

DiGi Linear E-Series

Illuminate large architectural surfaces with ease using our Linear Luminaire, featuring a wide 150-degree beam angle. With 48 LEDs per 900mm, this fixture delivers powerful and uniform lighting coverage, ensuring every detail of the facade is beautifully illuminated. Designed to withstand various environmental conditions, our Linear Luminaire operates within a wide temperature range, making it suitable for installation in both hot and cold climates. From scorching summers to freezing winters, trust in the durability and reliability of our luminaire.

Key specifications

Voltage (V)	48V DC	
Color Range	RGB	RGBW
Luminous Flux (lm/900mm)	195Lm	340Lm
Power Consumption (w/900mm)	12W	16W
Number of channels (p/900mm)	36Ch	48Ch
Number of pixels (p/900mm)	12pix	
Pixel pitch (mm)	75mm	
Control	SPI	
Available Fixture Lengths (mm)	300, 600, 900, 1200, 1500	

CE

RoHS


IP68

IK08

Ordering information

Color Temp.	Length	Accessories	Qty
<input type="checkbox"/> RGB	<input type="checkbox"/> 300mm	<input type="checkbox"/> Cable Guide	<input type="text"/>
<input type="checkbox"/> RGBW3000K	<input type="checkbox"/> 600mm	<input type="checkbox"/> Dome Cover	<input type="text"/>
<input type="checkbox"/> RGBW4000K	<input type="checkbox"/> 900mm	<input type="checkbox"/> Tube Cover	<input type="text"/>
	<input type="checkbox"/> 1200mm		<input type="text"/>
	<input type="checkbox"/> 1500mm		<input type="text"/>

Related Items



Input cable, Bare wire to Female

<input type="checkbox"/>	<input type="checkbox"/>	M16 3pin Input cable 1m	3430513
<input type="checkbox"/>	<input type="checkbox"/>	M16 3pin Input cable 2m	3430523
<input type="checkbox"/>	<input type="checkbox"/>	M16 3pin Input cable 3m	3430533

Input cable, RJ45 to Female

<input type="checkbox"/>	<input type="checkbox"/>	M12 4pin Input cable 15m	3430755
<input type="checkbox"/>	<input type="checkbox"/>	M12 4pin Input cable 30m	3430756
<input type="checkbox"/>	<input type="checkbox"/>	M12 4pin Input cable 50m	3430757

Extension cable, Male to Female

<input type="checkbox"/>	<input type="checkbox"/>	M16 3Pin Extension cable 1m	3430613
<input type="checkbox"/>	<input type="checkbox"/>	M16 3Pin Extension cable 2m	3430623
<input type="checkbox"/>	<input type="checkbox"/>	M16 3Pin Extension cable 3m	3430633

Power & Data injector cable


<input type="checkbox"/>	<input type="checkbox"/>	M16 Power & Data injector cable 1.5m	3430419
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Power cable

<input type="checkbox"/>	<input type="checkbox"/>	M16 3Pin Power cable Single feed 1.5m	3430418
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End cap

<input type="checkbox"/>	<input type="checkbox"/>	M16 3pin End cap	3430016
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DiGidot C4 Live

<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Live 4	20101
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Live 8	20102
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Live 12	20103
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Live 16	20104

DiGidot C4 Extended


<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Extended 1	20201
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Extended 2	20202
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Extended 4	20203
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot C4 Extended 8	20204

DiGidot PxLNode

<input type="checkbox"/>	<input type="checkbox"/>	DiGidot PxLNode U96	20820
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DiGidot PxLNet Transceiver kit

<input type="checkbox"/>	<input type="checkbox"/>	DiGidot PxLNet Transceiver kit RJ45-Bus	20341
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot PxLNet Transceiver kit Screw	203402
<input type="checkbox"/>	<input type="checkbox"/>	DiGidot PxLNet Transceiver kit Solder	203403



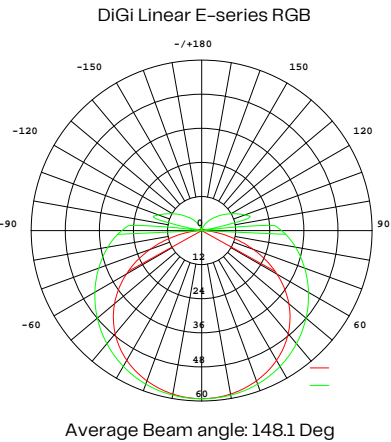
Meanwell Power supply

<input type="checkbox"/>	<input type="checkbox"/>	HLG-240H-48	8442700
<input type="checkbox"/>	<input type="checkbox"/>	HLG-320H-48	8442600
<input type="checkbox"/>	<input type="checkbox"/>	HLG-480H-48	8431900

