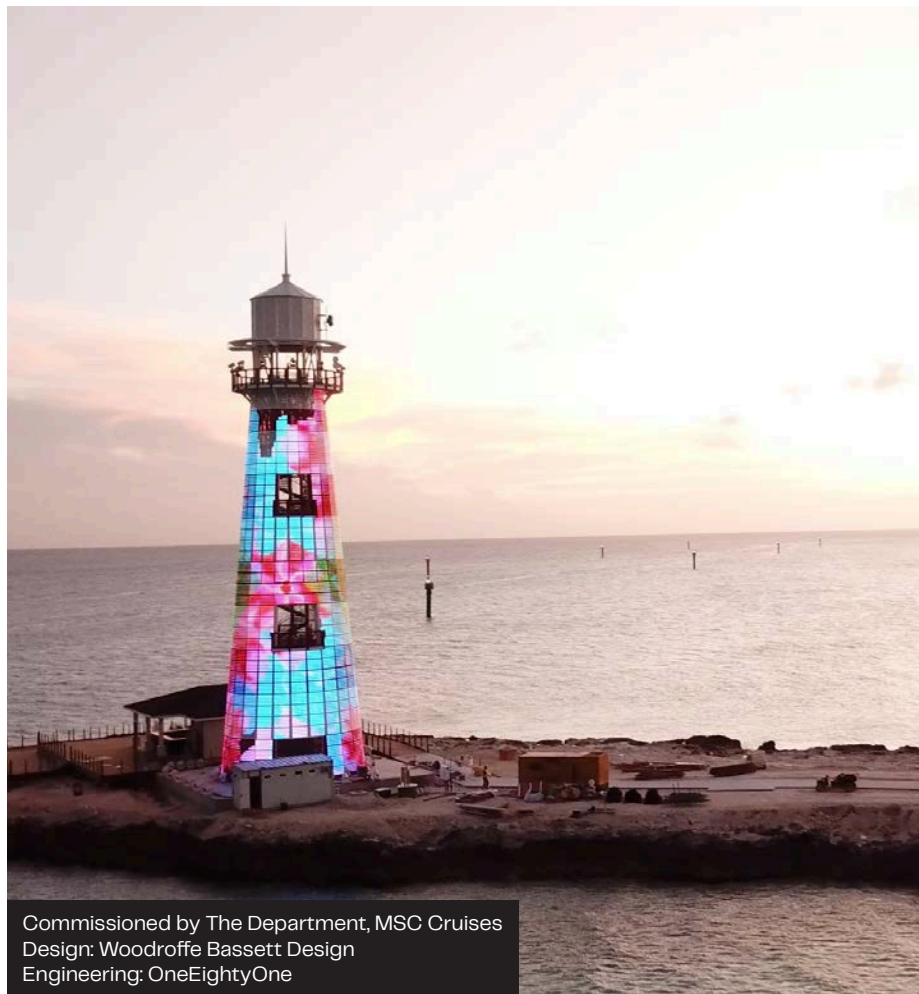


Beacon of light

Rising above the Bahamas archipelago, Ocean Cay island's lighthouse stands as a iconic landmark. Rooted in local history, the design called for a thoughtful yet expressive lighting approach. Now, it offers a dynamic experience, guiding visitors through the island's flora, fauna, and ocean life. Witness how a luminous story after dark creates new meaning to a once purely functional structure.



Lighthouse



Commissioned by The Department, MSC Cruises
Design: Woodroffe Bassett Design
Engineering: OneEightyOne

The DiGi Module ES

Over 14,000 DiGi ES3 modules were used for the lighthouse's immersive transformation, each one protected with a corrosion-resistant finish and custom-designed optics. Rather than simply illuminating the structure, the modules work in perfect sync to reshape it into a fully animated surface, reminiscent of a flexible screen. Through flowing color and image projections, the lighthouse becomes a playful visual display.

Modules

181

DiGi Module XT Multi Color RGBW

181

The DiGi Module XT Series delivers precision point-source illumination for architectural accent lighting, decorative installations, and commercial applications requiring individual LED control and superior environmental durability. This compact module is perfect for flexible integration across hospitality, retail, and architectural projects demanding reliable point-source lighting solutions.

Engineered with premium housing and lens construction rated to IP67 with 110° beam angle coverage, the XT Series operates reliably in demanding outdoor environments. Available in XT3 and XT6 configurations with black or beige housing options and a variety of covers, this modular system provides great versatility, precise control and long-term reliability.

↘ Dual Power Architecture – XT3 and XT6 configurations with premium LEDs for scalable installation requirements.

↘ Complete Control Integration – Extensive data run lengths trough SPI with IP67 environmental protection for maximum design flexibility.

CE RoHS ETL US IP67 IK08

Specifications

General		
Power Consumption (W/m)	XT3	1,1
	XT6	1,8
Input Voltage (V DC)	24	
LEDs (/module)	XT3	4
	XT6	8
Pixels (/module)	1	
Channels (/module)	4	
LED Type	3in1 + Discrete	
Color Range	RGBW	
CRI	≈80	
Beam Angle (°)	110	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Minimum Pixel Pitch ¹ (mm)	80	
Maximum String Length ¹ (m)	15	
Maximum Run Length Power ¹	Distance (m)	30
	XT3 (modules)	128
	XT6 (modules)	96
Maximum Run Length Data ¹ (modules)	@30fps	640
	@50fps	384
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)	62 (XT6 RGBW2700K Flat Cover)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	-40 to +60
Working Temperature (°C)	-25 to +55
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years



DiGi Module XT Multi Color RGB

181

The DiGi Module XT Series delivers precision point-source illumination for architectural accent lighting, decorative installations, and commercial applications requiring individual LED control and superior environmental durability. This compact module is perfect for flexible integration across hospitality, retail, and architectural projects demanding reliable point-source lighting solutions.

Engineered with premium housing and lens construction rated to IP67 with 110° beam angle coverage, the XT Series operates reliably in demanding outdoor environments. Available in XT3 and XT6 configurations with black or beige housing options and a variety of covers, this modular system provides great versatility, precise control and long-term reliability.

↘ Dual Power Architecture – XT3 and XT6 configurations with premium LEDs for scalable installation requirements.

↘ Complete Control Integration – Extensive data run lengths trough SPI with IP67 environmental protection for maximum design flexibility.

CE RoHS ETL US IP67 IK08

Specifications

General		
Power Consumption (W/m)	XT3	0,8
	XT6	1,4
Input Voltage (V DC)	24	
LEDs (/module)	XT3	3
	XT6	6
Pixels (/module)	1	
Channels (/module)	3	
LED Type	3in1	
Color Range	RGB	
Beam Angle (°)	110	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Minimum Pixel Pitch ¹ (mm)	80	
Maximum String Length ¹ (m)	15	
Maximum Run Length Power ¹	Distance (m)	30
	XT3 (modules)	170
	XT6 (modules)	128
Maximum Run Length Data ¹ (modules)	@30fps	850
	@50fps	510
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGB (lm)	45 (XT6 RGB Flat Cover)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	-40 to +60
Working Temperature (°C)	-25 to +55
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years



Physical	
Housing Material	ABS
Cable Material	PCP
Connector Material	Nylon (PA66)
Cover Material	PC
Housing Color	Black / Beige
Cable Color	Black / Beige
Connector Type	M16 5Pin
Dimensions LxWxH (mm)	46 x 42 x 21,7
Weight (kg/module)	0,025

Options

Covers	
<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Dome
<input type="checkbox"/> Globe	<input type="checkbox"/> Turbo

Accessories	
<input type="checkbox"/> Mounting Clip	<input type="checkbox"/> Panel Ring
<input type="checkbox"/> Mounting Profile	

DiGi Module XT White

181

The DiGi Module XT Series delivers precision point-source illumination for architectural accent lighting, decorative installations, and commercial applications requiring individual LED control and superior environmental durability. This compact module is perfect for flexible integration across hospitality, retail, and architectural projects demanding reliable point-source lighting solutions.

Engineered with premium housing and lens construction rated to IP67 with 110° beam angle coverage, the XT Series operates reliably in demanding outdoor environments. Available in XT3 and XT6 configurations with black or beige housing options and a variety of covers, this modular system provides great versatility, precise control and long-term reliability.

↳ Dual Power Architecture – XT3 and XT6 configurations with premium LEDs for scalable installation requirements.

↳ Complete Control Integration – Extensive data run lengths trough SPI with IP67 environmental protection for maximum design flexibility.

CE RoHS ETL US IP67 IK08

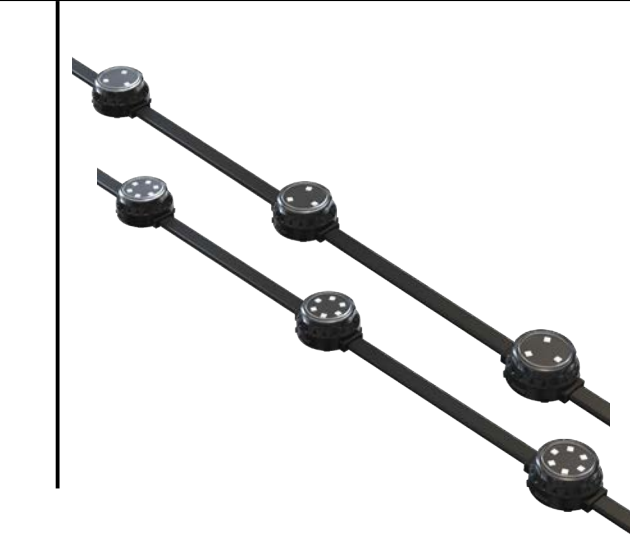
Specifications

General		
Power Consumption (W/m)	XT3	1
	XT6	1,4
Input Voltage (V DC)	24	
LEDs (/module)	XT3	3
	XT6	6
Pixels (/module)	1	
Channels (/module)	3	
LED Type	Discrete	
Color Range	White	
CRI	≥80	
Beam Angle (°)	110	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Minimum Pixel Pitch ¹ (mm)	80	
Maximum String Length ¹ (m)	15	
Maximum Run Length Power ¹	Distance (m)	30
	XT3 (modules)	170
	XT6 (modules)	128
Maximum Run Length Data ¹ (modules)	@30fps	850
	@50fps	510
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹ More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	-40 to +60
Working Temperature (°C)	-25 to +55
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years



DiGi Module ES Multi Color RGBW

181

The DiGi Module ES delivers scalable high-performance RGBW point-source illumination for demanding architectural displays, entertainment installations, and projects requiring flexible power options with superior color control. This versatile module is perfect for high-impact facade installations, offering SPI control for precise color mixing and dynamic lighting effects with exceptional brightness and professional color rendering.

Engineered with robust IP68-rated ABS housing and PC lens construction with 110° beam angle coverage, the ES module provides reliable performance in challenging outdoor environments. Available in black or beige housing it delivers exceptional color rendering for professional lighting designers requiring scalable power output and advanced control flexibility.

↳ Scalable Architecture – Three variants with delivering precise color mixing with superior performance.

↳ Compact High-Performance Design – Compact form factor with IP68 protection and 110° beam angle for versatile installation applications.

CE RoHS ETL US IP68 IK08

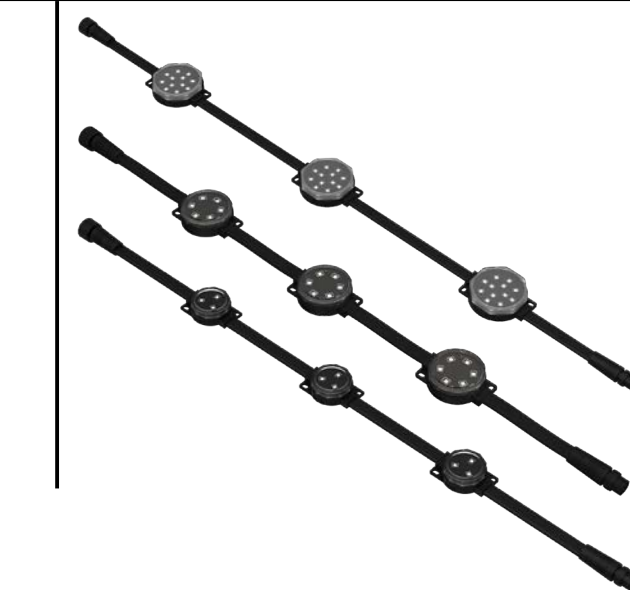
Specifications

General		
Power Consumption (W)	ES3	0,9
	ES6	1,8
	ES12	3
Input Voltage (V DC)	ES3	12
	ES6	24
	ES12	48
LEDs (/module)	ES3	4
	ES6	8
	ES12	16
Pixels (/module)	1	
Channels (/module)	4	
LED Type	3in1 + Discrete	
Color Range	RGBW	
CRI	≥80	
Beam Angle (°)	110	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Minimum Pixel Pitch ¹ (mm)	ES3	80
	ES6	100
	ES12	120
Maximum String Length ¹ (m)	ES3, ES6	15
	ES12	10
Maximum Run Length Power ¹	ES3 (m)	20
	ES6, ES12 (m)	30
	ES3 (modules)	48
	ES6, ES12 (modules)	64
Maximum Run Length Data ¹ (modules)	@30fps	640
	@50fps	384
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹ More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	-40 to +60



Working Temperature (°C)	-25 to +55	
IK Rating	IK08	
IP Rating	IP68	
Certification	CE, RoHS, ETL	
Limited Warranty	5 Years	

Physical		
Housing Material	ABS	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Black / Beige	
Cable Color	Black / Beige	
Connector Type	M16 5Pin	
	ES3	50 x 38 x 16,7
	ES6	60 x 48 x 16,7
Dimensions LxWxH (mm)	ES12	72 x 60 x 16,7
	ES3	0,022
	ES6	0,033
Weight (kg/module)	ES12	0,050

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	<input type="checkbox"/> RGBW5000K
<input type="checkbox"/> RGBW3000K	<input type="checkbox"/> RGBW6500K
<input type="checkbox"/> RGBW4000K	

Covers		
ES3	ES6	ES12
<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Flat Transparent
<input type="checkbox"/> Dome	<input type="checkbox"/> Dome	<input type="checkbox"/> Dome
<input type="checkbox"/> Globe		
<input type="checkbox"/> Turbo		

Accessories	
ES3	ES6
<input type="checkbox"/> Mounting Profile	<input type="checkbox"/> Mounting Profile

DiGi Module ES

Multi Color RGB

The DiGi Module ES delivers scalable high-performance RGB point-source illumination for demanding architectural displays, entertainment installations, and projects requiring flexible power options with superior color control. This versatile module is perfect for high-impact facade installations, offering SPI control for precise color mixing and dynamic lighting effects with exceptional brightness and professional color rendering.

