

DiGi Module E6

Meet the epitome of versatility with our 24V DiGi LED Module, available in standard RGB and RGBW2700K options. Illuminate your space with vibrant colors or create warm and inviting atmospheres – the choice is yours! Powered by 6 CREE SMD3535 LEDs per module, our DiGi Modules ensure precision and clarity in every beam of light. For added warmth in your palette, the RGBW option includes 2 Osram SMD2835 LEDs, providing a perfect balance of color and luminosity.

Key specifications

Voltage (V)	24V DC
Power Consumption (RGB)	1.44W 1.8W
Luminous Flux	32Lm 50Lm
Color Range	RGB RGBW2700K
Number of channels	3ch 4ch
Node pitch (mm)	Minimum 80mm
Control	SPI
Node length	Customizable



CE

RoHS

IP67

IK07

Ordering information

Color Temp.	Housing color	Node pitch in CM	Node chain Length in CM	Qty
☐ RGB	☐ Black			
☐ RGBW2700K	☐ Grey			

Related Items



Input cable, Bare wire to Female		
☐	☐	M16E 3pin Input cable 1m 3431515
☐	☐	M16E 3pin Input cable 1m 3431525
☐	☐	M16E 3pin Input cable 1m 3431535



Extension cable, Male to Female		
☐	☐	M16E Extension cable 1m 3431615
☐	☐	M16E Extension cable 2m 3431625
☐	☐	M16E Extension cable 3m 3431635



Power cable		
☐	☐	M16E Data Link cable 0.25m 3431705



Power cable		
☐	☐	M16E 3Pin Power cable Double feed 1.5m 3430816



End cap		
☐	☐	M16E 3Pin End cap 3430016



DiGidot C4 Live		
☐	☐	DiGidot C4 Live 4 20101
☐	☐	DiGidot C4 Live 8 20102
☐	☐	DiGidot C4 Live 12 20103
☐	☐	DiGidot C4 Live 16 20104



DiGidot C4 Extended		
☐	☐	DiGidot C4 Extended 1 20201
☐	☐	DiGidot C4 Extended 2 20202
☐	☐	DiGidot C4 Extended 4 20203
☐	☐	DiGidot C4 Extended 8 20204



DiGidot PxLNode		
☐	☐	DiGidot PxLNode U96 20820



DiGidot PxLNet Transceiver kit		
☐	☐	DiGidot PxLNet Transceiver kit RJ45-Bus 20341
☐	☐	DiGidot PxLNet Transceiver kit Screw 203402
☐	☐	DiGidot PxLNet Transceiver kit Solder 203403



Meanwell Power supply		
☐	☐	XLG-75-24 8343100
☐	☐	XLG-100-24 8343300
☐	☐	HLG-150-24 8440700
☐	☐	HLG-240-24 8441600
☐	☐	HLG-320-24 8442500



Mounting		
☐	☐	Mounting clip

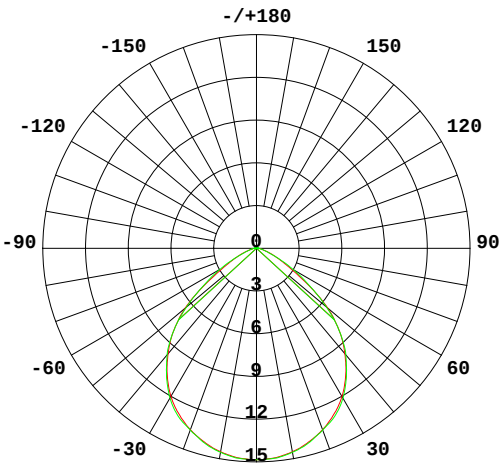
General specifications

Operating Voltage	24V DC		
Color range	RGB		RGBW2700K
CRI	≥80		
Power Consumption p/node	1.44W		1.8W
Channels p/node	3ch		4ch
Luminous Flux p/m	32Lm		50Lm
Max Run Single power feed	40 nodes by 200mm pitch		
Max Run Length for data	1020n		768n
Pixel Pitch	Customizable		
LB Value	L70B10 50.000H		
Storage Temperature	-40° C to 60° C		
Operating Temperature	-25° C to 55° C		
Connector type	M16E 3 Pin Connector		
Ingress Protection	IP67		
Impact protection	IK07		
Mounting Options	Mounting clip		
Certifications	CE, RoHS		
Available Housing Colors	Black, Grey		
Weight p/m	40gr		
Warranty	3 Years		

