

Digitization
of
Production

181

We are OneEightyOne

oneeightyone.com



Markets

- ↳ Architectural
- ↳ Entertainment
- ↳ Hospitality
- ↳ Offices
- ↳ Retail



Focus

- ↳ Dynamic Lighting
- ↳ Facade Lighting
- ↳ Controls
- ↳ Custom Projects

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



Lightly obsessed with light

Index

Direct View - DiGi Linears

- DiGi Linear D-Series 2 Multi Color
- DiGi Linear E-Series 2 Multi Color
- DiGi Linear M-Series Multi Color
- DiGi Linear V-Series Multi Color
- DiGi Linear V-Series Tunable White

Direct View - Flex

- DiGi Neonflex Top Bend Multi Color
- DiGi Neonflex Top Bend Tunable White
- DiGi Neonflex Top Bend White
- DiGi Neonflex Side Bend Multi Color
- DiGi Neonflex Side Bend Tunable White
- DiGi Neonflex Side Bend White
- DiGi Neonflex Dual Bend Multi Color
- Neonflex Top Bend Multi Color
- Neonflex Top Bend Tunable White
- Neonflex Top Bend White
- Neonflex Top Bend Single Color
- Neonflex Side Bend Multi Color
- Neonflex Side Bend Tunable White
- Neonflex Side Bend White
- Neonflex Side Bend Single Color
- Neonflex Dual Bend White
- Neonflex Dual Bend Single Color

Direct View - Modules

- DiGi XT Module Multi Color
- DiGi XT Module White
- DiGi ES Module Multi Color
- DiGi P2O Module Multi Color

Projectors & Linears - Linears G Series

- Linear G24 Multi Color
- Linear G24 Tunable White
- Linear G24 White
- Linear G36 Multi Color
- Linear G36 Tunable White
- Linear G36 White
- Linear G54 Multi Color
- Linear G54 Tunable White
- Linear G54 White
- Linear G100 Multi Color
- Linear G100 Tunable White
- Linear G100 White

Projectors & Linears - Beams F Series

- Beam F12 Multi Color
- Beam F12 Tunable White
- Beam F12 White
- Beam F36 Multi Color
- Beam F36 Tunable White
- Beam F36 White
- Beam F54 Multi Color
- Beam F54 Tunable White
- Beam F54 White
- Beam F72 Multi Color
- Beam F72 Tunable White
- Beam F72 White
- Beam F120 Multi Color
- Beam F120 Tunable White
- Beam F120 White

Projectors & Linears - Special Application Linears

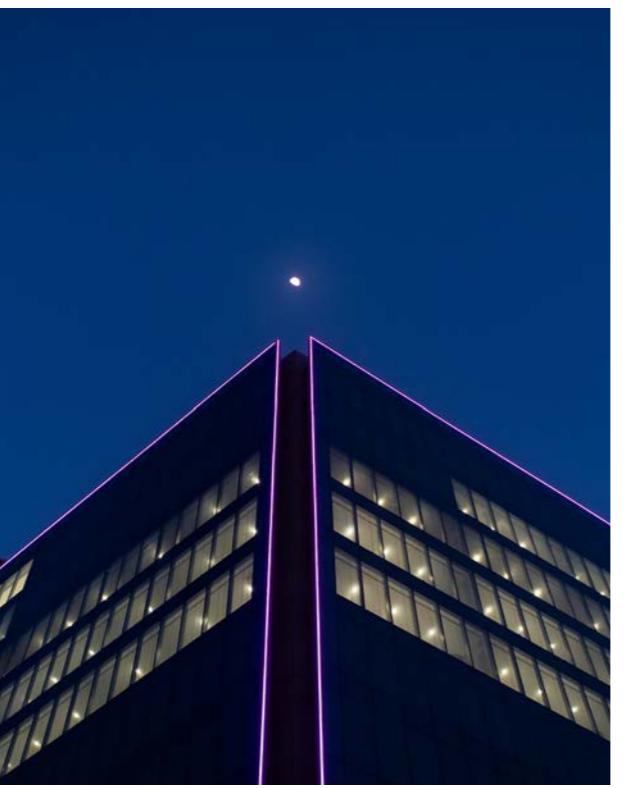
- Linear Soft Line Multi Color
- Linear Soft Line Tunable White
- Linear Soft Line White
- Linear Window Multi Color
- Linear Window Tunable White
- Linear Window White
- Linear Flex Multi Color
- Linear Flex Tunable White
- Linear Flex White
- Linear Inground Multi Color
- Linear Inground Tunable White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

Accessories

- M-Cables

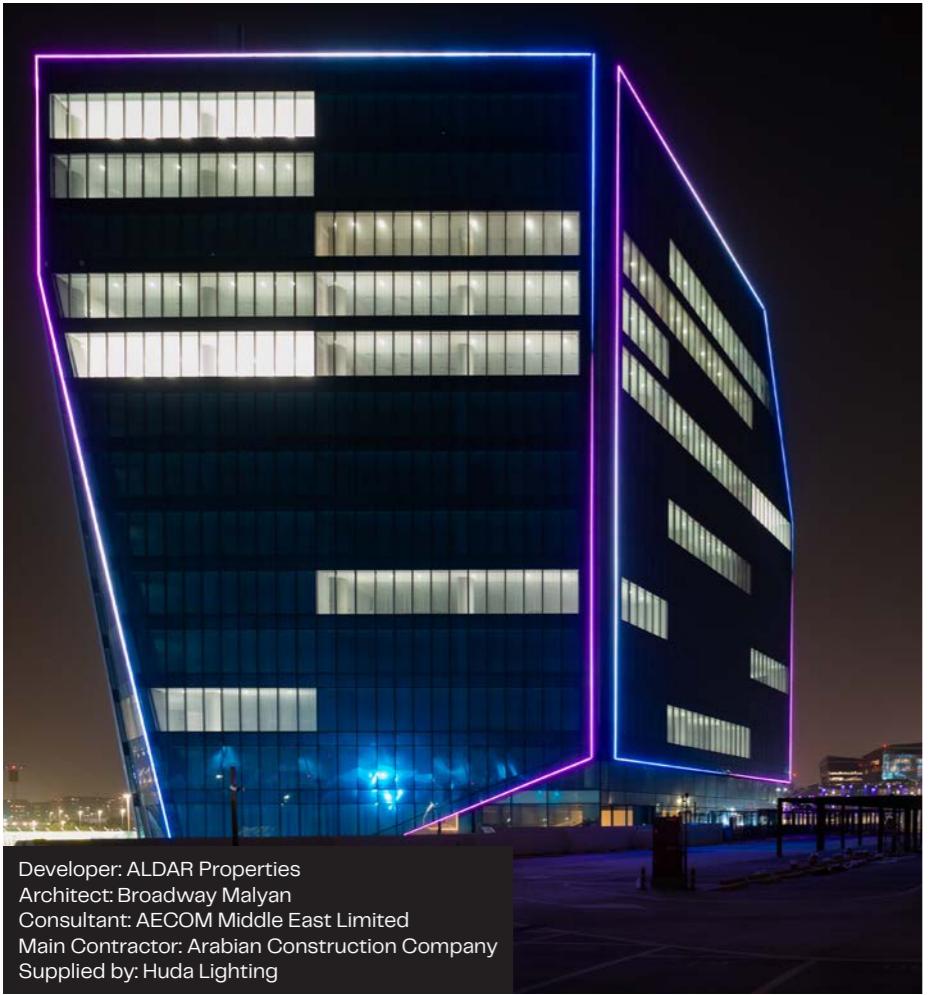
DiGi Lines

HB Offices



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.



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.



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

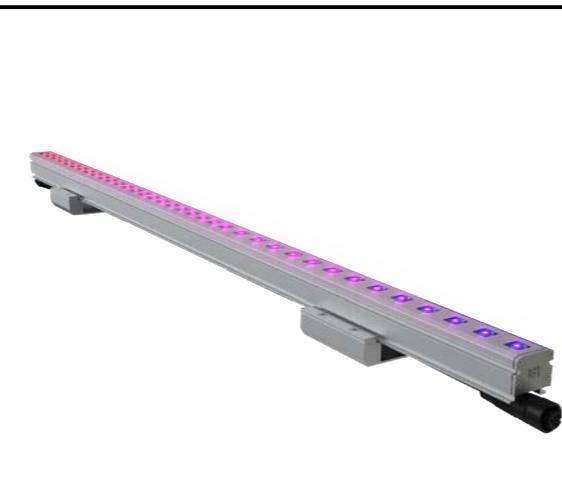
Installation Conditions & Lighting Data

Maximum Run Length Power ¹ (m)	20
Maximum Run Length Data ¹ (m)	@50fps Up to 25
Maximum Leader Cable Length ¹ (m)	Up to 20
Delivered Lumen Full RGBW (lm)	1150 (RGBW3000K 1500mm)
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



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
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 0,3
	600mm 0,6
	900mm 0,9
	1200mm 1,2
	1500mm 1,5
Dimensions WxH (mm)	24 x 24

Options

Color/CCT

- RGBW3000K
- RGBW4000K

Length

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

Accessories

- Dome Cover
- Tube Cover
- Square Cover

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.

CE RoHS IP65 IK07

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

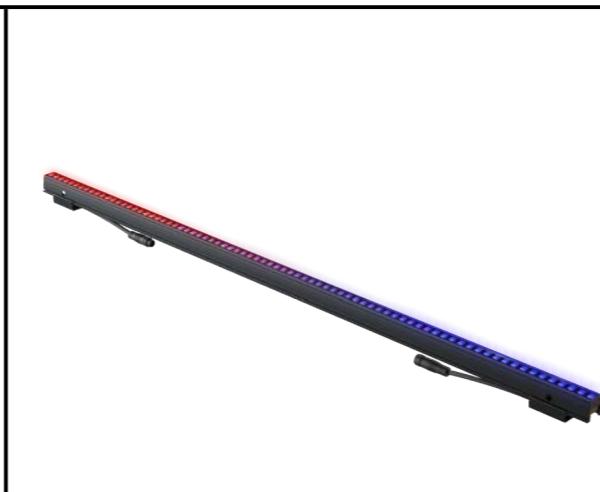
Installation Conditions & Lighting Data

Maximum Run Length Power ¹ (m)	10
Maximum Run Length Data ¹ (m)	@30fps 70 @50fps 40
Maximum Leader Cable Length ¹ (m)	Up to 20
Delivered Lumen Full RGB (lm)	
Lumen Maintenance Calculated Hours (h)	L70B20 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
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP65
Certification	CE, RoHS
Warranty	3 Years



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

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.



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)	216
Beam Angle (°)	Flat 95 Dome, Square 150
LED Type	3in1 + Discrete
Color Range	RGBW
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 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

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

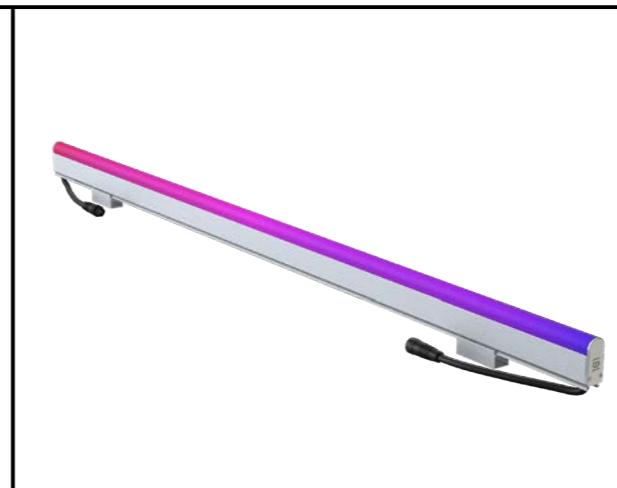
Installation Conditions & Lighting Data

Maximum Run Length Power ¹ (m)	28,8
Maximum Run Length Data ¹ (m)	@30fps 7,6 @50fps 4,7
Maximum Leader Cable Length ¹ (m)	Up to 20
Delivered Lumen Full RGB (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
Weight (kg)	900mm 0,8
	1200mm 1,2
	1500mm 1,4
Dimensions WxH (mm)	Flat 32 x 18,3 Dome, Square 46 x 18,3

Options

Length

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

Covers

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

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
Weight (kg)	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

- 2700-5700K

Length

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

Covers

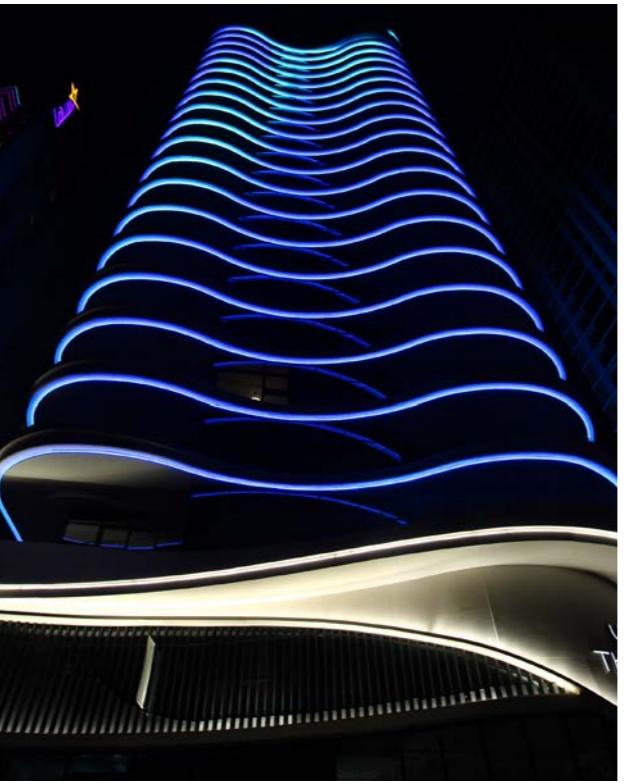
- Flat Opal
- Flat Transparent
- Dome Opal
- Square Opal

Rostamni Tower

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.

