

Beam F36



General

Width (mm)	203
Height (mm)	230
Diameter (mm)	180
Cover	Tempered Glass
Housing Color	Grey
Housing Material	Aluminum - ACD12
Mounting	Surface mounted
Connector	M16 - 5 pin

Electronics

Power Consumption (W)	36
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Lighting

Emission	Direct
LED Quantity	24
LEDs per Spot	18
Colour Rendering Index (CRI)	80
Luminous Flux	1850lm (RGBW3000K)

Control

Control	DMX
Control Units	Single pixel

Environmental

Storage Temperature	-40 ~ +70 °C
Operating Temperature	-30 ~ +55 °C
Impact Protection	IK07
Ingress Protection	IP67



IP67 3 year warranty

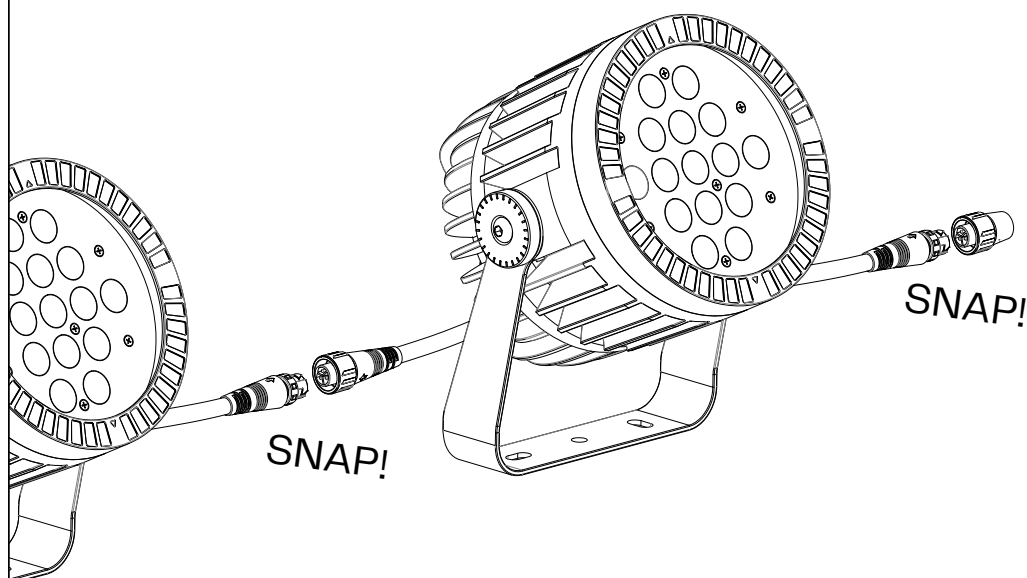
Disclaimer

Due to the technical evolution and improvement of our products, the data provided in this document may be updated on a regular basis, and as such, confirmation of this information is strongly recommended prior to the order process. OneEightyOne is not responsible for any discrepancies in this document following changes in our products. We reserve the right to make technical changes to our products and to change information, at its sole discretion, without notice.



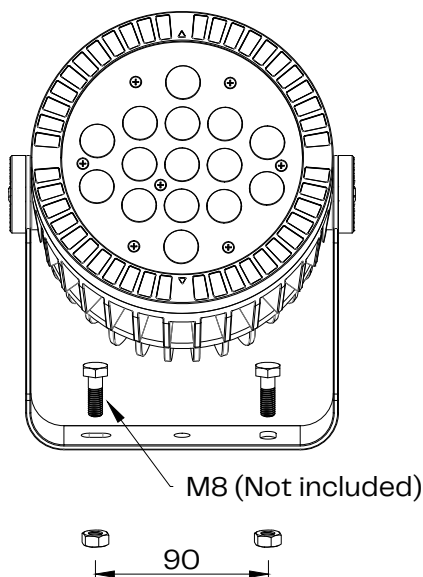
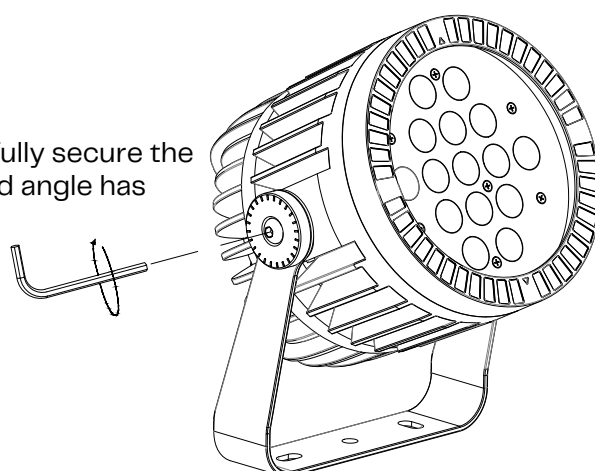
Important:

