

DiGi Linear V-serie



General

Width (mm)	18.3
Height (mm)	32
Housing Material	Aluminum
Mounting	mounting brackets included
Cable Type	H05RN-F3xG0.75
Connector	M12 - 3 pin

Electronics

Input Voltage	48 V DC
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Lighting

Optics (°)	95
LED Spacing (mm)	8.33
Pixels /m	60
Pixel Pitch	16.66 mm
Colour Rendering Index (CRI)	80

Control

Control	SPI
Compatible ICs	UCS9812

Environmental

Storage Temperature	-30 ~ +65 °C
Operating Temperature	-20 ~ +55 °C
Impact Protection	IK07
Ingress Protection	IP67

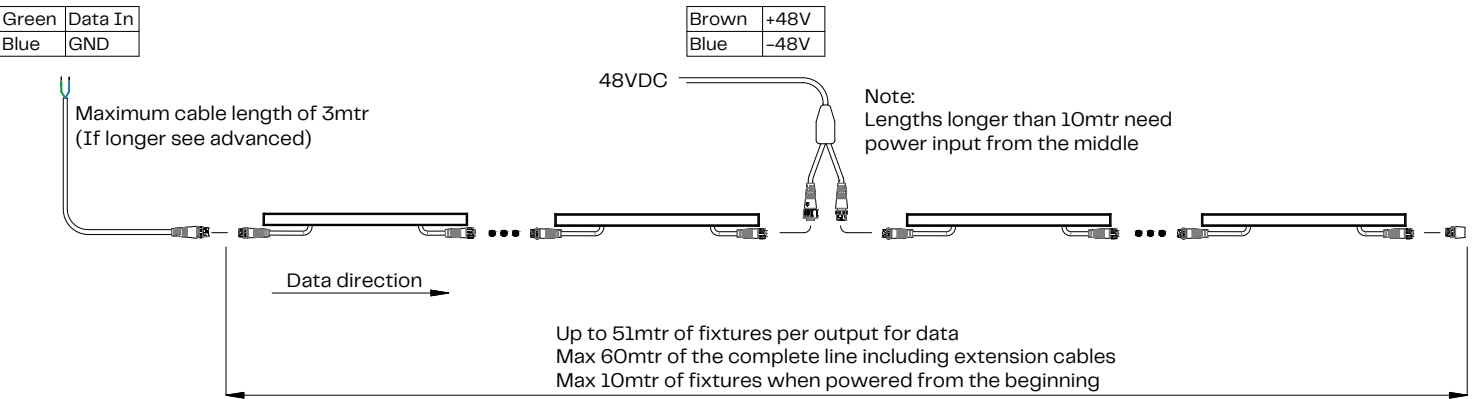
CE IP67 2^{year}
warranty

Disclaimer

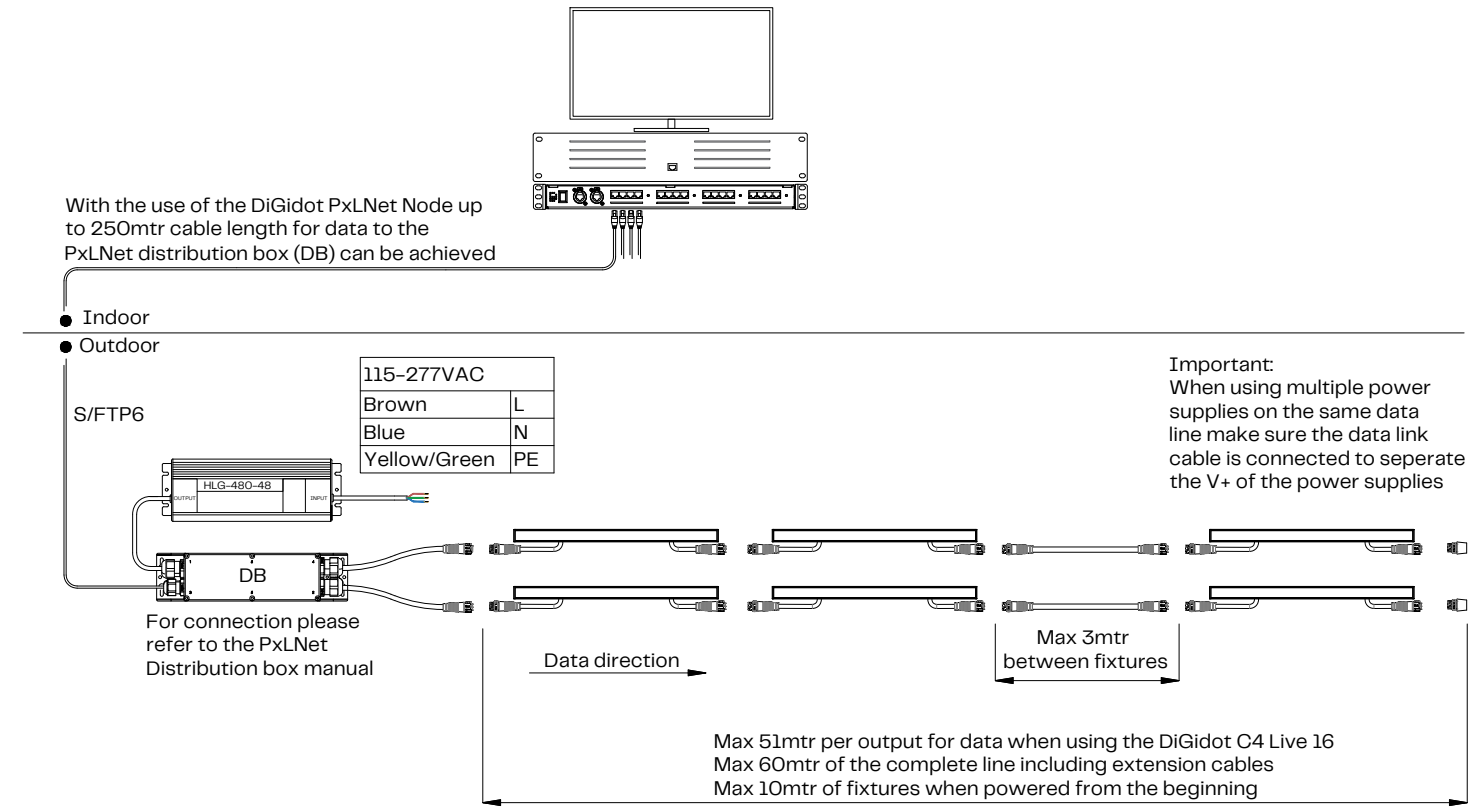
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Basic