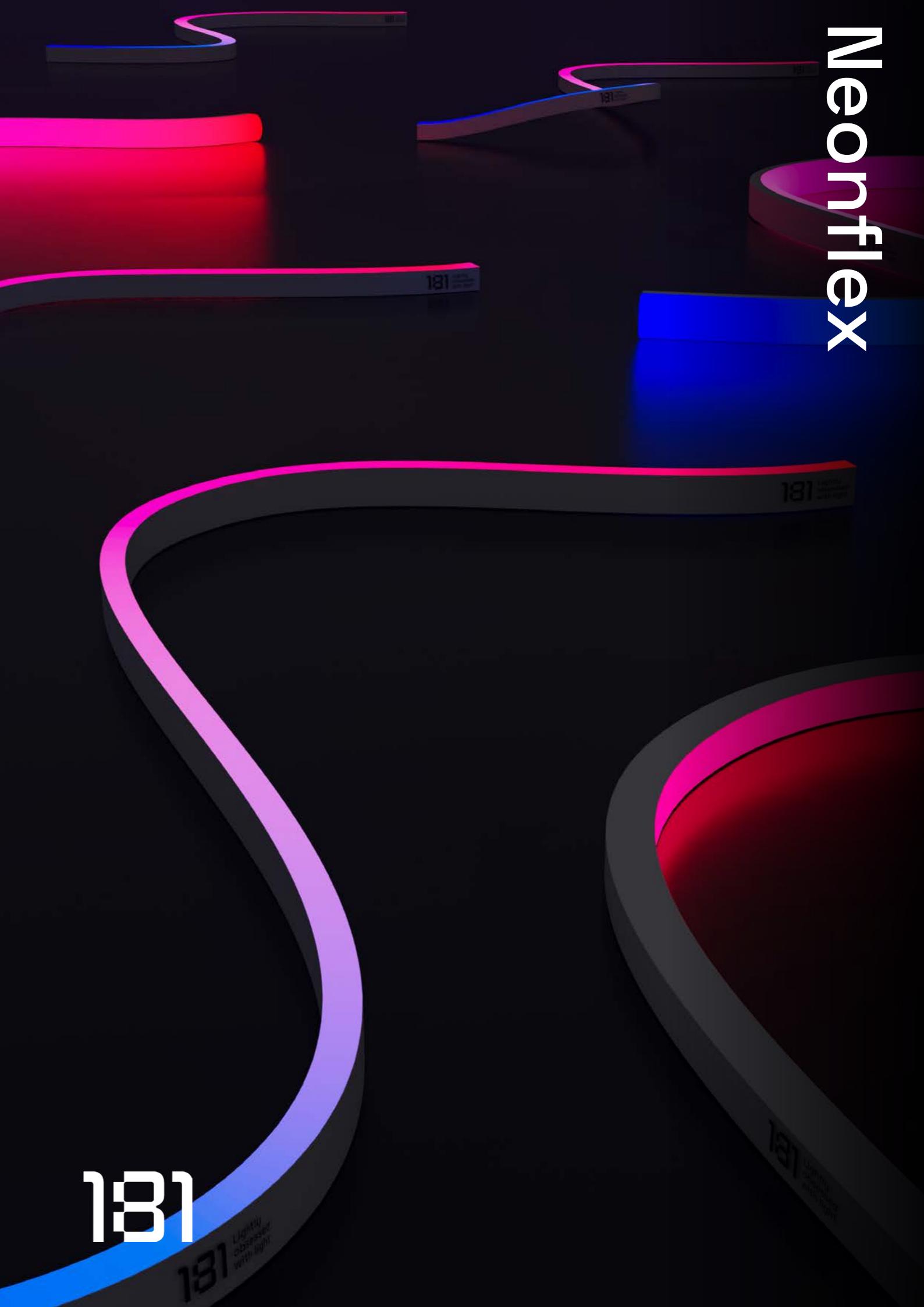


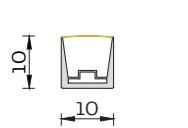
The New Urban Expression

Created in collaboration with Lacasa Architects, the Rostamni 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 facade, and highlighting every turn – it echoes the forward-thinking details of modern architecture.



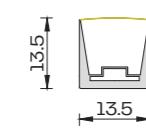
Client: Al Rostamni Group
Design & consultancy: Lacasa Architects
Partners: Modern Lighting





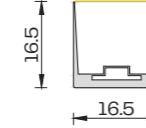
1010 Top Bend

Straight Profile
Clip Profile
Straight Profile Transparent
Curved Profile
Flex Profile



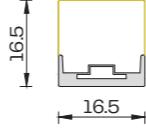
1313 Top Bend

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



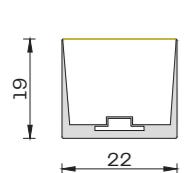
1616 Top Bend

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



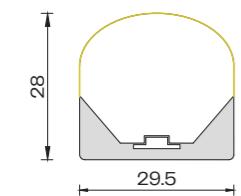
1717 Top Bend

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



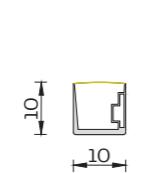
2219 Top Bend

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



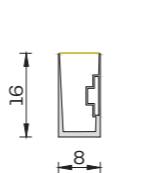
3027 Top Bend

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



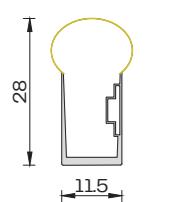
1010 Side Bend

Straight Profile
Clip Profile
Curved Profile
Straight Profile Transparent
Flex Profile



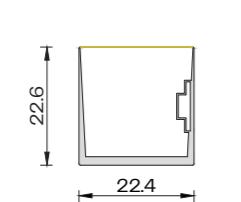
0816 Side Bend

Straight Profile
Clip Profile
Curved Profile
Straight Profile Transparent
Flex Profile



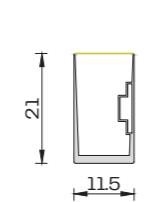
1128 Side Bend

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



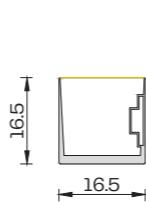
2222 Side Bend

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



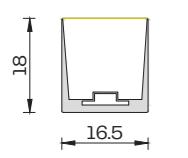
1121 Side Bend

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 Recessed
Curved Profile



1618 Dual Bend

Straight Profile
Clip Profile
Straight Profile Cable Duct
Straight Profile Recessed
Straight Profile Transparent

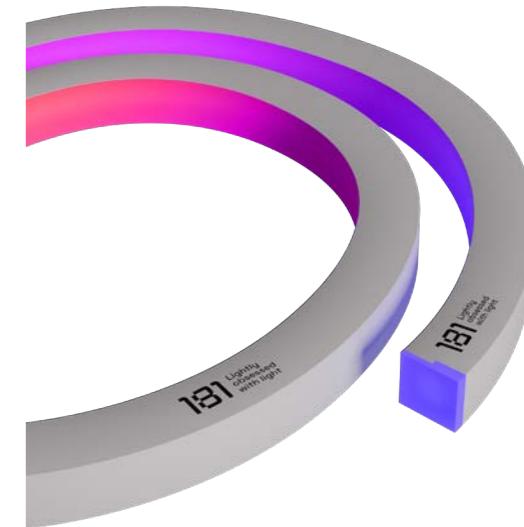


The DiGi Neonflex Top Bend Multi Color RGBW 48V is a flexible linear lighting solution for clean, continuous lines of dynamic RGBW lighting in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours.

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.



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
CRI	≥80, ≥90
Control	DMX

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"/> 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

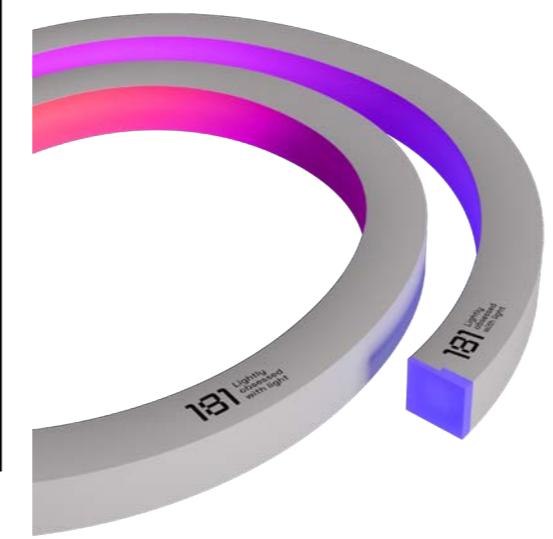
Power Consumption (W/m)	1313	22
	1616/1717	18
	3027/2219	
Input Voltage (V DC)	24	
LEDs (/m)	1313	84
	1616/1717	70
	3027/2219	
LED Pitch (mm)	1313	11,90
	1616/1717	14,29
	3027/2219	
Pixels (/m)	1313	12
	1616/1717	10
	3027/2219	
Color Range	RGBW	
Beam Angle (°)	1313/1616/2219	120
	1717	210
	3027	270
CRI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



Physical

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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Control

- SPI
- 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)	1616	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

- 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.

CE RoHS UL IP68 IK08

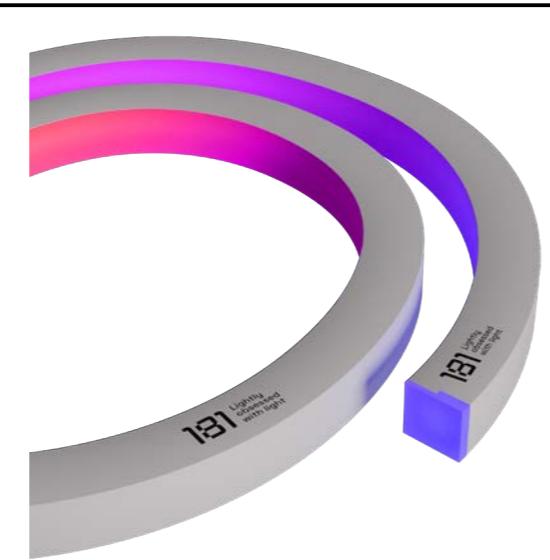
Specifications

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
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



DiGi Neonflex Top Bend Tunable White 48V

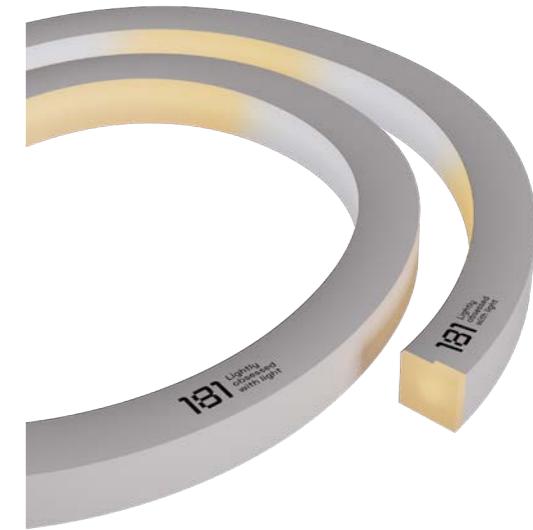
181

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.



