

DiGi Module B1

Despite its compact size, our LED module packs a punch with an impressive lumen output of 35lm per module. Experience high-quality lighting without compromising on energy efficiency. We understand that every project is unique. That's why we offer customizable specifications upon request, allowing you to fine-tune the module to meet your exact requirements.

Key specifications

Voltage (V)	24V DC
Power Consumption (RGB)	1W
Luminous Flux	35Lm
Color Range	RGBW3000K
Number of channels	4ch
Node pitch (mm)	Minimum 80mm
Control	SPI
Node length	Customizable



RoHS

IP44

IK06

Ordering information

Node pitch in CM	Node string Length in CM	Qty

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
Input cable, RJ45 to Female		
☐	☐	M12 4pin Input cable 15m 3430755
☐	☐	M12 4pin Input cable 30m 3430756
☐	☐	M12 4pin Input cable 50m 3430757
Extension cable, Male to Female		
☐	☐	M16E Extension cable 1m 3431615
☐	☐	M16E Extension cable 2m 3431625
☐	☐	M16E Extension cable 3m 3431635
Power & Data injector cable		
☐	☐	M16E Power & Data injector cable 1.5m 3430725
Power cable		
☐	☐	M16E 3Pin Power cable Single 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

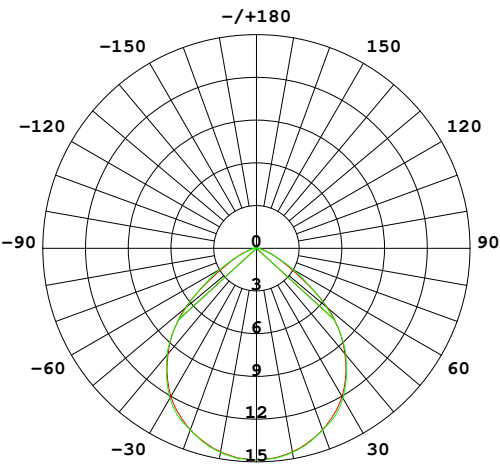
General specifications

Operating Voltage	24V DC
Color range	RGBW3000K
CRI	≥80
Power Consumption p/node	1W
Channels p/node	4ch
Luminous Flux p/m	35Lm
Max Run Single power feed	40 nodes by 200mm pitch
Max Run Length for data	768n
Pixel Pitch	Customizable
LB Value	L80B10 50.000H
Storage Temperature	-20° C to 50° C
Operating Temperature	-10° C to 45° C
Connector type	M16E 3 Pin Connector
Ingress Protection	IP44
Impact protection	IK06
Mounting Options	Tape, mounting clip
Certifications	CE, RoHS
Housing Material	PC
Available Housing Colors	White
Weight p/m	35gr
Warranty	3 Years