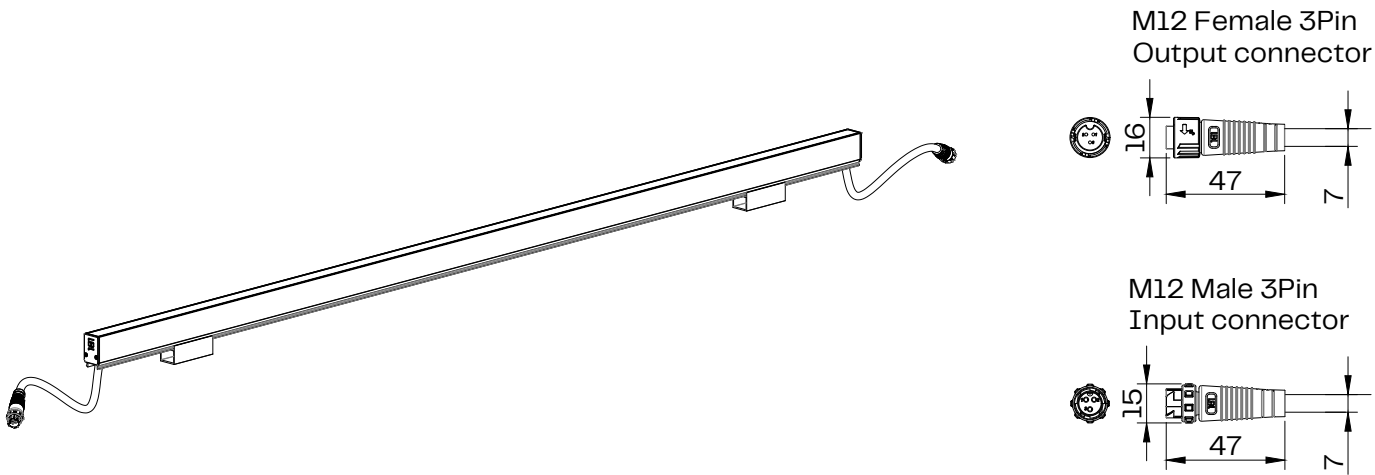


Advanced

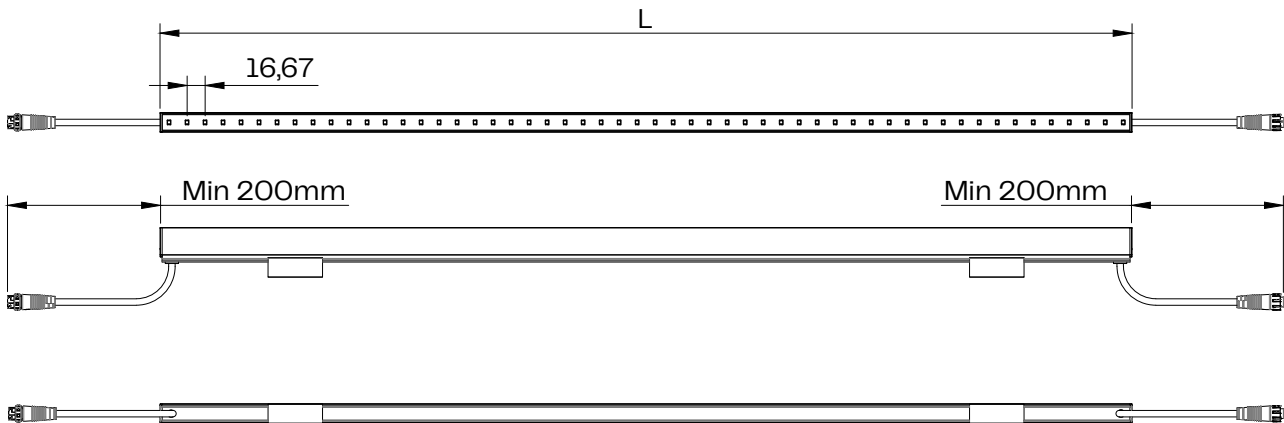


Disclaimer

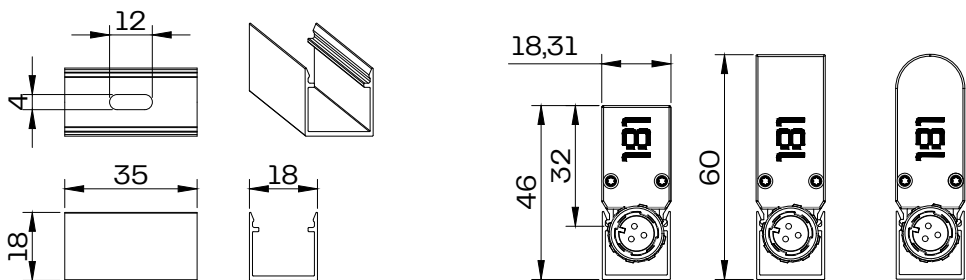
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Connector
SCALE 1:3



