

Linear G54

Illuminate your space with the extraordinary performance of our 54W Linear Luminaire. Designed for high output and exceptional efficiency, this fixture offers a range of optics options, making it perfect for both Wall Washing and Wall Grazing applications. 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.

Key specifications

Voltage (V)	24V DC / 230V AC
Power Consumption (w/m)	54W
Luminous Flux (lm/m)	4517Lm (15° 3000K)
Color Range	RGBW Single Color
CRI	≥80
Channels (m)	4Ch 3Ch
Control	DMX
Fixture Length (mm)	500 / 1000mm
Operating temp.	-25°C + 60°C



CE

RoHS

IP67

IK08

Ordering information

Color Temp.	Beam Angle	Accessories	Voltage	Length	Qty
☐ RGBW3000K	☐ 15°	☐ Honeycomb	☐ 24VDC	☐ 500mm	
☐ RGBW4000K	☐ 25°	☐ Louver	☐ 115-277VAC	☐ 1000mm	
☐ 3000K	☐ 45°				
☐ 4000K	☐ 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

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

☐	☐	M16 5Pin End cap	3430017
☐	☐	M16 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 Transmitter

☐	☐	DiGidot PxLNet Transmitter	20342
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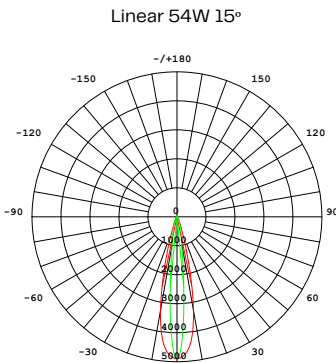
Meanwell Power supply

☐	☐	XLG-75-24	8343100
☐	☐	XLG-100-24	8343300
☐	☐	HLG-150-24	8440700
☐	☐	HLG-240-24	8441600
☐	☐	HLG-320-24	8442500
☐	☐	HLG-480-24	8441800

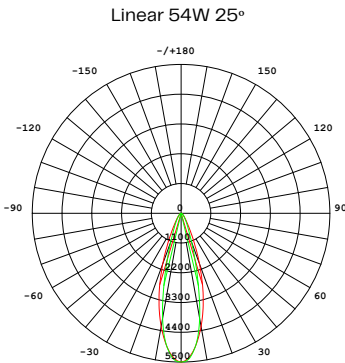
General specifications

Operating Voltage	24V DC / 230V AC		
Available Colors	RGBW	Single Color	Adj. White
Power Consumption	54 W/m		
Channels p/m	4ch	3ch	3ch
LEDs per Fixture p/m	36 LEDs		
LED Type RGBW	Cree		
LED Type Single Color	Cree		
Available Beam Angles	15° 25° 45° 10x25° 12x49°		
Luminous Flux p/m	4517Lm (15° 3000K)		
LB Value	L80B10 50.000H		
Max Run Length for power	6 mtr.		
Max Run Length for data	128mtr	170mtr	170mtr
LED Pitch	27 mm		
Storage Temperature	-30° C to 70° C		
Operating Temperature	-25° C to 60° C		
Connector	M16 5 & 3 Pin Connector		
Color Rendering Index	≥80		
Mounting Options	Bracket		
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 p/m	4.2 Kg		
Warranty	3 Years		
Protection Rating	IP67		
UV protected	Yes		