- Make sure power is disconnected during installation or maintenance
- Do not attempt installation in wet or severe weather conditions
- Keep cables protected from sharp objects to prevent damage
- Make sure unconnected fixtures are not exposed to raining/ snowing environment



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

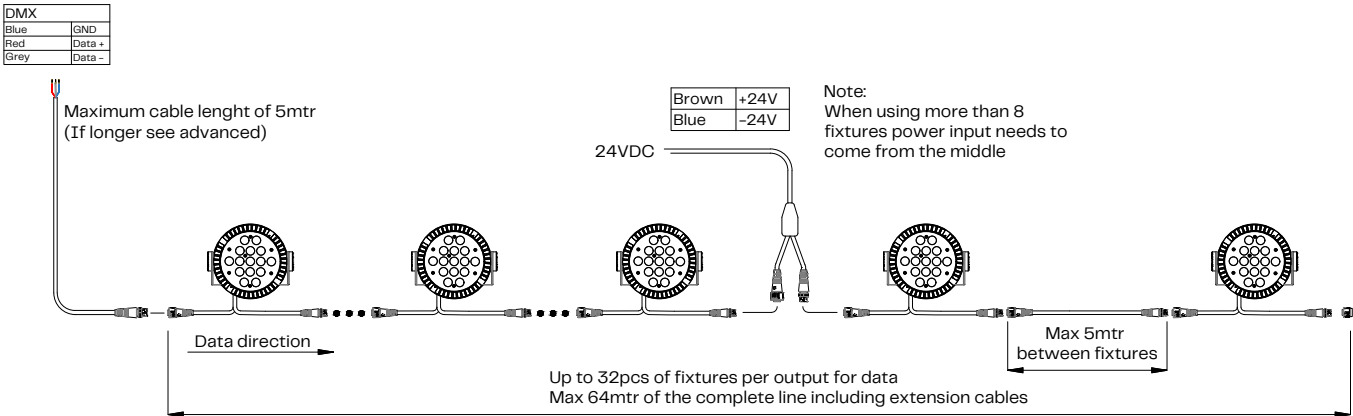
Use a 5mm Hex key to fully secure the fixture when the desired angle has been set.