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

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 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
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



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.

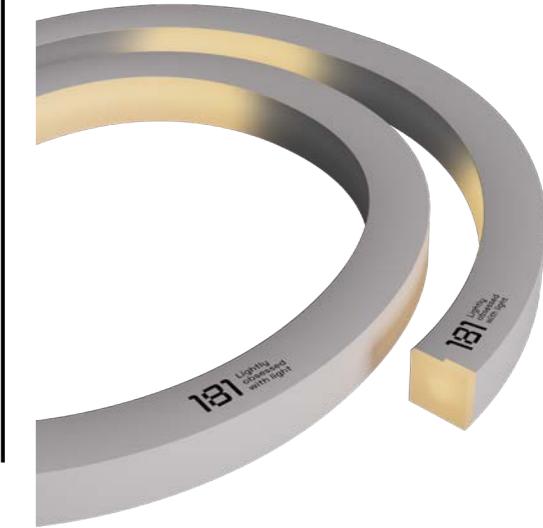
CE RoHS UL IP68 IK08

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



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.

 RoHS  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
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

- 2200K
- 2700K
- 3000K
- 3500K
- 4000K
- 4500K
- 5000K
- 6500K

Control

- SPI
- 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.

 RoHS  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
Weight (kg/m)	1121 0,45 1616 0,45 1128 0,55 2222 0,60
Dimensions WxH (mm)	1121 120 1616 120 1128 270 2222 120

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

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.

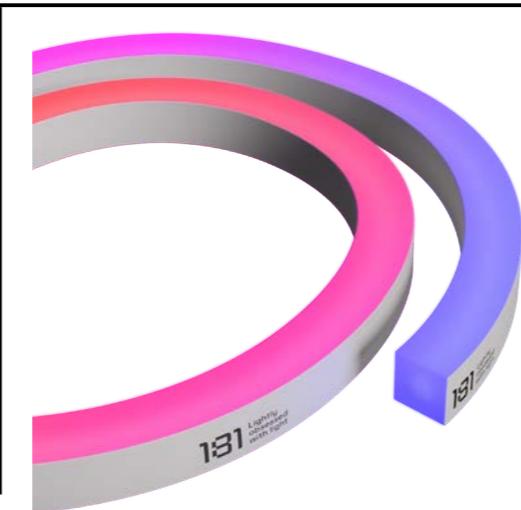
CE RoHS UL IP68 IK08

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
1121	120
1616	120
1128	270
2222	120
CRI	≥80, ≥90
Control	SPI, DMX

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
	1121	80
Bending Radius (mm)	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



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
Input Voltage (V DC)	1128/2222 15
LEDs (/m)	48
LED Pitch (mm)	84
Pixels (/m)	11,90
Channels (/m)	6
LEDs (/segment)	18
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

DiGi Neonflex Side Bend Multi Color RGB 24V

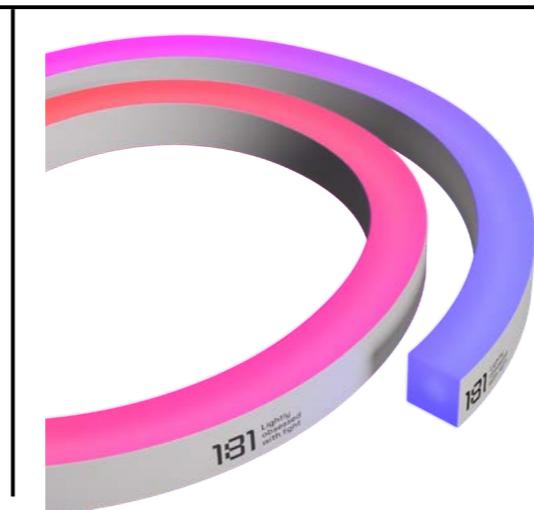
181

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
Beam Angle (°)	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
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

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
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

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

- 2200K-5700K
- 2700K-5700K
- 2300K-5700K

Control

- SPI
- 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

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
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



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

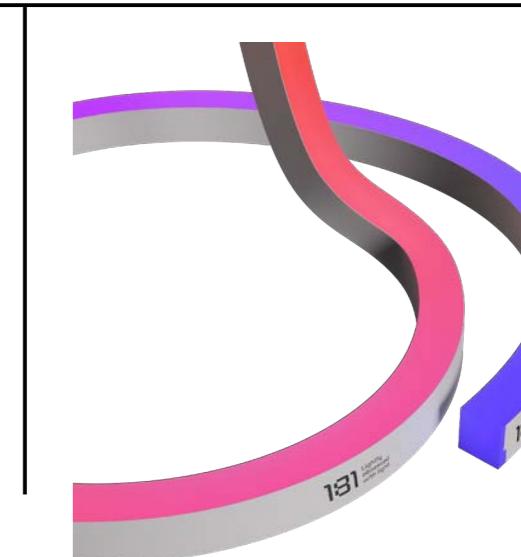
General	
Power Consumption (W/m)	20
Input Voltage (V DC)	24
LEDs (/m)	72
LED Pitch (mm)	13,89
Pixels (/m)	12
Color Range	RGBW
Beam Angle (°)	120
LEDs (/segment)	6
Channels (/m)	48
CRI	≥80, ≥90
Control	DMX

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



oneeighty
one.com

Bromostraat 18-1
1067TG Amsterdam
The Netherlands
Info@oneeightyone.com
+31 (0)20 8200 170
@oneeightyonelighting

oneeighty
one.com

Bromostraat 18-1
1067TG Amsterdam
The Netherlands
Info@oneeightyone.com
+31 (0)20 8200 170
@oneeightyonelighting

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.

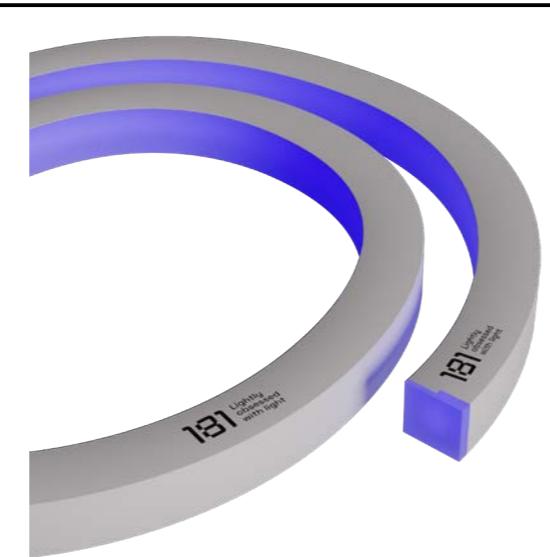
 RoHS  IP68 IK08

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
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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Neonflex Top Bend Multi Color RGBW 24V

181

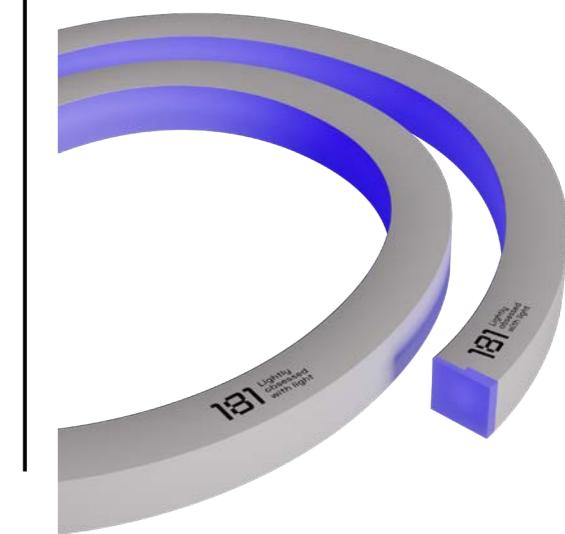
Neonflex Top Bend RGBW 24V is a flexible linear lighting solution for clean, continuous lines of dynamic light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations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

 RoHS  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
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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- 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.

 RoHS  IP68 IK08

Specifications

General

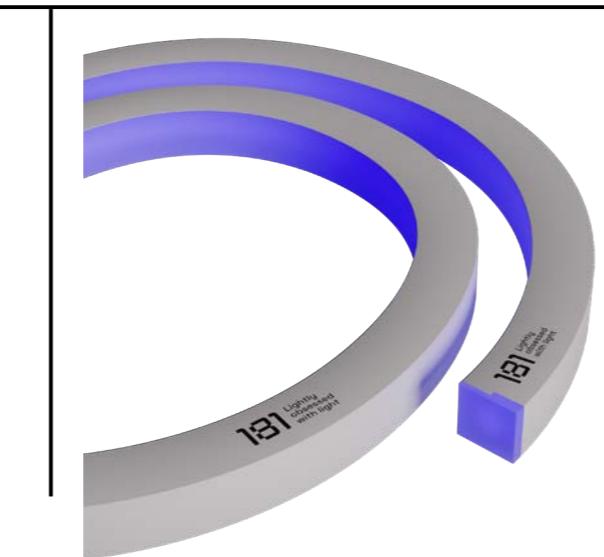
Power Consumption (W/m)	15
Input Voltage (V DC)	48
LEDs (/m)	84
LED Pitch (mm)	11,90
Color Range	RGB
Beam Angle (°)	1616/2219 120 1717 210 3027 270
LEDs (/segment)	14
Control	PWM

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
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



Neonflex Top Bend Multi Color RGB 24V

181

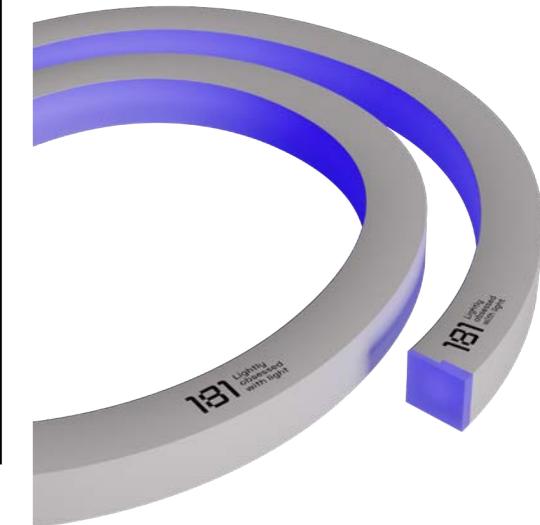
Neonflex Top Bend RGB 24V is a flexible linear lighting solution for clean, continuous lines of dynamic light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations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

 RoHS  IP68 IK08



Specifications

General

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

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



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 $\geq 80-90$ 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 $+55^{\circ}\text{C}$ 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.

 RoHS  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 ($^{\circ}$)	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
Maximum Run Length (m)	1010	15 30
	1313/1616/1717/3027/2219	20 40
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating

Environment	Outdoor
Installation Temperature ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-40 to $+55$
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes



Options

Color/CCT

2200K 3000K 4000K 5000K
 2700K 3500K 4500K 6500K

Neonflex Top Bend Tunable White 24V

181

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 $\geq 80-90$ 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 $+55^{\circ}\text{C}$ 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.