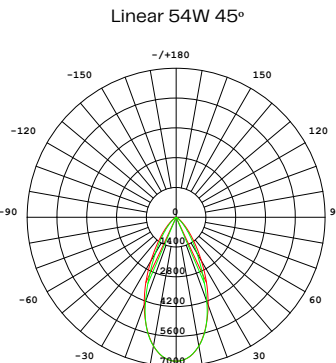
Light distribution



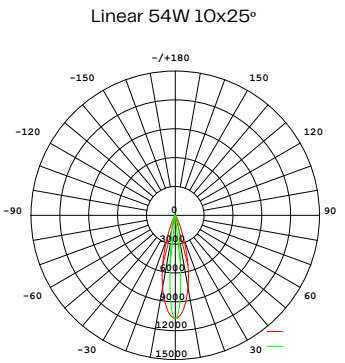
Average Beam angle: 17.6 Deg



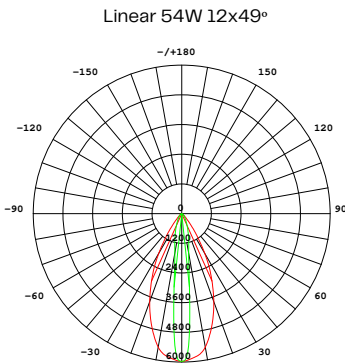
Average Beam angle: 30.2 Deg



Average Beam angle: 48.1 Deg



Average Beam angle: 20.5 Deg



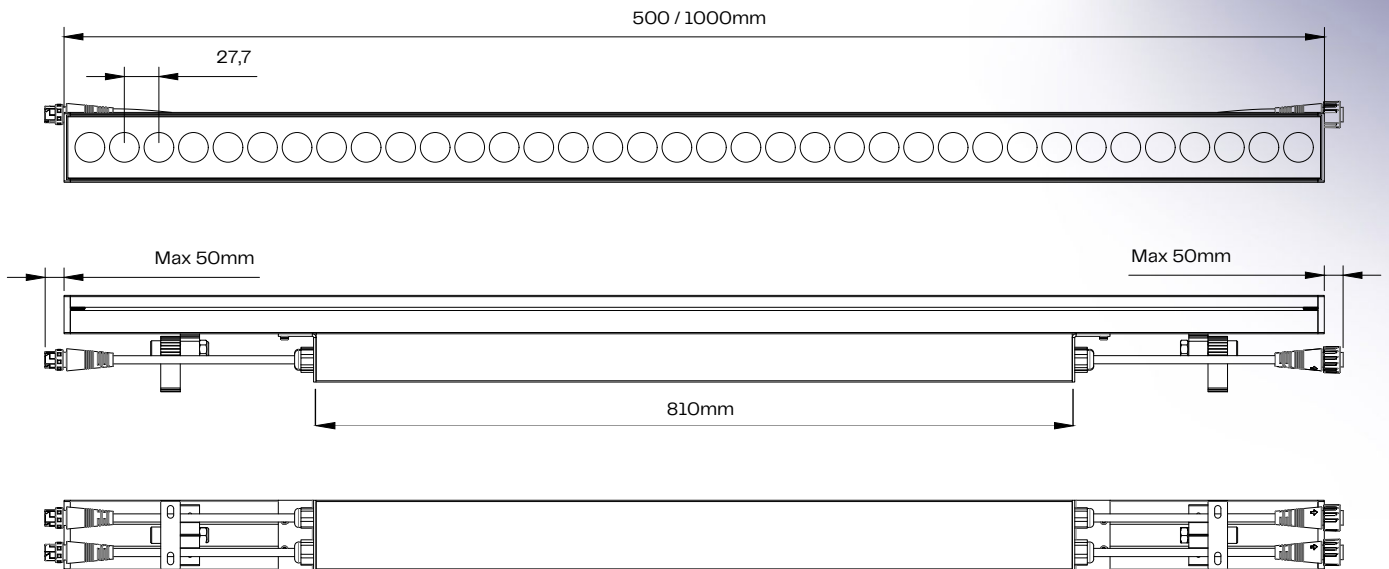
Average Beam angle: 30.1 Deg

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