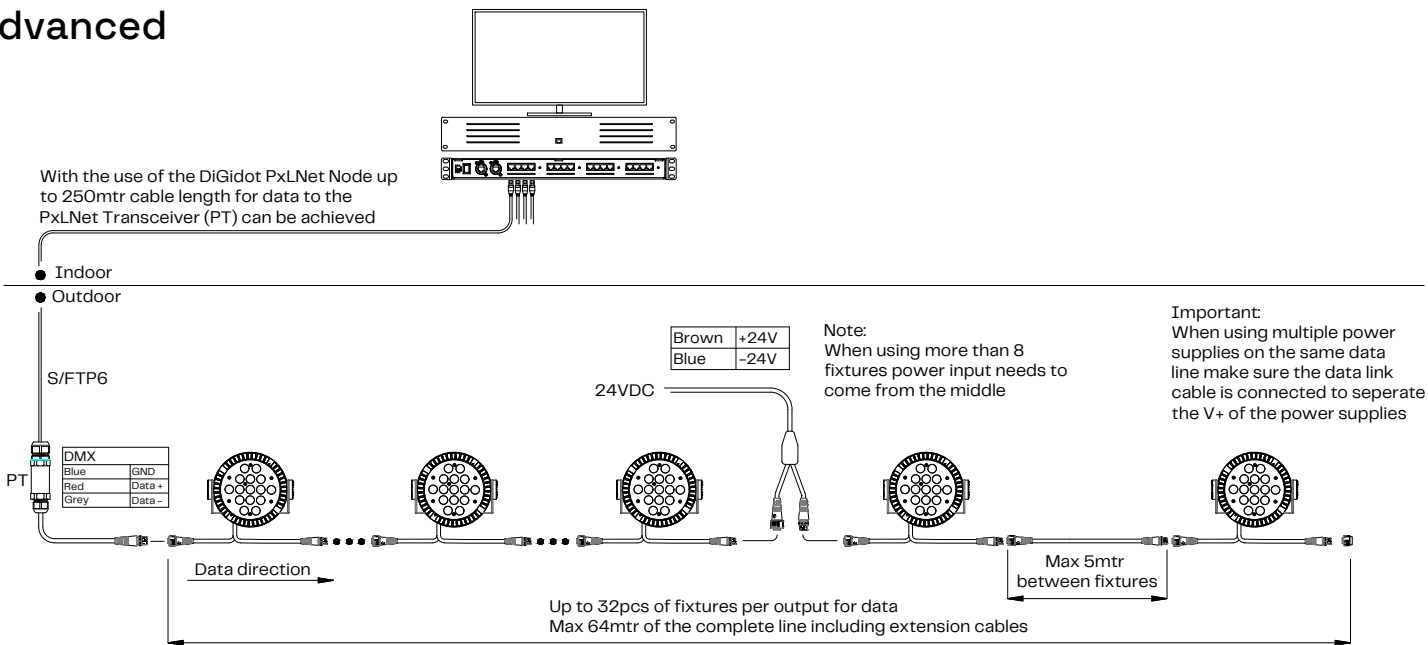
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Basic

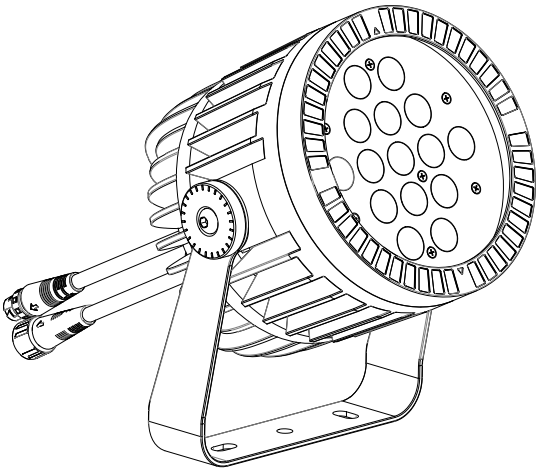


Advanced

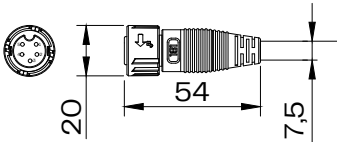


Disclaimer

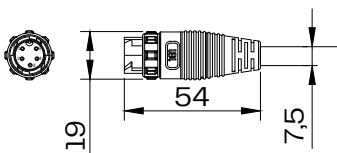
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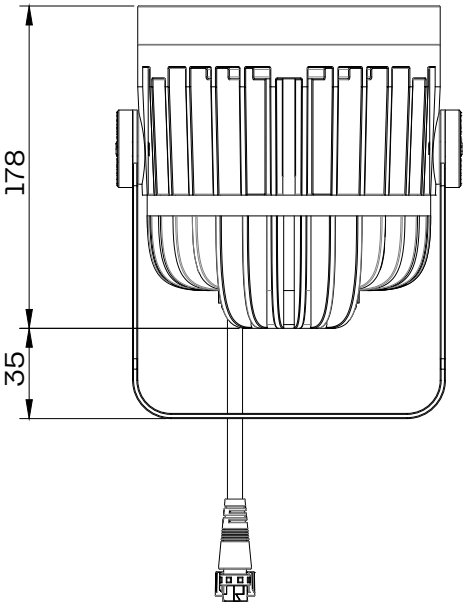
M16 Male 5Pin
Input connector



