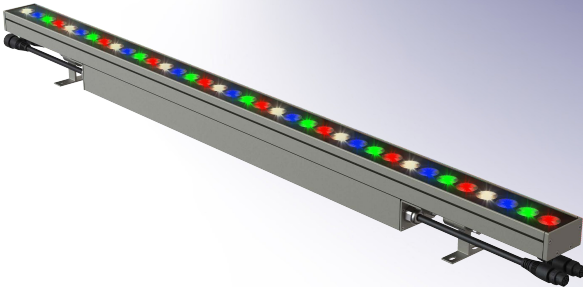


Linear 54W RGBW

This 54W Linear has a high output and is also very efficient. With various options of optics. The fixture is suitable for both WallWashing and WallGrazing and is perfect for lighting elements up to 30 meters in height. The fixture is supplied on low voltage (24V) using an external driver as well as in a 230Vac variant using a built-in driver. With a low-voltage fixture, 1 cable is used (power supply + data, 5 poles), with the 230Vac variant, 2 cables are used where data and power are separated (power supply M16 3-pole and data M16 5-pole).

Key specifications

Voltage (V)	24V DC / 230V AC
Power Consumption (w/m)	54W
Luminous Flux (lm/m)	2217Lm (15° RGBW3000K)
Color Range	RGBW
CRI	≥80
Number of pixels (m)	1
Channels (m)	4Ch
Control	DMX
Fixture Length (mm)	500 / 1000mm



CE

RoHS

IP68

IK08

Ordering information

Color Temp.	Beam Angle	Accessories	Voltage	Length	Qty
☐ RGBW3000K	☐ 15°	☐ Honeycumb	☐ 24VDC	☐ 500mm	
☐ RGBW4000K	☐ 25°	☐ Louver	☐ 115-277VAC	☐ 1000mm	
	☐ 45°				
	☐ 10°x25°				
	☐ 12°x49°				

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

Input cable 3Pin, Bare wire to Female

☐	☐	M16 3pin Input cable 1m	3430513
☐	☐	M16 3pin Input cable 2m	3430523
☐	☐	M16 3pin Input cable 3m	3430533

Extension cable 5pin, Male to Female

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

Extension cable 3pin, Male to Female

☐	☐	M16 3Pin Extension cable 1m	3430613
☐	☐	M16 3Pin Extension cable 2m	3430623

Power cable

☐	☐	M12 5Pin Power cable Double feed 1.5m	3430415
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End cap

☐	☐	M12 5Pin End cap	3430017
☐	☐	M12 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
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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

