

DiGi Module XT6

Highlight the architectural beauty of buildings and structures with ease using our DiGi LED module. Its versatile design and customizable features make it ideal for facade lighting applications, allowing you to create captivating visual displays that enhance any environment. Ensure hassle-free upkeep with our module's convenient design. The module can be easily unscrewed for maintenance, allowing for quick access and straightforward replacement whenever necessary, saving you time and effort.

Key specifications

Voltage (V)	24V DC
Power Consumption (RGB)	1.5W 2W
Luminous Flux	45Lm 64Lm
Color Range	RGB RGBW2700K
Number of channels	3ch 4ch
Node pitch (mm)	Minimum 80mm
Control	SPI
Node length	Customizable



Ordering information

Color Temp.	Housing color	Cover	Node pitch in CM	Node string Length in CM	Qty
☐ RGB	☐ Black	☐ Flat Transparant (Default)			
☐ RGBW2700K	☐ Grey	☐ Turbo			
		☐ Globe			



Related Items



Input cable, Bare wire to Female		
☐	☐	M20E 5pin Input cable 1m 3432515
☐	☐	M20E 5pin Input cable 2m 3432525
☐	☐	M20E 5pin Input cable 3m 3432535
Extension cable, Male to Female		
☐	☐	M20E 5pin Extension cable 1m 3432615
☐	☐	M20E 5pin Extension cable 1m 3432625
☐	☐	M20E 5pin Extension cable 1m 3432635
Power cable Single feed		
☐	☐	M20E 5Pin Power cable Single feed 1.5m 3430816
Power cable Double feed		
☐	☐	M20E 5Pin Power cable Double feed 1.5m 3432816
End cap		
☐	☐	M16E 3Pin End cap 3430020



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
☐	☐	Mounting channel



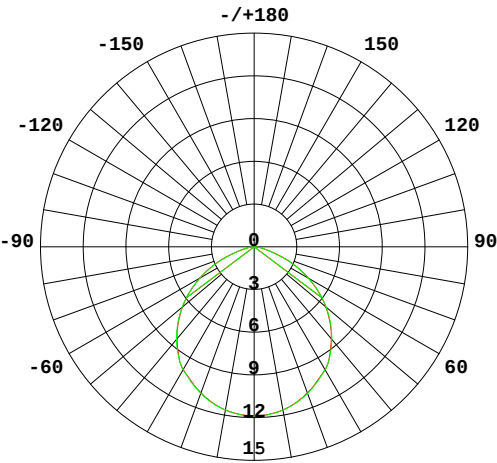
General specifications

Operating Voltage	24V DC		
Color range	RGB		RGBW2700K
CRI	≥80		
Power Consumption p/node	1.5W		2W
Channels p/node	3ch		4ch
Luminous Flux p/m	45Lm		64Lm
Max Run Single power feed	102 nodes / 150mtr		
Max Run Length for data	680n		512n
Pixel Pitch	Customizable		
LB Value	L80B10 50.000H		
Storage Temperature	-40° C to 60° C		
Operating Temperature	-25° C to 55° C		
Connector type	M20E 5 Pin Connector		
Ingress Protection	IP67		
Impact protection	IK08		
Mounting Options	Screw, Tube clip		
Certifications	ETL, CE, RoHS		
Available Housing Colors	Black, Grey		
Weight p/m	80gr		
Warranty	3 Years		