General specifications

Operating Voltage	48 V DC	
Available Colors	RGB	RGBW
Power Consumption p/900mm	12W	16W
Channels p/900mm	36ch	48ch
LEDs per Fixture p/900mm	48	48
LED Type RGB	Lumileds	
LED Type White	Osram	
Beam Angle (Dome)	150°	
Luminous Flux p/900mm	195lm	195lm
LB Value	L80B10 50.000H	
Max Run Length for power	20 mtr.	
Max Run Length for data	25 mtr.	
LED Pitch	18.75 mm	
Storage Temperature	-40° C to 85° C	
Operating Temperature	-20° C to 65° C	
Connector	M16 3 Pin Connector	
Mounting Options	Mounting Brackets	
Certifications	CE, RoHS	
Available Housing Colors	Grey	
Weight	1.9 Kg	
Warranty	3 Years	
Ingress Protection	IP68	
Impact protection	IK08	
UV protected	Yes	

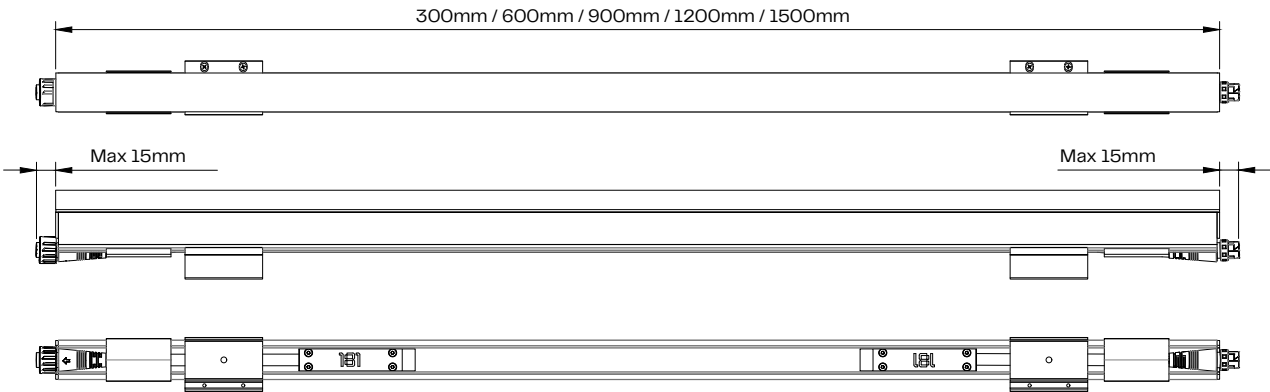
Light distribution



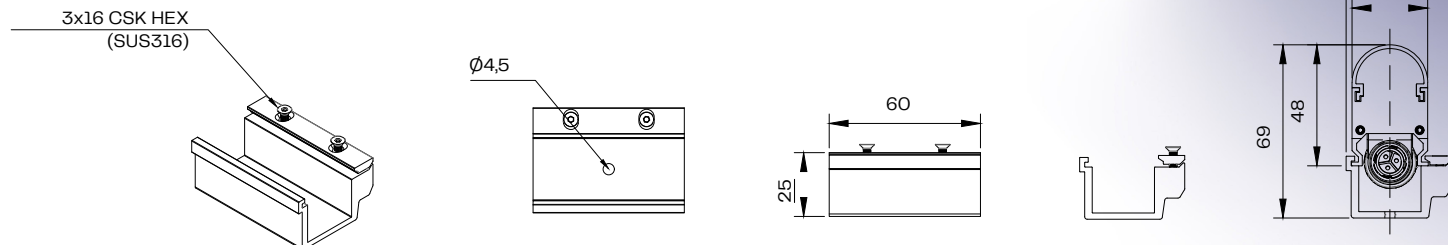
Dome 900mm	Red	Green	Blue	3000K
RGB	45Lm	126Lm	24Lm	
RGBW	45Lm	126Lm	24Lm	145Lm