 RoHS  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
	1313/1616/2219 120
Beam Angle ($^{\circ}$)	1717 210
	3027 270
LEDs (/segment)	12
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
Maximum Run Length (m)	1010	10 x 10
	1313	13,5 x 13,5
Dimensions WxH (mm)	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
	1010 0,40
	1313 0,45
Weight (kg/m)	1616 0,45
	1717 0,45
	3027 0,60
Dimensions WxH (mm)	2219 0,60
	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

2200K-5700K
 2700K-5700K
 3000K-5700K

Operating

Environment	Outdoor
Installation Temperature ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-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

Neonflex Top Bend White 24V

181

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

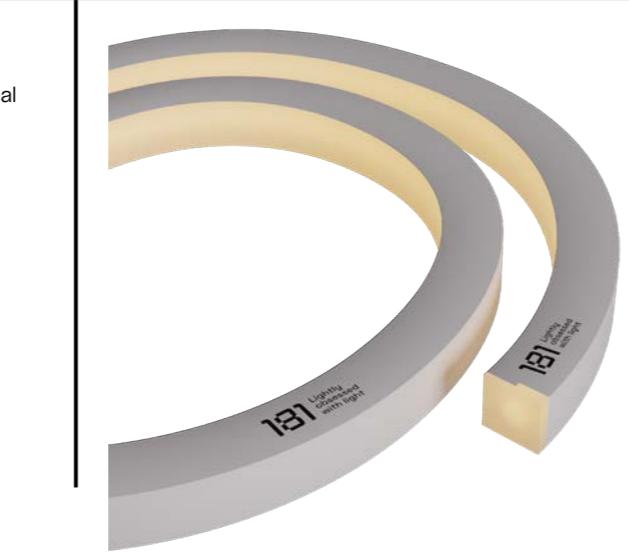
Specifications

General

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

Installation Conditions & Lighting Data

Segment Length (mm)	1010 1313/1616/1717/3027 1616/1717/3027/2219 (10 W)	100 83,3 83,3
Bending Radius (mm)	1010 1313 1616/1717 3027/2219	(10 W) 150 80 120 (10 W) 400 (15 W)
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 1616/1717 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

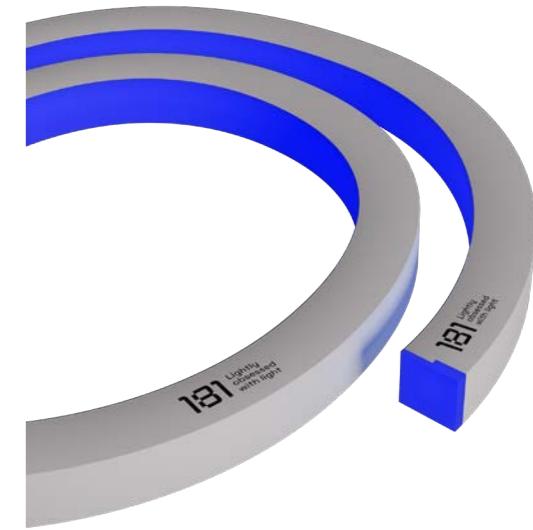
Neonflex Top Bend Single Color 24V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With top-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic installations 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 1717/3027/2219	10
Input Voltage (V DC)	24	

LEDs (/m)	1010 1313/1616/1717 3027/2219	(10 W) 120 (10 W) 144
LED Pitch (mm)	1313/1616/1717 3027/2219	(10 W) 6,94

Color Range	Single Color
Beam Angle (°)	1010/1313/1616/2219 120 1717 210 3027 270
LEDs (/segment)	1616/1717/3027/2219 (15 W) 7
Limited Warranty	1010/1313/1616 1717/3027/2219 (10 W) 12

Control PWM

Installation Conditions & Lighting Data

Segment Length (mm)	1010 1313/1616/1717/3027 1616/1717/3027/2219 (10 W)	100 83,3 83,3
Bending Radius (mm)	1010 1313 1616/1717 3027/2219	(10 W) 150 80 120 (10 W) 400 (15 W)

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
Maximum Run Length (m)	5 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) & 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
Maximum Run Length (m)	5 10
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C

Options

Color/CCT	
1010	

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 $\geq 80-90$ 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 $+55^{\circ}\text{C}$ 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.

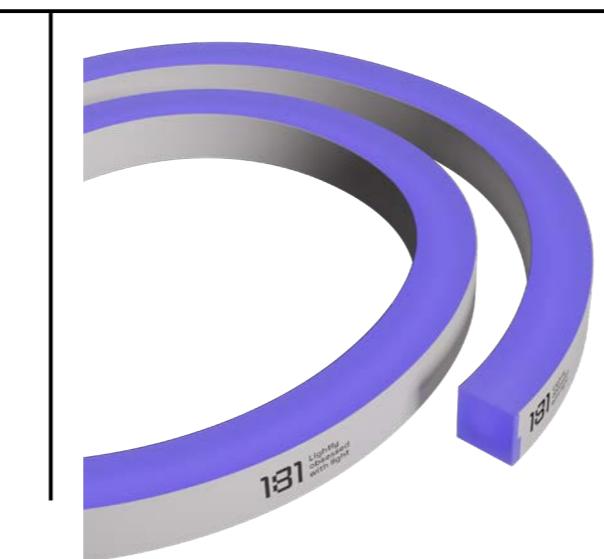
 RoHS  IP68 IK08

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 ($^{\circ}$)	1121/1616/2222 120 1128 270
LEDs Segment	14
CRI	$\geq 80, \geq 90$
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 14 1616 20 2222 20	
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C	

Operating	
Environment	Outdoor
Installation Temperature ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Neonflex Side Bend Multi Color RGBW 24V

181

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 $\geq 80-90$ 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 $+55^{\circ}\text{C}$ 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.

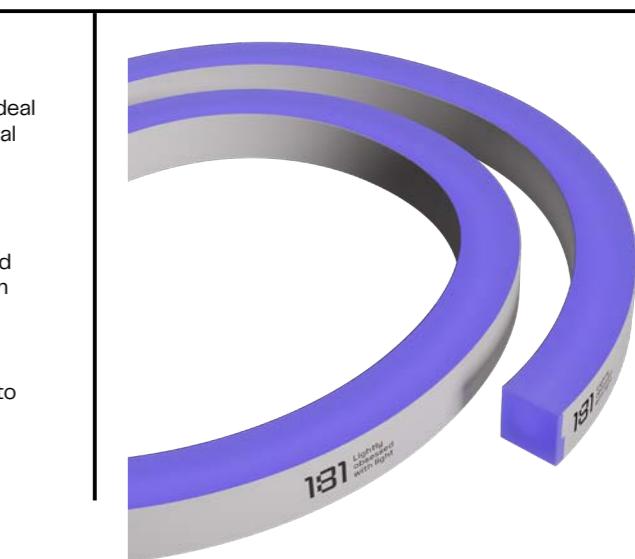
 RoHS  IP68 IK08

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 ($^{\circ}$)	1121/1616/2222 120 1128 270
LEDs Segment	6
CRI	$\geq 80, \geq 90$
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 ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Neonflex Side Bend Multi Color RGB 48V

181

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 ≥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.

 RoHS  IP68 IK08

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

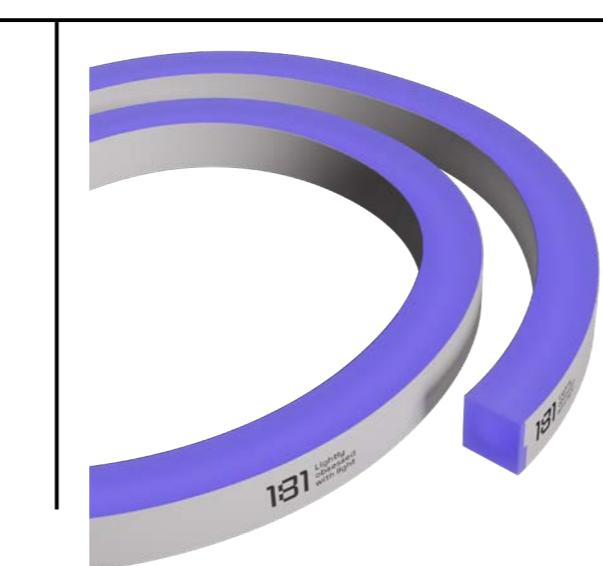
Segment Length (mm)	167	
Bending Radius (mm)	1121/1128	80
	1616	150
	2222	400
Maximum Run Length (m)	20	

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

181

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 ≥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.

 RoHS  IP68 IK08

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 1616/2222 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.

 RoHS  IP68 IK08

Specifications

General

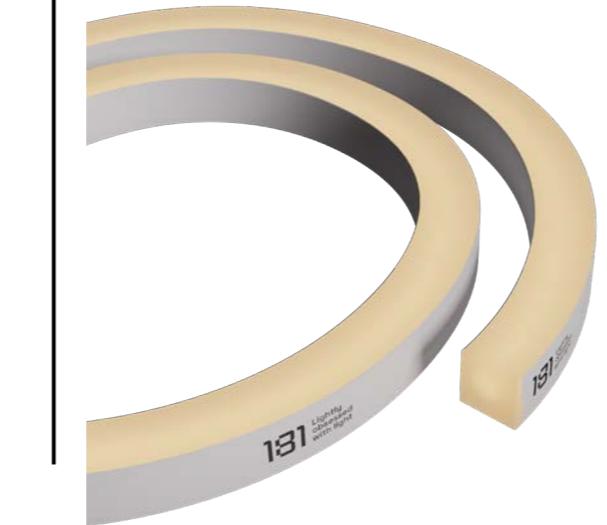
Power Consumption (W/m)	1010	8
	1121/1128/2222	9
	0816/1616	12
Input Voltage (V DC)	48	
LEDs (/m)	1010	120
	0816/1616/1121	140
	1128/2222	
LED Pitch (mm)	1010	7,14
	0816/1616/1121	8,33
	1128/2222	
Color Range	White	
Beam Angle (°)	120	
LEDs Segment	1010	12
	0816/1616/1121	14
	1128/2222	
CRI	≥ 80 , ≥ 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 20
	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



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

- 2200K
- 2700K
- 3000K
- 3500K
- 4000K
- 4500K
- 5000K
- 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.

 RoHS  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
	1121/1128 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

- 2200K-5700K
- 2700K-5700K
- 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.

 RoHS  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) 83,3
	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) 10
	1112/1128	(15W) 8
	2222	(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

- 2200K
- 2700K
- 3000K
- 3500K
- 4000K
- 4500K
- 5000K
- 6500K



Neonflex Side Bend Single Color 48V

181

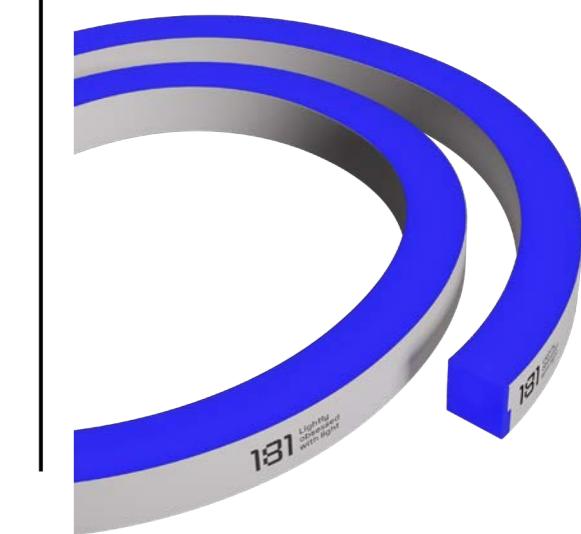
Neonflex Side Bend Single Color 48V is a flexible linear lighting solution for clean, continuous lines of white light in architectural applications. With side-bend flexibility, it smoothly navigates tight curves, circular forms, and contours. Ideal for curved facades, circular features, and artistic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

 RoHS  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
Maximum Run Length (m)	1010
	15
	0816
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)	1010
	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"/> 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 $+55^{\circ}\text{C}$ 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	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
LED Pitch (mm)	1010/0816	(10W) 8,33
	1616/2222	(10W) 6,94
	1121/1128	(12W) 16,67
	1121/1128/2222	(15W) 11,90
Color Range	Single Color	
Beam Angle ($^{\circ}$)	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)	
	1121/1128 (12W)	80
1128 (15W)		
1010/1616 (10W)	150	
2222 (10W & 15W)	400	
Maximum Run Length (m)	1010 (10W)	5
	1121/1128/2222 (15W)	8
0816/1616/2222 (10W)	10	
1121/1128 (12W)		
Lumen Maintenance Calculated Hours (h)	70,000 Hours L70 @ 25°C	
	50,000 Hours L70 @ 50°C	

Operating

Environment	Outdoor
Installation Temperature ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-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
	1121/11616 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
2222	<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

*0816 Only

*0816 Only

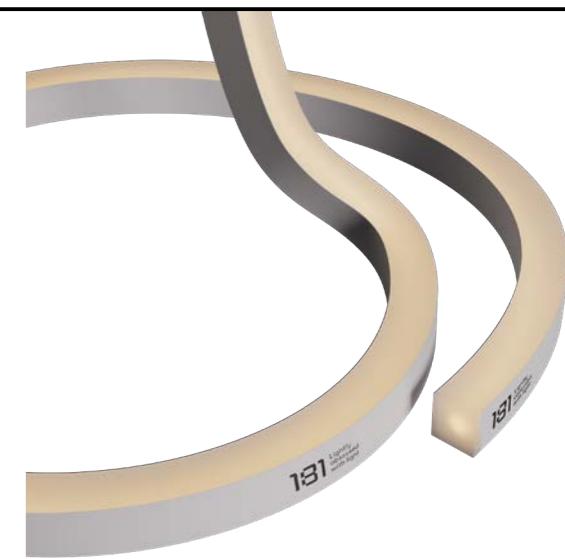
*0816 Only

Neonflex Dual Bend White 24V

181

Neonflex Dual Bend White 24V is a flexible linear lighting solution for clean, continuous lines of white 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 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.