Model	Red	Green	Blue	3000K
RGB	9Lm	30Lm	6Lm	
RGBW2700K	9Lm	30Lm	6Lm	19Lm

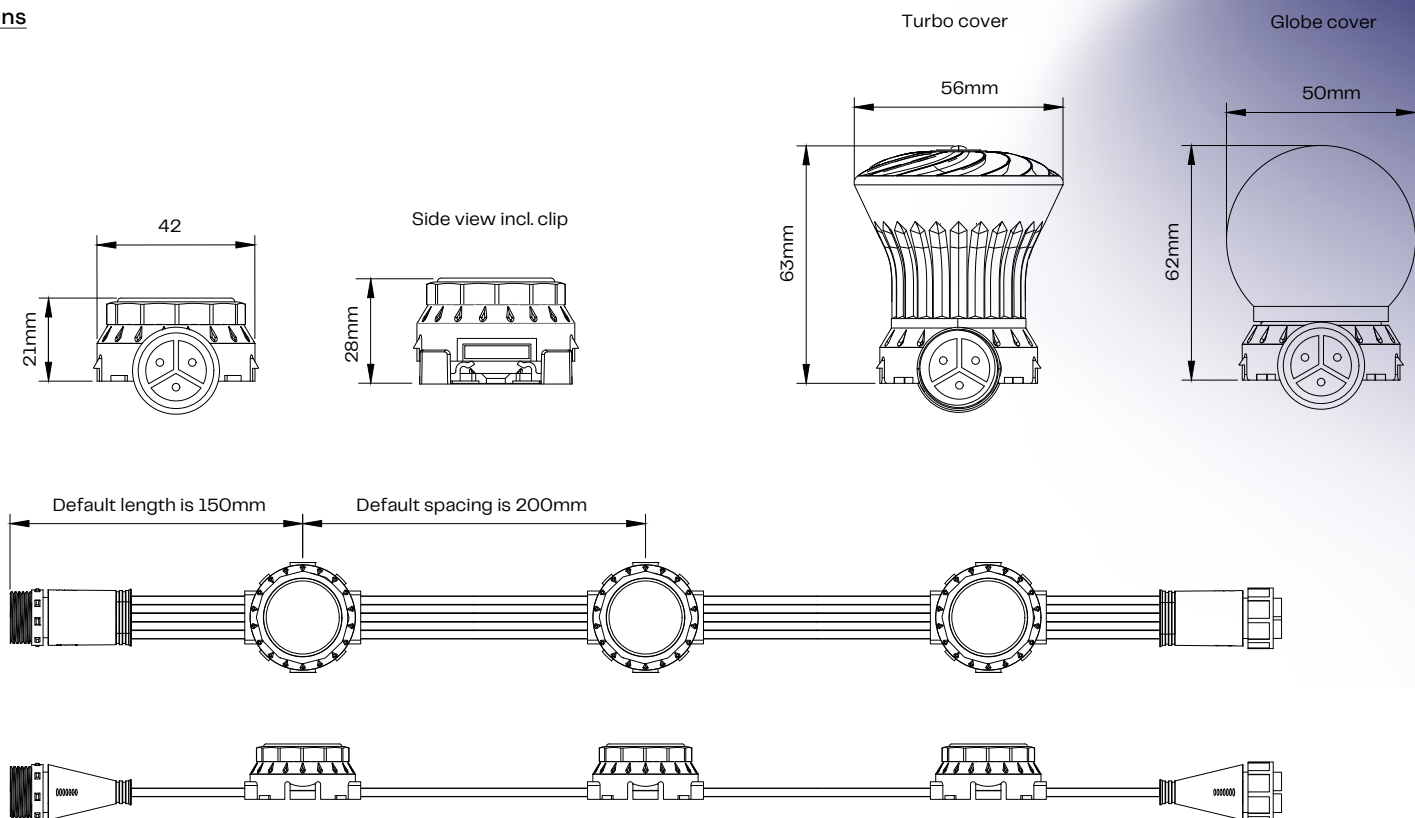
Model	Red	Green	Blue
RGB	620NM	520NM	465NM
RGBW2700K	620NM	520NM	465NM