Wavelength	Red	Green	Blue
	620NM	525NM	470NM

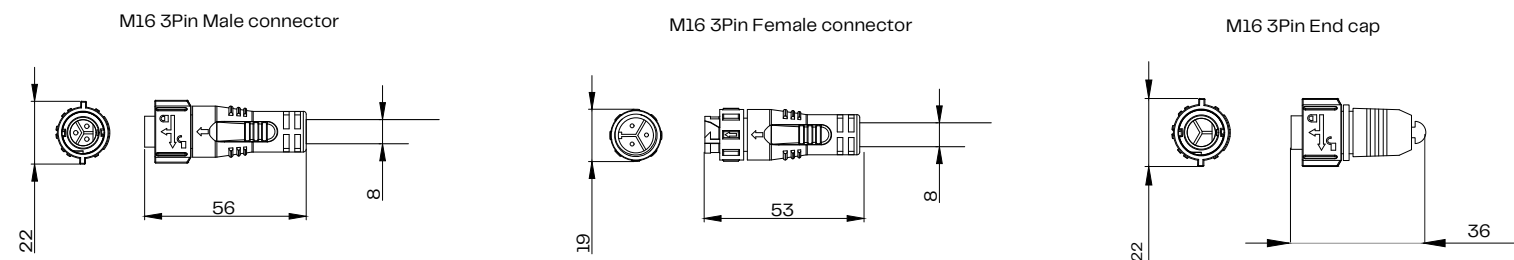
Dimensions



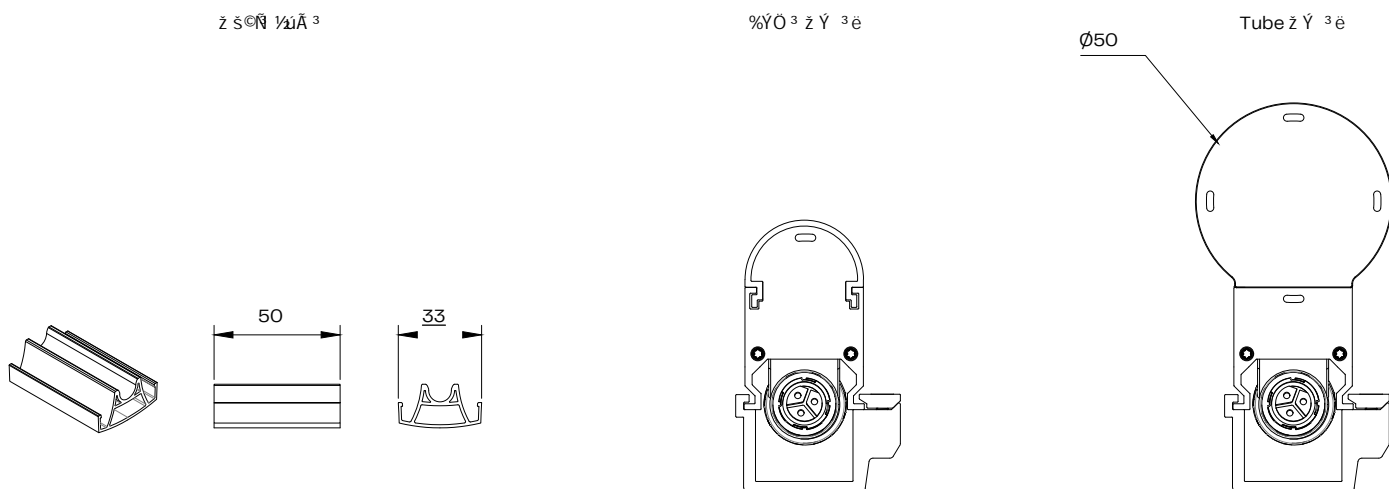