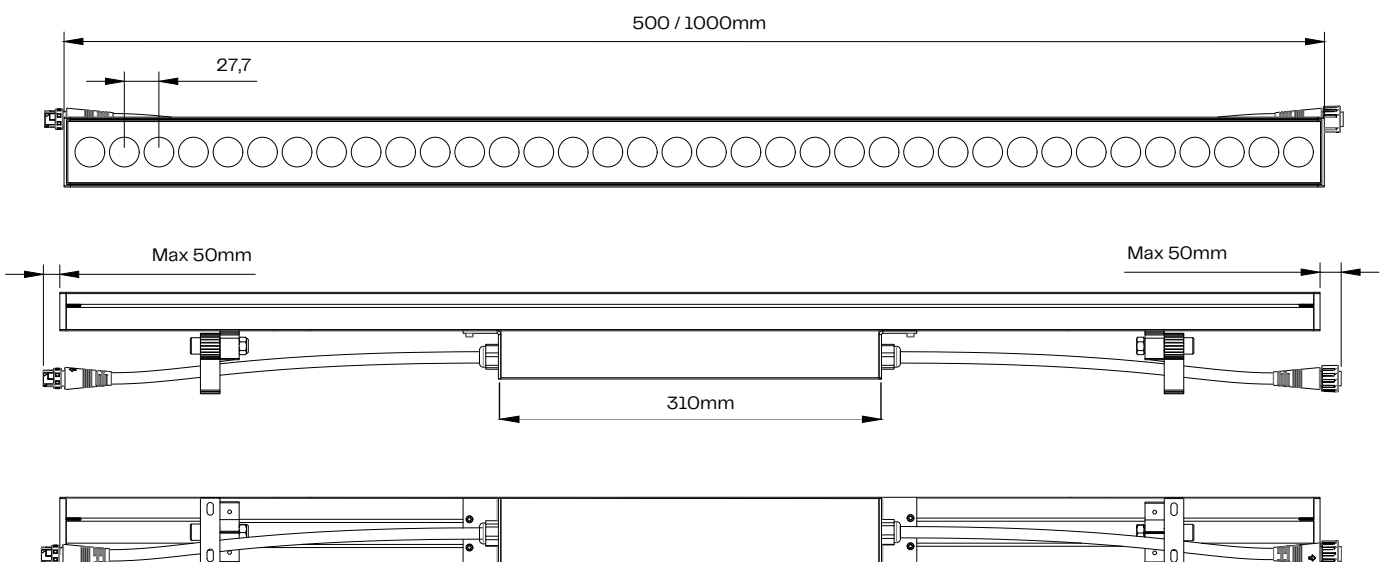
Adj. White	3000K	5500K	Full
15°	2433Lm	2196 Lm	4651Lm
25°	2341Lm	2107Lm	4401Lm
45°	2297Lm	2304Lm	4881Lm
10x25°	2364Lm	2191Lm	4514Lm
12x49°	2205Lm	2017Lm	4255Lm

Single Color	3000K	4000K
15°	4517Lm	4740Lm
25°	4276Lm	4490Lm
45°	5085Lm	5339Lm
10x25°	4529Lm	4755Lm
12x49°	4222Lm	4433Lm

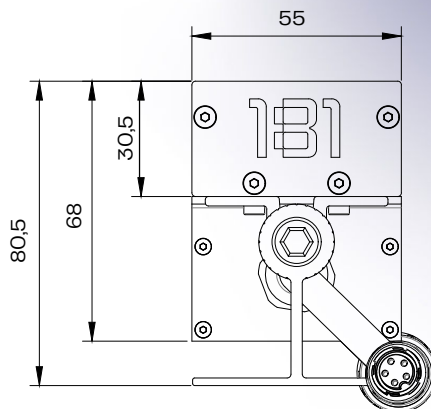
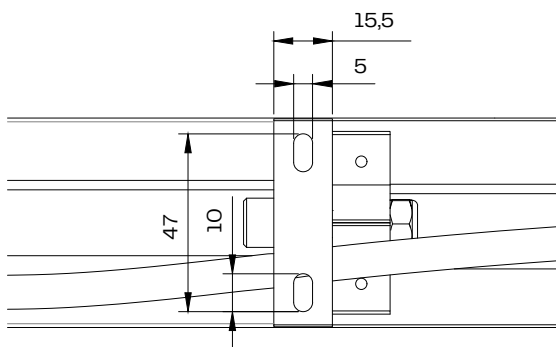
Dimensions Linear G54 230VAC