Fixture
SCALE 1:7



Mounting clip
SCALE 1:2

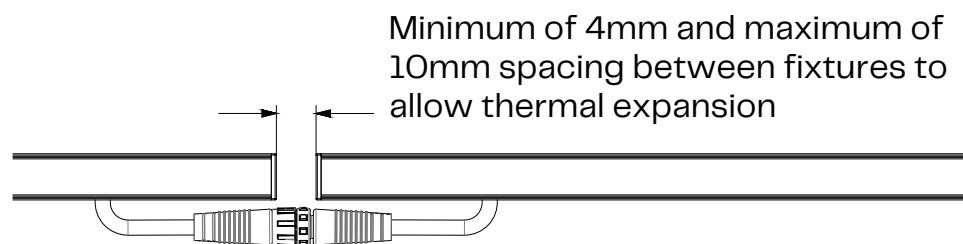
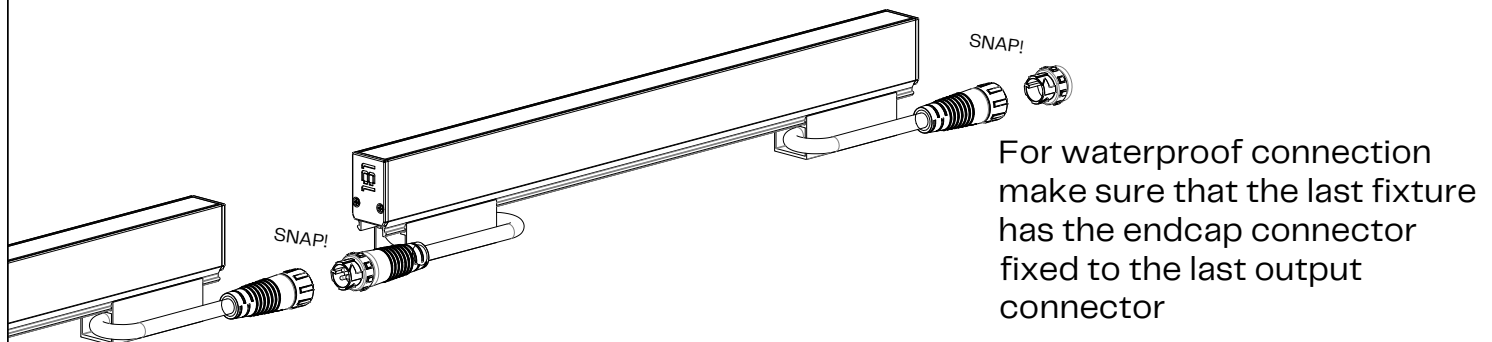
Side view
SCALE 1:2

Disclaimer

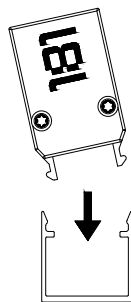
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Important:

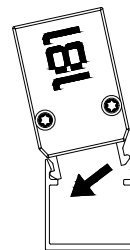
- Make sure power is disconnected during installation or maintenance
- Do not attempt installation in wet or severe weather conditions
- Keep cables protected from sharp objects to prevent damage
- Make sure unconnected fixtures are not exposed to raining/ snowing environment



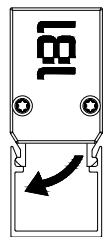
1. Mount bracket



2. Place fixture in bracket



3. Place feet under plate



4. Rotate in to bracket

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DiGi Linear V-Series

Illuminate large architectural surfaces with ease using our Linear Luminaire, featuring a wide 150-degree beam angle. With 54 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 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	Tunable White
Luminous Flux (lm/900mm)	203Lm	425Lm	299Lm
Power Consumption (w/900mm)	12W	15W	15W
Number of pixels (p/900mm)	54pix		
Pixel pitch (mm)	16.67		
Control	SPI		
Available Fixture Lengths (mm)	300, 600, 900, 1200, 1500		



CE

RoHS

IP67

IK08

Ordering information

Color Temp.	Length	Housing color	Cover type	Qty
☐ RGB	☐ 300mm	☐ Grey (Default)	☐ Round Opal	
☐ RGBW3000K	☐ 600mm	☐ Black	☐ Square Opal	
☐ RGBW4000K	☐ 900mm	☐ White	☐ Flat Opal	
☐ 2700-5700K	☐ 1200mm		☐ Flat Transparent	
	☐ 1500mm			