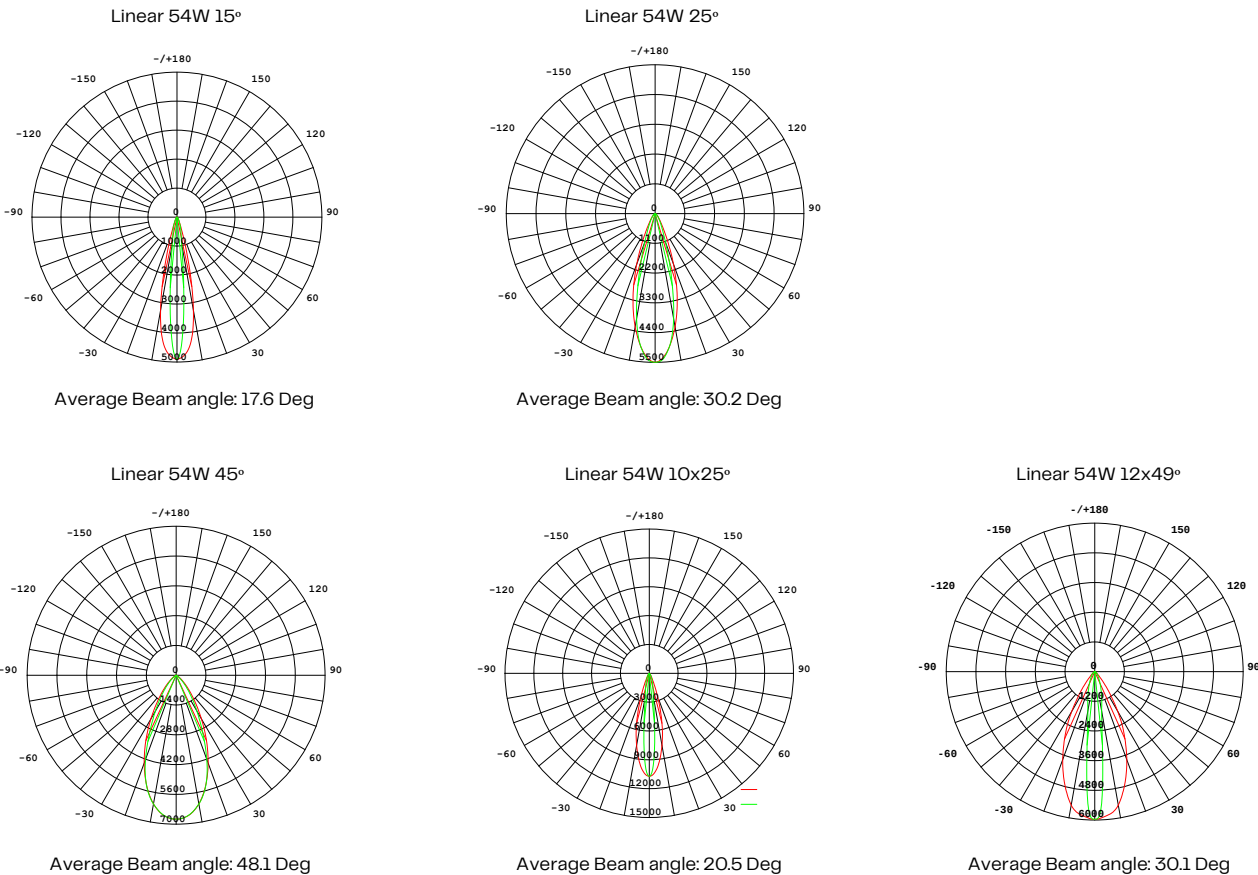
☐	☐	XLG-75-24	8343100
☐	☐	XLG-100-24	8343300
☐	☐	HLG-150-24	8440700
☐	☐	HLG-240-24	8441600
☐	☐	HLG-320-24	8442500

General specifications

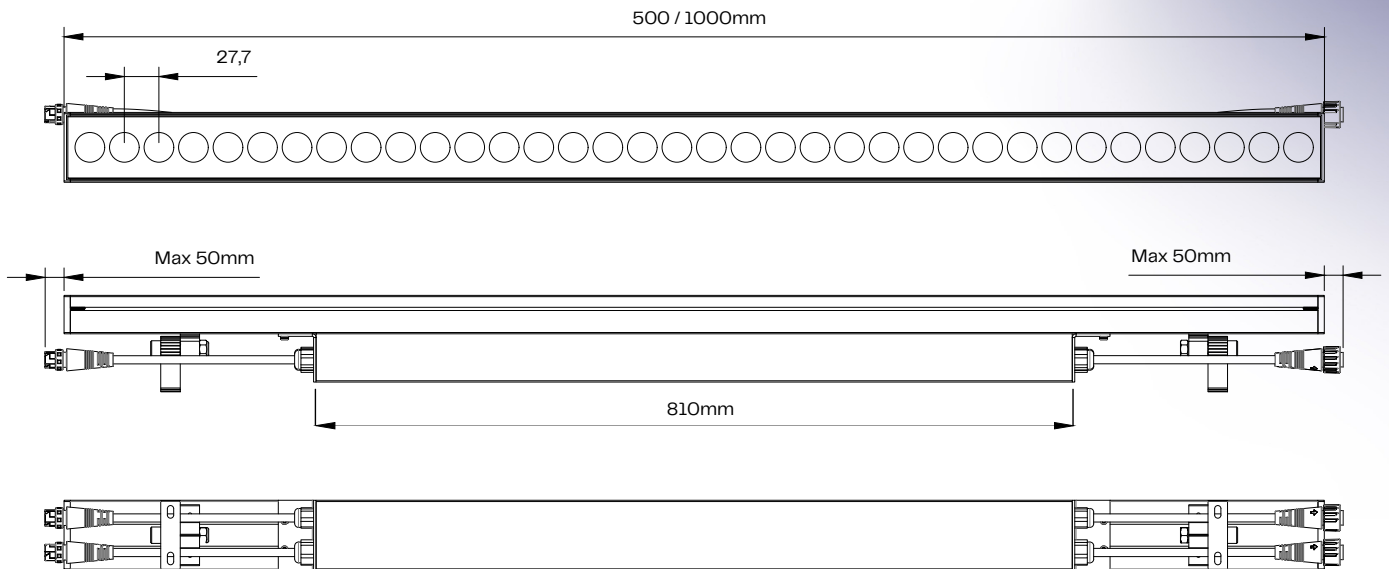
Operating Voltage	24 V DC
Available Colors	RGBW3000K, RGBW4000K
Power Consumption	54 W/m
Channels p/m	4ch
LEDs per Fixture	36 LEDs per fixture
Available Beam Angles	15° 25° 45° 10x25° 12x49°
Luminous Flux p/m	2217lm (15° RGBW3000K)
LB Value	L80B10 50.000H
Max Run Length for power	6 mtr.
Max Run Length for data	32 mtr.
LED Pitch	27 mm
Storage Temperature	-40° C to 70° C
Operating Temperature	-30° C to 55° C
Connector	M16 3 & 5 Pin Connector
Color Rendering Index	≥80
Mounting Options	Mounting Brackets
Certifications	CE, RoHS
Available Housing Colors	Grey
Housing material	AA 6063 / Tempered glass
Package Dimensions (L x W x H)	107 x 9 x 9 cm
Weight	3.2 Kg
Warranty	3 Years
Protection Rating	IP68
UV protection	Yes

