

Beam F12

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	24V DC		
Power Consumption	12W		
Luminous Flux	1104Lm (3000K 15°)		
Color Range	RGBW Single Color		
CRI	≥80		
Number of pixels	1		
Channels	4		3
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 Transmitter

☐	☐	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

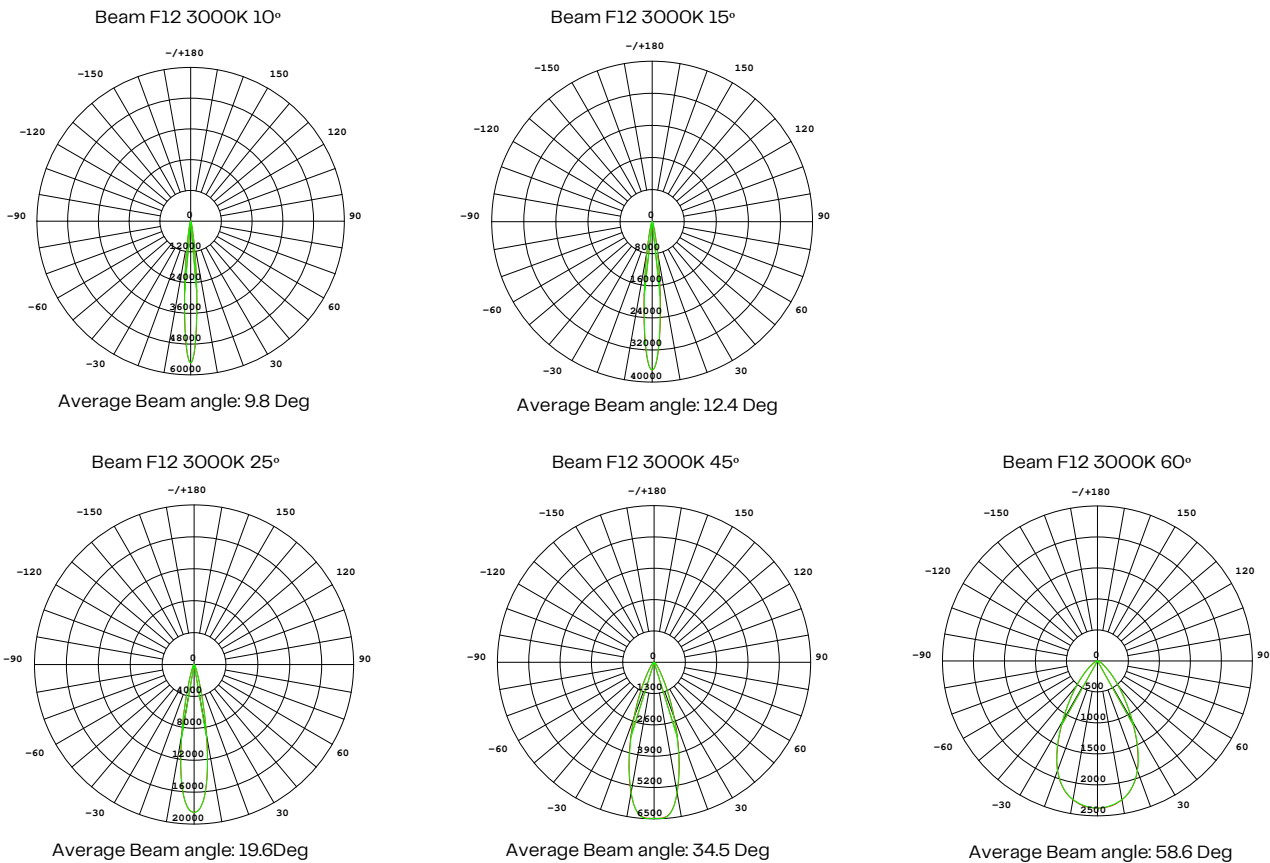
General specifications

Operating Voltage	24V DC
Available Colors	RGBW Single Color
Power Consumption (w)	12
Channels per Fixture	4 3
LEDs per Fixture	6
LED Type RGBW	Osram 4in1
LED Type Single Color	Osram
Available Beam Angles	10° 15° 25° 45° 60°
Luminous Flux	1104Lm (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, Custom
Housing material	ACD12 / Tempered glass
Package Dimensions (L x W x H)	12.5 x 12.5 x 16 cm
Weight	1.35 Kg
Warranty	3 Years
UV Protected	Yes

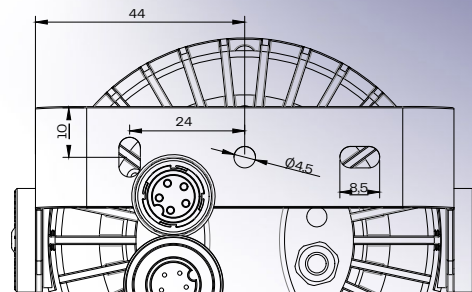
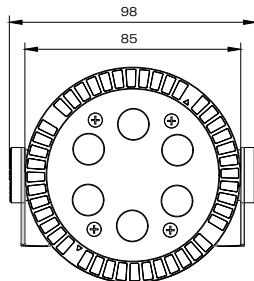
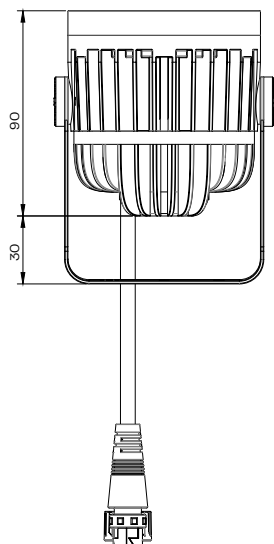
RGBW3000K	Red	Green	Blue	3000K
10°	133Lm	183Lm	55Lm	241Lm
15°	135Lm	186Lm	57Lm	246Lm
25°	131Lm	180Lm	54Lm	238Lm
45°	137Lm	189Lm	57Lm	249Lm
60°	132Lm	181Lm	54Lm	239Lm