Dimensions mounting bracket



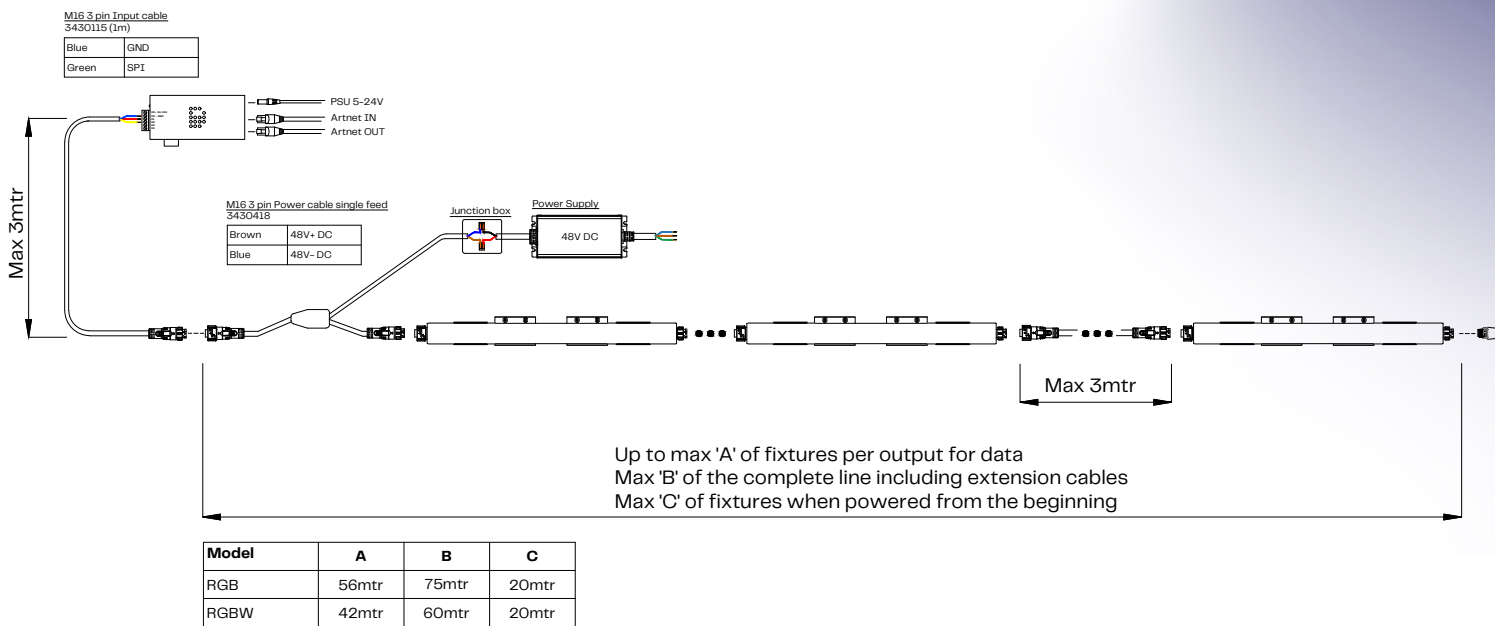
Dimensions M16 3Pin connectors & End cap