RGBW3000K	Red	Green	Blue	3000K
15°	493Lm	747Lm	254Lm	723Lm
25°	471Lm	700Lm	235Lm	690Lm
45°	495Lm	773Lm	264Lm	753Lm
10x25°	479Lm	723Lm	245Lm	699Lm
12x49°	443Lm	647Lm	219Lm	631Lm

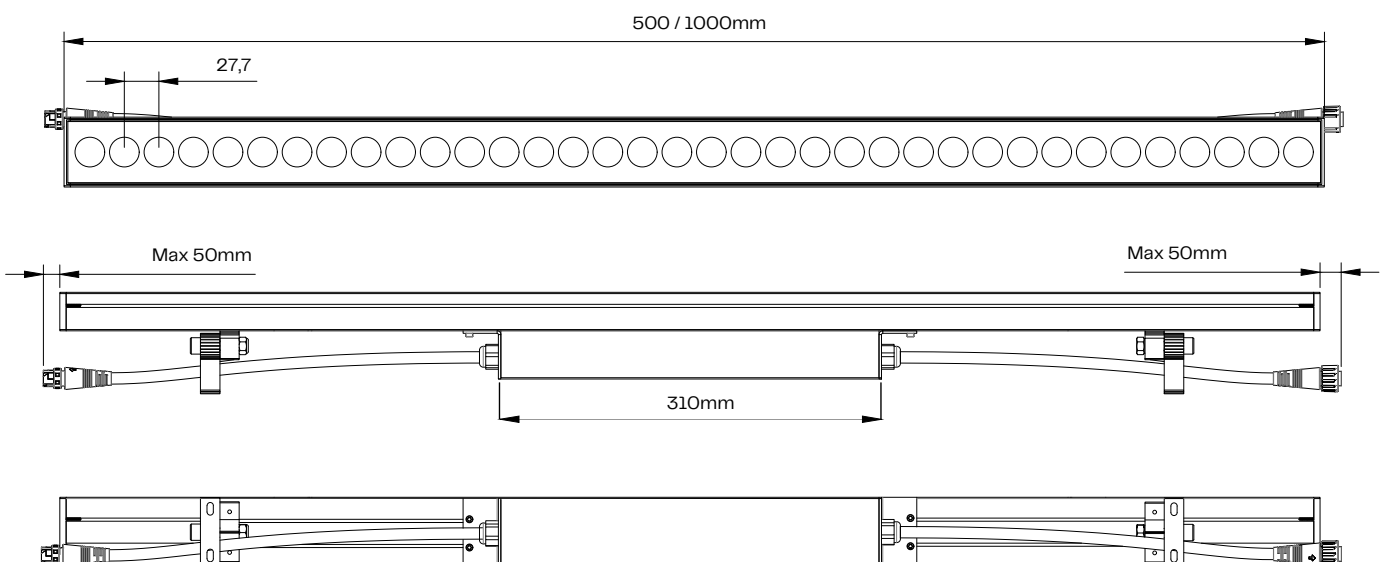
Light distribution



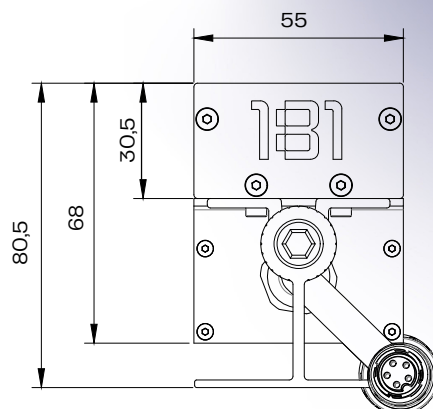
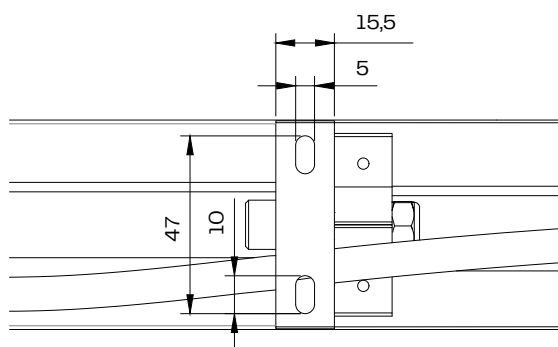
Dimensions Linear 54W 230VAC