Model	Red	Green	Blue	3000K
RGBW2700K	6Lm	14Lm	4Lm	11Lm

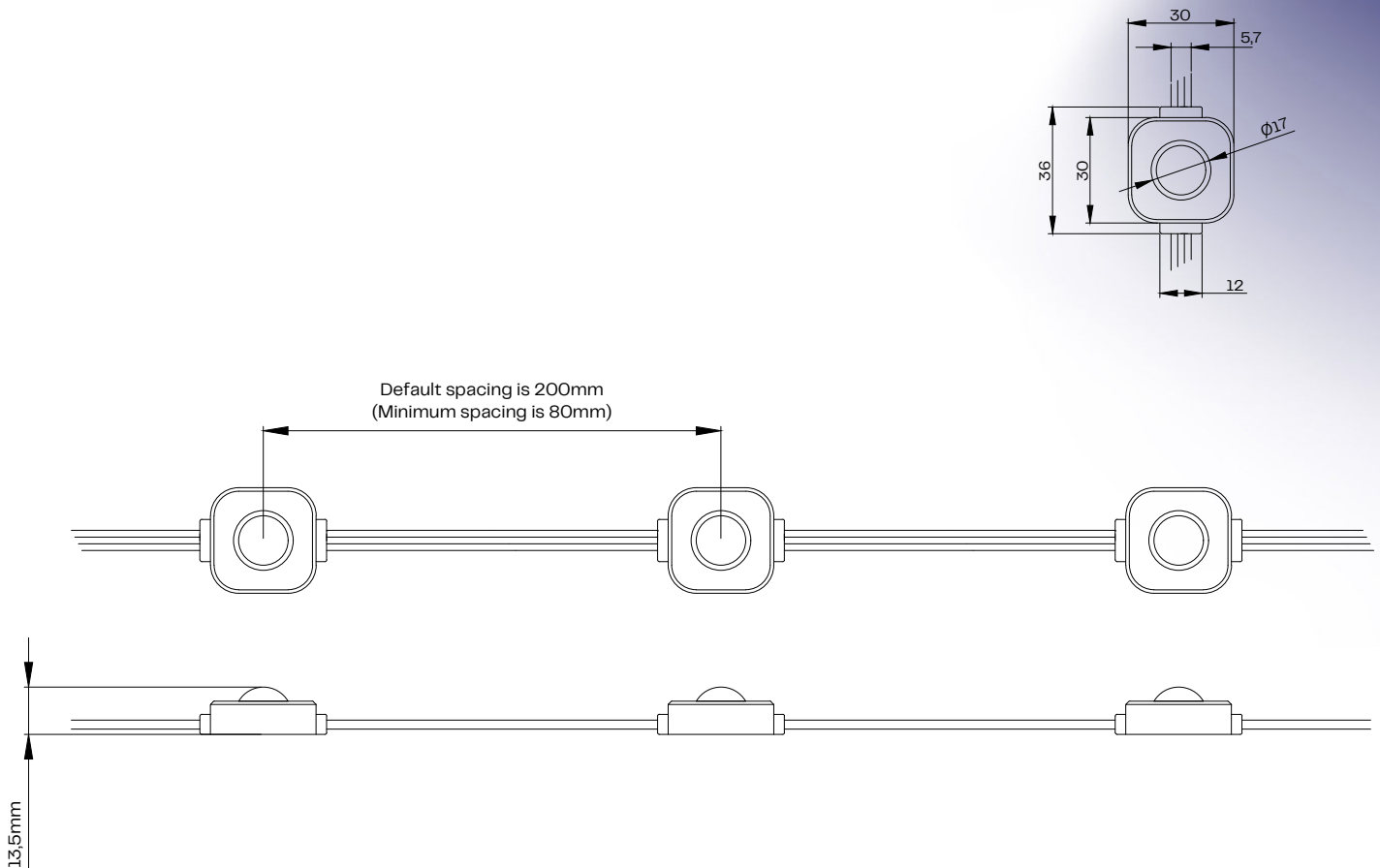
Model	Red	Green	Blue
RGBW2700K	620NM	520NM	465NM

