

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 IP68

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 Data ¹ (m)	@50fps	Up to 75
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)	1343 (RGBW3000K 20W)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

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

Operating

Environment	Outdoor
Storage Temperature (°C)	-40 to +90
Working Temperature (°C)	-25 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	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)	183 x 183 x 56

Options

Color/CCT

- RGBW2700K
- RGBW3000K
- RGBW4000K
- RGBW5000K
- RGBW6500K

Lighting Specifications

DiGi Module P20

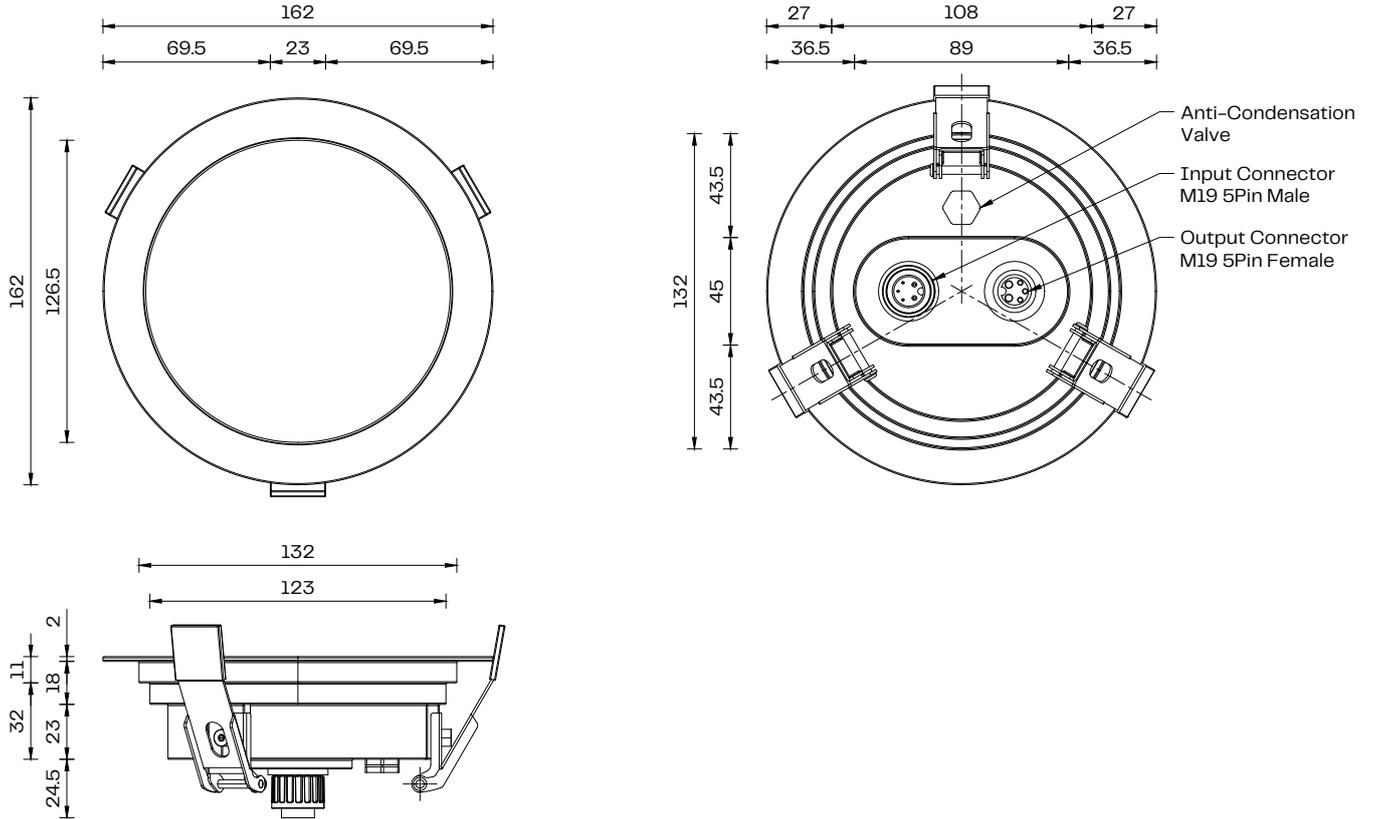
	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K					
RGBW3000K					
RGBW4000K					
RGBW5000K					
RGBW6500K					

	Red (nm)	Green (nm)	Blue (nm)
Spectral Information	620	520	465

Photometric Distribution

Dimensions

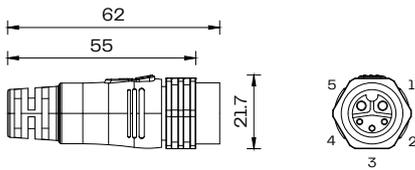
DiGi Module P20 Multi Color¹



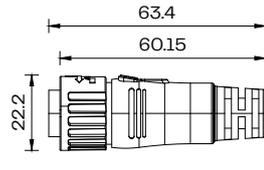
¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Connection

M19 Female Connector



M19 Male Connector¹



Connector Pin

Pin	Color	Function
Pin 1	Red	24 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

¹ M19 DMX Terminator End Cap is available to order.

Product References

DiGi Module P20

Reference	Description
	DiGi Module P20 RGBW2700K
	DiGi Module P20 RGBW3000K
	DiGi Module P20 RGBW4000K
	DiGi Module P20 RGBW5000K
	DiGi Module P20 RGBW6500K