Dimensions Linear 54W 24VDC

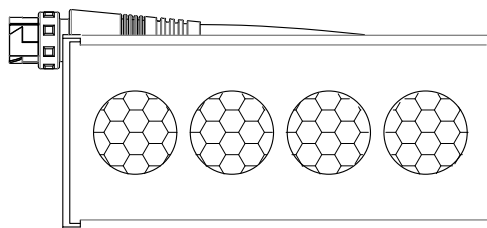


Dimensions Linear 54W and mounting bracket

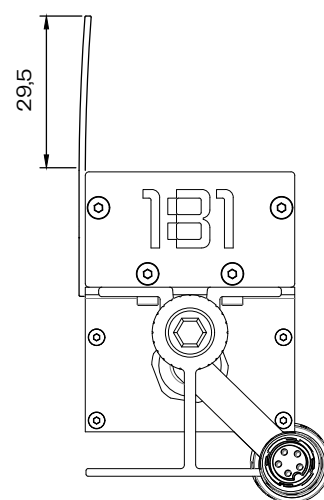


Additional accessories

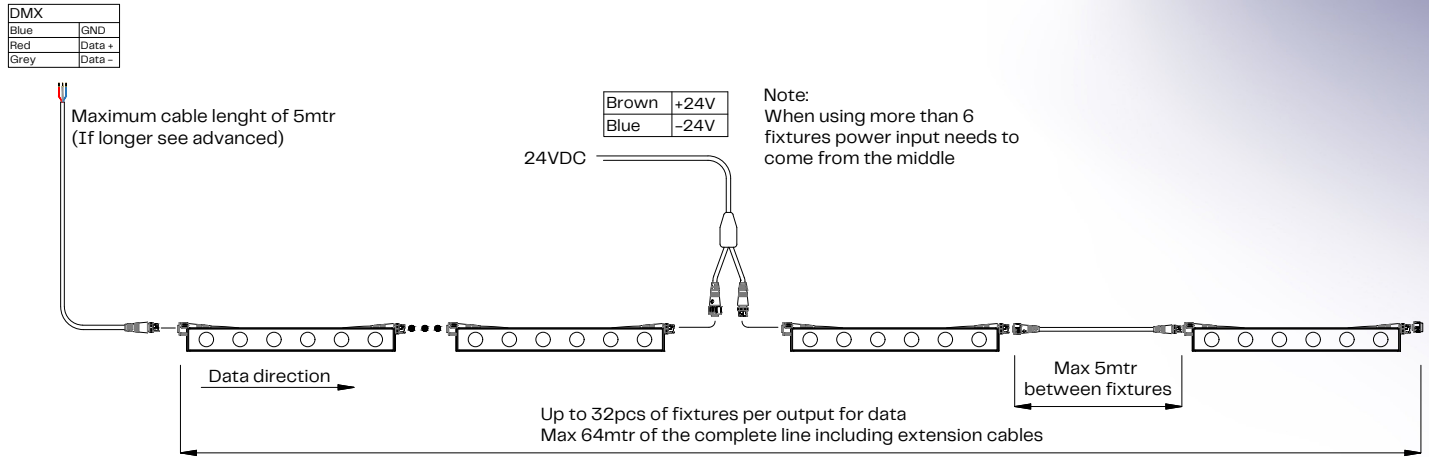
Honeycumb



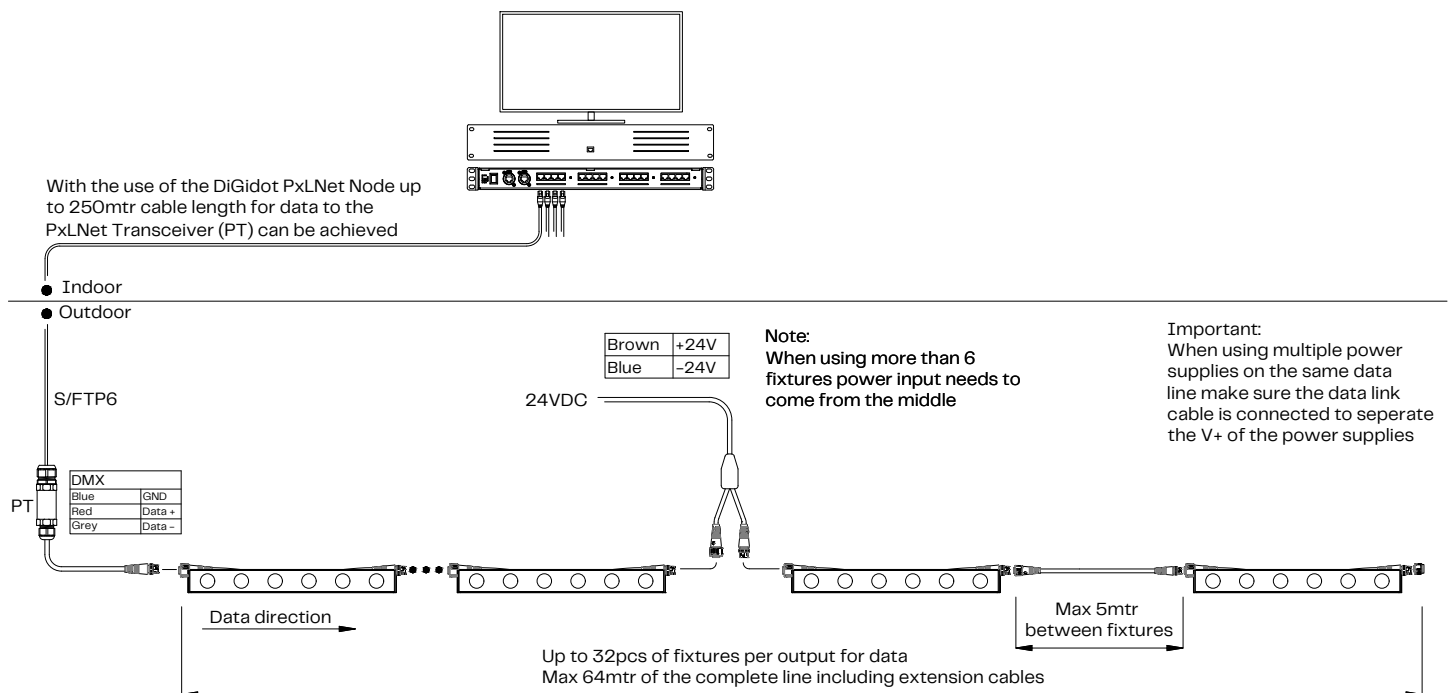
Louver