Engineered with robust IP68-rated ABS housing and PC lens construction with 110° beam angle coverage, the ES module provides reliable performance in challenging outdoor environments. Available in black or beige housing it delivers exceptional color rendering with CRI ≥80 for professional lighting designers requiring scalable power output and advanced control flexibility.

➤ Scalable Architecture – Three variants with delivering precise color mixing with superior performance.

➤ Compact High-Performance Design – Compact form factor with IP68 protection and 110° beam angle for versatile installation applications.

CE

RoHS

ETLus

IP68

IK08

Specifications

General		
Power Consumption (W)	ES3	0,7
	ES6	1,4
	ES12	2,5
Input Voltage (V DC)	ES3	12
	ES6	24
	ES12	48
LEDs (/module)	ES3	3
	ES6	6
	ES12	12
Pixels (/module)	1	
Channels (/module)	3	
LED Type	3in1	
Color Range	RGB	
Beam Angle (°)	110	
Control	SPI	
Dimming	16 bit	

Installation Conditions & Lighting Data		
Minimum Pixel Pitch ¹ (mm)	ES3	80
	ES6	100
	ES12	200
Maximum String Length ¹ (m)	ES3, ES6	15
	ES12	10
Maximum Run Length Power ¹	ES3 (m)	20
	ES6, ES12 (m)	30
	ES3 (modules)	64
	ES6, ES12 (modules)	102
Maximum Run Length Data ¹ (modules)	@30fps	850
	@50fps	510
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGB (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹ More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	–40 to +60
Working Temperature (°C)	–25 to +55



IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS, ETL
Limited Warranty	5 Years

Physical		
Housing Material	ABS	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Black / Beige	
Cable Color	Black / Beige	
Connector Type	M16 5Pin	
Dimensions LxWxH (mm)	ES3	50 x 38 x 16,7
	ES6	60 x 48 x 16,7
	ES12	72 x 60 x 16,7
Weight (kg/module)	ES3	0,022
	ES6	0,033
	ES12	0,050

Options

Covers		
ES3	ES6	ES12
<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Flat Transparent
<input type="checkbox"/> Dome	<input type="checkbox"/> Dome	<input type="checkbox"/> Dome
<input type="checkbox"/> Globe		
<input type="checkbox"/> Turbo		

Accessories	
ES3	ES6
<input type="checkbox"/> Mounting Profile	<input type="checkbox"/> Mounting Profile

DiGi Module P20

Multi Color RGBW

Create bold façades with the DiGi Module P20. Designed for large and mid-size building surfaces where impact and visibility matter from a distance, it is built to perform in the most demanding climate conditions. With its wide pixel pitch, it is ideal for architectural and artistic expression adding an experience layer that enhances a building's physical form through patterns, motion, and bold light effects.

Its distinctive design offers three selectable power modes, allowing you to optimize output and run lengths to suit site requirements. Power modes can also be mixed across modules to introduce subtle variation and dynamic visual texture while maintaining a clean, professional appearance.

➤ Adaptive Output Control — Three power modes let you balance brightness, efficiency, and run length to suit each project.

➤ Fast, Flush Integration — Front mount, flush fit design streamlines installation and ensures clean architectural alignment.

CE

RoHS

IP67

IK08

Specifications

General	
Power Consumption (W)	5, 10, 20
Input Voltage (V DC)	48
LEDs (/module)	48
Pixels (/module)	8
Channels (/module)	32
Flicker Frequency (kHz)	16
LED Type	4in1
Color Range	RGBW
CRI	≥80
Beam Angle (°)	100
Control	DMX (RDM) / PxLNet
Dimming	16 bit

Installation Conditions & Lighting Data		
Maximum Run Length Power ¹ (m)	5 W	120
	10 W	60
	20 W	30
	Combined string	56
Maximum Run Length DMX (RDM) ¹ (m)	@45fps	8
Maximum Run Length PxLNet ¹ (m)	@40fps	64
	@60fps	32
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)	1343 (RGBW3000K 20W)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹ More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Installation Temperature (°C)	–40 to +85
Working Temperature (°C)	–25 to +85
Coastal Environmental Proof	Yes
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



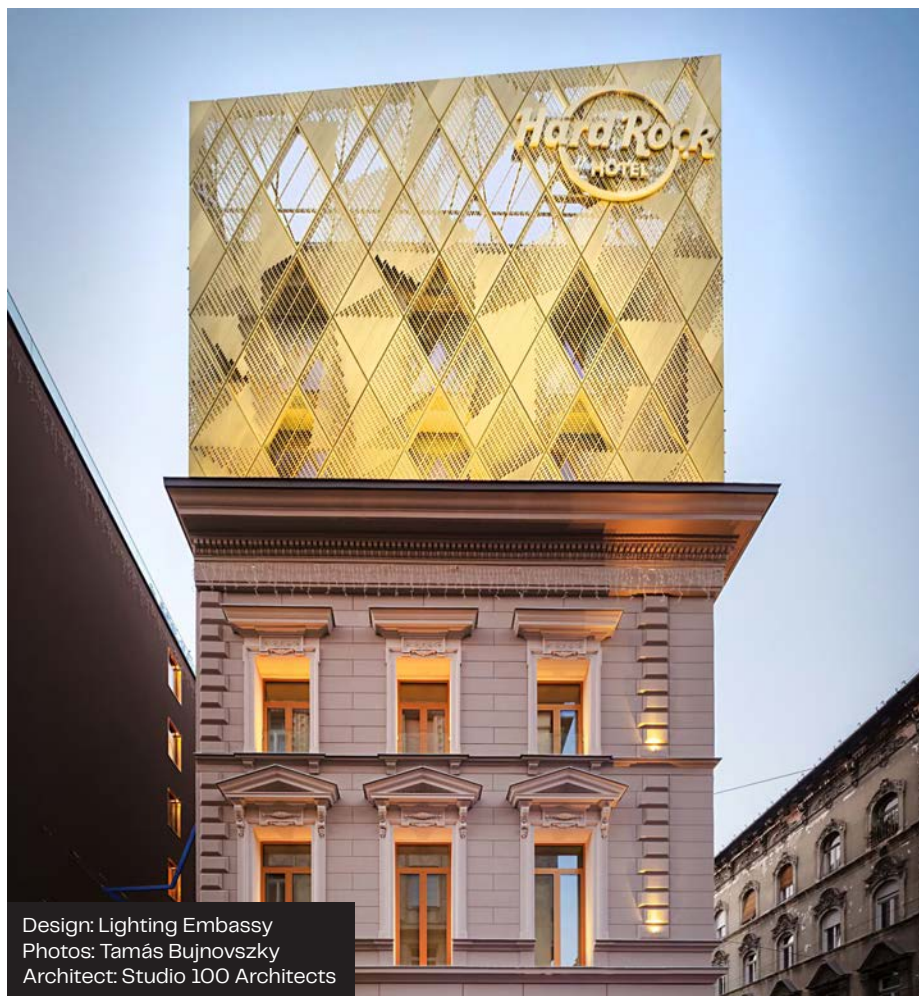
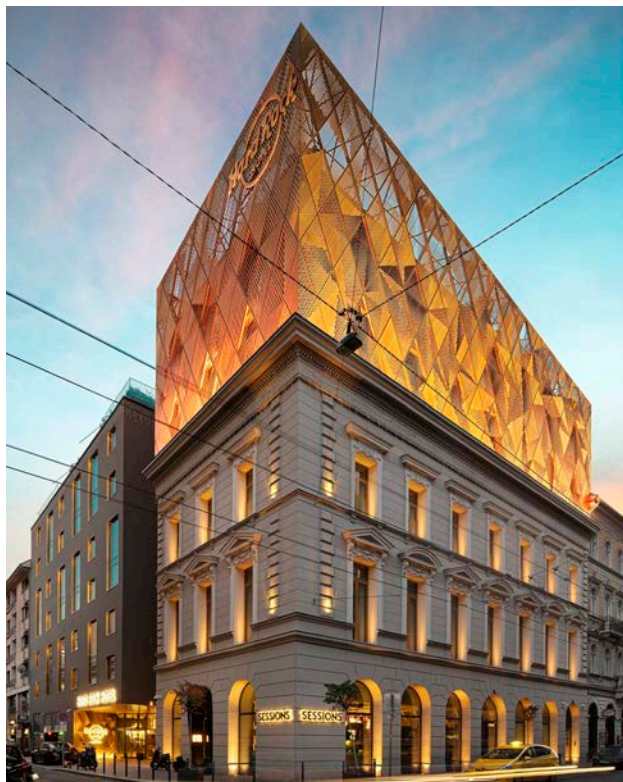
Physical	
Housing Material	Aluminum (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Cable Material	PCP
Housing Color	White RAL9003 (Custom on Request)
Cable Color	Black
Connector Type	M19 5Pin Panel Mount
Weight (kg/module)	0,95
Dimensions WxLxH (mm)	162 x 162 x 67,5

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	
<input type="checkbox"/> RGBW6500K	

The Transformative Power

The Hard Rock Hotel is a true landmark of Budapest, instantly recognizable by its distinctive metal framework. Even in day-light, its golden finish stands out through subtle, carefully considered highlighting. After dark, the building is enveloped in warm, energetic light, giving it a bold presence within the urban environment. Precisely placed illumination transforms the whole architectural structure, creating a strong visual identity that bridges the historic façade with a modern, vibrant character of the hotel.



Design: Lighting Embassy
Photos: Tamás Bujnovszky
Architect: Studio 100 Architects

The G54 Linear RGBW

Seamlessly integrated into the façade of a commercial city building, the G54 Linear humbly conceals itself while giving a showstopping power output. The result is a striking visual signature that comes alive after dark, with flexible color options. A full range of optics allows the G54 to excel in both wall washing and wall grazing applications, for each small detail to be highlighted with precision.

Hardrock Cafe

Linears

181

Linear G24 Multi Color RGBW

181

The Linear G24 RGBW offers dynamic color control for outdoor architectural applications such as façade grazing and washing, accent lighting, and landscape features. This weatherproof fixture combines full-spectrum RGB with white channels (2700K–5000K), ideal for commercial exteriors, hospitality, and public spaces.

With beam angle options from precise 25° accent lighting to broad 60° facade washes plus specialized asymmetric 20°x40° distribution, it delivers precise optical control for sophisticated lighting schemes requiring seamless color transitions.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W/m)	24	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41,6	
Delivered Lumens (/m)	2347 (G 25°)	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/m)	16	
Color Range	RGBW	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	16
Maximum Run Length DMX(RDM) (m)	@45fps	32
Maximum Run Length PxLNet (m)	@40fps	128
	@60fps	64
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	1,8
Dimensions WxH (mm)	38 x 62,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G24 Tunable White

181

The Linear G24 Tunable White delivers control for outdoor environments requiring adaptive white light. This robust fixture is ideal for grazing and washing applications and offers smooth CCT transitions from warm 1800K to cool 6000K, making it ideal for public plazas, building exteriors, and hospitality areas where tunable white technology supports both human comfort and architectural enhancement in weather-exposed installations.