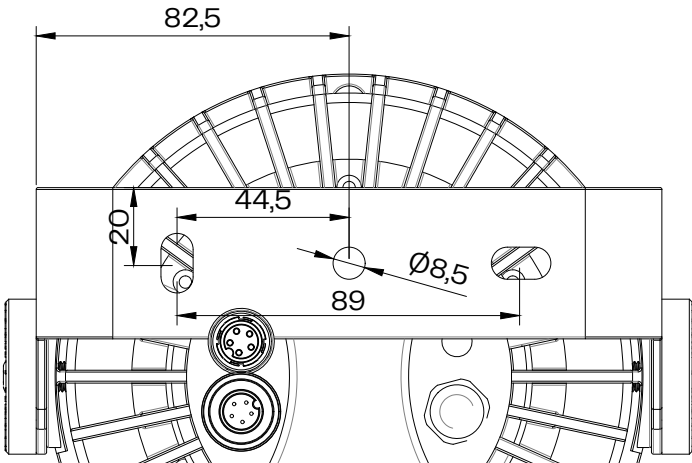
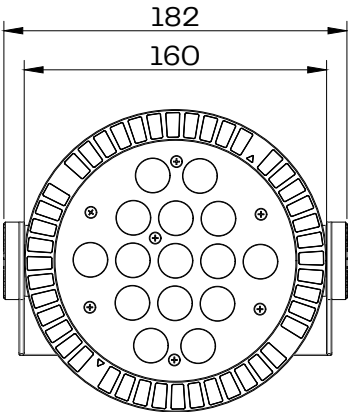
M16 Female 5Pin
Output connector



Connector
SCALE 1:3



Fixture
SCALE 1:4



Mounting bracket
SCALE 1:2

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Beam F36

Tailor your lighting to perfection! Choose from a variety of optics options to achieve the perfect light distribution for your space. Whether you're highlighting architectural features or creating dynamic lighting effects, our fixture has you covered. Supplied on low voltage (24V) and utilizing an external driver, our fixture simplifies installation with just one cable (power supply + data, 5 poles). Enjoy seamless integration and hassle-free operation.

Key specifications

Voltage (V)	24V DC	
Power Consumption (w/m)	36W	
Luminous Flux (lm/m)	3216Lm (3000K 15°)	
Color Range	RGBW Single Color	
CRI	≥80	
Number of pixels (m)	1	
Channels (m)	4Ch	3Ch
Control	DMX	



CE

RoHS

IP67

IK07

Ordering information

Color Temp.	Beam Angle	Voltage	Accessories	Qty
☐ RGBW3000K	☐ 10.	☐ 24VDC	☐ Honeycomb	
☐ RGBW4000K	☐ 15°		☐ Glare shield	
☐ 3000K	☐ 25°		☐ Honeycomb and Glare shield	
☐ 4000K	☐ 45°			
	☐ 60°			

Related items



Input cable 5Pin, Bare wire to Female

☐	☐	M16 5pin Input cable 1m	3430515
☐	☐	M16 5pin Input cable 2m	3430525
☐	☐	M16 5pin Input cable 3m	3430535

Extension cable 5pin, Male to Female

☐	☐	M16 5Pin Extension cable 1m	3430615
☐	☐	M16 5Pin Extension cable 2m	3430625
☐	☐	M16 5Pin Extension cable 3m	3430635