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	White
Beam Angle ($^{\circ}$)	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 ($^{\circ}\text{C}$)	0 to $+50$
Working Temperature ($^{\circ}\text{C}$)	-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
Dimensions WxH (mm)	16 x 18

Options

Color/CCT

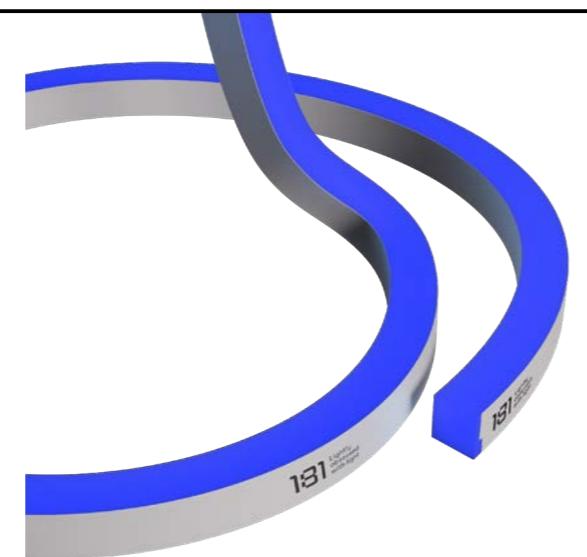
- 2200K
- 2700K
- 3000K
- 3500K
- 4000K
- 4500K
- 5000K
- 6500K

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.

RoHS 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
Dimensions WxH (mm)	1618
	16 x 18

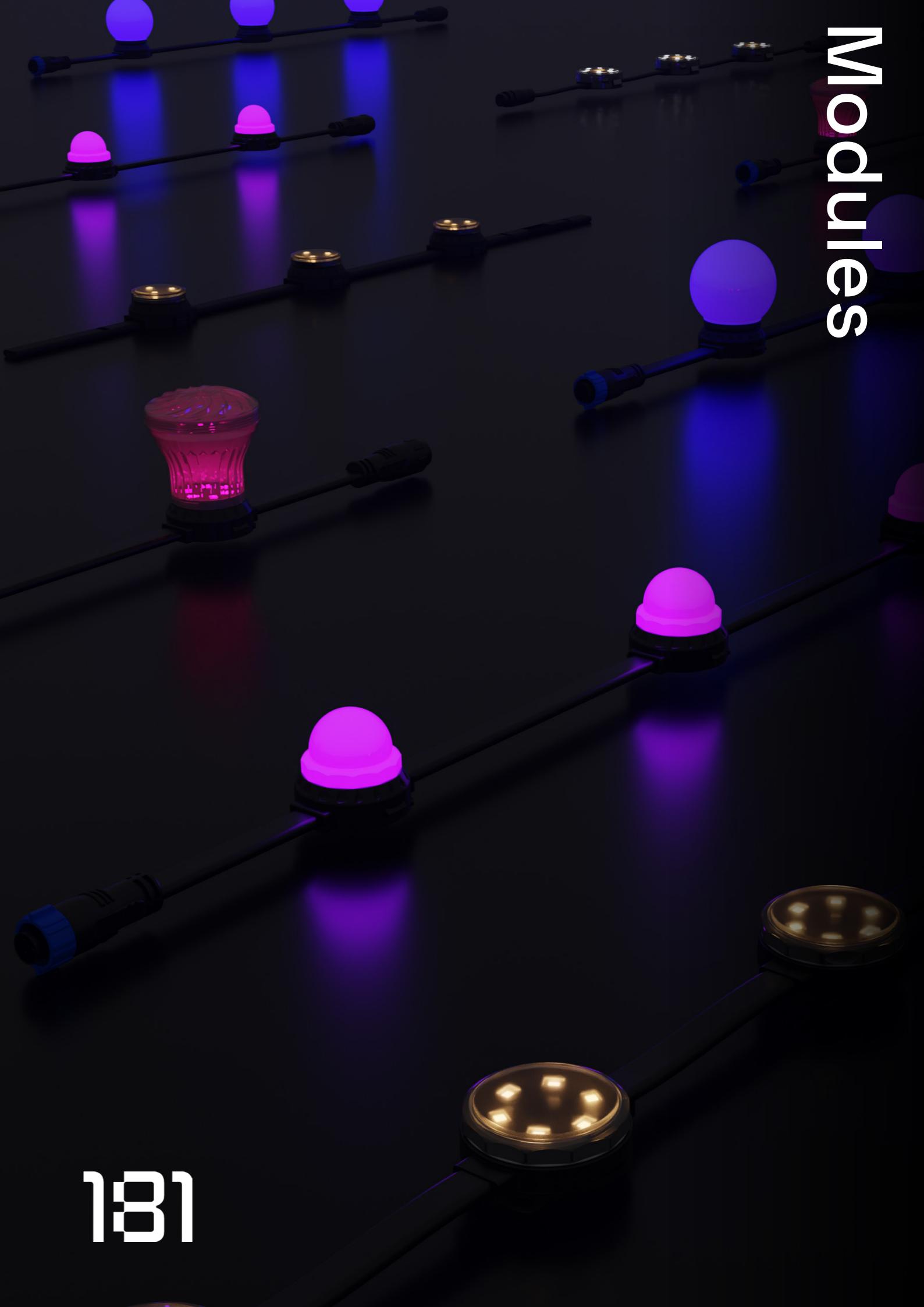
Options

Color/CCT

- Red
- Green
- Blue
- Yellow
- Pink



Modules

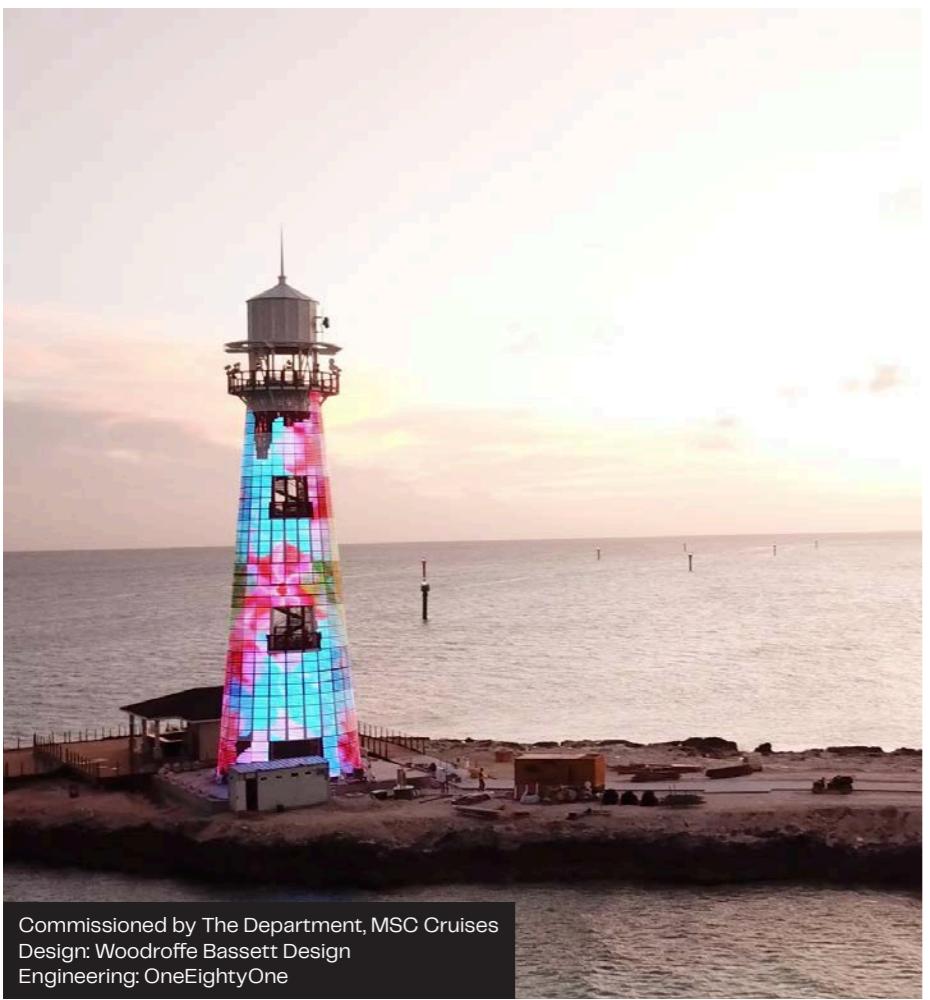


lighthouse



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.



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.

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 through SPI with IP67 environmental protection for maximum design flexibility.

CE RoHS ETL 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



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

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 through SPI with IP67 environmental protection for maximum design flexibility.

CE RoHS ETL 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	

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 through SPI with IP67 environmental protection for maximum design flexibility.

 RoHS  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

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

Color/CCT

2700K 5000K
 3000K 6500K
 4000K

Covers

Flat Transparent Dome
 Globe Turbo

Accessories

Mounting Clip Panel Ring
 Mounting Profile

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.

 RoHS  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	

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
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

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
<input type="checkbox"/> Flat Transparent	<input type="checkbox"/> Flat Transparent
<input type="checkbox"/> Dome	<input type="checkbox"/> Dome
<input type="checkbox"/> Globe	<input type="checkbox"/> Globe
<input type="checkbox"/> Turbo	<input type="checkbox"/> Turbo
Accessories	
ES3	ES6
<input type="checkbox"/> Mounting Profile	<input type="checkbox"/> Mounting Profile

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 ETL 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)	L80B10 50,000	
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



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 RGB (lm)	1343 (RGBW3000K 20W)	
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 +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