Light distribution

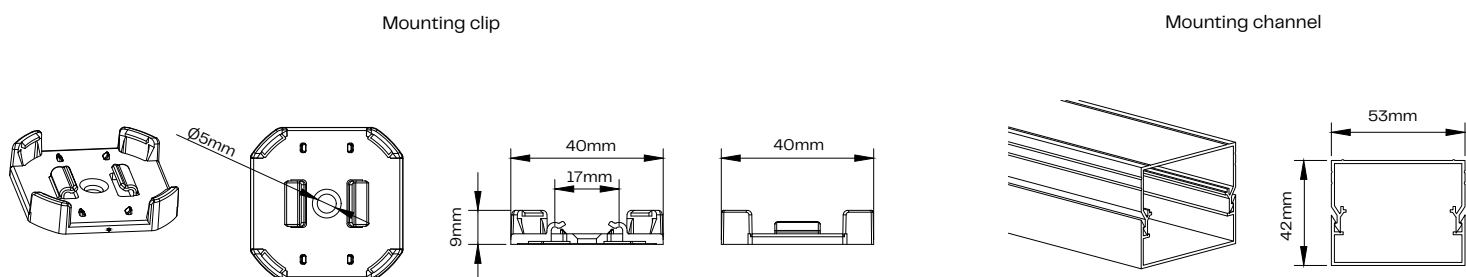


Average Beam angle: 106.2 Deg

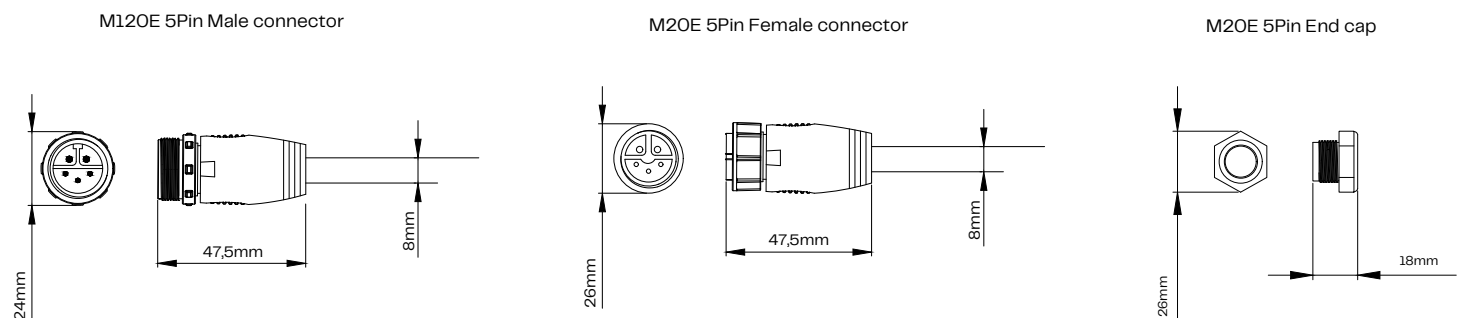
Dimensions



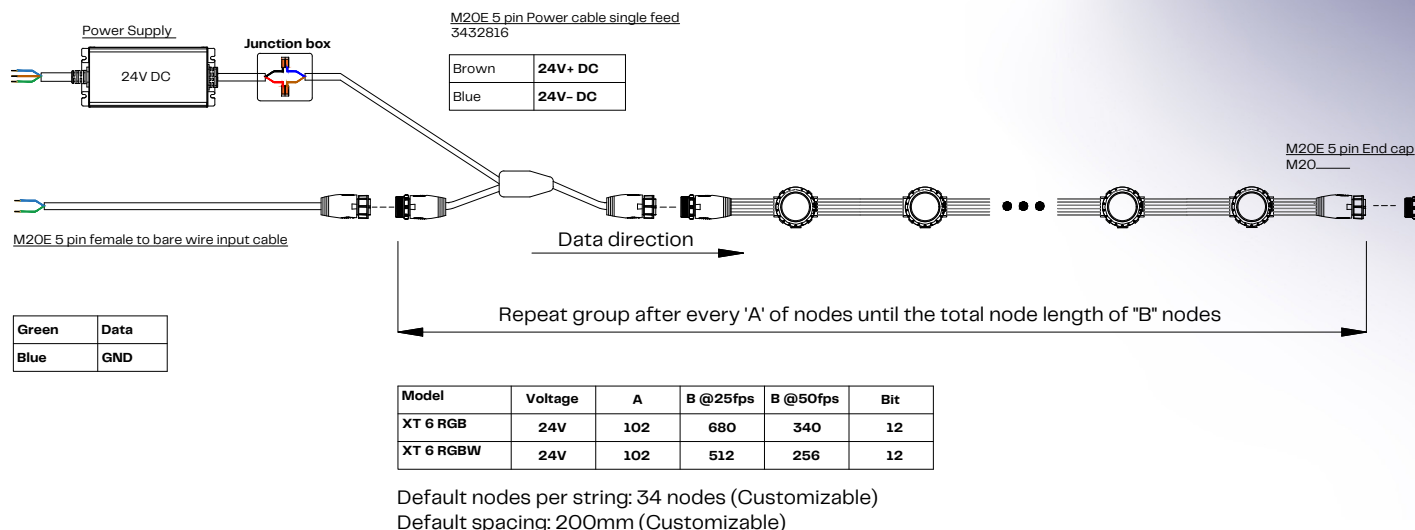
Accessories