Dimensions Linear G54 24VDC

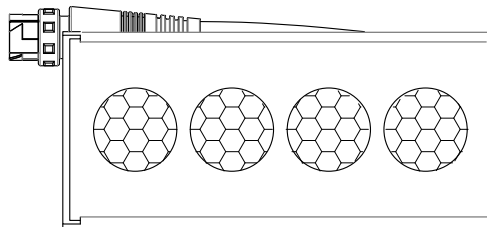


Dimensions Linear G54 and mounting bracket

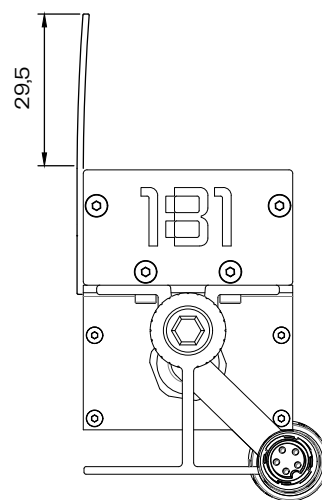


Additional accessories

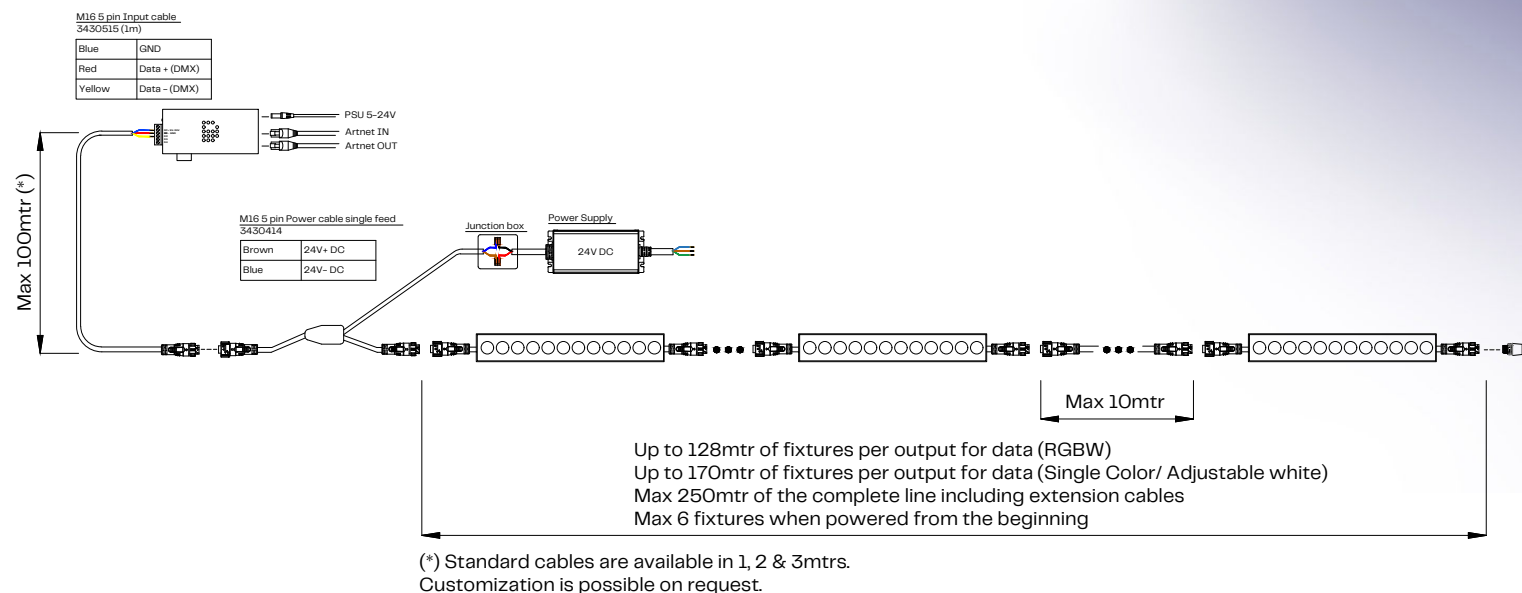
Honeycumb



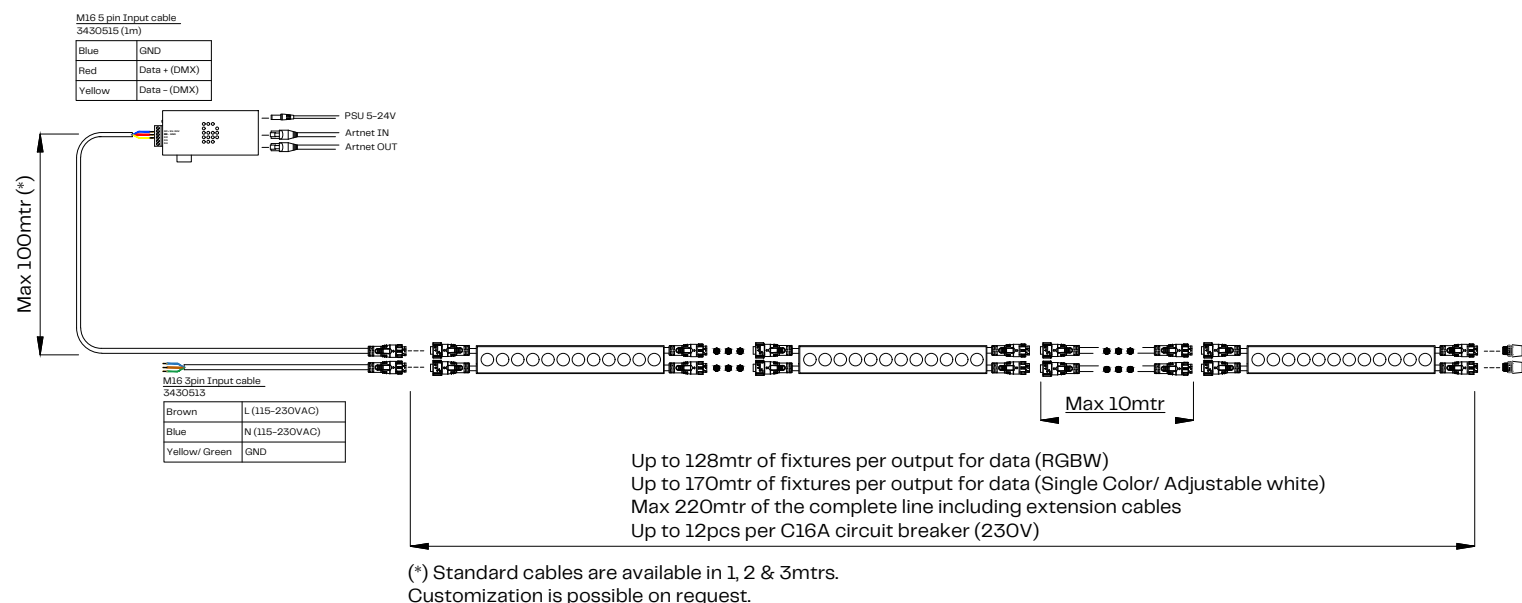