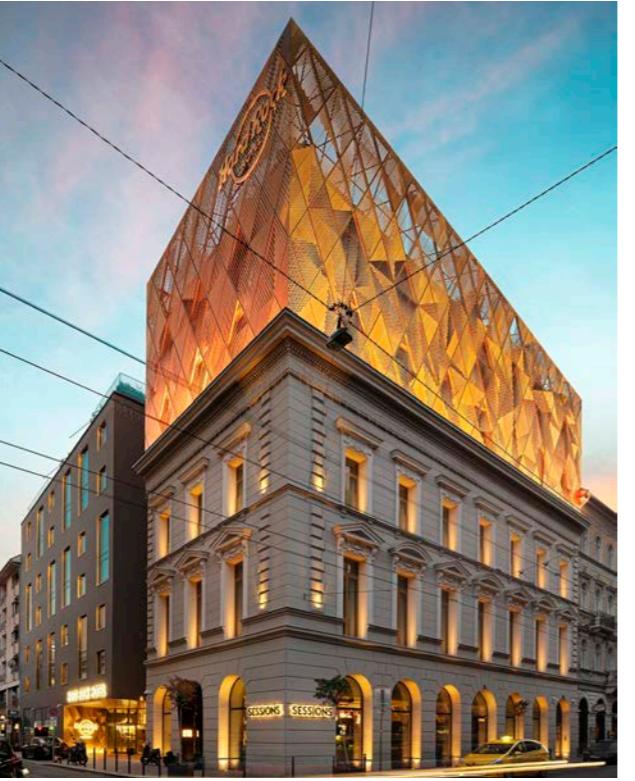
Options

Color/CCT

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K
- RGBW6500K

The Transformative Power

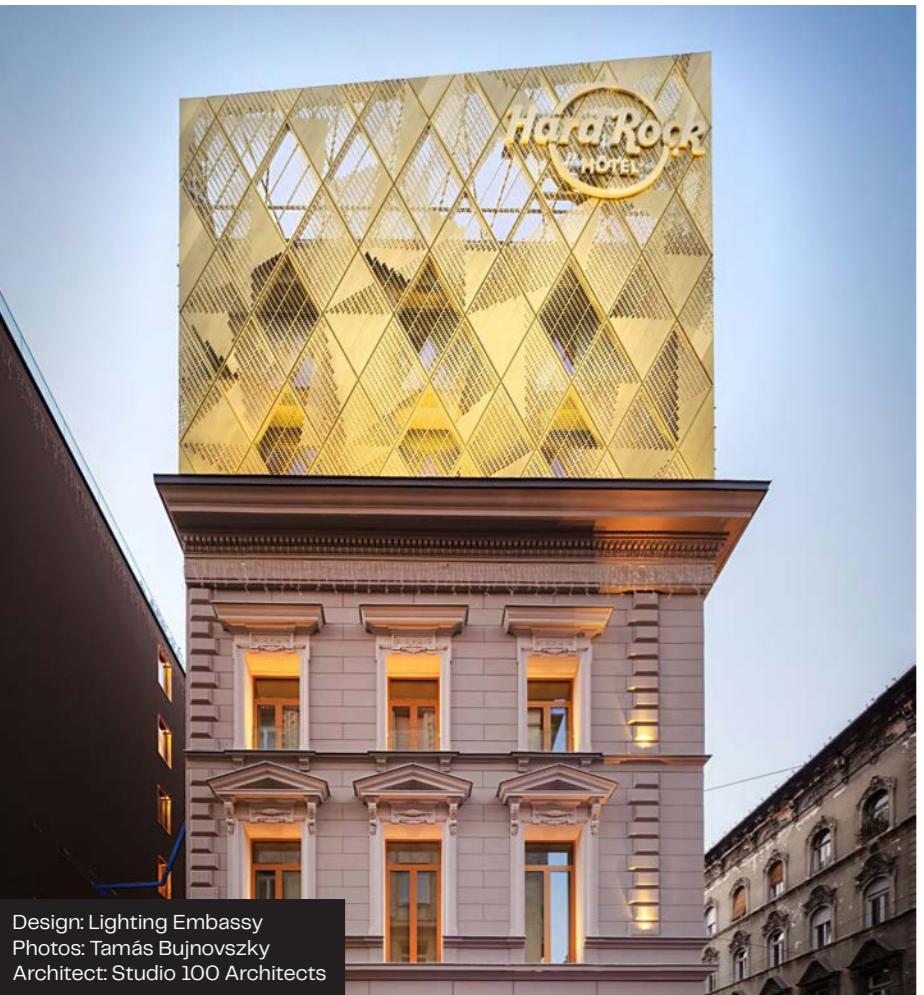
The Hard Rock Hotel is a true landmark of Budapest, instantly recognizable by its distinctive metal framework. Even in daylight, its golden finish stands out through subtle, carefully considered highlighting. After dark, the building is enveloped in warm, energetic light, giving it a bold presence within 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.



Hardrock Cafe

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.



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 @60fps	128 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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Accessories

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

Optics

- 25°
- 45°
- 60°
- 20°x40°

Control

- DMX (RDM)
- PxLNet

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 @60fps	170 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

- 1800-6000K
- 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°
- 60°
- 20°x40°
- 45°

Control

- DMX (RDM)
- PxLNet

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	

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	</td

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.

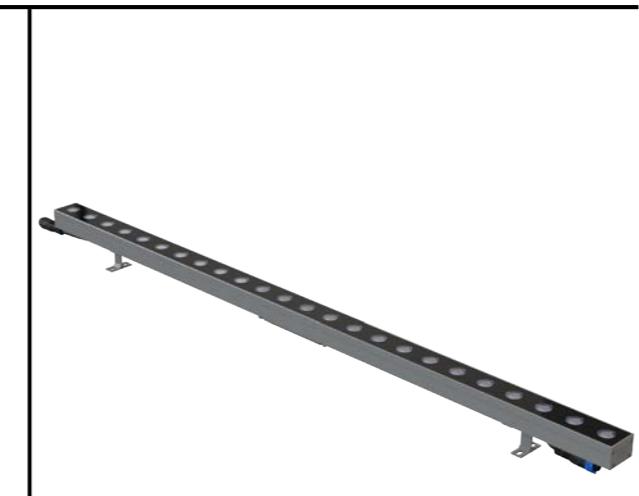
CE RoHS IP67 IK08

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
<input type="checkbox"/> 2700K-6000K	<input type="checkbox"/> 1800K-6000K
Accessories	
<input type="checkbox"/> Glare Shield	<input type="checkbox"/> Quarter Glare Shield
<input type="checkbox"/> Half Glare Shield	<input type="checkbox"/> Honeycomb
Options	
<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

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
Options	
<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

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

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

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"/>	Half Glare Shield
<input type="checkbox"/>	Quarter Glare Shield
<input type="checkbox"/>	Honeycomb
Optics	
<input type="checkbox"/>	15°
<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 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)

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

- 2700K
- 3000K
- 4000K
- 5000K

Accessories

- Glare Shield
- Quarter Glare Shield
- Half Glare Shield
- Honeycomb

Optics

- 12°
- 60°
- 15°
- 12°x22°
- 25°
- 15°x40°
- 45°
- 30°x60°

Control

- DMX (RDM)
- PxLNet

181

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)

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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Accessories

- Glare Shield
- Quarter Glare Shield
- Half Glare Shield
- Honeycomb

Optics

- 25°
- 45°
- 60°
- 20°x40°

Control

- DMX (RDM)
- PxLNet

Linear G100 Tunable White

181

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)

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

- 1800K-6000K
- 2700K-6000K

Accessories

- Glare Shield
- Half Glare Shield
- Quarter Glare Shield
- Honeycomb

Optics

- 15°
- 60°
- 25°
- 20°x40°
- 45°

Control

- DMX (RDM)
- PxLNet

Linear G100 White

181

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)

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

- 2700K
- 3000K
- 4000K
- 5000K

Accessories

- Glare Shield
- Half Glare Shield
- Quarter Glare Shield
- Honeycomb

Optics

- 12°
- 60°
- 15°
- 12°x22°
- 25°
- 15°x40°
- 45°
- 30°x60°

Control

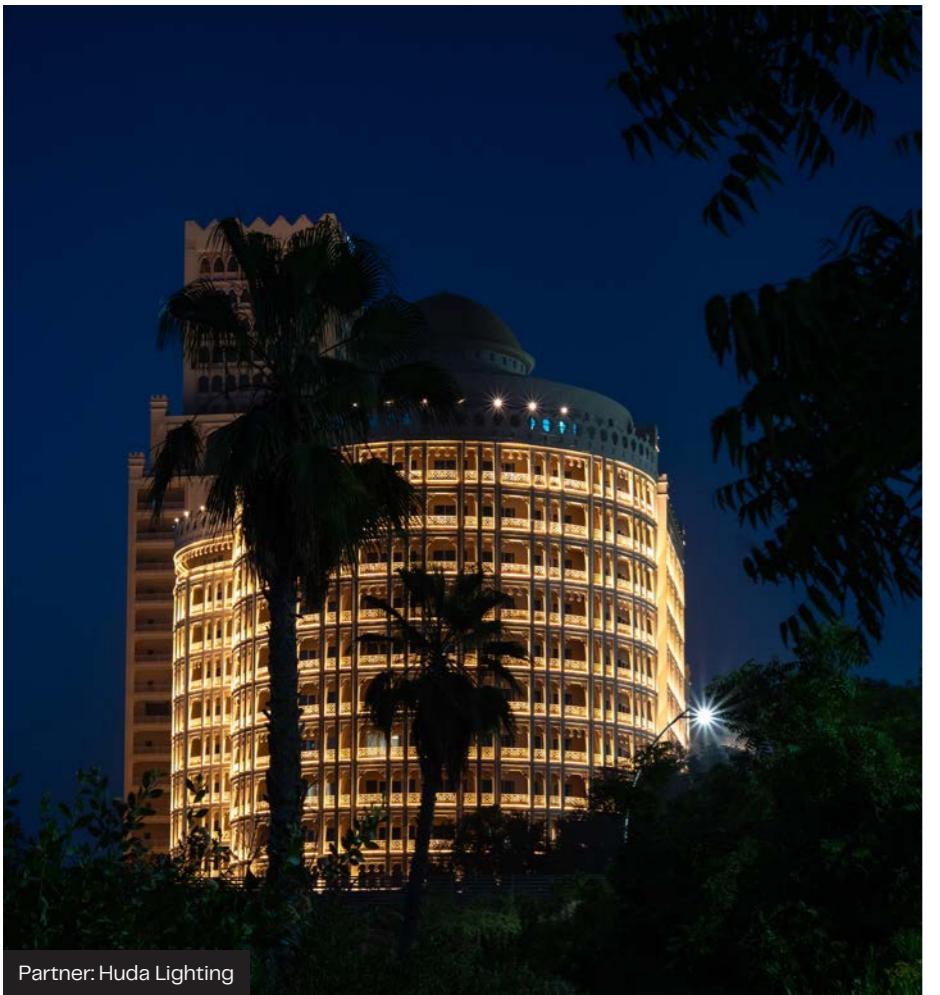
- DMX (RDM)
- PxLNet

Projectors

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.



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

- 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

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

- 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 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

- 2700K
- 3000K
- 4000K
- 5000K

Optics

- 10°
- 15°
- 30°
- 45°
- 60°
- 10°x35°¹
- 10°x50°¹
- 30°x50°¹

¹ Both Horizontal and Vertical alignment available

Control

- DMX (RDM)
- PxLNet

Accessories

- Half Glare Shield
- 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

- 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

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

- 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

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

- 2700K
- 3000K
- 4000K
- 5000K

Optics

- 10°
- 15°
- 30°
- 45°
- 60°
- 10°x35°¹
- 10°x50°¹
- 30°x50°¹

¹ Both Horizontal and Vertical alignment available

Control

- DMX (RDM)
- PxLNet

Accessories

- Half Glare Shield
- Honeycomb

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

- 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

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

- 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 F54 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 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



Beam F72 Multi Color RGBW

181

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



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

- 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

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

- 2700K
- 3000K
- 4000K
- 5000K

Optics

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

¹ Both Horizontal and Vertical alignment available

Control

- DMX (RDM)
- PxLNet

Accessories

- Half Glare Shield
- Honeycomb

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

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

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

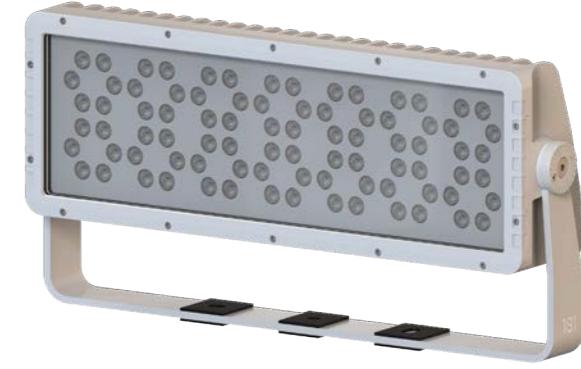
- Half Glare Shield
- Honeycomb

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 F250 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

- RGBW300K
- RGBW400K
- RGBW500K

Optics

- 15°
- 25°
- 45°
- 60°
- 20°x40°¹

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

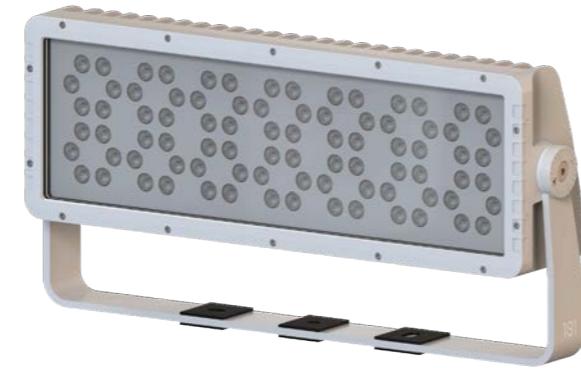
Installation conditions & Lighting Data

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

- 1800K-6000K
- 2700K-6000K

Optics

- 15°
- 25°
- 45°
- 60°
- 20°x40°¹

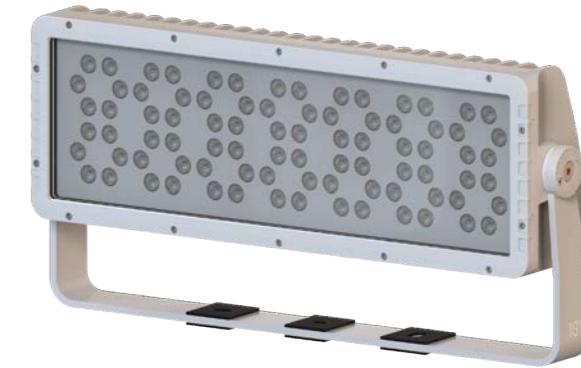
¹ Both Horizontal and Vertical alignment available