Combined with a range of beam angles from 15° to 60° and specialized asymmetric distribution options, the Linear G24 Tunable White offers exceptional optical versatility for lighting designers while maintaining consistent architectural appeal.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	24
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	2449
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	2in1
Channels (/m)	12
Color Range	Tunable White
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	16
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	1,8
Dimensions WxH (mm)	38 x 62,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> 1800K–6000K	
<input type="checkbox"/> 2700K–6000K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 15°	<input type="checkbox"/> 60°
<input type="checkbox"/> 25°	<input type="checkbox"/> 20°x40°
<input type="checkbox"/> 45°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G24 White

181

The Linear G24 White delivers uniform illumination for outdoor architectural applications requiring fixed-temperature lighting, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

It is available in 2200K, 2700K, 3000K, 3500, 4000K, 5000K, 5700K and 6500K. With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G100 provides exceptional optical versatility for lighting designers while maintaining architectural consistency.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W/m)	24	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41,6	
Delivered Lumens (/m)	2539	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/m)	12	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	16
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	1,8
Dimensions WxH (mm)	38 x 62,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT		
<input type="checkbox"/> 2200K	<input type="checkbox"/> 4000K	
<input type="checkbox"/> 2700K	<input type="checkbox"/> 5000K	
<input type="checkbox"/> 3000K	<input type="checkbox"/> 5700K	
<input type="checkbox"/> 3500K	<input type="checkbox"/> 6500K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G36 Multi Color RGBW

181

The Linear G36 RGBW offers dynamic color control for outdoor architectural applications such as façade grazing and washing, accent lighting, and landscape features. This weatherproof fixture combines full-spectrum RGB with white channels (2700K–5000K), ideal for commercial exteriors, hospitality, and public spaces.

With beam angle options from precise 25° accent lighting to broad 60° facade washes plus specialized asymmetric 20°x40° distribution, it delivers precise optical control for sophisticated lighting schemes requiring seamless color transitions.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	36
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	2295 (G 45°)
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	11
Maximum Run Length DMX(RDM) (m)	@45fps	32
Maximum Run Length PxLNet (m)	@40fps	128
	@60fps	64
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,1
Dimensions WxH (mm)	42 x 63,7
Standard Length (mm)	500, 750, 1000

Options

Color/CCT		
<input type="checkbox"/> RGBW2700K		
<input type="checkbox"/> RGBW3000K		
<input type="checkbox"/> RGBW4000K		
<input type="checkbox"/> RGBW5000K		

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G36 Tunable White

The Linear G36 Tunable White delivers control for outdoor environments requiring adaptive white light. This robust fixture is ideal for grazing and washing applications and offers smooth CCT transitions from warm 1800K to cool 6000K, making it ideal for public plazas, building exteriors, and hospitality areas where tunable white technology supports both human comfort and architectural enhancement in weather-exposed installations.

Combined with a range of beam angles from 15° to 60° and specialized asymmetric distribution options, the Linear G36 Tunable White offers exceptional optical versatility for lighting designers while maintaining consistent architectural appeal.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W/m)	36	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41,6	
Delivered Lumens (/m)	2946	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/m)	12	
Color Range	Tunable White	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	11
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,1
Dimensions WxH (mm)	42 x 63,7
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> 1800K-6000K	
<input type="checkbox"/> 2700K-6000K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 15°	<input type="checkbox"/> 60°
<input type="checkbox"/> 25°	<input type="checkbox"/> 20°x40°
<input type="checkbox"/> 45°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G36 White

The Linear G36 White delivers consistent illumination for outdoor architectural applications requiring reliable fixed-temperature lighting. This weatherproof fixture offers stable performance across color temperatures from ultra-warm 2200K to cool 6500K, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G36 provides exceptional optical versatility for lighting designers while maintaining architectural consistency.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	36
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	3376
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	SMD3030
Channels (/m)	12
Color Range	Single Color
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	11
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,8
Dimensions WxH (mm)	42 x 63,7
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> 2200K	<input type="checkbox"/> 4000K
<input type="checkbox"/> 2700K	<input type="checkbox"/> 5000K
<input type="checkbox"/> 3000K	<input type="checkbox"/> 5700K
<input type="checkbox"/> 3500K	<input type="checkbox"/> 6500K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G54 Multi Color RGBW

181

The Linear G54 RGBW offers dynamic color control for outdoor architectural applications such as façade grazing and washing, accent lighting, and landscape features. This weatherproof fixture combines full-spectrum RGB with white channels (2700K–5000K), ideal for commercial exteriors, hospitality, and public spaces.

With beam angle options from precise 25° accent lighting to broad 60° facade washes plus specialized asymmetric 20°x40° distribution, it delivers precise optical control for sophisticated lighting schemes requiring seamless color transitions.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W/m)	54	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41,6	
Delivered Lumens (/m)	2464 (G 45°)	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/m)	16	
Color Range	RGBW	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	6
Maximum Run Length DMX(RDM) (m)	@45fps	32
Maximum Run Length PxLNet (m)	@40fps	128
	@60fps	64
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,8
Dimensions WxH (mm)	55 x 81,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics
<input type="checkbox"/> 25°
<input type="checkbox"/> 45°
<input type="checkbox"/> 60°
<input type="checkbox"/> 20°x40°

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Linear G54 Tunable White

181

The Linear G54 Tunable White delivers control for outdoor environments requiring adaptive white light. This robust fixture is ideal for grazing and washing applications and offers smooth CCT transitions from warm 1800K to cool 6000K, making it ideal for public plazas, building exteriors, and hospitality areas where tunable white technology supports both human comfort and architectural enhancement in weather-exposed installations.

Combined with a range of beam angles from 15° to 60° and specialized asymmetric distribution options, the Linear G54 Tunable White offers exceptional optical versatility for lighting designers while maintaining consistent architectural appeal.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41,6
Delivered Lumens (/m)	4651
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	2in1
Channels (/m)	12
Color Range	Tunable White
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	6
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,8
Dimensions WxH (mm)	55 x 81,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT
<input type="checkbox"/> 1800K–6000K
<input type="checkbox"/> 2700K–6000K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics

☐ 15°

☐ 25°

☐ 45°

☐ 60°

☐ 20°x40°

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Linear G54

White

181

The Linear G54 White delivers consistent illumination for outdoor architectural applications requiring reliable fixed-temperature lighting. This weatherproof fixture offers stable performance across color temperatures from ultra-warm 2700K to cool 5000K, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G54 provides exceptional optical versatility for lighting designers while maintaining architectural consistency.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE

RoHS

IP67

IK08

Specifications

General		
Power Consumption (W/m)	54	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41,6	
Delivered Lumens (/m)	4584	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/m)	12	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	6
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	2,8
Dimensions WxH (mm)	55 x 81,5
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G100

Multi Color RGBW

181

The Linear G100 RGBW offers dynamic color control for outdoor architectural applications such as façade grazing and washing, accent lighting, and landscape features. This weatherproof fixture combines full-spectrum RGB with white channels (2700K–5000K), ideal for commercial exteriors, hospitality, and public spaces.

With beam angle options from precise 25° accent lighting to broad 60° facade washes plus specialized asymmetric 20°x40° distribution, it delivers precise optical control for sophisticated lighting schemes requiring seamless color transitions.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE

RoHS

IP67

IK08

Specifications

General	
Power Consumption (W/m)	100
Input Voltage (V DC)	48
LEDs (/m)	36
LED Pitch (mm)	27,7
Delivered Lumens (/m)	6565 (G 25°)
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	3
Maximum Run Length DMX(RDM) (m)	@45fps	32
Maximum Run Length PxLNet (m)	@40fps	128
	@60fps	64
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	3,6
Dimensions WxH (mm)	67,5 x 103
Standard Length (mm)	500, 750, 1000

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear G100 Tunable White

The Linear G100 Tunable White delivers control for outdoor environments requiring adaptive white light. This robust fixture is ideal for grazing and washing applications and offers smooth CCT transitions from warm 1800K to cool 6000K, making it ideal for public plazas, building exteriors, and hospitality areas where tunable white technology supports both human comfort and architectural enhancement in weather-exposed installations.

Combined with a range of beam angles from 15° to 60° and specialized asymmetric distribution options, the Linear G100 Tunable White offers exceptional optical versatility for lighting designers while maintaining consistent architectural appeal.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W/m)	100	
Input Voltage (V DC)	48	
LEDs (/m)	36	
LED Pitch (mm)	27,7	
Delivered Lumens (/m)	6916	
Pixels (/m)	4	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/m)	12	
Color Range	Tunable White	
CRI	≥80 (Custom on request)	
Control	DMX (RDM)/ PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	3
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	3,6
Dimensions WxH (mm)	67,5 x 103
Standard Length (mm)	500, 750, 1000

Options

Color/CCT
<input type="checkbox"/> 1800K-6000K
<input type="checkbox"/> 2700K-6000K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 15°	<input type="checkbox"/> 60°
<input type="checkbox"/> 25°	<input type="checkbox"/> 20°x40°
<input type="checkbox"/> 45°	

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Linear G100 White

The Linear G100 White delivers uniform illumination for outdoor architectural applications requiring fixed-temperature lighting, making it ideal for continuous facade grazing, washing, building perimeter lighting and landscape architectural features where consistent light quality and minimal maintenance are essential in exposed outdoor environments.

It is available in 2700K, 3000K, 4000K, 5000K. With a wide range of beam angle options (12° to 60°) and specialized asymmetric distributions, the Linear G100 provides exceptional optical versatility for lighting designers while maintaining architectural consistency.

↘ Long-Run Performance – Engineered for extended lighting runs with reliable DMX (RDM) or PxLNet control.

↘ Pixel-Precision Control – 4 pixels per meter enabling smooth color transitions, dynamic effects, and precise architectural lighting design.

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	100
Input Voltage (V DC)	48
LEDs (/m)	36
LED Pitch (mm)	27,7
Delivered Lumens (/m)	7640
Pixels (/m)	4
Flicker Frequency (kHz)	16
LED Type	SMD3030
Channels (/m)	12
Color Range	Single Color
CRI	≥80 (Custom on request)
Control	DMX (RDM)/ PxLNet
Dimming	16 Bit

Installation conditions & Lighting Data		
Maximum Run Length (m)	Single Feed	3
Maximum Run Length DMX(RDM) (m)	@45fps	42
Maximum Run Length PxLNet (m)	@40fps	170
	@60fps	85
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/m)	3,6
Dimensions WxH (mm)	67,5 x 103
Standard Length (mm)	500, 750, 1000

Options

Color/CCT
<input type="checkbox"/> 2700K
<input type="checkbox"/> 3000K
<input type="checkbox"/> 4000K
<input type="checkbox"/> 5000K

Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Waldorf Astoria

A Perfect Symmetry

Created in collaboration with Huda Lighting, the Waldorf Astoria glows in quiet symphony across the Dubai skyline. Like a golden crown, the building's polygon form is elevated through illumination, carefully balancing the interplay of shadow and light. A striking example of how projector can create an interactive dialogue between tradition and modernity



The Beam F12

Crafted for static white applications, the Beam F12 brings exceptional clarity and warmth, revealing materials and textures with natural, inviting light. From gentle highlights to expressive accents, it bathes the architecture in its warm ambience. Balancing high power and definition, The Beam F12 casts each ray of light with intention.