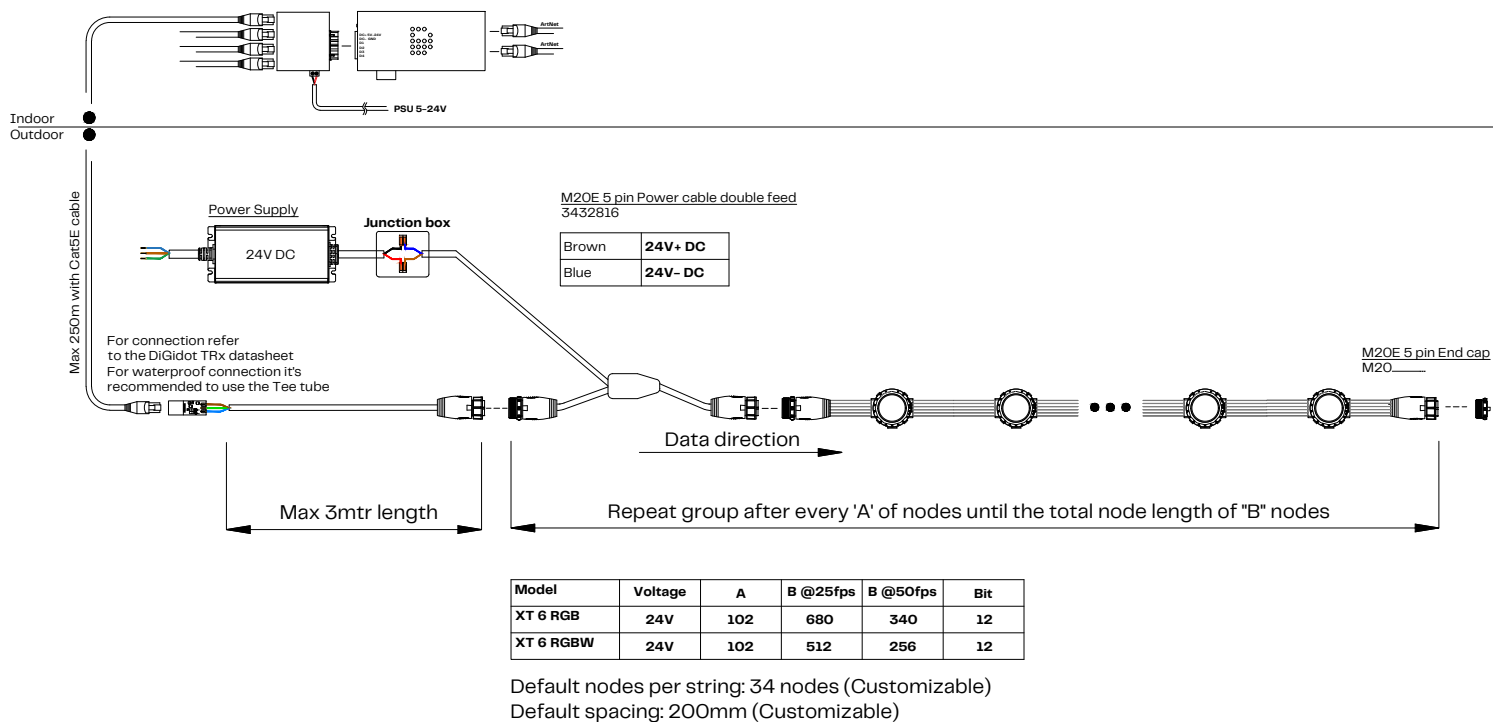
Dimensions M20E 5Pin connectors & End cap



System diagram basic



System diagram advanced



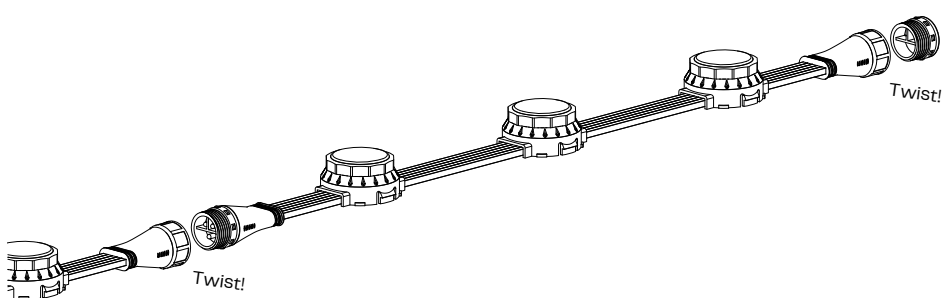
Installation guide

Important note:

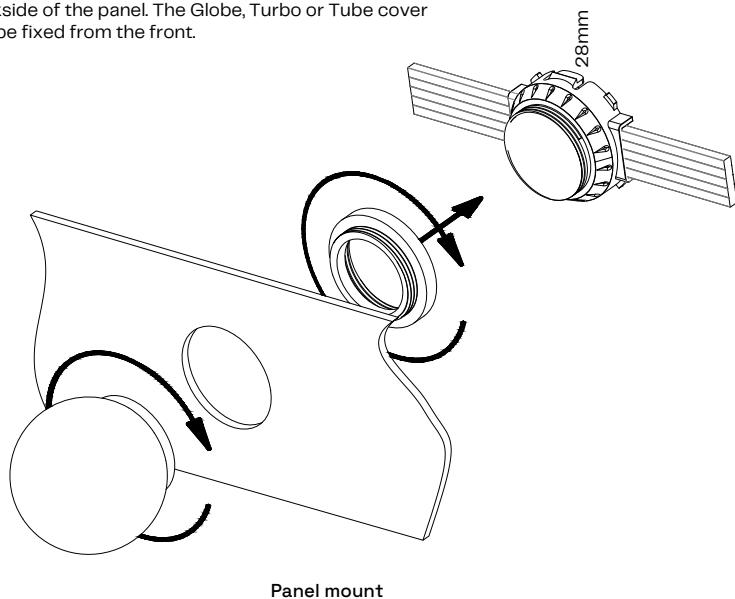
- Make sure power is disconnected during installation or maintenance.
- Keep cables and the DiGi Module protected from sharp objects to prevent damage
- Align polarity when connecting the DiGi Module.
- The DiGi Module is a made-to-order product with the finish of the product specifically moulded to 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:

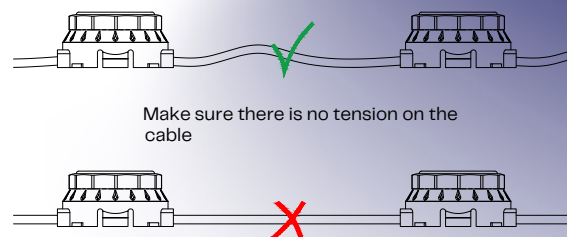
- Before powering the system, check if all polarities are aligned.
- It's recommended to install longer lengths with two persons.



When the XT modules will be mounted into panels make sure the Panel ring is fixed between the module and the backside of the panel. The Globe, Turbo or Tube cover can be fixed from the front.

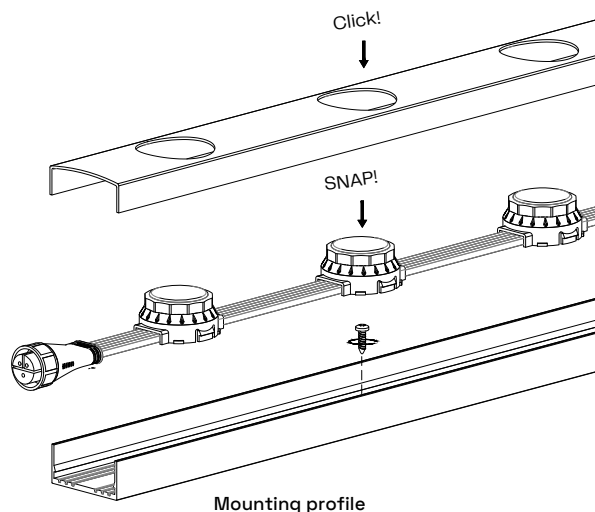


Panel mount

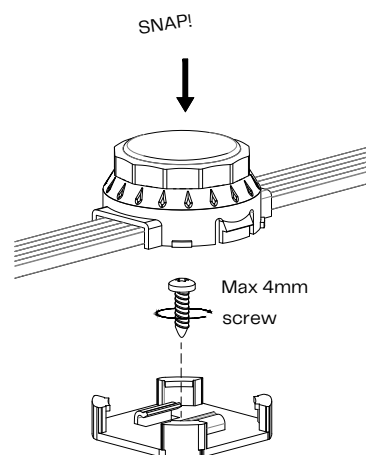


Make sure there is no tension on the cable

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



Mounting profile



Mounting clip