Power cable

☐	☐	M16 5Pin Power cable Single feed 1.5m	3430414
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End cap

☐	☐	M16 5Pin End cap	3430017
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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
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DiGidot PxLNet Transceiver kit

☐	☐	DiGidot PxLNet Transmitter	20342
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Meanwell Power supply

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

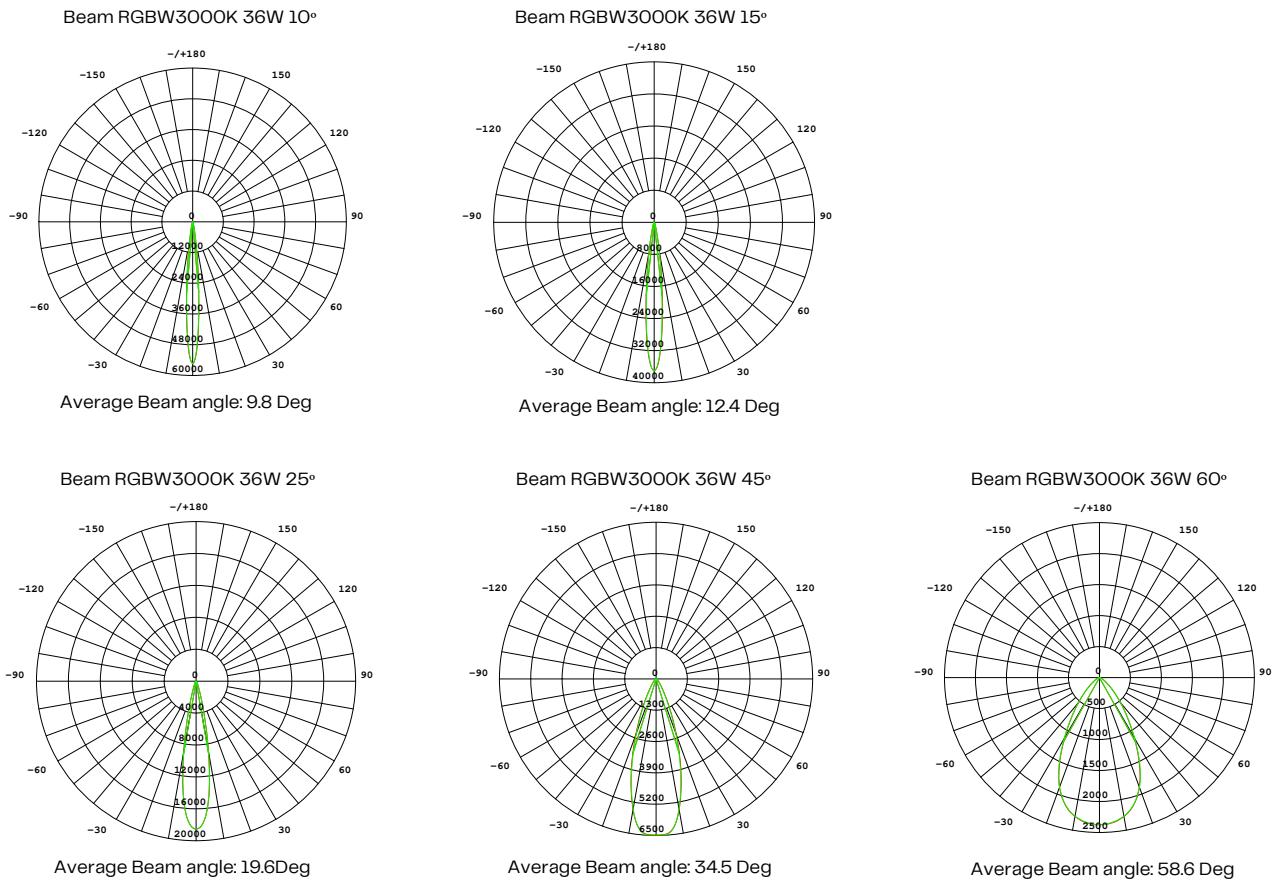
General specifications

Operating Voltage	24V DC
Available Colors	RGBW Single Color
Power Consumption	36 W
Channels per Fixture	4Ch 3Ch
LEDs per Fixture	24 LEDs per fixture
Available Beam Angles	10° 15° 25° 45° 60°