Beam F12 Multi Color RGBW

181

The Beam F12 delivers precision optics for decorative or accent lighting of sculptures, signage, and other landscaping or architectural details. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for dynamic lighting applications, the Beam F12 RGBW offers outstanding versatility; rendering high-quality white light, bold saturated hues, or delicate pastels with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F12 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	12	
Input Voltage (V DC)	48	
LEDs (/pc)	6	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/pc)	4	
Color Range	RGBW	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	32		
Delivered Lumen Full White (lm)	404 (RGBW3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64	
Maximum Data Run Length PxLNet (pcs)	@40fps	512	
	@60fps	256	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	1,15
Dimensions WxH (mm)	125 x 155

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Optics
<input type="checkbox"/> 15°
<input type="checkbox"/> 25°
<input type="checkbox"/> 45°
<input type="checkbox"/> 60°
<input type="checkbox"/> 20°x40° ¹

¹ Both Horizontal and Vertical alignment available

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Accessories
<input type="checkbox"/> Half Glare Shield
<input type="checkbox"/> Honeycomb

Beam F12 Tunable White

181

The Beam F12 delivers precision optics for decorative or accent lighting of sculptures, signage, and other landscaping or architectural details. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for tunable white lighting applications, the Beam F12 Tunable White offers outstanding versatility; rendering high-quality tunable white light with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F12 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W)	12
Input Voltage (V DC)	48
LEDs (/pc)	6
Pixels (/pc)	1
Flicker Frequency (kHz)	16
LED Type	2in1
Channels (/pc)	3
Color Range	Tunable White
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	32		
Delivered Lumen Full White (lm)	1060 (1800K-6000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	1,15
Dimensions WxH (mm)	125 x 155

Options

Color/CCT
<input type="checkbox"/> 1800K–6000K
<input type="checkbox"/> 2700K–6000K

Optics
<input type="checkbox"/> 15°
<input type="checkbox"/> 25°
<input type="checkbox"/> 45°
<input type="checkbox"/> 60°
<input type="checkbox"/> 20°x40° ¹

¹ Both Horizontal and Vertical alignment available

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Accessories
<input type="checkbox"/> Half Glare Shield
<input type="checkbox"/> Honeycomb

Beam F12 White

181

The Beam F12 delivers precision optics for decorative or accent lighting of sculptures, signage, and other landscaping or architectural details. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for static white lighting applications, the Beam F12 White offers outstanding versatility; rendering high-quality static white lighting with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F12 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect



CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	12	
Input Voltage (V DC)	48	
LEDs (/pc)	6	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	3	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	32		
Delivered Lumen Full White (lm)	1121 (3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +90
Working Temperature (°C)	−30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	1,15
Dimensions WxH (mm)	125 x 155

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	

Optics	
<input type="checkbox"/> 10°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 10°x35° ¹
<input type="checkbox"/> 30°	<input type="checkbox"/> 10°x50° ¹
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x50° ¹

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F36 Multi Color RGBW

181

The Beam F36 delivers precision optics for architectural highlighting of mid-sized facades, monuments, trees or architectural features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for dynamic lighting applications, the Beam F36 RGBW offers outstanding versatility; rendering high-quality white light, bold saturated hues, or delicate pastels with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F36 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect



CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	36	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/pc)	4	
Color Range	RGBW	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	10		
Delivered Lumen Full White (lm)	1771 (RGBW3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64	
Maximum Data Run Length PxLNet (pcs)	@40fps	512	
	@60fps	256	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +90
Working Temperature (°C)	−30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	2,55
Dimensions WxHxD (mm)	206 x 180 x 210

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F36 Tunable White

181

The Beam F36 delivers precision optics for architectural highlighting of mid-sized facades, monuments, trees or architectural features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for tunable white lighting applications, the Beam F36 Tunable White offers outstanding versatility; rendering high-quality tunable white light with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F36 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	36	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/pc)	3	
Color Range	Tunable White	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	10		
Delivered Lumen Full White (lm)	3177 (1800K–6000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	2,55
Dimensions WxHxD (mm)	206 x 180 x 210

Options

Color/CCT	
<input type="checkbox"/> 1800K–6000K	
<input type="checkbox"/> 2700K–6000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F36 White

181

The Beam F36 delivers precision optics for architectural highlighting of mid-sized facades, monuments, trees or architectural features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring smaller-scale architectural features stand out.

Designed for static white lighting applications, the Beam F36 White offers outstanding versatility; rendering high-quality static white lighting with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F36 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	36	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	3	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	10		
Delivered Lumen Full White (lm)	3363 (3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	2,55
Dimensions WxHxD (mm)	206 x 180 x 210

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	

Optics	
<input type="checkbox"/> 10°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 10°x35° ¹
<input type="checkbox"/> 30°	<input type="checkbox"/> 10°x50° ¹
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x50° ¹

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F54 Multi Color RGBW

181

The Beam F54 delivers precision optics for medium scale applications like building fronts, monuments, water features or trees. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for dynamic lighting applications, the Beam F54 RGBW offers outstanding versatility; rendering high-quality white light, bold saturated hues, or delicate pastels with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F54 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	54	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/pc)	4	
Color Range	RGBW	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	8		
Delivered Lumen Full White (lm)	2533 (RGBW3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64	
Maximum Data Run Length PxLNet (pcs)	@40fps	512	
	@60fps	256	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	3,2
Dimensions WxH (mm)	200 x 230

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F54 Tunable White

181

The Beam F54 delivers precision optics for medium scale applications like building fronts, monuments, water features or trees. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for tunable white lighting applications, the Beam F54 Tunable White offers outstanding versatility; rendering high-quality tunable white light with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F54 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	54	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/pc)	3	
Color Range	Tunable White	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	8		
Delivered Lumen Full White (lm)	4662 (1800K–6000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	3,2
Dimensions WxH (mm)	200 x 230

Options

Color/CCT	
<input type="checkbox"/> 1800K–6000K	
<input type="checkbox"/> 2700K–6000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F54 White

The Beam F54 delivers precision optics for medium scale applications like building fronts, monuments, water features or trees. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for static white lighting applications, the Beam F54 White offers outstanding versatility; rendering high-quality static white lighting with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F54 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	54	
Input Voltage (V DC)	48	
LEDs (/pc)	18	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	3	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	8		
Delivered Lumen Full White (lm)	5045 (3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +90
Working Temperature (°C)	−30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	3,2
Dimensions WxH (mm)	200 x 230

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	

Optics	
<input type="checkbox"/> 10°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 30°x60° ¹
<input type="checkbox"/> 30°	<input type="checkbox"/> 10°x40° ¹
<input type="checkbox"/> 45°	<input type="checkbox"/> 10°x60° ¹

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F72 Multi Color RGBW

The Beam F72 delivers precision optics for facade and landscape lighting like museums, civic buildings plazas and park features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for dynamic lighting applications, the Beam F72 RGBW offers outstanding versatility; rendering high-quality white light, bold saturated hues, or delicate pastels with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F72 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W)	72
Input Voltage (V DC)	48
LEDs (/pc)	24
Pixels (/pc)	1
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/pc)	4
Color Range	RGBW
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	6		
Delivered Lumen Full White (lm)	3607 (RGBW3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64	
Maximum Data Run Length PxLNet (pcs)	@40fps	512	
	@60fps	256	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +90
Working Temperature (°C)	−30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	4,8
Dimensions WxH (mm)	225 x 265

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F72 Tunable White

The Beam F72 delivers precision optics for facade and landscape lighting like museums, civic buildings plazas and park features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for tunable white lighting applications, the Beam F72 Tunable White offers outstanding versatility; rendering high-quality tunable white light with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F72 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	72	
Input Voltage (V DC)	48	
LEDs (/pc)	24	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/pc)	3	
Color Range	Tunable White	
CRI	≈80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	6		
Delivered Lumen Full White (lm)	6216 (1800K–6000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	4,8
Dimensions WxH (mm)	225 x 265

Options

Color/CCT	
<input type="checkbox"/> 1800K–6000K	
<input type="checkbox"/> 2700K–6000K	

Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F72 White

The Beam F72 delivers precision optics for facade and landscape lighting like museums, civic buildings plazas and park features. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for static white lighting applications, the Beam F72 White offers outstanding versatility; rendering high-quality static white lighting with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F72 is a reliable solution for bringing your lighting concept to reality.

↳ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

↳ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	72	
Input Voltage (V DC)	48	
LEDs (/pc)	24	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	3	
Color Range	Single Color	
CRI	≈80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length (pcs)	6		
Delivered Lumen Full White (lm)	6726 (3000K 45°)		
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85	
Maximum Data Run Length PxLNet (pcs)	@40fps	680	
	@60fps	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M16 5Pin
Weight (kg/pc)	4,8
Dimensions WxH (mm)	225 x 265

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	

Optics	
<input type="checkbox"/> 10°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 30°x60° ¹
<input type="checkbox"/> 30°	<input type="checkbox"/> 10°x40° ¹
<input type="checkbox"/> 45°	<input type="checkbox"/> 10°x60° ¹

¹ Both Horizontal and Vertical alignment available

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Accessories	
<input type="checkbox"/> Half Glare Shield	
<input type="checkbox"/> Honeycomb	

Beam F120 AC Multi Color RGBW

The Beam F120 delivers precision optics for landmark and structure illumination like bridges, skyscrapers, domes and large facades. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for dynamic lighting applications, the Beam F120 RGBW offers outstanding versatility; rendering high-quality white light, bold saturated hues, or delicate pastels with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F120 is a reliable solution for bringing your lighting concept to reality.

➤ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

➤ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	120	
Input Voltage (V AC)	115–277	
LEDs (/pc)	48	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	4in1	
Channels (/pc)	4	
Color Range	RGBW	
CRI	≈80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data

Maximum Run Length 115 V AC (pcs)	5	
Maximum Run Length 230 V AC (pcs)	10	
Delivered Lumen Full White (lm)	8496 (RGBW3000K 45°)	
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	64
Maximum Data Run Length PxLNet (pcs)	@40fps	512
	@60fps	256
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating

Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical		
Housing Material	Aluminium (ADC12)	
Cover Material	Tempered Glass	
Connector Material	Nylon (PA66)	
Housing Color	Grey RAL7047 (Custom on request)	
Cable Material	PCP	
Cable Color	Black	
Connector Type	M20 7Pin	
Weight (kg/pc)	7,6	
Dimensions WxHxD (mm)	405 x 275 x 120	

Options

Color/CCT

- ☐ RGBW2700K
- ☐ RGBW3000K
- ☐ RGBW4000K
- ☐ RGBW5000K

Optics

- ☐ 15°
- ☐ 25°
- ☐ 45°
- ☐ 60°
- ☐ 20°x40°¹

¹ Both Horizontal and Vertical alignment available

Control

- ☐ DMX (RDM)
- ☐ PxLNet

Accessories

- ☐ Half Glare Shield
- ☐ Honeycomb

Beam F120 AC Tunable White

The Beam F120 delivers precision optics for landmark and structure illumination like bridges, skyscrapers, domes and large facades. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for tunable white lighting applications, the Beam F120 Tunable White offers outstanding versatility; rendering high-quality tunable white light with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F120 is a reliable solution for bringing your lighting concept to reality.

➤ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

➤ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	120	
Input Voltage (V AC)	115–277	
LEDs (/pc)	48	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/pc)	3	
Color Range	Tunable White	
CRI	≈80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data

Maximum Run Length 115 V AC (pcs)	5	
Maximum Run Length 230 V AC (pcs)	10	
Delivered Lumen Full White (lm)	9722 (1800K–6000K 45°)	
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85
Maximum Data Run Length PxLNet (pcs)	@40fps	680
	@60fps	340
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating

Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical		
Housing Material	Aluminium (ADC12)	
Cover Material	Tempered Glass	
Connector Material	Nylon (PA66)	
Housing Color	Grey RAL7047 (Custom on request)	
Cable Material	PCP	
Cable Color	Black	
Connector Type	M20 7Pin	
Weight (kg/pc)	7,6	
Dimensions WxHxD (mm)	405 x 275 x 120	

Options

Color/CCT

- ☐ 1800K–6000K
- ☐ 2700K–6000K

Optics

- ☐ 15°
- ☐ 25°
- ☐ 45°
- ☐ 60°
- ☐ 20°x40°¹

¹ Both Horizontal and Vertical alignment available

Control

- ☐ DMX (RDM)
- ☐ PxLNet

Accessories

- ☐ Half Glare Shield
- ☐ Honeycomb

Beam F120 AC White

The Beam F120 delivers precision optics for landmark and structure illumination like bridges, skyscrapers, domes and large facades. It strikes the perfect balance between high lumen output and detailed beam control, ensuring medium scale architectural features stand out.

Designed for static white lighting applications, the Beam F120 White offers outstanding versatility; rendering high-quality static white lighting with exceptional color accuracy. With a choice of symmetrical and asymmetrical beam distributions the Beam F120 is a reliable solution for bringing your lighting concept to reality.

➤ Robust environmental protection – Due to a coastal proof coating and IK08 and IP67 rating

➤ Asymmetric & Symmetric Beam Angle options available – To achieve the desired effect

CE RoHS IP67 IK08

Specifications

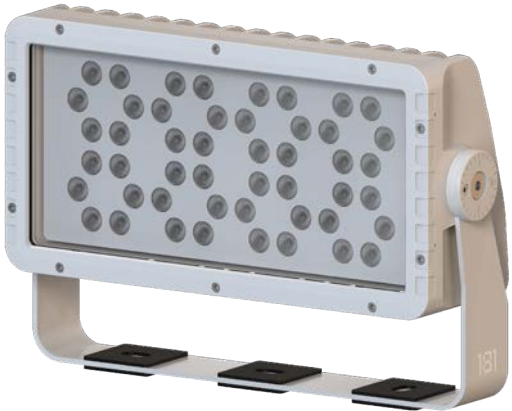
General		
Power Consumption (W)	120	
Input Voltage (V AC)	115–277	
LEDs (/pc)	48	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	3	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data

Maximum Run Length 115 V AC (pcs)	5	
Maximum Run Length 230 V AC (pcs)	10	
Delivered Lumen Full White (lm)	11210 (3000K 45°)	
Maximum Data Run Length DMX(RDM) (pcs)	@45fps	85
Maximum Data Run Length PxLNet (pcs)	@40fps	680
	@60fps	340
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating

Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years



Physical

Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M20 7Pin
Weight (kg/pc)	7,6
Dimensions WxHxD (mm)	405 x 275 x 120

Options

Color/CCT

- ☐ 2700K
☐ 3000K
☐ 4000K
☐ 5000K

Optics

- ☐ 10° ☐ 60°
☐ 15° ☐ 30°x60°¹
☐ 30° ☐ 10°x40°¹
☐ 45° ☐ 10°x60°¹

¹ Both Horizontal and Vertical alignment available

Control

- ☐ DMX (RDM)
☐ PxLNet

Accessories

- ☐ Half Glare Shield
☐ Honeycomb

Beam F250 AC Multi Color RGBW

The Beam F250 delivers high-performance architectural highlighting with superior light output for demanding facade illumination, landscape accent lighting, and large-scale architectural feature highlighting. The F120 offers various options in RGBW configurations with environmental protection including coastal environment proof rating.