Related Items



Input cable, Bare wire to Female		
☐	☐	M12 3pin Input cable 1m 3430113
☐	☐	M12 3pin Input cable 2m 3430123
☐	☐	M12 3pin Input cable 3m 3430133
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		
☐	☐	M12 3pin Extension cable 1m 3430213
☐	☐	M12 3pin Extension cable 2m 3430223
☐	☐	M12 3pin Extension cable 3m 3430233
Power & Data injector cable		
☐	☐	M12 Power & Data injector cable 1.5m 3430715
Power cable		
☐	☐	M12 3Pin Power cable Single feed 1.5m 3430414
End cap		
☐	☐	M12 3Pin End cap 3430012

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 Transmitter		
☐	☐	DiGidot PxLNet Transmitter 20342

Meanwell Power supply		
☐	☐	HLG-240H-48 8442700
☐	☐	HLG-320H-48 8442600
☐	☐	HLG-480H-48 8431900

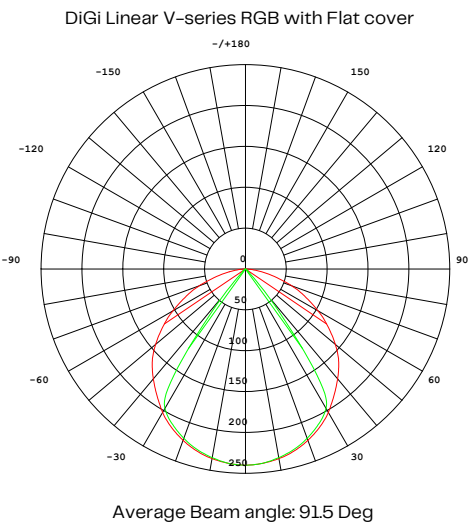
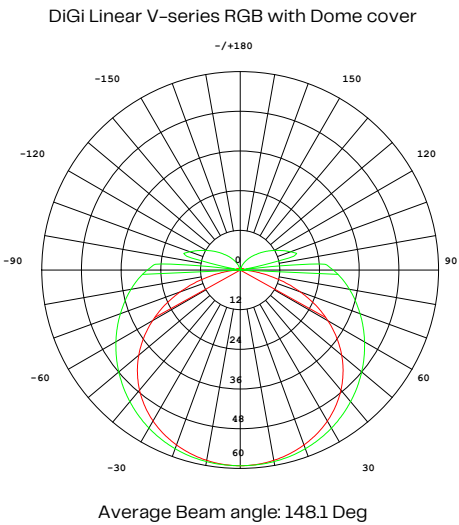
General specifications

Operating Voltage	48 V DC		
Available Colors	RGB	RGBW	Tunable White
Power Consumption (p/900mm)	12W	15W	15W
Channels (p/900mm)	162ch	216ch	162ch
LED Quantity (p/900mm)	54	54+54	54+54
Luminous Flux (p/900mm)	203lm	425lm	299lm
LED Type RGB	CREE SMD3535		
LED Type White	Osram SMD2835		
Beam Angle (Dome/ Square)	150°		
Beam Angle (Flat transparant)	95°		
LB Value	L70B10 50.000H		
CRI	≥80		
Max Run Length for power	12 mtr.		
Max Run Length for data	12 mtr.		
Pixel Pitch	16.67 mm		
Storage Temperature	-30° C to 65° C		
Operating Temperature	-20° C to 55° C		
Connector	M12 3 Pin Connector		
Mounting Options	Mounting Clip		
Certifications	CE, RoHS		
Available Housing Colors	Grey (Default), Black, White		
Weight (p/900mm)	0.8 Kg		
Warranty	3 Years		
Ingress Protection	IP67		
Impact protection	IK08		
UV protected	Yes		