Model	Red	Green	Blue	3000K
RGB	8Lm	20Lm	4Lm	
RGBW2700K	8Lm	20Lm	4Lm	18Lm

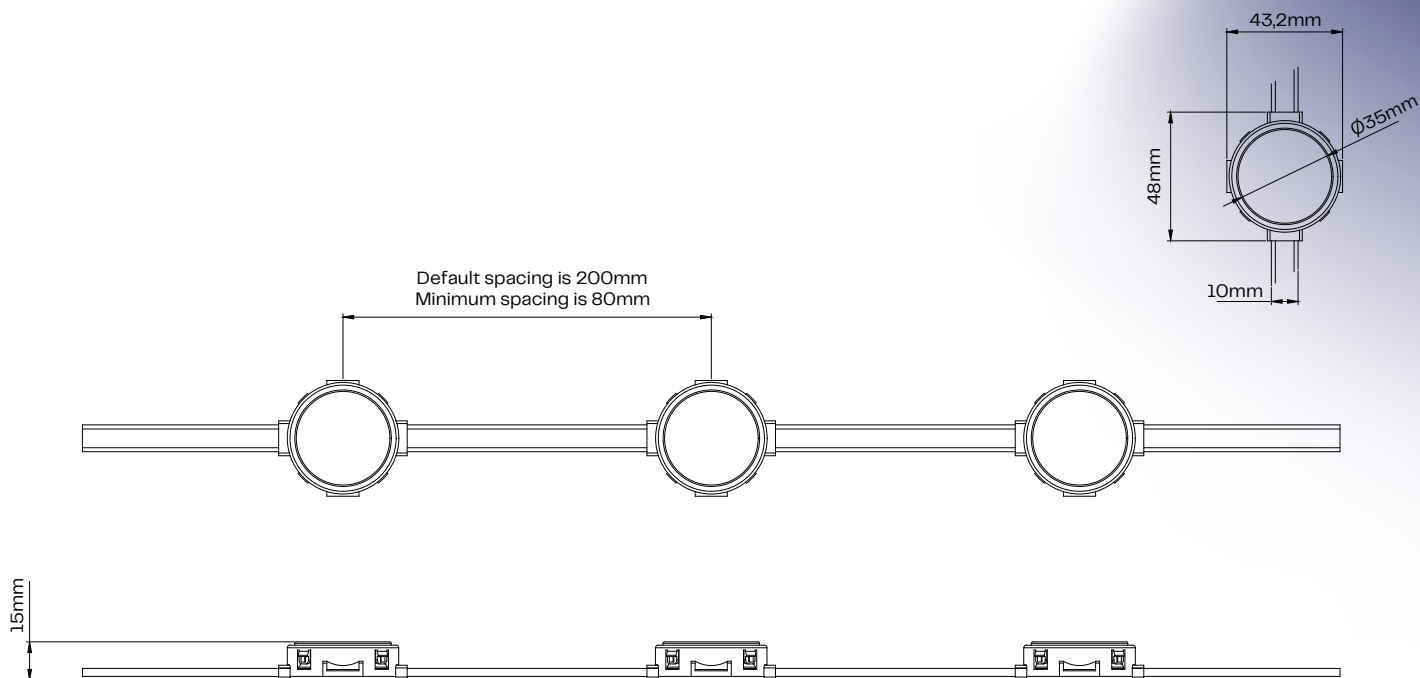
Model	Red	Green	Blue
RGB	620NM	520NM	465NM
RGBW2700K	620NM	520NM	465NM