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

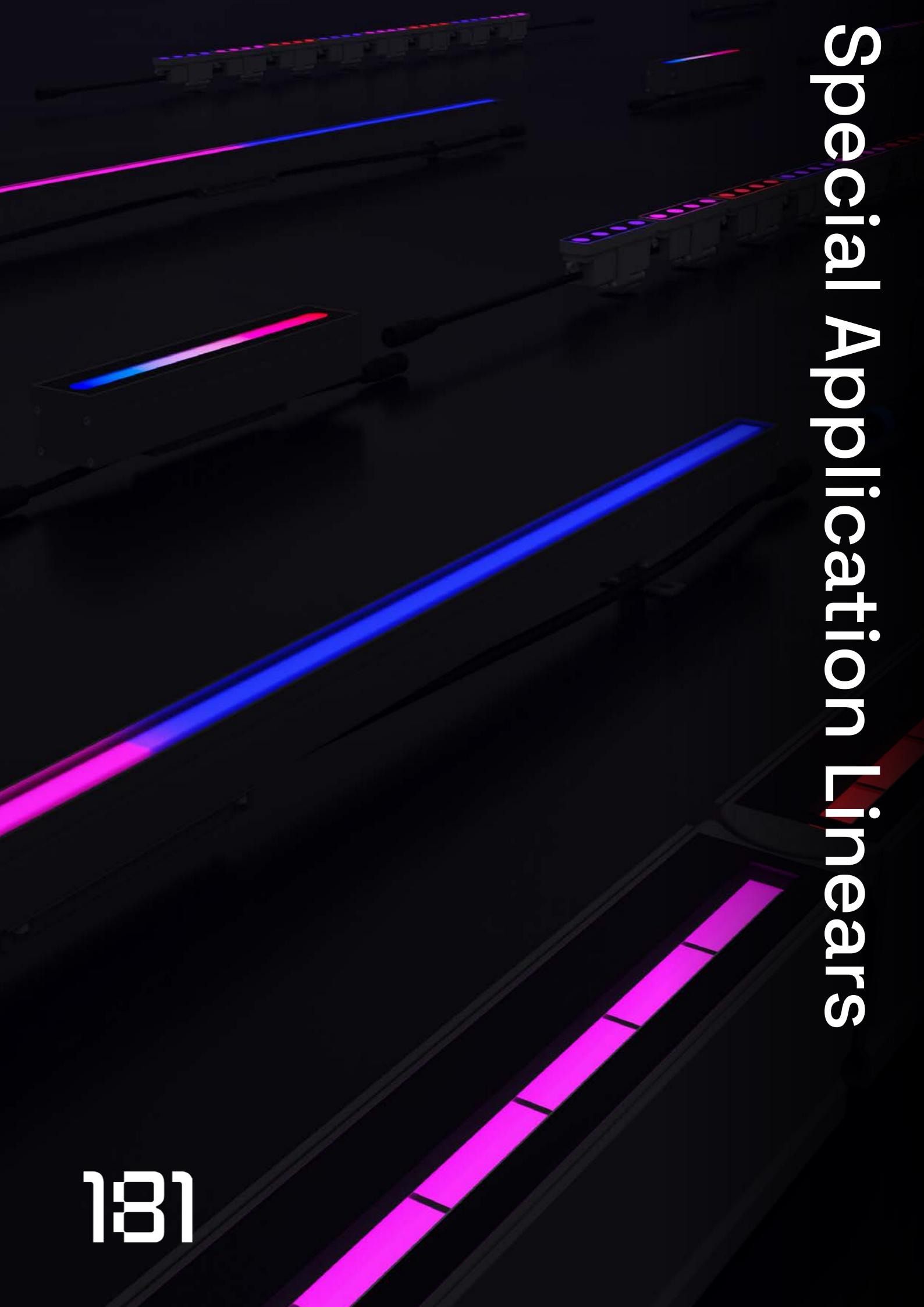
- 2700K
- 3000K
- 4000K
- 5000K

Optics

- 10°
- 15°
- 20°
- 30°
- 45°
- 60°
- 30°x60°¹
- 10°x40°¹
- 10°x60°¹

¹ Both Horizontal and Vertical alignment available

Special Application Lines



ABC Bank

A Living Tapestry

In the vibrant streets of Bahrain, the ABC Bank headquarters glow like a colorful canvas brought to life. Its unique moon-shaped inner courtside 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.

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

Installation Conditions & Lighting Data

Maximum Run Length Power ¹ (m)	6
Maximum Run Length Data ¹ (m)	@45fps 64
Delivered Lumen Full RGBW (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



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 Power ¹ (m)	6
Maximum Run Length Data ¹ (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.

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

Installation Conditions & Lighting Data		
Maximum Run Length Power ¹ (m)	6	
Maximum Run Length Data ¹ (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



Linear Window Multi Color RGBW

181

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 and 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 ¹ (pcs)	20	
Maximum Run Length Data ¹ (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)	0,7
Recessed	0,8
Dimensions WxH (mm)	44 x 59
Surface Mount	250
Recessed	68 x 53
Length (mm)	272

Options

Color/CCT

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Mounting Options

- Surface Mount
- Recessed

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

- 2700K-4000K
- 3000K-5000K
- 2700K-6500K
- 3000K-6000K
- 4000K-6500K

Mounting Options

- Surface Mount
- Recessed



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

- 2700K
- 3000K
- 4000K
- 5000K
- 5700K
- 6500K

Mounting Options

- Surface Mount
- Recessed



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

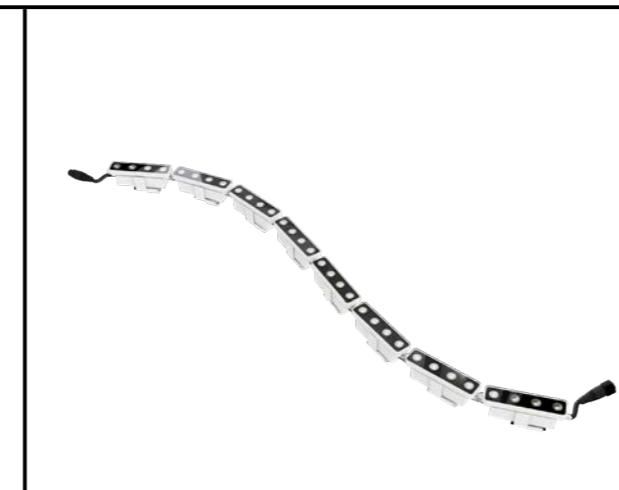
General	
Power Consumption (W/m)	32
Input Voltage (V DC)	24
LEDs (/m)	32
LED Pitch (mm)	30
Pixels (/m)	8
Channels (/m)	32
Flicker Frequency (kHz)	1
LED Type	SMD3030
Color Range	RGBW
CRI	≥80 (Custom on Request)
Control	SPI (UCS8904)
Dimming	16 Bit

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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Accessories

- Top Head

Optics

- 25°
- 35°
- 45°
- 20°x45°

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

- 2700K-4000K
- 3000K-5000K
- 2700K-6500K
- 3000K-6000K
- 4000K-6500K

Accessories

- Top Head

Optics

- 25°
- 35°
- 45°
- 20°x45°

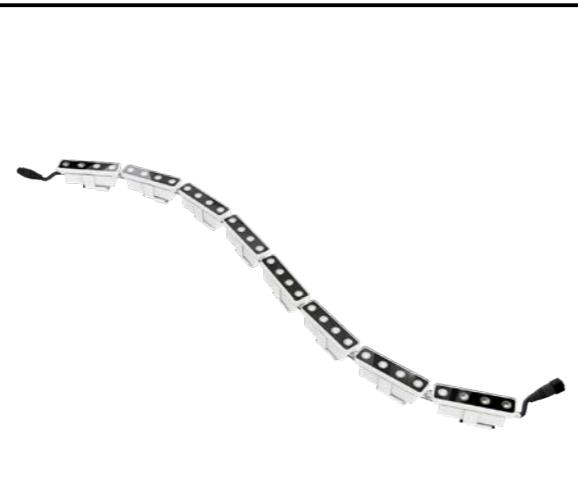
Linear Flex White

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

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

- 2700K
- 3000K
- 4000K
- 5000K
- 5700K
- 6500K

Accessories

- Top Head

Optics

- 25°
- 35°
- 45°
- 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.

- 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
- 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) ³
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

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K

Optics

- 25°
- 45°
- 60°
- 20°x40°

Control

- DMX (RDM)
- PxLNet

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

- 2700K-4000K
- 3000K-5000K
- 2700K-6500K
- 3000K-6000K
- 4000K-6500K

Optics

- 12°
- 15°
- 25°
- 45°
- 60°
- 12°x22°
- 15°x40°
- 30°x60°

Control

- DMX (RDM)
- PxLNet

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

- 2700K
- 3000K
- 4000K
- 5000K
- 5700K
- 6500K

Optics

- 12°
- 15°
- 25°
- 45°
- 60°
- 12°x22°
- 15°x40°
- 30°x60°

Control

- DMX (RDM)
- 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

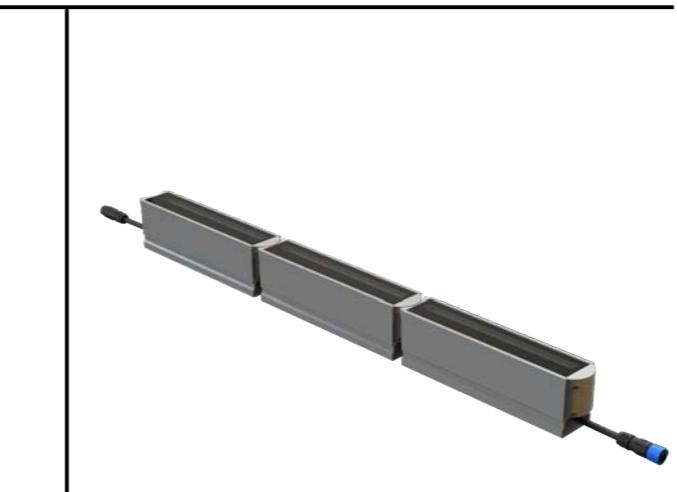
General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	SMD3030 4in1
Channels (/m)	16
Color Range	RGBW
CRI	≥80 (Custom on Request)
Control	DMX (UCS512)
Dimming	16 Bit

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

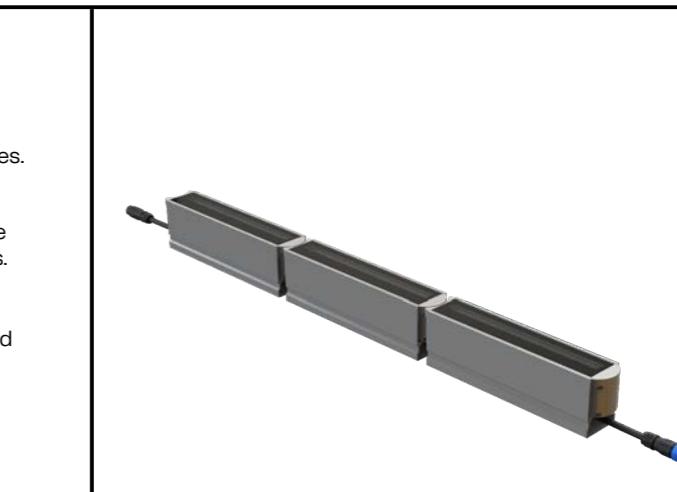
General	
Power Consumption (W/m)	54
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	40
Pixels (/m)	4
Flicker Frequency (kHz)	0,97
LED Type	SMD3030
Channels (/m)	12
Color Range	Tunable White
CRI	≥80 (Custom on Request)
Control	DMX (UCS512)
Dimming	16 Bit

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	
<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°