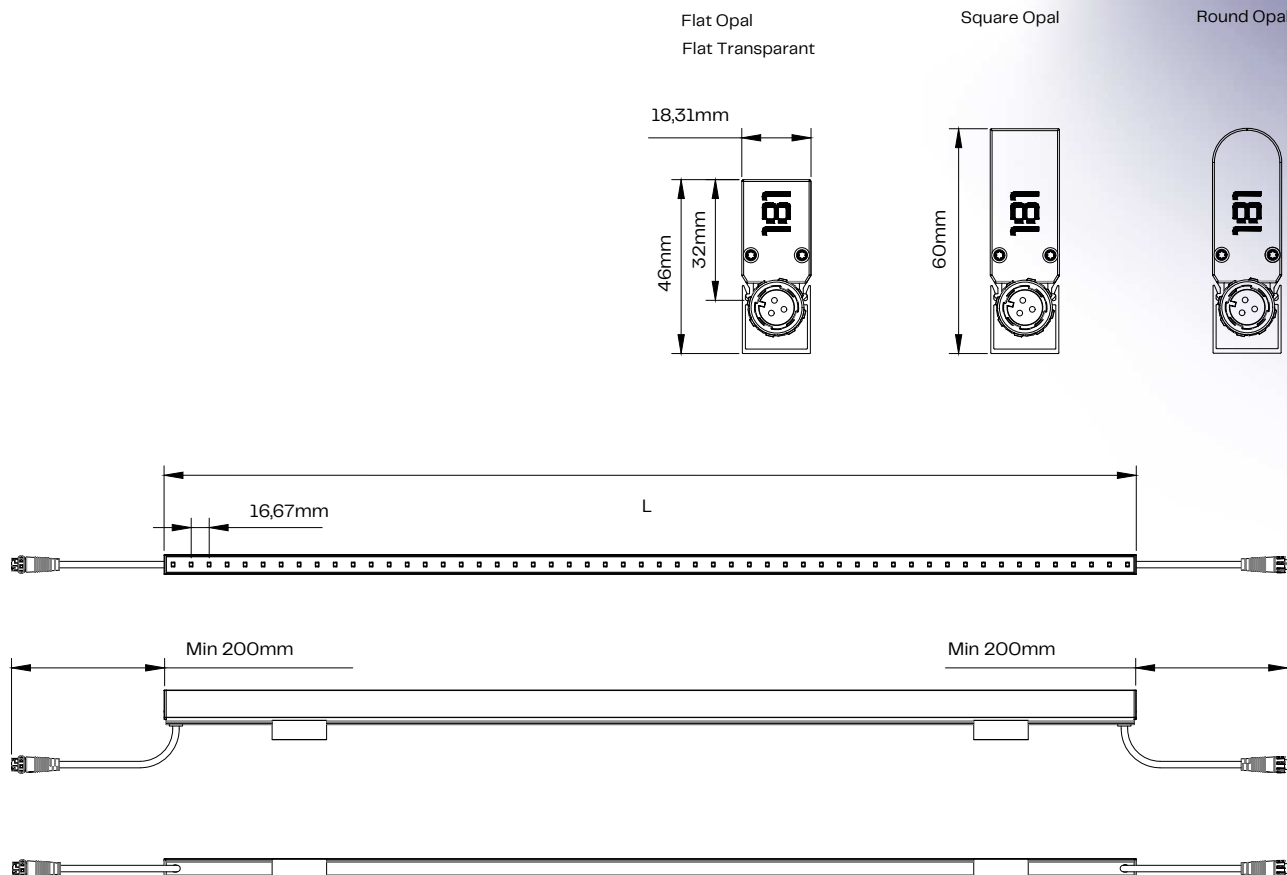
Dome 900mm	Red	Green	Blue	3000K	2700K	5700K
RGB	55Lm	112Lm	36Lm			
RGBW	84Lm	159Lm	33Lm	149Lm		
Tunable White					146Lm	153Lm