Luminous Flux	3216Lm (3000K 15°)
LB Value	L80B10 50.000H
Max Run Length for power	8pcs
Max Run Length for data	128pcs 170pcs
Storage Temperature	-40° C to 70° C
Operating Temperature	-30° C to 60° C
Connector	M16 5 Pin Connector
Protection Rating	IP67
Color Rendering Index	≥80
Mounting Options	Surface mounted
Certifications	CE, RoHS
Available Housing Colors	Grey
Housing material	ACD12 / Tempered glass
Package Dimensions (L x W x H)	35 x 40 x 45 cm
Weight	.3.2Kg
Warranty	3 Years
UV Protected	Yes

RGBW3000K	Red	Green	Blue	3000K
10°	452Lm	597Lm	184Lm	812Lm
15°	434Lm	603Lm	180Lm	780Lm
25°	425Lm	584Lm	175Lm	777Lm
45°	402Lm	550Lm	164Lm	725Lm
60°	350Lm	486Lm	148Lm	702Lm

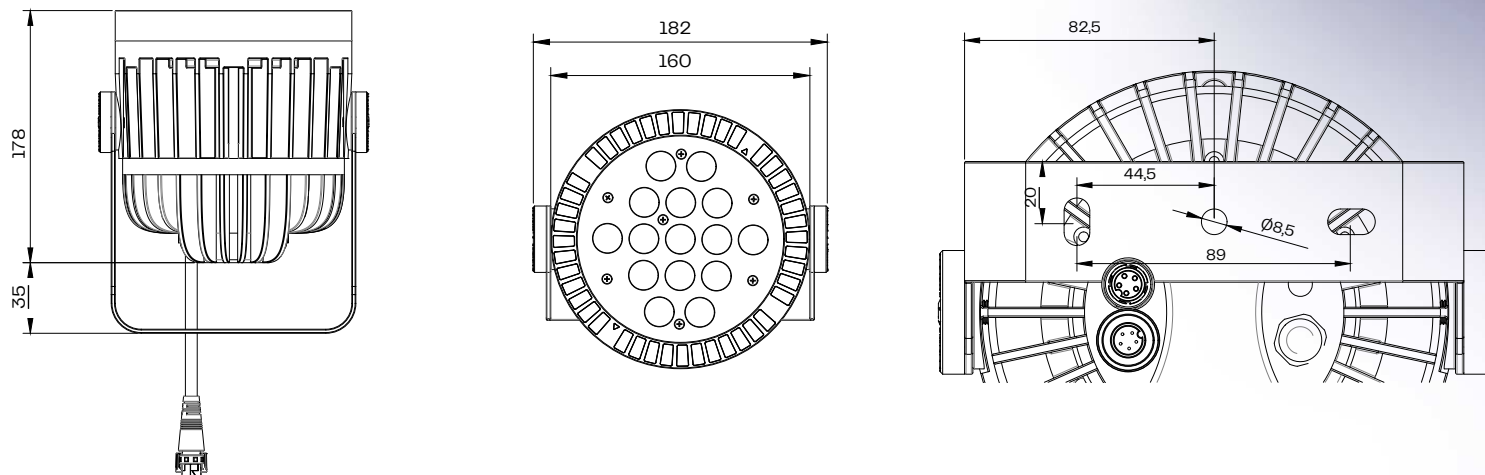
3000K	White
10°	3182Lm
15°	3216Lm
25°	3140Lm
45°	2988Lm
60°	3010Lm