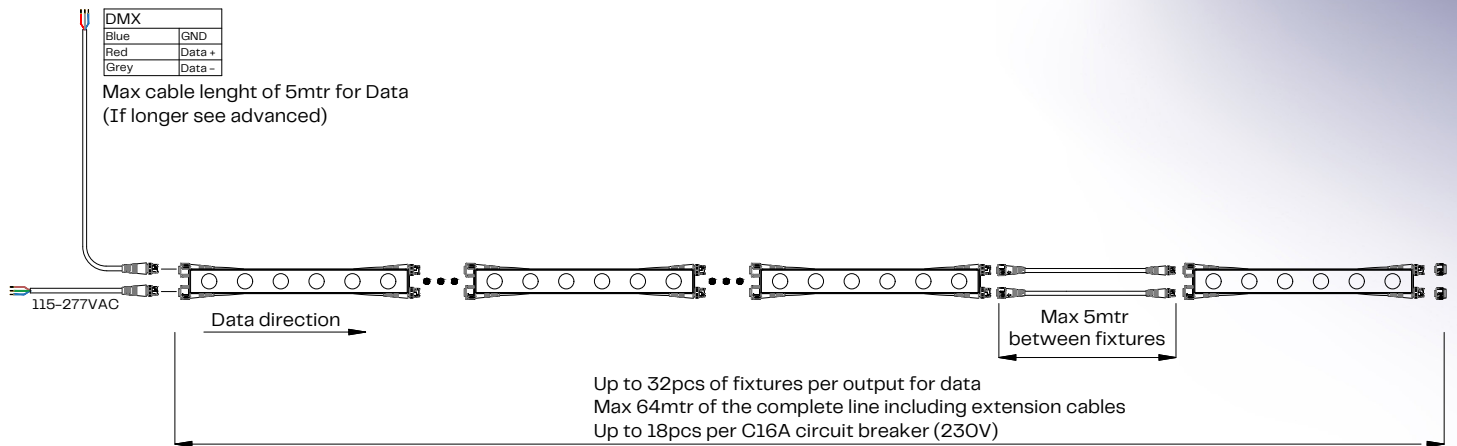
System diagram basic Linear 54W 24VDC



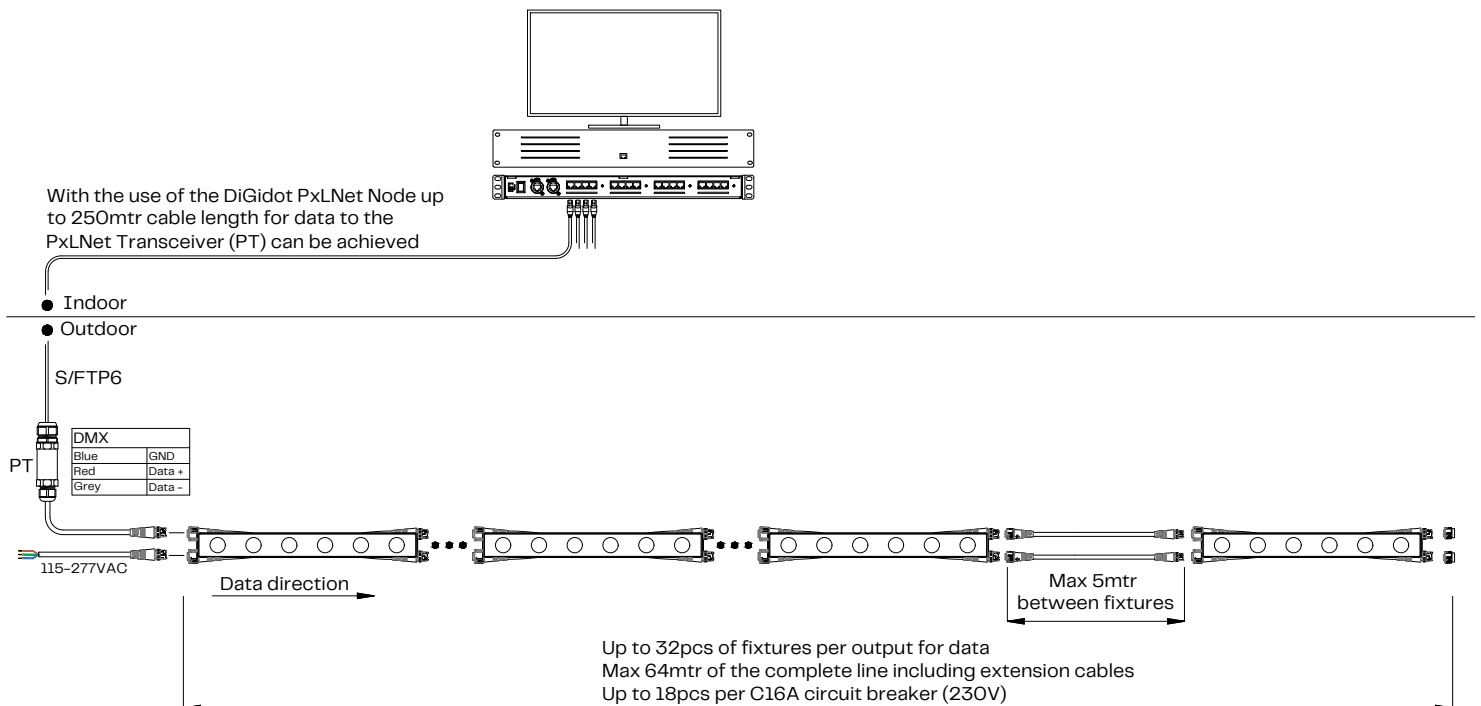
System diagram advanced Linear 54W 24VDC



System diagram basic Linear 54W 230VAC



System diagram advanced Linear 54W 230VAC

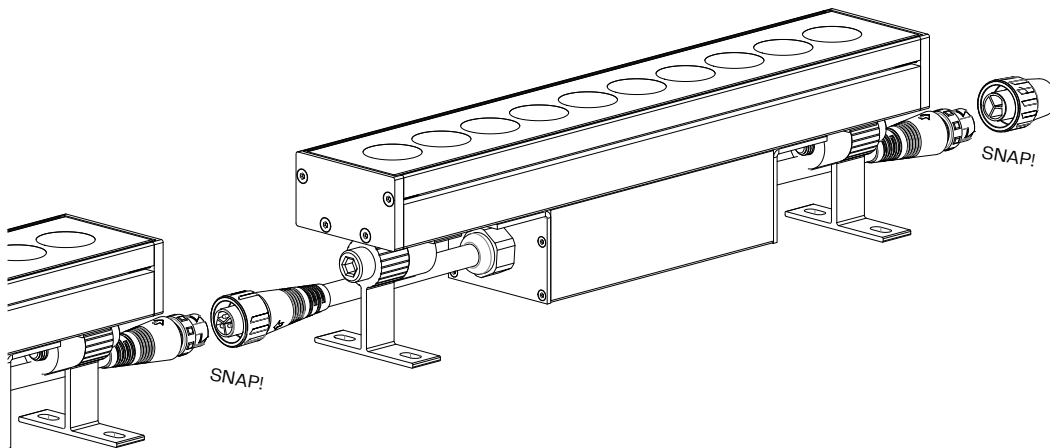
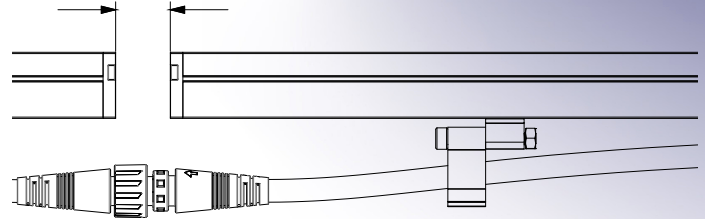


Installation guide

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

Minimum of 4mm spacing between fixtures to allow thermal expansion



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

Use the Hex key to fully secure the fixture when the desired angle has been set