With beam angle options from 10° spots to wide 60° floods plus asymmetric distributions, the Beam F250 provides precise optical control and enhanced luminous intensity for professional lighting applications across hospitality, commercial, and architectural projects requiring greater illumination coverage.

➤ Triple LED Array Technology – 96 high-efficiency LEDs delivering 3x the light output for large-scale architectural applications

➤ High-Frequency LED Drive – 16kHz flicker-free operation for broadcast and film-safe applications with superior light quality

CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W)	250
Input Voltage (V AC)	115–277
LEDs (/pc)	96
Pixels (/pc)	1
Flicker Frequency (kHz)	16
LED Type	4in1
Channels (/pc)	4
Power Balance Technology	Yes
Power Balance Single Color (W)	120
Color Range	RGBW
CRI	≥80 (Custom on request)
Control	DMX(RDM)/PxLNet
Dimming	16 Bit

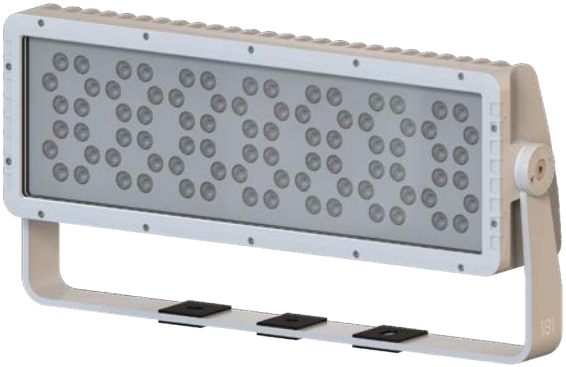
Installation conditions & Lighting Data

Maximum Run Length 115 V AC (pcs)	Single Feed	2
	Double Feed	4
Maximum Run Length 230 V AC (pcs)	Single Feed	4
	Double Feed	8
Maximum Data Run Length @30fps (pcs)	512	
Maximum Data Run Length @50fps (pcs)	256	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating

Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	5 Years*

* Please read the product warranty terms before use.



Physical

Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M20 7Pin
Weight (kg/pc)	15,5
Dimensions WxHxD (mm)	643 x 355 x 136

Options

Color/CCT

- ☐ RGBW3000K
☐ RGBW4000K
☐ RGBW5000K

Optics

- ☐ 15°
☐ 25°
☐ 45°
☐ 60°
☐ 20°x40°¹

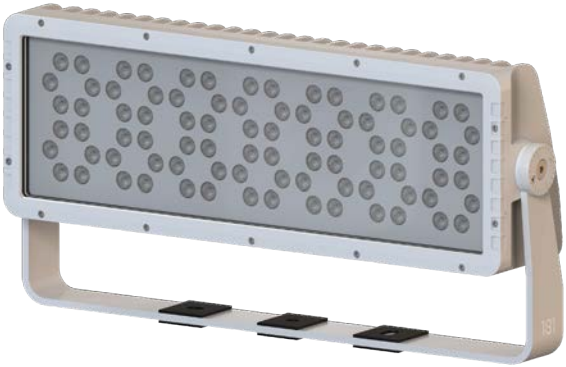
Beam F250 AC Tunable White

The Beam F250 delivers high-performance architectural highlighting with superior light output for demanding facade illumination, landscape accent lighting, and large-scale architectural feature highlighting. The F120 offers various options in tunable white configurations with environmental protection including coastal environment proof rating.

With beam angle options from 10° spots to wide 60° floods plus asymmetric distributions, the Beam F250 provides precise optical control and enhanced luminous intensity for professional lighting applications across hospitality, commercial, and architectural projects requiring greater illumination coverage.

↘ Triple LED Array Technology – 96 high-efficiency LEDs delivering 3x the light output for large-scale architectural applications

↘ High-Frequency LED Drive – 16kHz flicker-free operation for broadcast and film-safe applications with superior light quality



CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	250	
Input Voltage (V AC)	115–277	
LEDs (/pc)	96	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	2in1	
Channels (/pc)	4	
Power Balance Technology	Yes	
Power Balance Single Color (W)	140	
Color Range	Tunable White	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length 115 V AC (pcs)	Single Feed	2
	Double Feed	4
Maximum Run Length 230 V AC (pcs)	Single Feed	4
	Double Feed	8
Maximum Data Run Length @30fps (pcs)	680	
Maximum Data Run Length @50fps (pcs)	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	5 Years*

* Please read the product warranty terms before use.

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M20 7Pin
Weight (kg/pc)	15,5
Dimensions WxHxD (mm)	643 x 355 x 136

Options

Color/CCT	
<input type="checkbox"/> 1800K–6000K	
<input type="checkbox"/> 2700K–6000K	
Optics	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40° ¹	
¹ Both Horizontal and Vertical alignment available	

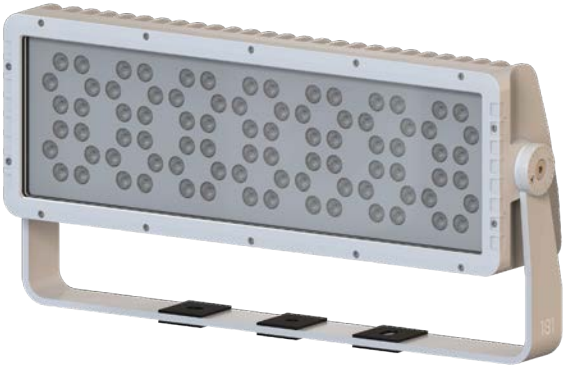
Beam F250 AC White

The Beam F250 delivers high-performance architectural highlighting with superior light output for demanding facade illumination, landscape accent lighting, and large-scale architectural feature highlighting. The F120 offers various options in single color configurations with environmental protection including coastal environment proof rating.

With beam angle options from 10° spots to wide 60° floods plus asymmetric distributions, the Beam F250 provides precise optical control and enhanced luminous intensity for professional lighting applications across hospitality, commercial, and architectural projects requiring greater illumination coverage.

↘ Triple LED Array Technology – 96 high-efficiency LEDs delivering 3x the light output for large-scale architectural applications

↘ High-Frequency LED Drive – 16kHz flicker-free operation for broadcast and film-safe applications with superior light quality



CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	250	
Input Voltage (V AC)	115–277	
LEDs (/pc)	96	
Pixels (/pc)	1	
Flicker Frequency (kHz)	16	
LED Type	SMD3030	
Channels (/pc)	4	
Power Balance Single Color (W)	120	
Color Range	Single Color	
CRI	≥80 (Custom on request)	
Control	DMX(RDM)/PxLNet	
Dimming	16 Bit	

Installation conditions & Lighting Data		
Maximum Run Length 115 V AC (pcs)	Single Feed	2
	Double Feed	4
Maximum Run Length 230 V AC (pcs)	Single Feed	4
	Double Feed	8
Maximum Data Run Length @30fps (pcs)	680	
Maximum Data Run Length @50fps (pcs)	340	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +90
Working Temperature (°C)	–30 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	5 Years*

* Please read the product warranty terms before use.

Physical	
Housing Material	Aluminium (ADC12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on request)
Cable Material	PCP
Cable Color	Black
Connector Type	M20 7Pin
Weight (kg/pc)	15,5
Dimensions WxHxD (mm)	643 x 355 x 136

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	
Optics	
<input type="checkbox"/> 10°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 30°x60° ¹
<input type="checkbox"/> 30°	<input type="checkbox"/> 10°x40° ¹
<input type="checkbox"/> 45°	<input type="checkbox"/> 10°x60° ¹
¹ Both Horizontal and Vertical alignment available	

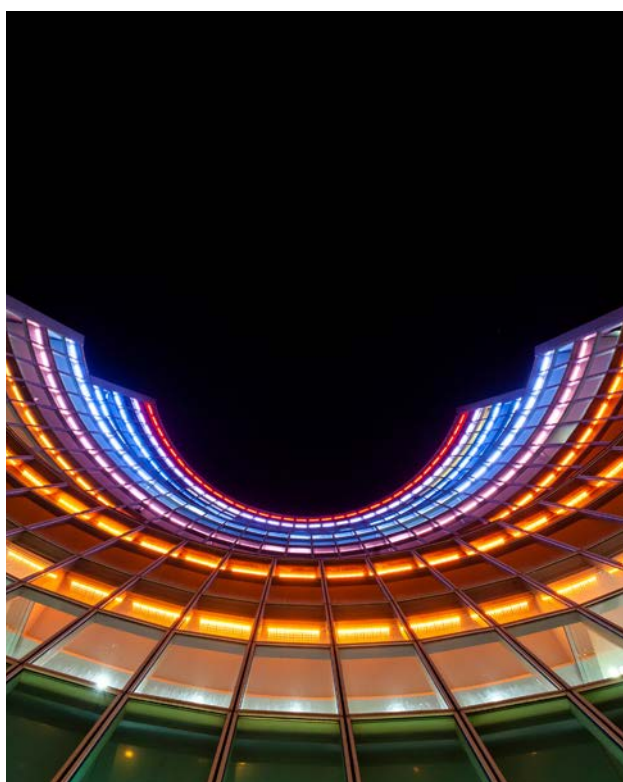
Special Application Linears

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ABC Bank

A Living Tapestry

In the vibrant streets of Buhrain, the ABC Bank headquarters glow like a colorful canvas brought to life. It's unique moon-shaped inner courtyard radiates with vivid light, reminiscent of a hidden gemstone revealed within stone. Each window frame is thoroughly equipped with flexible linears that follow the semi-circle outline, ultimately coming together in synchronized harmony.



Client: Bahrain ABC Bank
Supplied by: Al bait Lighting

Linear Flex RGB

Designed for precise adaptability, the Linear Flex RGB bends to the needs of your design. A highly resistant and robust fixture built for long-lasting performance even in the harshest environments, it supports vivid, dynamic effects with ease and consistency. This perfect combination of flexibility and durability opens the door to bold creative possibilities across any architectural setting.

Linear Soft Line

Multi Color RGBW

181

The Linear Soft Line offers a sophisticated solution for revealing textural elements in premium spaces. Its distinctive soft optic creates smooth illumination that highlights architectural surfaces with elegance and precision, eliminating harsh shadows and hotspots that compromise design integrity.

Perfect for grazing stone facades, textured walls, and surfaces in high-end hospitality, luxury retail, and premium residential environments. This versatile fixture delivers refined, controlled lighting that showcases textures exactly as intended while enhancing rather than overwhelming architectural features.

- ↳ Distinctive soft optic technology – Creates exceptionally smooth, even illumination without harsh shadows or hotspots
- ↳ Premium texture highlighting – Specifically designed to reveal and enhance architectural surface details with precision



CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	24
Input Voltage (V DC)	24
LEDs (/m)	80
LED Pitch (mm)	12,5
Pixels (/m)	2
Flicker Frequency (kHz)	0,97
LED Type	4in1
Channels (/m)	8
Color Range	RGBW
Optic (°)	12x66
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Physical	
Housing Material	Aluminum (AA6063)
Connector Material	Nylon (PA66)
Cover Material	Tempered Glass
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M12 5Pin
Weight (kg/m)	1,4
Dimensions WxH (mm)	65 x 55
Length (mm)	500 / 1000

Installation Conditions & Lighting Data		
Maximum Run Length Power¹ (m)	6	
Maximum Run Length Data¹ (m)	@45fps	64
Delivered Lumen Full RGBW (lm)		
Lumen Maintenance Calculated	L80B10 50,000	
Hours (h)		

¹More details can be found in the Installation Guide document.

- ☐ RGBW2700K
- ☐ RGBW3000K
- ☐ RGBW4000K
- ☐ RGBW5000K

Length

- ☐ 500 mm
- ☐ 1000 mm

Accessories

- ☐ Glare Shield

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Linear Soft Line

Tunable White

181

The Linear Soft Line offers a sophisticated solution for revealing textural elements in premium spaces. Its distinctive soft optic creates smooth illumination that highlights architectural surfaces with elegance and precision, eliminating harsh shadows and hotspots that compromise design integrity.

Perfect for grazing stone facades, textured walls, and surfaces in high-end hospitality, luxury retail, and premium residential environments. This versatile fixture delivers refined, controlled lighting that showcases textures exactly as intended while enhancing rather than overwhelming architectural features.