Light distribution



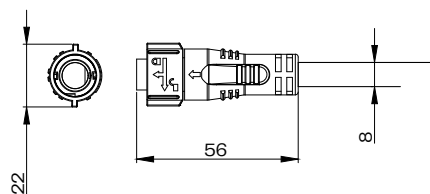
Dimensions Beam F36

Dimensions in mm

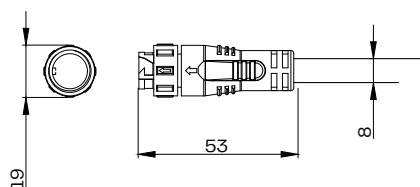


Dimensions M16 5Pin connectors & End cap

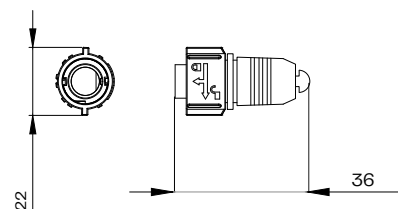
M16 5Pin Male connector



M16 5Pin Female connector

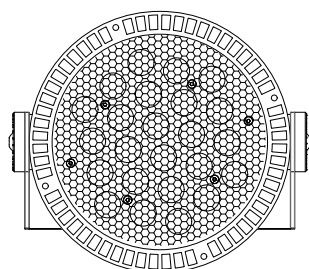


M16 5Pin End cap