Light distribution

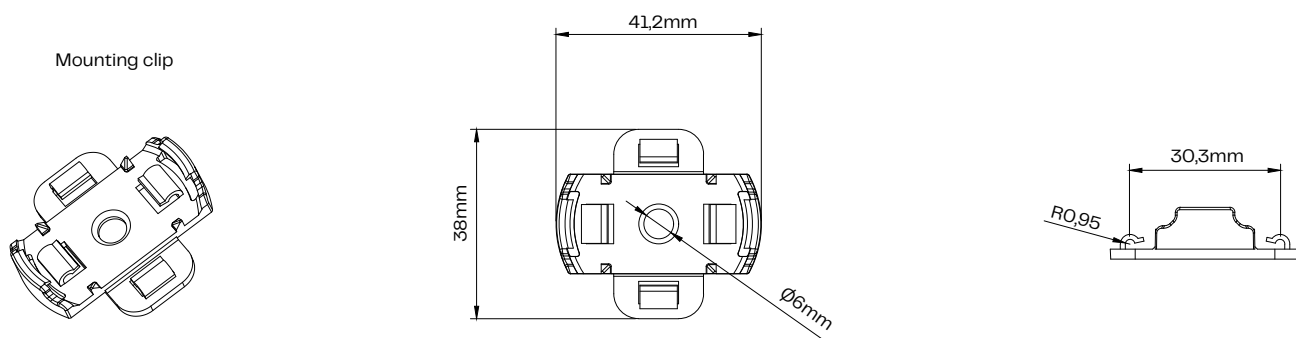


Average Beam angle: 94.9 Deg

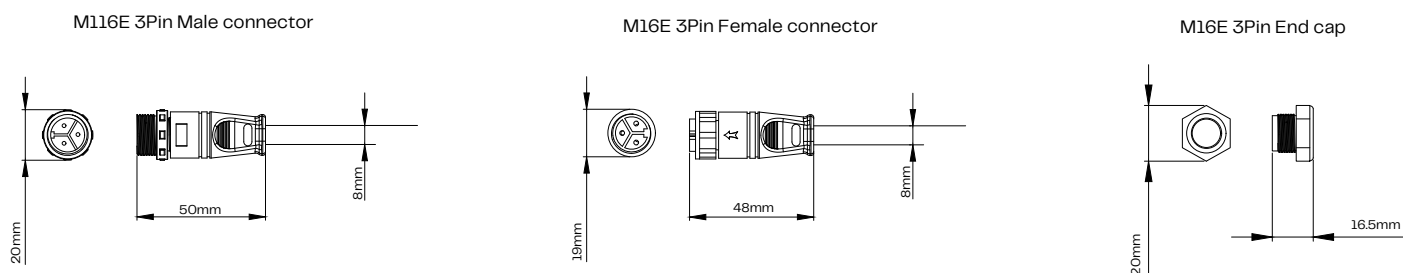
Dimensions



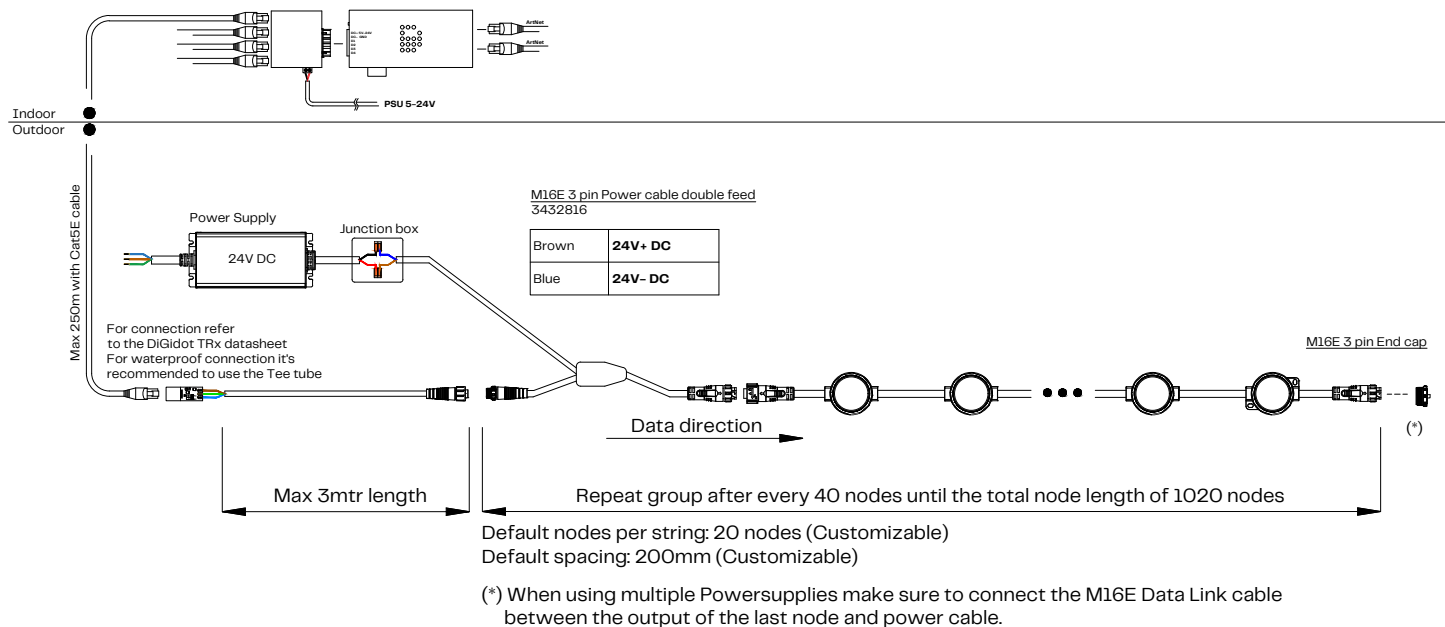
Accessories



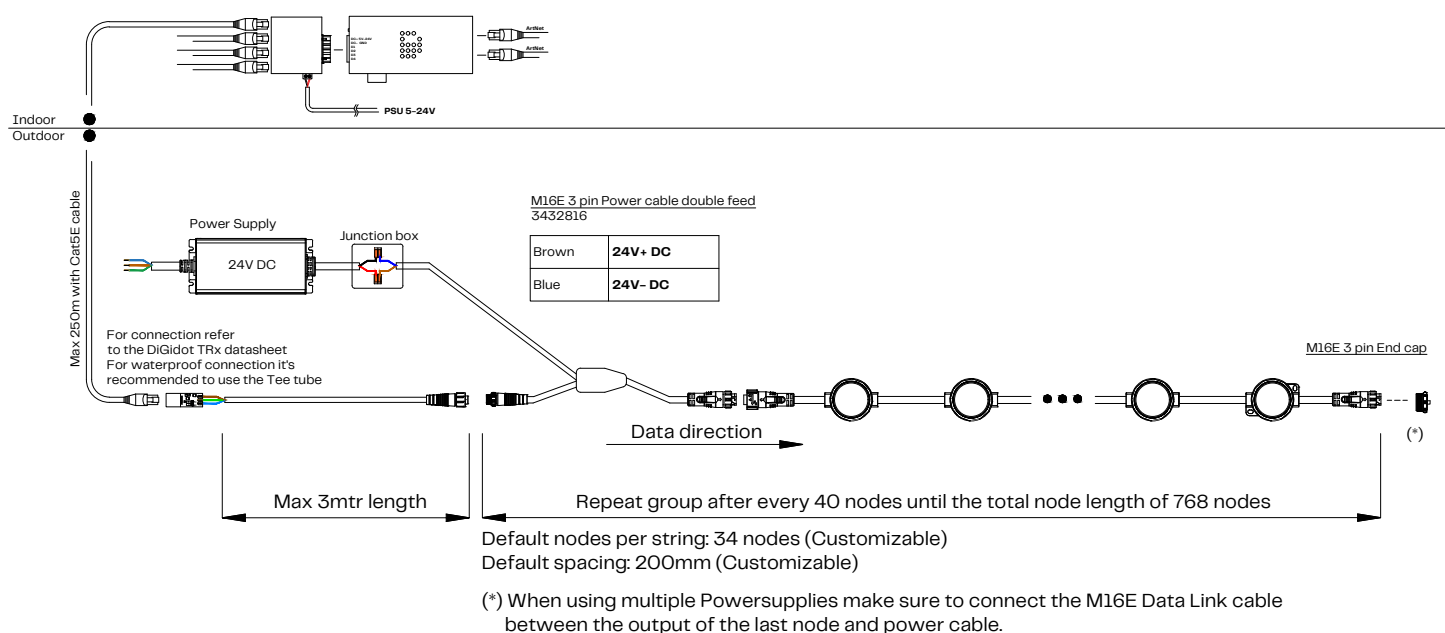
Dimensions M16E 3Pin connectors & End cap



System diagram DiGi Module E6 RGB



System diagram DiGi Module E6 RGBW



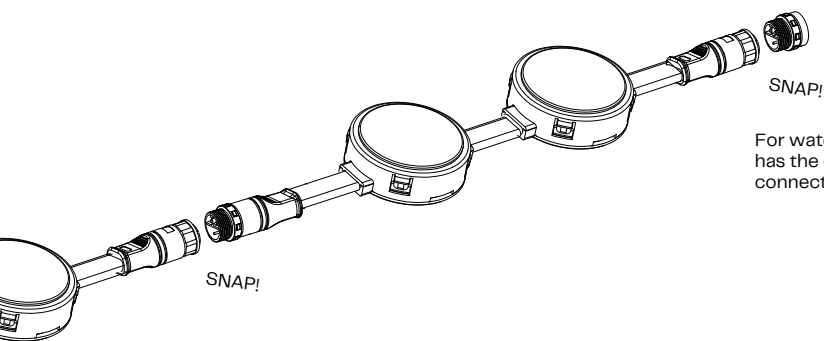
Installation guide

Important note:

- Make sure power is disconnected during installation or maintenance.
- Keep cables and the DiGi Module protected from sharp objects to prevent damage
- The DiGi Module is a made-to-order product with the finish of the product specifically moulded to provide optimal weatherproof performance.
- Female or male connector with cable and bare wire cables can be ordered separately in various lengths.
- It is recommended to ensure the feeder cable is long enough to reach the cable entry point of flex where connection can be made.
- Do not cut the cables and the waterproof connectors. DIY cutting of this product will void the warranty.

Tips:

- Before powering the system, check if all polarities are aligned.
- It's recommended to install longer lengths with two persons.



SNAP!

For waterproof connection make sure that the last fixture has the endcap connector fixed to the last output connector



Make sure there is
no tension on the cable