Wavelength	Red	Green	Blue
	620NM	525NM	470NM

Light distribution



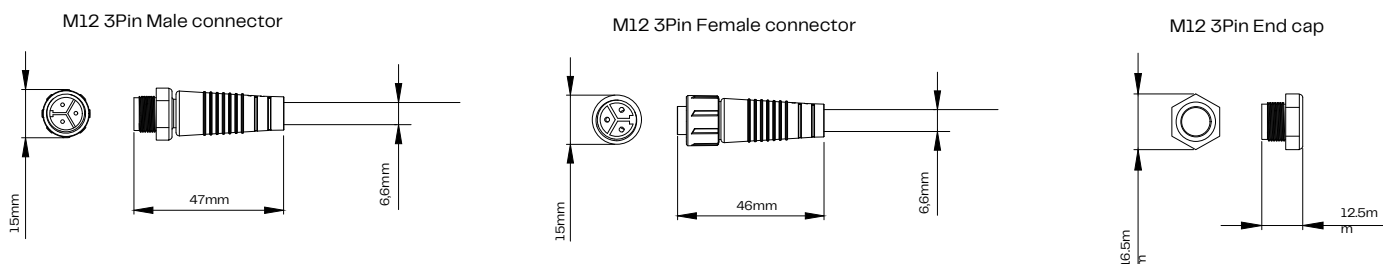
Dimensions DiGi Linear V-series



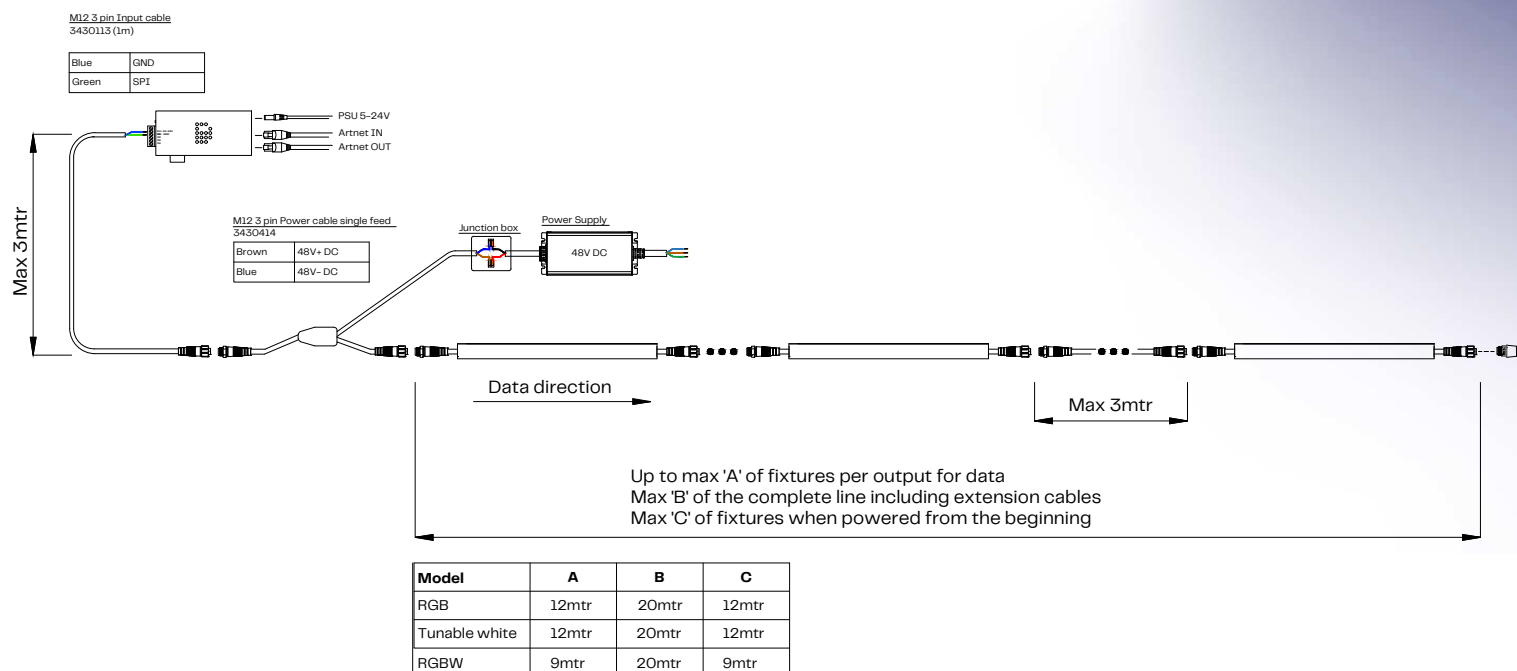
Mounting clip (mm)