- ↳ Distinctive soft optic technology – Creates exceptionally smooth, even illumination without harsh shadows or hotspots
- ↳ Premium texture highlighting – Specifically designed to reveal and enhance architectural surface details with precision



CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W/m)	24
Input Voltage (V DC)	24
LEDs (/m)	192
LED Pitch (mm)	10,4
Pixels (/m)	2
Flicker Frequency (kHz)	0,97
LED Type	Discrete
Channels (/m)	6
Color Range	Tunable White
Optic (°)	12x66
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Installation Conditions & Lighting Data		
Maximum Run Length Power¹ (m)	6	
Maximum Run Length Data¹ (m)	@45fps	85
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Connector Material	Nylon (PA66)
Cover Material	Tempered Glass
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M12 5Pin
Weight (kg/m)	1,4
Dimensions WxH (mm)	65 x 55
Length (mm)	500 / 1000

- ☐ 2700K-4000K
- ☐ 2700K-6500K
- ☐ 3000K-5000K
- ☐ 3000K-6000K
- ☐ 4000K-6500K

Length

- ☐ 500 mm
- ☐ 1000 mm

Accessories

- ☐ Glare Shield

Linear Soft Line

White

181

The Linear Soft Line offers a sophisticated solution for revealing textural elements in premium spaces. Its distinctive soft optic creates smooth illumination that highlights architectural surfaces with elegance and precision, eliminating harsh shadows and hotspots that compromise design integrity.

Perfect for grazing stone facades, textured walls, and surfaces in high-end hospitality, luxury retail, and premium residential environments. This versatile fixture delivers refined, controlled lighting that showcases textures exactly as intended while enhancing rather than overwhelming architectural features.

- ↳ Distinctive soft optic technology – Creates exceptionally smooth, even illumination without harsh shadows or hotspots
- ↳ Premium texture highlighting – Specifically designed to reveal and enhance architectural surface details with precision



CE

RoHS

IP67

IK08

Specifications

General		
Power Consumption (W/m)	24	
Input Voltage (V DC)	24	
LEDs (/m)	80	
LED Pitch (mm)	12,5	
Pixels (/m)	2	
Flicker Frequency (kHz)	0,97	
LED Type	Discrete	
Channels (/m)	6	
Color Range	White	
Optic (°)	12x66	
CRI	≥80 (Custom on Request)	
Control	DMX	
Dimming	16 bit	

Physical		
Housing Material	Aluminum (AA6063)	
Connector Material	Nylon (PA66)	
Cover Material	Tempered Glass	
Housing Color	Grey RAL9023 (Custom on Request)	
Cable Color	Black	
Connector Type	M12 5Pin	
Weight (kg/m)	1,4	
Dimensions WxH (mm)	65 x 55	
Length (mm)	500 / 1000	

Installation Conditions & Lighting Data		
Maximum Run Length Power¹ (m)	6	
Maximum Run Length Data¹ (m)	@45fps	85
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

- ☐ 2700K
- ☐ 3000K
- ☐ 4000K
- ☐ 5000K
- ☐ 5700K
- ☐ 6500K

Length
<input type="checkbox"/> 500 mm
<input type="checkbox"/> 1000 mm

Accessories
<input type="checkbox"/> Glare Shield

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Linear Window

Multi Color RGBW

181

TThe Linear Window offers a sleek yet powerful solution for creating visual emphasis in both exterior and interior applications. This precision-engineered luminaire is ideal for illuminating window reveals band linear architectural elements.

Perfect for rich, consistent RGBW color mixing that accentuates architectural features with remarkable vibrant lighting. The discreet profile and compact design integrate seamlessly into modern design while providing illumination that enhances spatial definition with sophisticated color capability.

- ↳ Flush Installation Design – Seamless integration into surfaces without visible mounting hardware
- ↳ Professional RGBW Engine – Superior color mixing technology for architectural-grade applications



CE

RoHS

IP67

IK08

Specifications

General		
Power Consumption (W)	12	
Input Voltage (V DC)	24	
LEDs (/pc)	10	
LED Pitch (mm)	25	
Pixels (/pc)	1	
Channels (/pc)	4	
Flicker Frequency (kHz)	0,97	
LED Type	SMD3030	
Color Range	RGBW	
Optic (°)	3x118	
CRI	≥80 (Custom on Request)	
Control	DMX	(UCS512)
Dimming	16 Bit	

Installation Conditions & Lighting Data		
Maximum Run Length Power (pcs)	20	
Maximum Run Length Data (pcs)	128	@45FPS
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B20 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +60
Working Temperature (°C)	-20 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	3 Years

Physical		
Housing Material	Aluminum (AA6063)	
Cover Material	Tempered Glass	
Connector Material	Nylon (PA66)	
Housing Color	Grey RAL9023 (Custom on Request)	
Cable Color	Black	
Connector Type	M12 5Pin	
Weight (kg)	Surface Mount	0,7
	Recessed	0,8
Dimensions WxH (mm)	Surface Mount	44 x 59
	Recessed	68 x 53
Length (mm)	Surface Mount	250
	Recessed	272

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Mounting Options
<input type="checkbox"/> Surface Mount
<input type="checkbox"/> Recessed

Linear Window Tunable White

The Linear Window offers a sleek yet powerful solution for creating visual emphasis in both exterior and interior applications. This precision-engineered luminaire is ideal for illuminating window reveals band linear architectural elements.

Perfect for rich, consistent tunable white color mixing that accentuates architectural features with remarkable vibrant lighting. The discreet profile and compact design integrate seamlessly into modern design while providing illumination that enhances spatial definition with sophisticated color capability.

- ↘ Flush Installation Design – Seamless integration into surfaces without visible mounting hardware
- ↘ Professional Lighting Engine – Superior white mixing technology for architectural-grade applications



CE RoHS IP67 IK08

Specifications

General		
Power Consumption (W)	12	
Input Voltage (V DC)	24	
LEDs (/pc)	10	
LED Pitch (mm)	25	
Pixels (/pc)	1	
Channels (/pc)	3	
Flicker Frequency (kHz)	0,97	
LED Type	SMD3030	
Color Range	Tunable White	
Optic (°)	3x118	
CRI	≥80 (Custom on Request)	
Control	DMX	(UCS512)
Dimming	16 Bit	

Installation Conditions & Lighting Data		
Maximum Run Length Power (pcs)	20	
Maximum Run Length Data (pcs)	170	@45FPS
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B20 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +60
Working Temperature (°C)	-20 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	3 Years

Physical		
Housing Material	Aluminum (AA6063)	
Cover Material	Tempered Glass	
Connector Material	Nylon (PA66)	
Housing Color	Grey RAL9023 (Custom on Request)	
Cable Color	Black	
Connector Type	M12 5Pin	
Weight (kg)	Surface Mount	0,7
	Recessed	0,8
Dimensions WxH (mm)	Surface Mount	44 x 59
	Recessed	68 x 53
Length (mm)	Surface Mount	250
	Recessed	272

Options

Color/CCT	
<input type="checkbox"/>	2700K-4000K
<input type="checkbox"/>	3000K-5000K
<input type="checkbox"/>	2700K-6500K
<input type="checkbox"/>	3000K-6000K
<input type="checkbox"/>	4000K-6500K

Mounting Options	
<input type="checkbox"/>	Surface Mount
<input type="checkbox"/>	Recessed

Linear Window White

The Linear Window offers a sleek yet powerful solution for creating visual emphasis in both exterior and interior applications. This precision-engineered luminaire is ideal for illuminating window reveals band linear architectural elements.

Perfect for rich, consistent white color mixing that accentuates architectural features with remarkable vibrant lighting. The discreet profile and compact design integrate seamlessly into modern design while providing illumination that enhances spatial definition with sophisticated color capability.

- ↘ Flush Installation Design – Seamless integration into surfaces without visible mounting hardware
- ↘ Professional Lighting Engine – Superior white mixing technology for architectural-grade applications



CE RoHS IP67 IK08

Specifications

General	
Power Consumption (W)	12
Input Voltage (V DC)	24
LEDs (/pc)	10
LED Pitch (mm)	25
Pixels (/pc)	1
Channels (/pc)	3
Flicker Frequency (kHz)	0,97
LED Type	SMD3030
Color Range	White
Optic (°)	3x118
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Installation Conditions & Lighting Data		
Maximum Run Length Power (pcs)	20	
Maximum Run Length Data (pcs)	170	@45FPS
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B20 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +60
Working Temperature (°C)	-20 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	3 Years

Physical		
Housing Material	Aluminum (AA6063)	
Cover Material	Tempered Glass	
Connector Material	Nylon (PA66)	
Housing Color	Grey RAL9023 (Custom on Request)	
Cable Color	Black	
Connector Type	M12 5Pin	
Weight (kg)	Surface Mount	0,7
	Recessed	0,8
Dimensions WxH (mm)	Surface Mount	44 x 59
	Recessed	68 x 53
Length (mm)	Surface Mount	250
	Recessed	272

Options

Color/CCT	
<input type="checkbox"/>	2700K
<input type="checkbox"/>	3000K
<input type="checkbox"/>	4000K
<input type="checkbox"/>	5000K
<input type="checkbox"/>	5700K
<input type="checkbox"/>	6500K

Mounting Options	
<input type="checkbox"/>	Surface Mount
<input type="checkbox"/>	Recessed

Linear Flex

Multi Color RGBW

181

Illuminate architectural features and landscapes with the adaptable Linear Flex. This flexible LED luminaire offers dynamic color control and multiple optics for tailored light distribution, perfect for accentuating facades, creating vibrant wall washes, and adding decorative flair to both linear and curved installations.

The Linear Flex enables creative lighting designs across diverse applications. This versatile solution adapts to complex architectural geometries while delivering precise illumination control for professional lighting installations.

- ✚ Flexible Installation Format – Adapts to both linear runs and complex curved architectural geometries
- ✚ Individual Pixel Control – SPI technology enables precise, programmable lighting effects per LED segment



Specifications

General		
Power Consumption (W/m)	32	
Input Voltage (V DC)	24	
LEDs (/m)	32	
LED Pitch (mm)	30	
Pixels (/m)	8	
Channels (/m)	32	
Flicker Frequency (kHz)	1	
LED Type	SMD3030	
Color Range	RGBW	
CRI	≥80 (Custom on Request)	
Control	SPI (UCS8904)	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length Power	10 M		
Maximum Run Length Data	35 M	@30FPS	
	23 M	@50FPS	
Maximum Leader Cable Length	Up to 20 M		
Delivered Lumen Full White (lm)			
Lumen Maintenance Calculated Hours (h)	L70B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +85
Working Temperature (°C)	−20 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years

Physical	
Housing Material	Aluminum (ACD12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	White RAL (Custom on Request)
Cable Color	Black
Connector Type	M12 3Pin
Weight (kg/m)	1,7
Dimensions WxH (mm)	29 x 37
Standard Length (mm)	1000 (Customizable per 125)

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Accessories
<input type="checkbox"/> Top Head

Optics
<input type="checkbox"/> 25°
<input type="checkbox"/> 35°
<input type="checkbox"/> 45°
<input type="checkbox"/> 20°x45°

Linear Flex

Tunable White

181

Illuminate architectural features and landscapes with the adaptable Linear Flex. This flexible LED luminaire offers dynamic color control and multiple optics for tailored light distribution, perfect for accentuating facades, creating vibrant wall washes, and adding decorative flair to both linear and curved installations.

The Linear Flex enables creative lighting designs across diverse applications. This versatile solution adapts to complex architectural geometries while delivering precise illumination control for professional lighting installations.

- ✚ Flexible Installation Format – Adapts to both linear runs and complex curved architectural geometries
- ✚ Individual Pixel Control – SPI technology enables precise, programmable lighting effects per LED segment



Specifications

General	
Power Consumption (W/m)	32
Input Voltage (V DC)	24
LEDs (/m)	32
LED Pitch (mm)	30
Pixels (/m)	8
Channels (/m)	24
Flicker Frequency (kHz)	1
LED Type	SMD3030
Color Range	Tunable White
CRI	≥80 (Custom on Request)
Control	SPI (UCS8904)
Dimming	16 Bit

Installation Conditions & Lighting Data		
Maximum Run Length Power	10 M	
Maximum Run Length Data	47 M	@30FPS
	31 M	@50FPS
Maximum Leader Cable Length	Up to 20 M	
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	−40 to +85
Working Temperature (°C)	−20 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years

Physical	
Housing Material	Aluminum (ACD12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	White RAL (Custom on Request)
Cable Color	Black
Connector Type	M12 3Pin
Weight (kg/m)	1,7
Dimensions WxH (mm)	29 x 37
Standard Length (mm)	1000 (Customizable per 125)

Options

Color/CCT
<input type="checkbox"/> 2700K–4000K
<input type="checkbox"/> 3000K–5000K
<input type="checkbox"/> 2700K–6500K
<input type="checkbox"/> 3000K–6000K
<input type="checkbox"/> 4000K–6500K

Accessories
<input type="checkbox"/> Top Head

Optics
<input type="checkbox"/> 25°
<input type="checkbox"/> 35°
<input type="checkbox"/> 45°
<input type="checkbox"/> 20°x45°

Linear Flex

White

181

Illuminate architectural features and landscapes with the adaptable Linear Flex. This flexible LED luminaire offers dynamic color control and multiple optics for tailored light distribution, perfect for accentuating facades, creating vibrant wall washes, and adding decorative flair to both linear and curved installations.