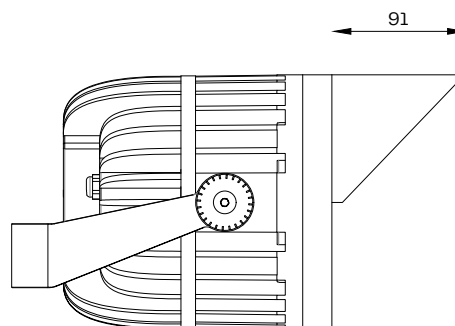


Accessories

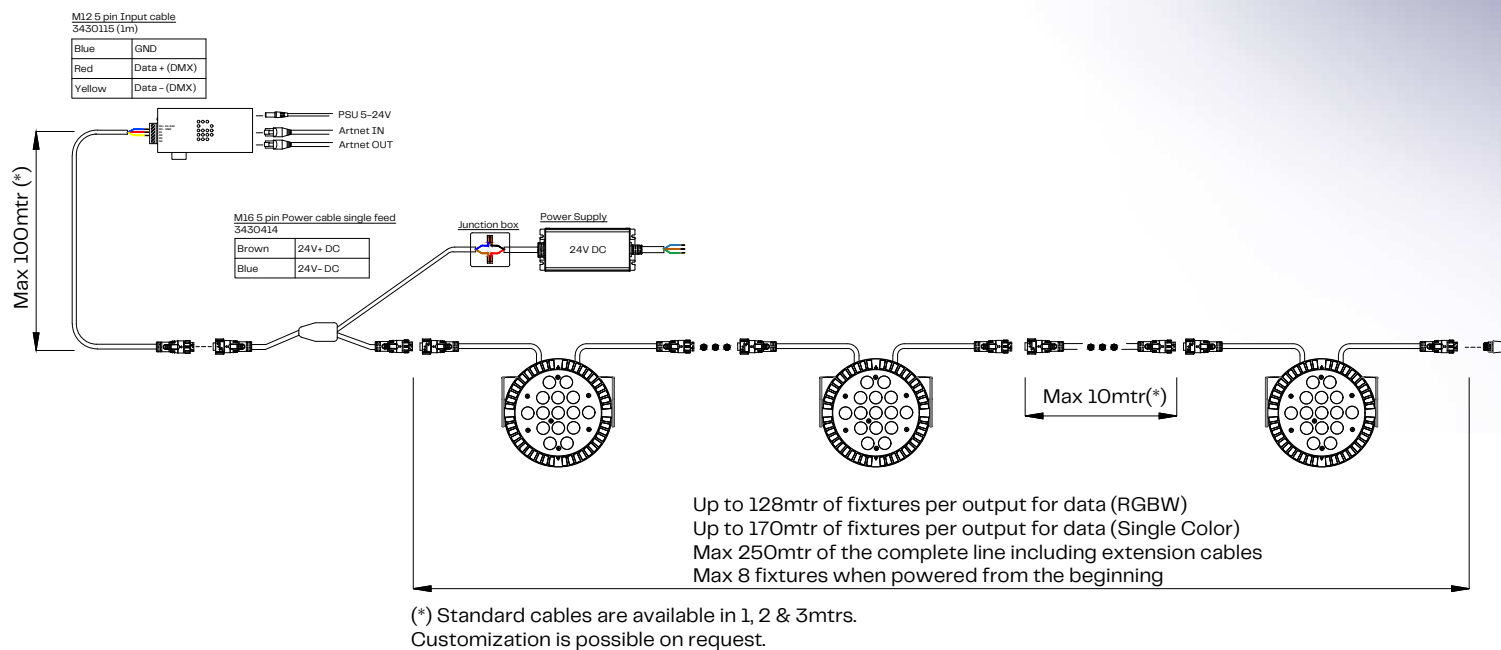
Honeycomb



Glare shield

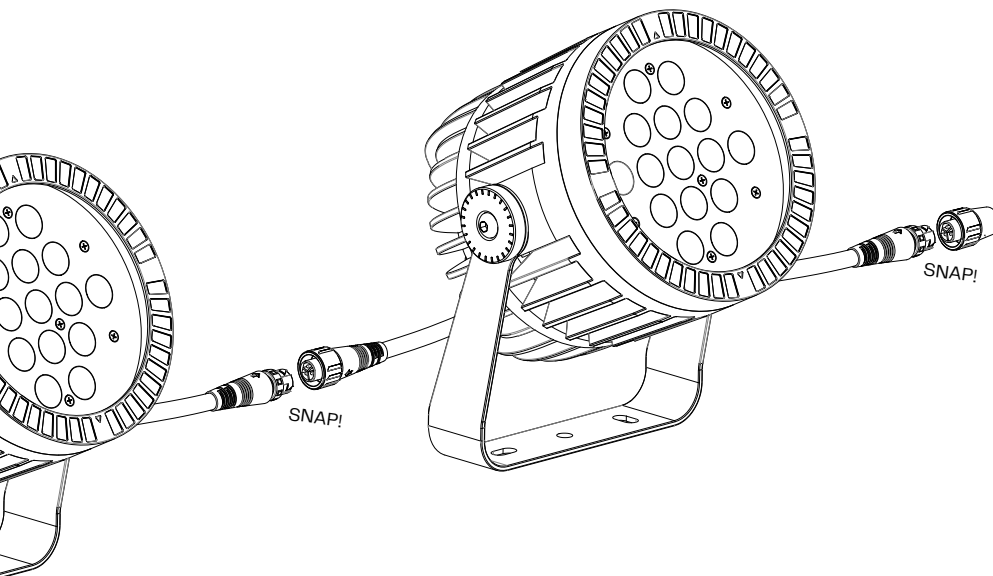


System Diagram Beam F36

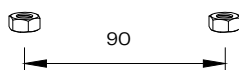
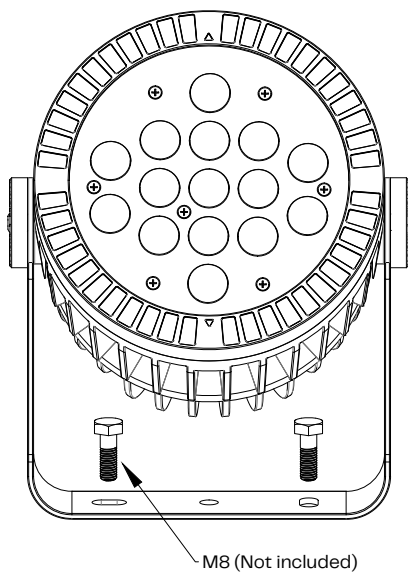


Installation guide

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