Light distribution

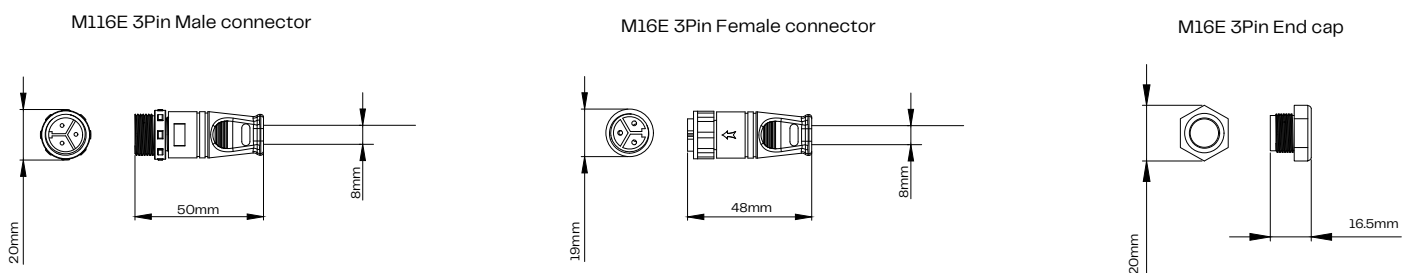


Average Beam angle: 94.9 Deg

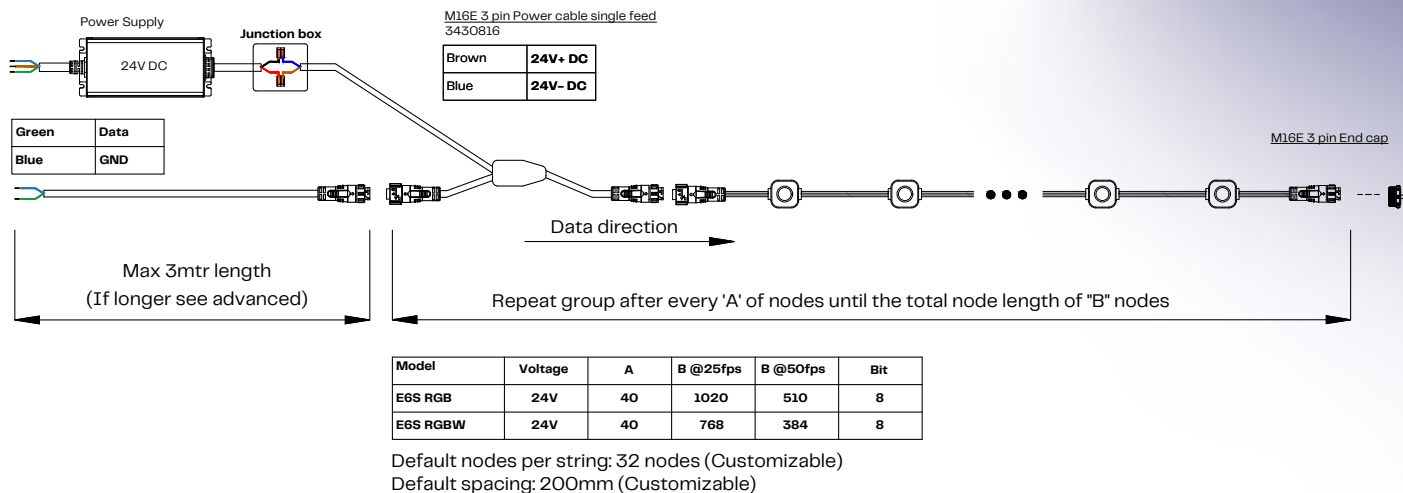
Dimensions



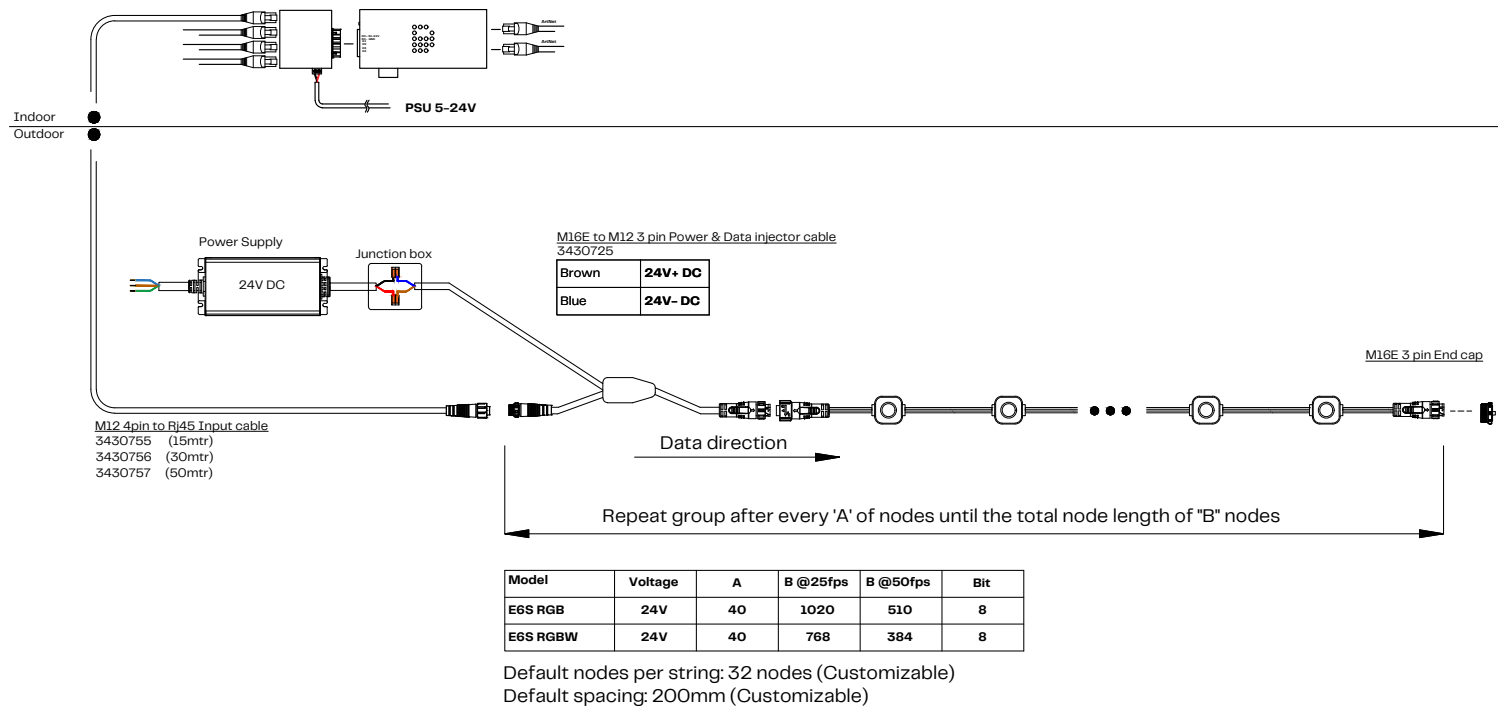
Dimensions M16E 3Pin connectors & End cap



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
- 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.