Louver



System diagram Linear 54W 24VDC



System diagram Linear 54W 230VAC

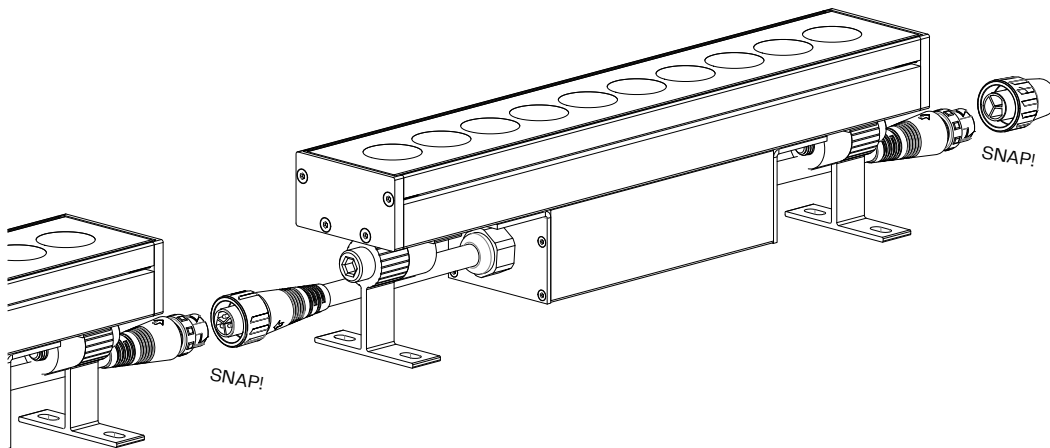
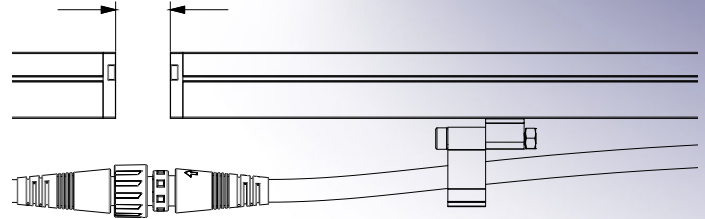


Installation guide

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