The Linear Flex enables creative lighting designs across diverse applications. This versatile solution adapts to complex architectural geometries while delivering precise illumination control for professional lighting installations.

- ✚ Flexible Installation Format – Adapts to both linear runs and complex curved architectural geometries
- ✚ Individual Pixel Control – SPI technology enables precise, programmable lighting effects per LED segment



CE

RoHS

IP67

IK07

ETL US

Specifications

General		
Power Consumption (W/m)	32	
Input Voltage (V DC)	24	
LEDs (/m)	32	
LED Pitch (mm)	30	
Pixels (/m)	8	
Channels (/m)	24	
Flicker Frequency (kHz)	1	
LED Type	SMD3030	
Color Range	White	
CRI	≥80 (Custom on Request)	
Control	SPI (UCS8904)	
Dimming	16 Bit	

Installation Conditions & Lighting Data		
Maximum Run Length Power	10 M	
Maximum Run Length Data	47 M	@30FPS
	31 M	@50FPS
Maximum Leader Cable Length	Up to 20 M	
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–40 to +85
Working Temperature (°C)	–20 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP67
Certification	CE, RoHS, ETL
Limited Warranty	5 Years

Physical	
Housing Material	Aluminum (ACD12)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	White RAL (Custom on Request)
Cable Color	Black
Connector Type	M12 3Pin
Weight (kg/m)	1,7
Dimensions WxH (mm)	29 x 37
Standard Length (mm)	1000 (Customizable per 125)

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	
<input type="checkbox"/> 5700K	
<input type="checkbox"/> 6500K	

Accessories
<input type="checkbox"/> Top Head

Optics	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 35°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 20°x45°	

Linear Inground

Multi Color RGBW

181

The Linear Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated in-ground fixture creates powerful vertical lighting effects that accentuate facades, columns, and structural elements with precision and visual impact.

The robust construction withstands pedestrian environments while RGBW capabilities enable dynamic color schemes for branded environments, hospitality venues, and public spaces where architectural lighting becomes essential.

- ✚ Traffic-Resistant Construction – Engineered to withstand foot traffic without performance compromise.
- ✚ Adaptive Beam Technology – Adjustable from tight focused columns to wide wash effects



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41
Pixels (/m)	4
Flicker Frequency (khz)	16
LED Type	4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on Request)
Control (by DiGidot)	DMX (RDM) / PxLNet (BW6144) ¹
Dimming	16 Bit

Installation Conditions & Lighting Data		
Maximum Run Length Power	6 m	
Maximum Run Length DMX (RDM)	16 m	@45FPS
Maximum Run Length PxLNet	128 m	@40FPS
	64 m	@60FPS
Delivered Lumen Full White (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

Operating	
Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	500 / 1000

Options

Color/CCT	
<input type="checkbox"/> RGBW2700K	
<input type="checkbox"/> RGBW3000K	
<input type="checkbox"/> RGBW4000K	
<input type="checkbox"/> RGBW5000K	

Optics	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 20°x40°	

Control
<input type="checkbox"/> DMX (RDM)
<input type="checkbox"/> PxLNet

Linear Inground Tunable White

The Linear Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated in-ground fixture creates powerful vertical lighting effects that accentuate facades, columns, and structural elements with precision and visual impact.

The robust construction withstands pedestrian environments while tunable white capabilities enable dynamic white lighting schemes for branded environments, hospitality venues, and public spaces where architectural lighting becomes essential.

↳ Traffic-Resistant Construction – Engineered to withstand foot traffic without performance compromise.

↳ Adaptive Beam Technology – Adjustable from tight focused columns to wide wash effects



CE RoHS IP68 IK08

Specifications

General		
Power Consumption (W/m)	54	
Input Voltage (V DC)	48	
LEDs (/m)	24	
LED Pitch (mm)	41	
Pixels (/m)	1	
Flicker Frequency (khz)	16	
LED Type	Dedicated SMD3030	
Channels (/m)	3	
Color Range	Tunable White	
CRI	≈80 (Custom on Request)	
Control	DMX (RDM) / PxLNet (BW6144)	
Dimming	16 Bit	

Installation Conditions & Lighting Data			
Maximum Run Length Power	6 M		
Maximum Run Length DMX (RDM)	21 M	@45FPS	
Maximum Run Length PxLNet	171 M	@40FPS	
	85 M	@60FPS	
Delivered Lumen Full White (lm)			
Lumen Maintenance Calculated Hours (h)	L70B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	500 / 1000

Options

Color/CCT	
<input type="checkbox"/> 2700K-4000K	
<input type="checkbox"/> 3000K-5000K	
<input type="checkbox"/> 2700K-6500K	
<input type="checkbox"/> 3000K-6000K	
<input type="checkbox"/> 4000K-6500K	

Optics	
<input type="checkbox"/> 12°	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 12°x22°	
<input type="checkbox"/> 15°x40°	
<input type="checkbox"/> 30°x60°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear Inground White

The Linear Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated in-ground fixture creates powerful vertical lighting effects that accentuate facades, columns, and structural elements with precision and visual impact.

The robust construction withstands pedestrian environments while white lighting enables visibility and sets the mood for any environments, hospitality venues, and public spaces where architectural lighting becomes essential.

↳ Traffic-Resistant Construction – Engineered to withstand foot traffic without performance compromise.

↳ Adaptive Beam Technology – Adjustable from tight focused columns to wide wash effects



CE RoHS IP68 IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	48
LEDs (/m)	24
LED Pitch (mm)	41
Pixels (/m)	1
Flicker Frequency (khz)	16
LED Type	SMD3030
Channels (/m)	3
Color Range	White
CRI	≈80 (Custom on Request)
Control	DMX (RDM) / PxLNet (BW6144)
Dimming	16 Bit

Installation Conditions & Lighting Data			
Maximum Run Length Power	6 M		
Maximum Run Length DMX (RDM)	21 M	@45FPS	
Maximum Run Length PxLNet	171 M	@40FPS	
	512 M	@60FPS	
Delivered Lumen Full White (lm)			
Lumen Maintenance Calculated Hours (h)	L70B10 50,000		

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL7047 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	500 / 1000

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	
<input type="checkbox"/> 5700K	
<input type="checkbox"/> 6500K	

Optics	
<input type="checkbox"/> 12°	
<input type="checkbox"/> 15°	
<input type="checkbox"/> 25°	
<input type="checkbox"/> 45°	
<input type="checkbox"/> 60°	
<input type="checkbox"/> 12°x22°	
<input type="checkbox"/> 15°x40°	
<input type="checkbox"/> 30°x60°	

Control	
<input type="checkbox"/> DMX (RDM)	
<input type="checkbox"/> PxLNet	

Linear Flex Inground

Multi Color RGBW

181

The Linear Flex Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated inground fixture creates powerful vertical lighting effects that accentuate facades, columns, and curved structural elements with precision and visual impact, perfect for highlighting commercial buildings, historic structures, and landscape features.

Available in multiple lengths with versatile beam options, its robust construction withstands pedestrian environments while RGBW capabilities enable dynamic color schemes for creative lighting and experiences.

- ↳ Curved Surface Compatibility – Engineered to follow and illuminate curved architectural elements
- ↳ Heavy-Duty Ground Rating – Built to withstand constant pedestrian and light vehicular traffic



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	SMD3030 4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on Request)
Control	DMX (UCS512)
Dimming	16 Bit

Installation Conditions & Lighting Data	
Minimum Bending Radius (mm)	580
Maximum Run Length Power	6 M
Maximum Run Length Data	32 M @60FPS
Delivered Lumen Full White (lm)	
Lumen Maintenance Calculated Hours (h)	L70B10 50,000

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	280 / 560 / 840 / 1120

Options

Color/CCT
<input type="checkbox"/> RGBW2700K
<input type="checkbox"/> RGBW3000K
<input type="checkbox"/> RGBW4000K
<input type="checkbox"/> RGBW5000K

Optics
<input type="checkbox"/> 25°
<input type="checkbox"/> 45°
<input type="checkbox"/> 60°
<input type="checkbox"/> 20°x40°

Linear Flex Inground

Tunable White

181

The Linear Flex Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated inground fixture creates powerful vertical lighting effects that accentuate facades, columns, and curved structural elements with precision and visual impact, perfect for highlighting commercial buildings, historic structures, and landscape features.

Available in multiple lengths with versatile beam options, its robust construction withstands pedestrian environments while crisp tunable white capabilities enable dynamic color schemes for creative lighting experiences.

- ↳ Curved Surface Compatibility – Engineered to follow and illuminate curved architectural elements
- ↳ Heavy-Duty Ground Rating – Built to withstand constant pedestrian and light vehicular traffic



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	SMD3030
Channels (/m)	12
Color Range	Tunable White
CRI	≥80 (Custom on Request)
Control	DMX (UCS512)
Dimming	16 Bit

Installation Conditions & Lighting Data	
Minimum Bending Radius (mm)	580
Maximum Run Length Power	6 M
Maximum Run Length Data	43 M @60FPS
Delivered Lumen Full White (lm)	
Lumen Maintenance Calculated Hours (h)	L70B10 50,000

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	280 / 560 / 840 / 1120

Options

Color/CCT
<input type="checkbox"/> 2700K-4000K
<input type="checkbox"/> 3000K-5000K
<input type="checkbox"/> 2700K-6500K
<input type="checkbox"/> 3000K-6000K
<input type="checkbox"/> 4000K-6500K

Optics

☐ 12°

☐ 15°

☐ 25°

☐ 45°

☐ 60°

☐ 12°x22°

☐ 15°x40°

☐ 30°x60°

Linear Flex Inground

White

181

The Linear Flex Inground delivers ground-level illumination that defines and elevates architectural spaces. This sophisticated inground fixture creates powerful vertical lighting effects that accentuate facades, columns, and curved structural elements with precision and visual impact, perfect for highlighting commercial buildings, historic structures, and landscape features.

Available in multiple lengths with versatile beam options, its robust construction withstands pedestrian environments while the pixel controllable crisp white enable dynamic schemes for creative lighting and experiences.

- ↳ Curved Surface Compatibility – Engineered to follow and illuminate curved architectural elements
- ↳ Heavy-Duty Ground Rating – Built to withstand constant pedestrian and light vehicular traffic



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	SMD3030
Channels (/m)	12
Color Range	White
CRI	≥80 (Custom on Request)
Control	DMX (UCS512)
Dimming	16 Bit

Installation Conditions & Lighting Data	
Minimum Bending Radius (mm)	580
Maximum Run Length Power	6 M
Maximum Run Length Data	43 M @60FPS
Delivered Lumen Full White (lm)	
Lumen Maintenance Calculated Hours (h)	L70B10 50,000

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +70
Working Temperature (°C)	-25 to +60
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS
Limited Warranty	3 Years

Physical	
Housing Material	Aluminum (AA6063)
Cover Material	Tempered Glass
Connector Material	Nylon (PA66)
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M17 5Pin
Weight (kg/m)	4,2
Dimensions WxH (mm)	50 x 62
Standard Length (mm)	280 / 560 / 840 / 1120

Options

Color/CCT	
<input type="checkbox"/> 2700K	
<input type="checkbox"/> 3000K	
<input type="checkbox"/> 4000K	
<input type="checkbox"/> 5000K	
<input type="checkbox"/> 5700K	
<input type="checkbox"/> 6500K	

Optics	
<input type="checkbox"/> 12°	<input type="checkbox"/> 60°
<input type="checkbox"/> 15°	<input type="checkbox"/> 12°x22°
<input type="checkbox"/> 25°	<input type="checkbox"/> 15°x40°
<input type="checkbox"/> 45°	<input type="checkbox"/> 30°x60°



Grand Creek

Reimagined Excellence

The Grand Creek Residence came to us with the mission to be reimagined, its previous lighting failed to reveal the true excellence of its design. Now rising boldly within the bustling district of Dubai, the building is powered with illuminating force that glides across its surface, shifting subtly from floor to floor, never same as before. Through transformative lighting, the residence gains a renewed character, unique and immersive from every angle.



Client: Al Rostamani Group
Testing & Commissioning: OneEightyOne
Controls: DiGidot Technologies & MADRIX

DiGi Top Bend 1616

To capture the essence of the Grand Creek Residence, the DiGi Neonflex Top Bend was used to push the limits of traditional facade lighting. Engineered for creative freedom, this pixel controlled solution allows for transitions that follow the building's geometry with absolute precision. Delivering a smooth, highvoutput glow that balances system efficiency with a stunning visual signature.

M12 3Pin Connector Cables

DiGi

181

Our cables are purpose-built to seamlessly connect and power every lighting product in our portfolio. Whether you're installing linear fixtures, pixel-controlled modules, or dynamic façade luminaires, these cables ensure robust electrical continuity and consistent signal transmission across your entire system.