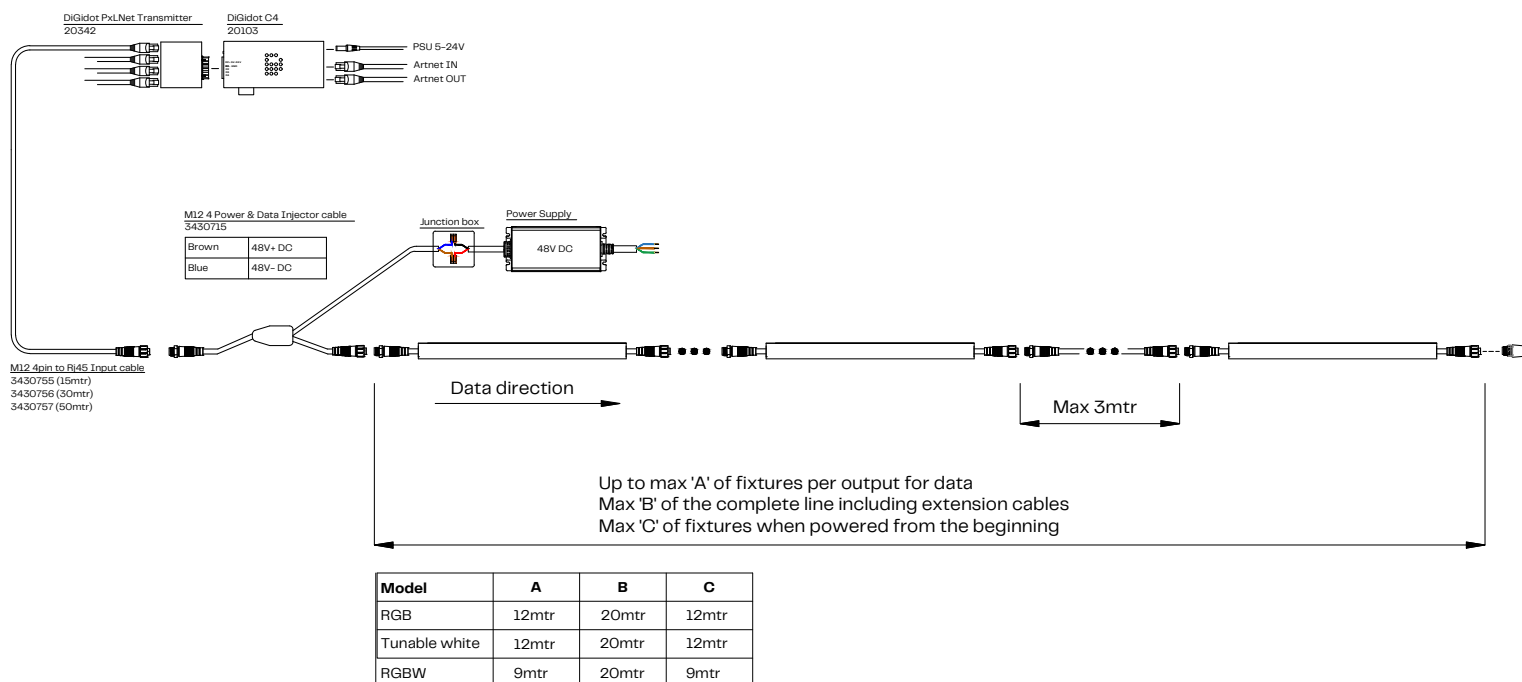
Dimensions M12 3Pin connectors & End cap



System diagram basic



System diagram advanced



Installation guide

Important note:

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