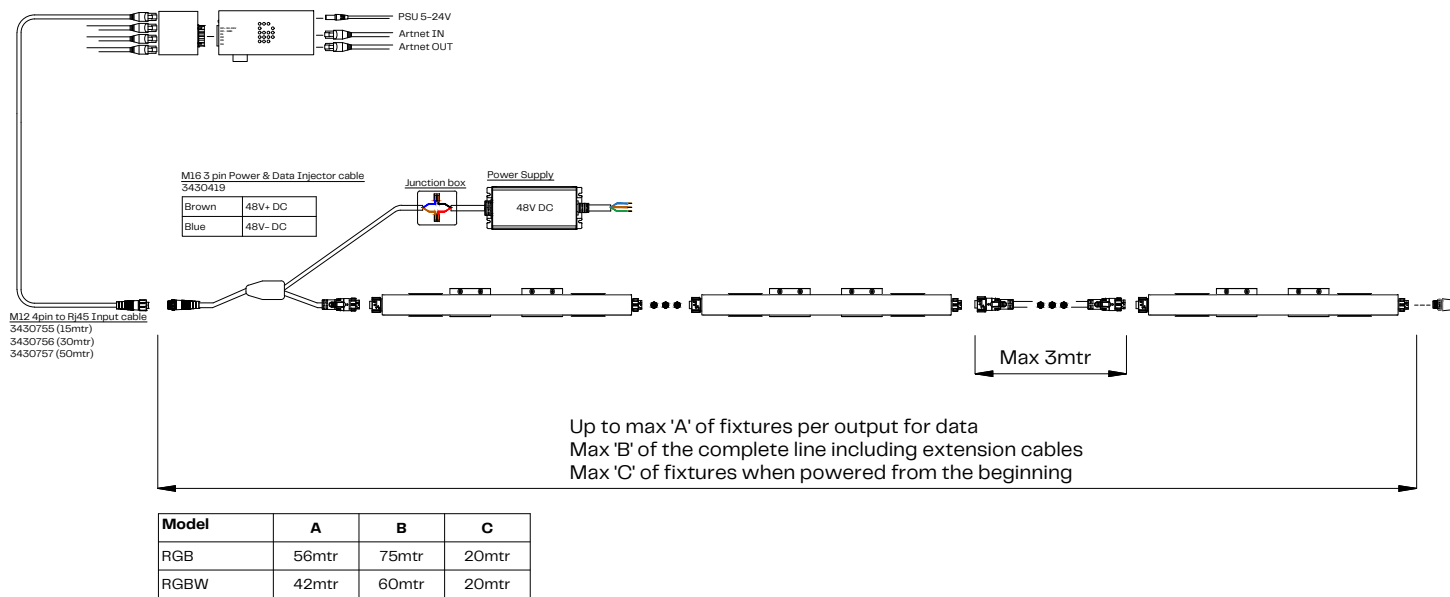
Accessories



System diagram basic



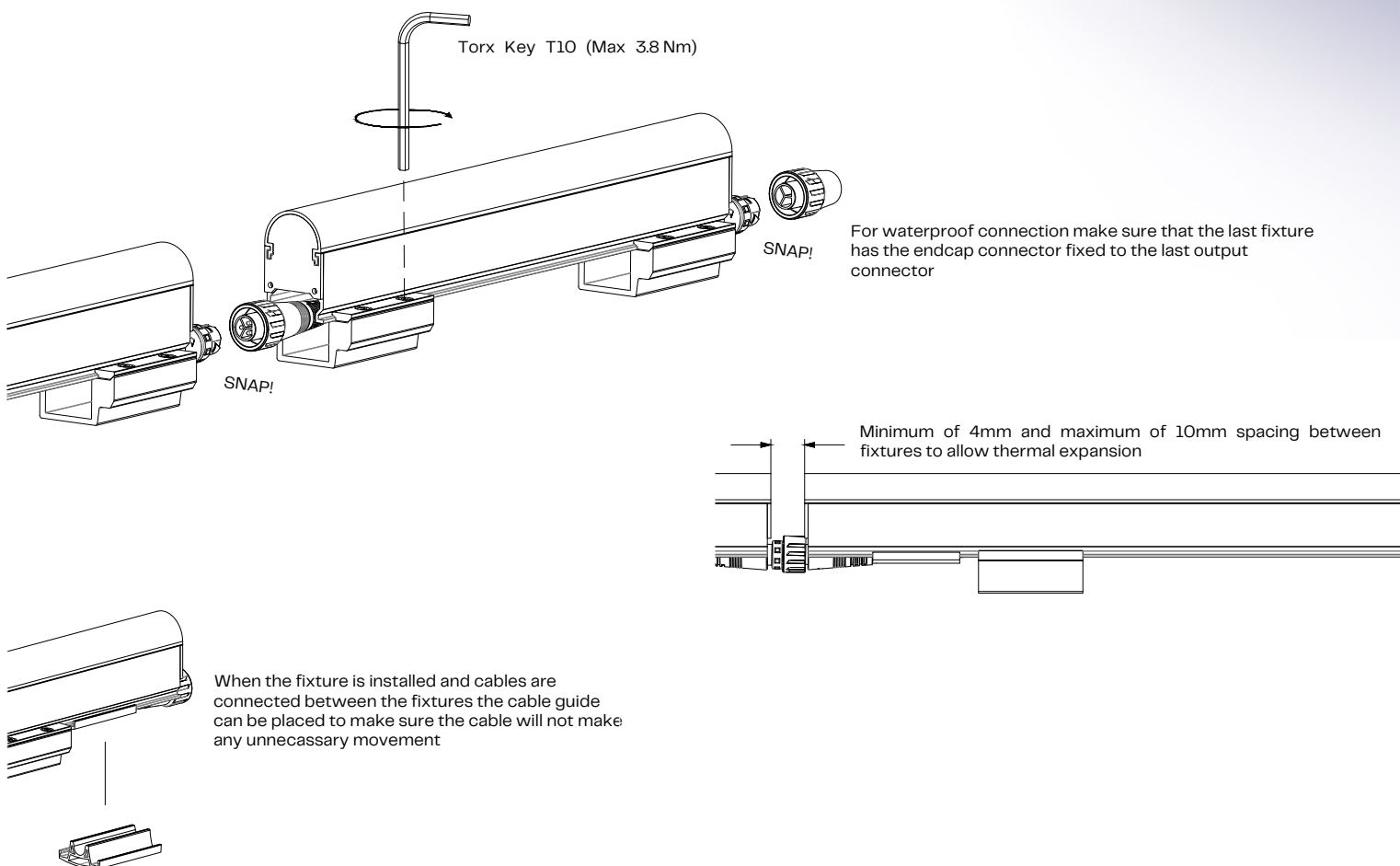
System diagram advanced



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



Bracket fixation