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

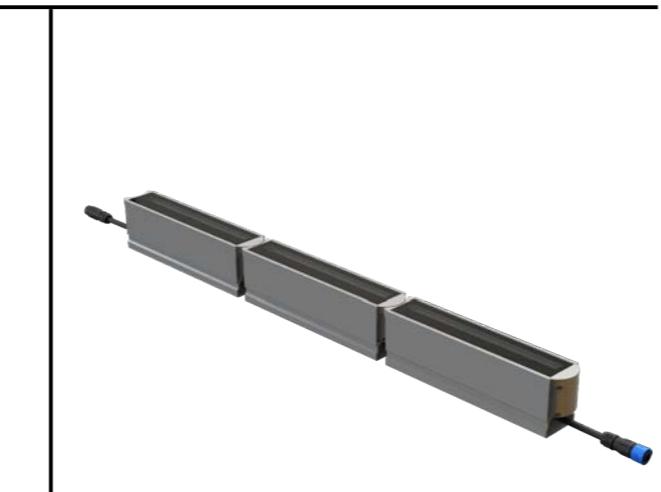
CE RoHS IP68 IK08

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

- 2700K
- 3000K
- 4000K
- 5000K
- 5700K
- 6500K

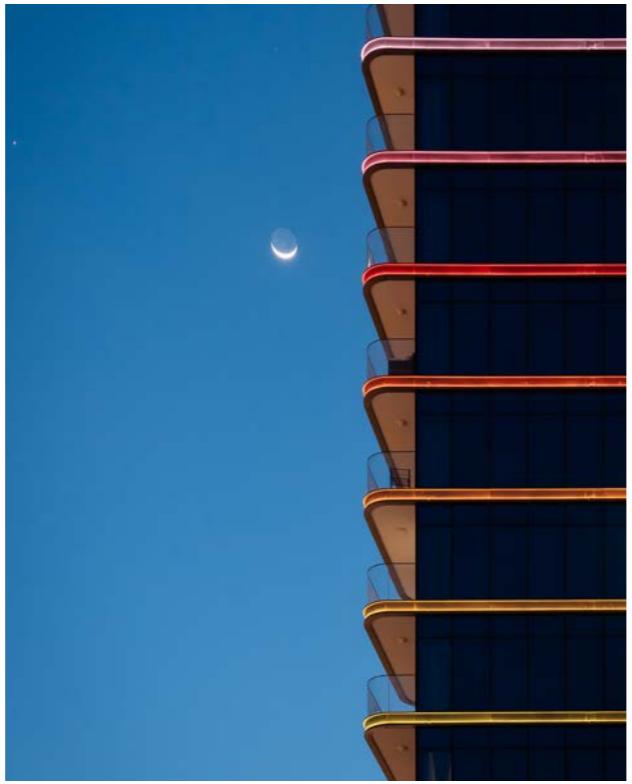
Optics

<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°



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.



Grand Creek



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, highoutput glow that balances system efficiency with a stunning visual signature.

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

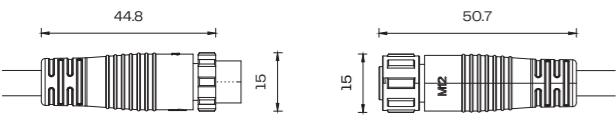
Environment	Outdoor	
Storage Temperature (°C)	-40 to +85	
Working Temperature (°C)	-25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M12 RJ45	IP67 IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical

Cable Material	M12	Nylon (PA66)
Connector Material	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color		Black
Connector Type		M12, M12data, RJ45

Options

- Short Range
- Long Range



Male Connector

Female Connector



Pin Out

Pin 1	Red	V+
Pin 2	Green	Data
Pin 3	Black	GND

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

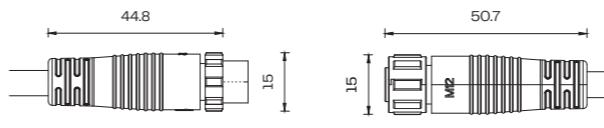
Environment	Outdoor	
Storage Temperature (°C)	-40 to +85	
Working Temperature (°C)	-25 to +65	
Oil Resistant	Yes	
UV Resistant	Yes	
Flame Retardant	Yes	
IK Rating	IK08	
IP Rating	M12 RJ45	IP67 IP20
Certification	CE, RoHS	
Limited Warranty	5 Years	

Physical

Cable Material	M12	Nylon (PA66)
Connector Material	M12data	Nylon (PA66) + SS316
	RJ45	Nylon (PA66) + PC
Cable Color		Black
Connector Type		M12, M12data, RJ45

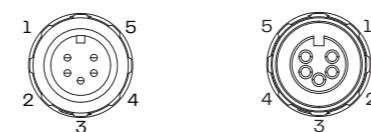
Options

- Short Range
- Long Range



Male Connector

Female Connector



Pin Out

Pin 1	Red	V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

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.

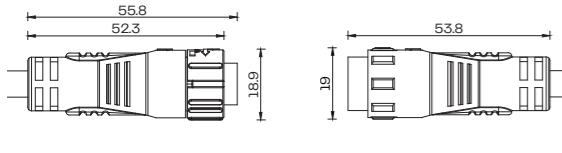
↳ System-Matched Design – Fully compatible with each fixture type for plug-and-play integration.

↳ Robust & Scalable – Built to support flexible layouts, long runs, and outdoor-grade durability.

CE RoHS IP68 IK08

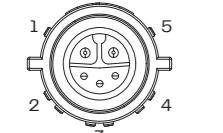
Operating

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



Male Connector

Female Connector



Pin Out

Pin 1	Red	V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND



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	M12	Nylon (PA66)
Connector Material		
Cable Color	Black	
Connector Type	M12	



Pin Out White & Single Color

Pin 1	Red	V+
Pin 2	Black	GND



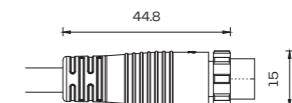
Pin Out Tunable White

Pin 1	Red	V+
Pin 2	Green	Warm White
Pin 3	Black	Cold White

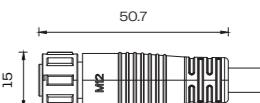


Pin Out Multi Color

Pin 1	Red	V+
Pin 2	Green	Green
Pin 3	White	White
Pin 4	Yellow	Red
Pin 5	Black	Blue



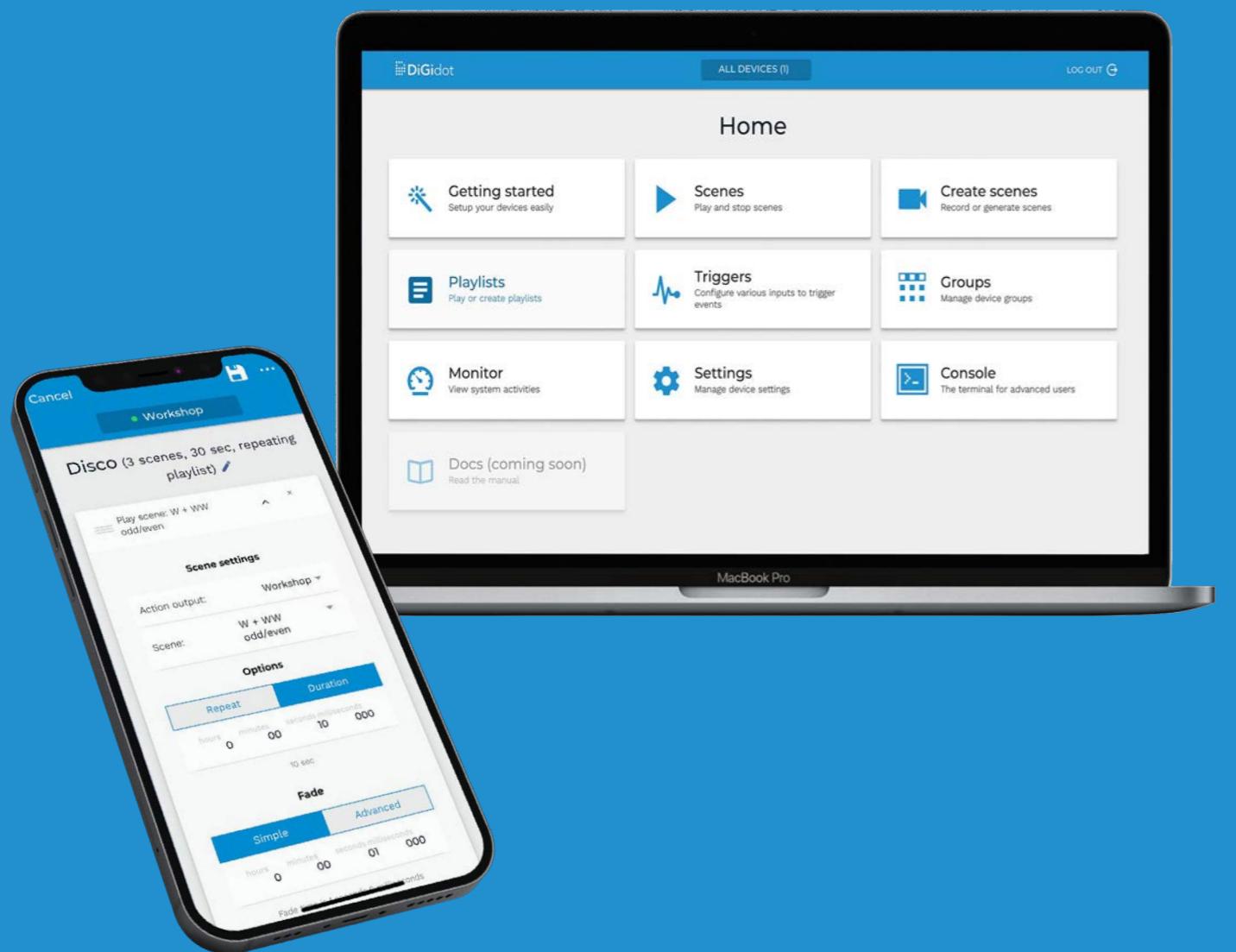
Male Connector



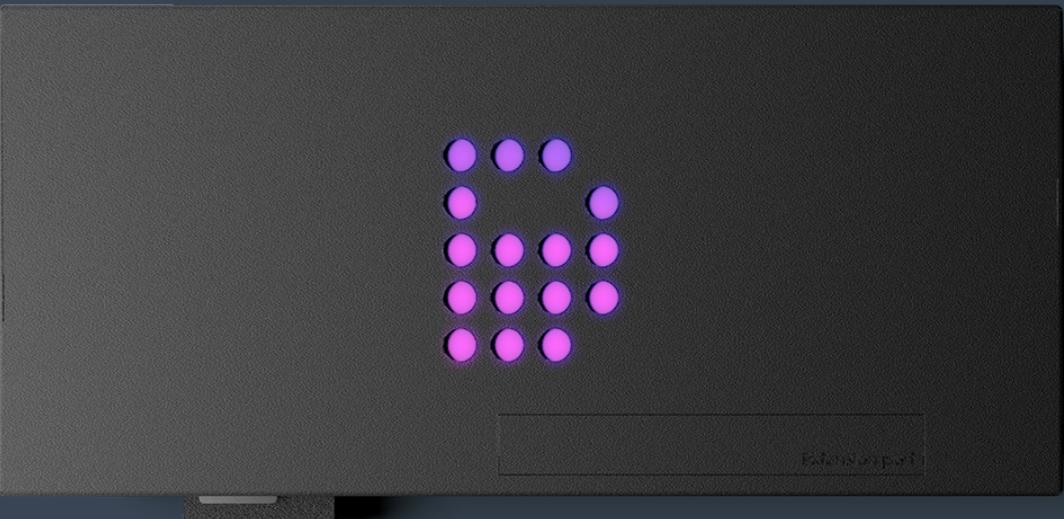
Female Connector

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.

What is DiGidot?

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



DiGidot
PUSHING CONTROL BOUNDARIES



Project: In Bloom
Client: Amsterdam Light Festival
Location: Amsterdam
Photography: Janus van der Eijnden



Amsterdam Office

+31 (0) 20 82 00 170
sales@oneeightyone.com

Bromostraat 18
1067 TG Amsterdam
The Netherlands

Dubai Office

+971 5 05 87 00 99
dubai@oneeightyone.com

Jumeirah Bay X3, Office 1005
JLT Cluster X
Dubai, United Arab Emirates