3000K	White
10°	1084Lm
15°	1104Lm
25°	1071Lm
45°	1121Lm
60°	1076Lm

Light distribution

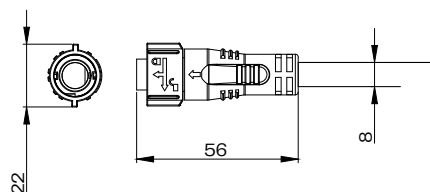


Dimensions Beam F12 (mm)

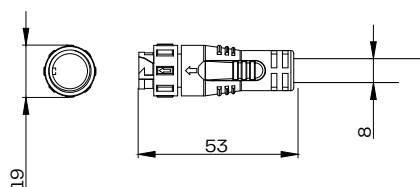


Dimensions M16 5Pin connectors & End cap

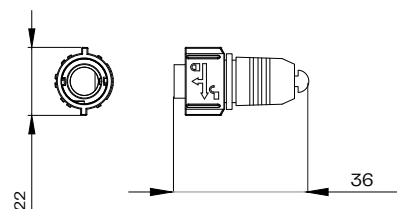
M16 5Pin Male connector



M16 5Pin Female connector

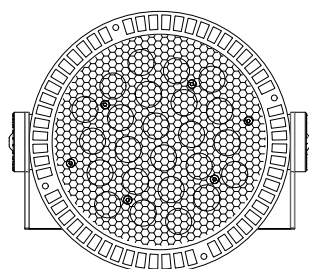


M16 5Pin End cap

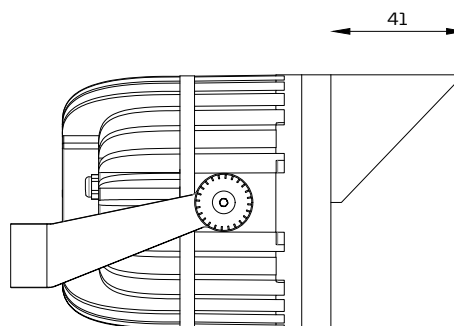


Accessories

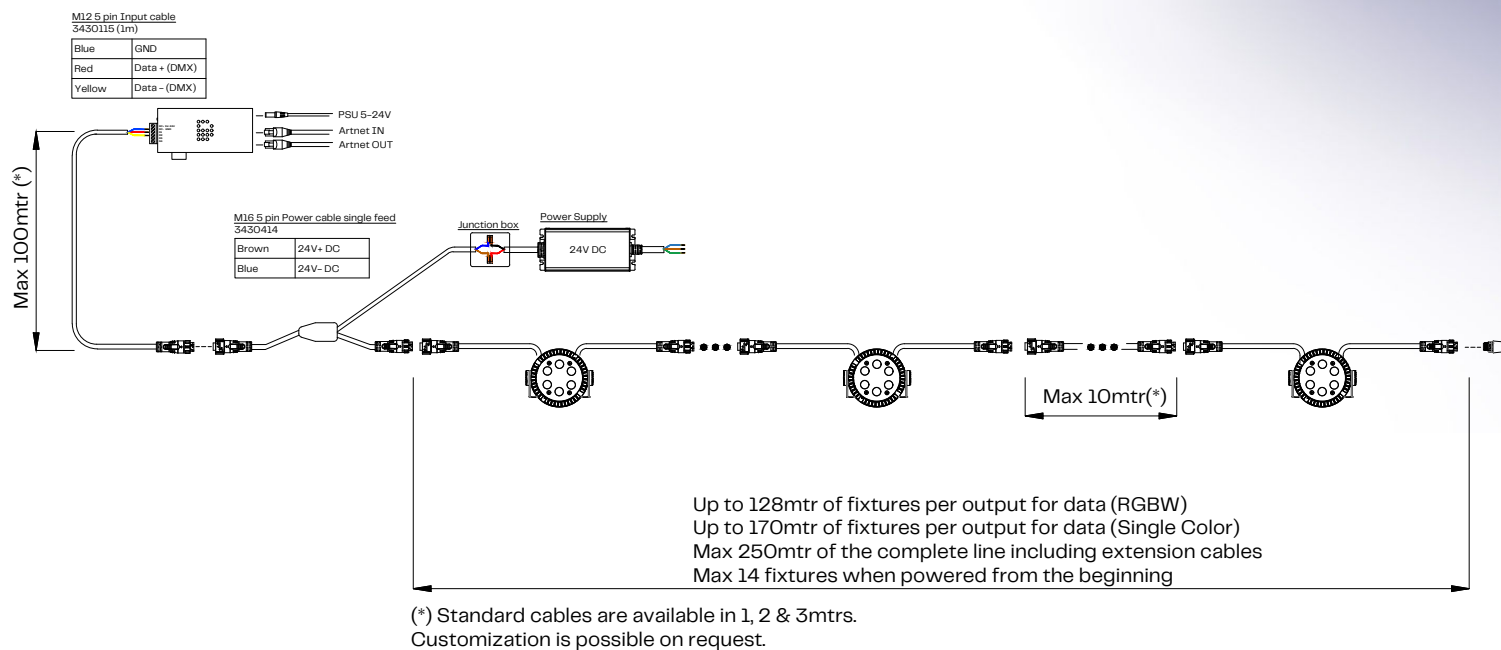
Honeycomb



Glare shield



System Diagram Beam F12



Installation guide

- Important note:

- 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