Designed with matching connectors, lengths, and specifications per product type, they simplify installation and reduce on-site wiring complexity. From plug-and-play leader cables for quick connections to durable jumper cables bridging longer distances, every cable is tested for reliability and performance in demanding environments.

↘ System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.

↘ Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.



CE

RoHS

IP67

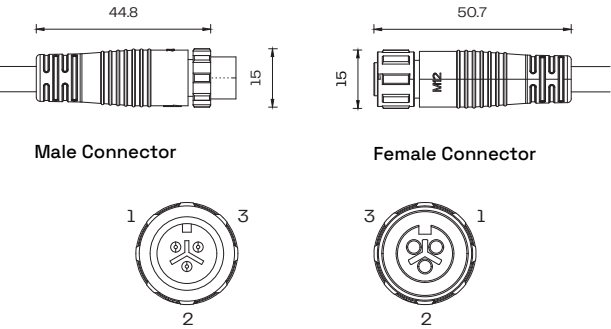
IK08

Operating		
Environment	Outdoor	
Storage Temperature (°C)	-40 to +85	
Working Temperature (°C)	-25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M12	IP67
	RJ45	IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical		
Cable Material		
Connector Material	M12	Nylon (PA66)
	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color	Black	
Connector Type	M12, M12data, RJ45	

Options

- ☐ Short Range
- ☐ Long Range



Pin Out		
Pin 1	Red	V+
Pin 2	Green	Data
Pin 3	Black	GND

M12 5Pin Connector Cables

DiGi

181

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CE

RoHS

IP67

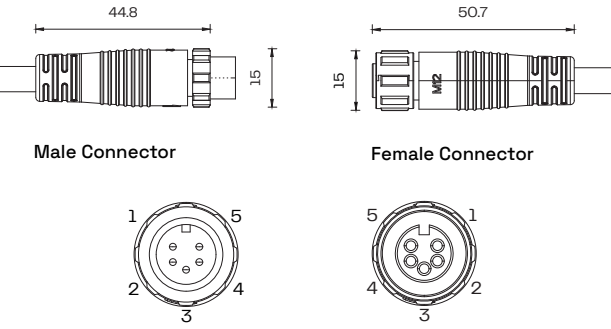
IK08

Operating		
Environment	Outdoor	
Storage Temperature (°C)	-40 to +85	
Working Temperature (°C)	-25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M12	IP67
	RJ45	IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical		
Cable Material		
Connector Material	M12	Nylon (PA66)
	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color	Black	
Connector Type	M12, M12data, RJ45	

Options

- ☐ Short Range
- ☐ Long Range



Pin Out		
Pin 1	Red	V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

M16 5Pin Connector Cables

DiGi

181

Our cables are purpose-built to seamlessly connect and power every lighting product in our portfolio. Whether you're installing linear fixtures, pixel-controlled modules, or dynamic façade luminaires, these cables ensure robust electrical continuity and consistent signal transmission across your entire system.

Designed with matching connectors, lengths, and specifications per product type, they simplify installation and reduce on-site wiring complexity. From plug-and-play leader cables for quick connections to durable jumper cables bridging longer distances, every cable is tested for reliability and performance in demanding environments.

➤ System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.

➤ Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.



CE

RoHS

IP68

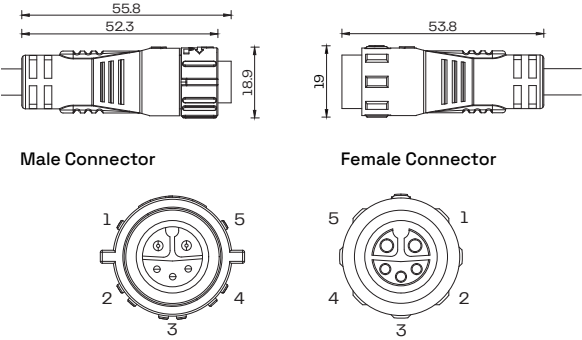
IK08

Operating		
Environment	Outdoor	
Storage Temperature (°C)	-40 to +85	
Working Temperature (°C)	-25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M16	IP68
	RJ45	IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical		
Cable Material		
Connector Material	M16	Nylon (PA66)
	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color	Black	
Connector Type	M16, M12data, RJ45	

Options

- ☐ Short Range
- ☐ Long Range



Pin Out		
Pin 1	Red	V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

M12 Connector Cables

PWM

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Our cables are purpose-built to seamlessly connect and power every lighting product in our portfolio. The PWM range of cables focusses on optimal control from one to four channels and ensures a reliable and weatherproof connection.

Designed with matching connectors, lengths, and specifications per product type, they simplify installation and reduce on-site wiring complexity. From plug-and-play leader cables for quick connections to durable jumper cables bridging longer distances, every cable is tested for reliability and performance in demanding environments.

➤ System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.

➤ Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.



CE

RoHS

IP67

IK08

Operating	
Environment	Outdoor
Storage Temperature (°C)	-40 to +85
Working Temperature (°C)	-25 to +65
Oil Resistant	Yes
UV Resistant	Yes
Flame Retardant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Limited Warranty	5 Years

Physical		
Cable Material		
Connector Material	M12	Nylon (PA66)
Cable Color	Black	
Connector Type	M12	



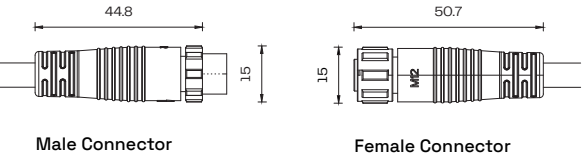
Pin Out White & Single Color		
Pin 1	Red	V+
Pin 2	Black	GND



Pin Out Tunable White		
Pin 1	Red	V+
Pin 2	Green	Warm White
Pin 3	Black	Cold White

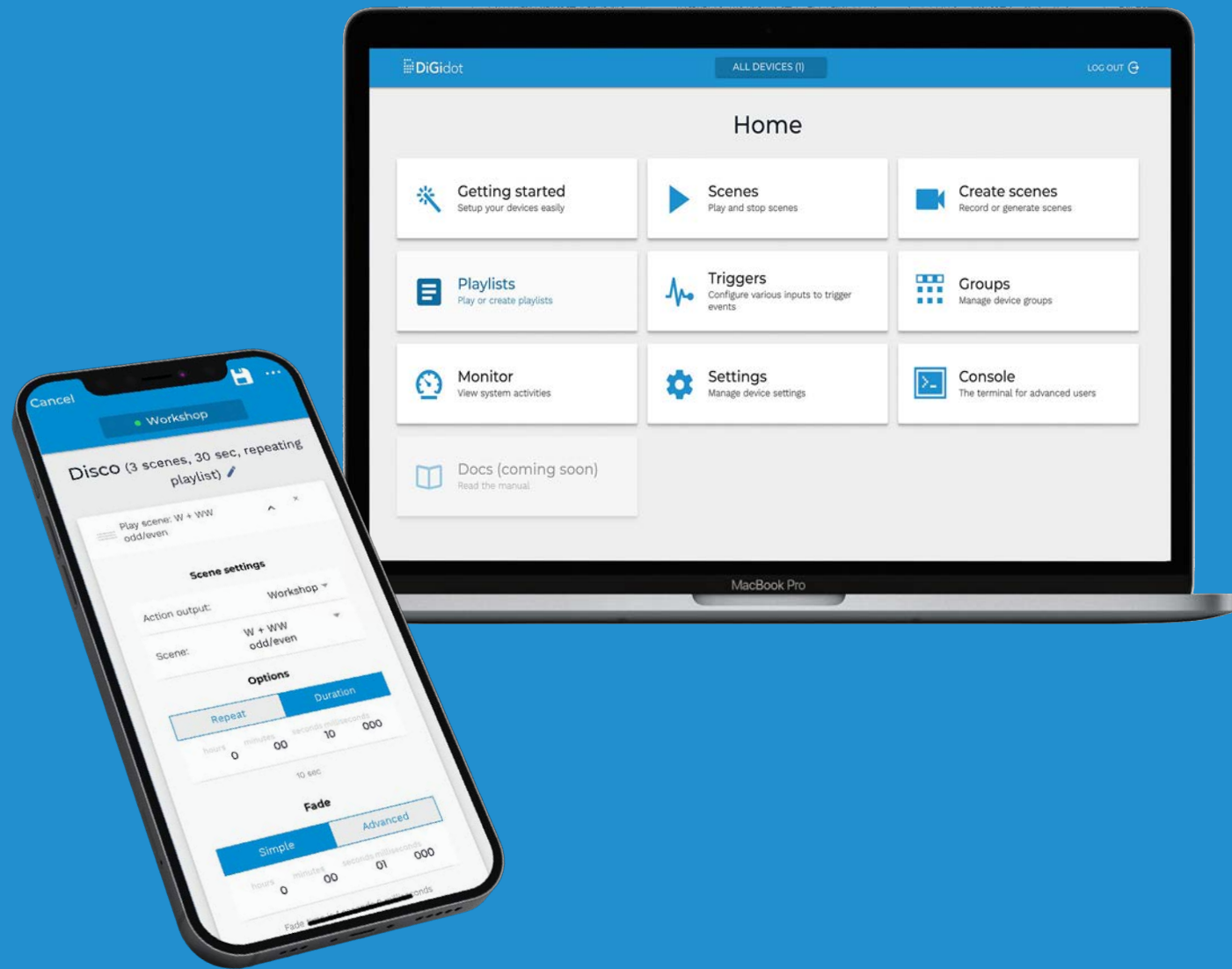


Pin Out Multi Color		
Pin 1	Red	V+
Pin 2	Green	Green
Pin 3	White	White
Pin 4	Yellow	Red
Pin 5	Black	Blue

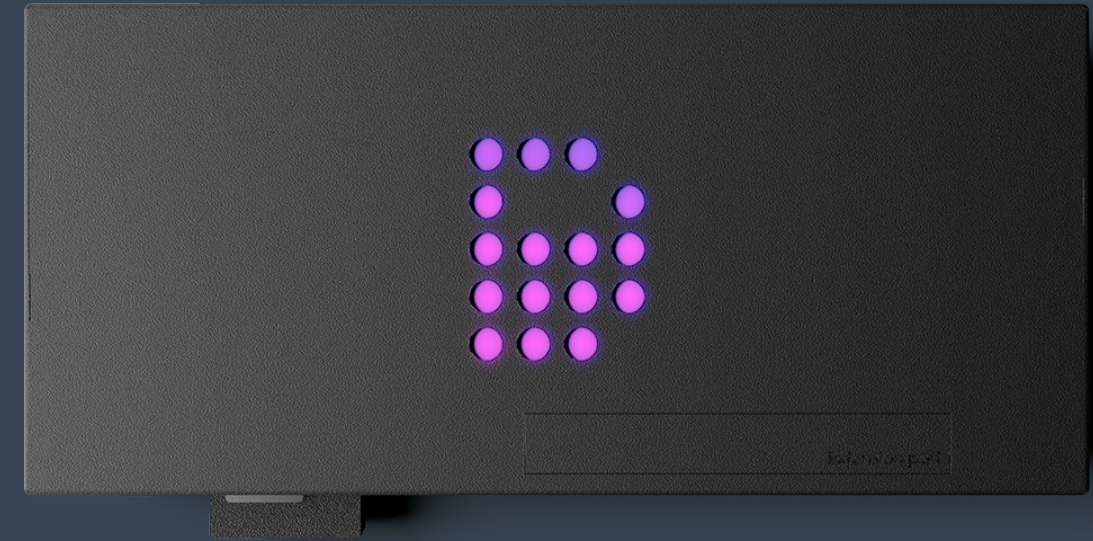


DiGidot App and Web environment

The DiGidot App allows you to easily control and customize your LED installations from your mobile device, giving you complete flexibility and convenience in managing your lighting projects. With its intuitive interface and powerful features, the DiGidot App is the perfect tool for creating stunning visual experiences with your LED installations.



All in one



Innovative

Pixelating surfaces, beyond just color and brightness control.

Reliable

Hardware for 24/7 use, upgradable components for enhanced maintenance.

Versatile

Easy scalability, from small-scale events to large-scale installations.

Industry standards

Compatible with a range of industry standards, including large range of industry standards such as DMX, Art-Net and sACN.

Easy to use

Intuitive interface, plug-and-play setup and remote management. Easy to set up, control, and manage.

Dedicated team

Extensive technical support from embedded developers in the Netherlands

Always up-to-date

Free online or offline firmware updates.

Full solution for pixel controlled projects

Compact Controllers

C4 Live (with NFC)
C4 Extended (with NFC)

Rackmount Controllers

PxLNet Node
Power Node U12X
Power Node U24X

Range Extenders

PxLNet Transmitter
PxLNet Tranceiver 2

Cloud Coming soon

Horizon Platform
Horizon Bridge

Accessories

Easy Connect

What is DiGidot?

 **DiGidot**
PUSHING CONTROL BOUNDARIES



Project: In Bloom
Client: Amsterdam Light Festival
Location: Amsterdam
Photography: Janus van der Eijnden

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