GRAZE DUAL PIXEL RGBW

Dual Bending · Pixel RGBW

Date | Fixture type

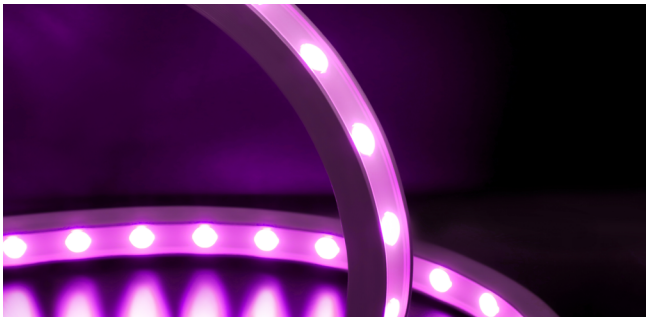
Project name | Project phase

Features

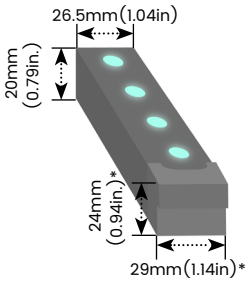
- Top & side-bending flexible grazer with addressable RGBW
- IP67 rated, ideal for outdoor uses
- 3 years warranty

Applications

Front desk, hallways, offices, displays, facades, lobbies, etc.

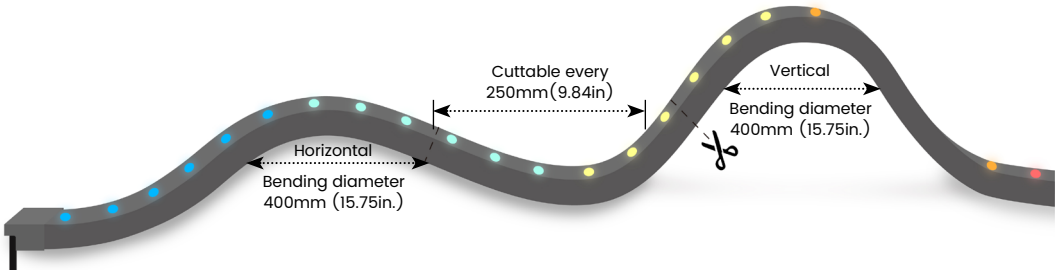


Dimensions



*29 × 24mm (1.14 × 0.94in.) refers to the end cap dimensions.

Bending Directions & Diameters



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
GD35 **GD3045**	**W7**-Wet (IP67)	**24V**-DC24V	**PRGBW27K**-Pixel RGBW2700K **PRGBW30K**-Pixel RGBW3000K **PRGBW35K**-Pixel RGBW3500K **PRGBW40K**-Pixel RGBW4000K	**180**-18W/M	**PEC** Plastic

Assembly Builder

Left Feed Entry		
B Bottom	**OW**	Open wire 300mm (11.81in.)
C Closed	**MC**	Male connector with 300mm (11.81in.) cable
	FC	Female connector with 300mm (11.81in.)cable
	NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry			Length	
B Bottom	**OW**	Open wire 300mm (11.81in.)	**Max. nominal**	5m (16.4ft)
C Closed	**MC**	Male connector with 300mm (11.81in.) cable	**Increment**	250mm (9.84in.)
	FC	Female connector with 300mm (11.81in.)cable		
	NA	Only for Closed Feed Entry		

*We will list the nearest actual manufacturing length on the quotation, based on your requested length.

Mounting Order Code

Product Code
Please select on the Mounting Options page

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Lumen Output (lm/m)

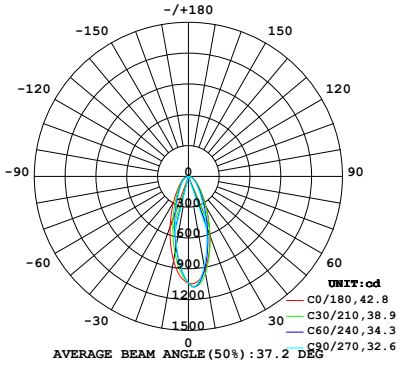
CCT	35°	30*45°
R	135	135
G	330	330
B	65	65
W27K	344	344
W30K	356	356
W35K	365	365
W40K	365	365
PRGBW27K	790	790
PRGBW30K	818	818
PRGBW35K	840	840
PRGBW40K	840	840
Max. Run Length	5m	5m

Techinical Details

Efficacy	45.4lm/W @PRGBW30K 30*45°
CRI	Ra≥80
IC Model	UCS512HE
Pixel/M	4
Pixel Size	250mm/pixel
Storage Temperature	-25°C~ 40°C
Operating Temperature	-25°C~ 40°C

Photometry

GD3045-W7-24V-RGBW27K-180-PEC-B-OW-B-OW
GRAZE DUAL PIXEL RGBW, Dual Bend, 35*45°, RGBW27K, 18W/M

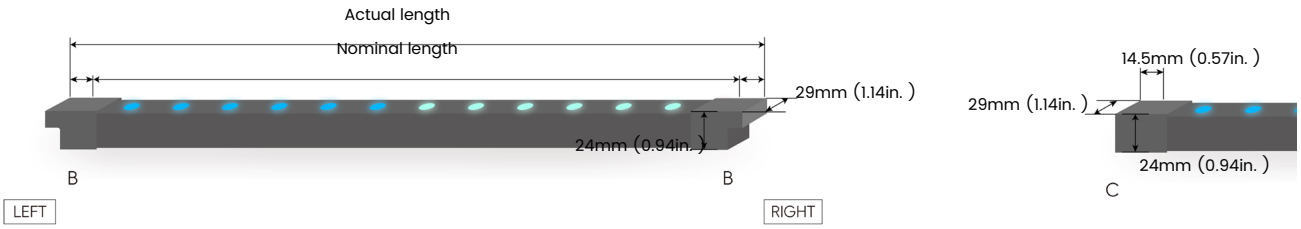


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	435.4	55.0%
0-40	560.1	70.8%
0-60	717.5	90.6%
0-90	785.7	99.2%
0-180	791.7	100.0%

Feed Entry / End Cap Options

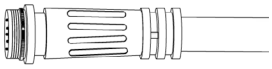
PEC: Plastic end cap – IP67, factory-made only



Connector Wire Options



OW: Open wire, **Dry only**
Standard 300mm (11.81in.),20 AWG,
wire length customizable



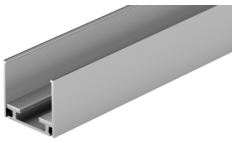
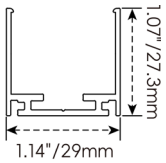
MC: Male connector, **Wet**
Standard 300mm (11.81in.), 20 AWG



FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

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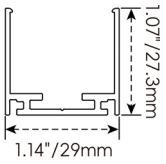
Mounting Options



GD-SC

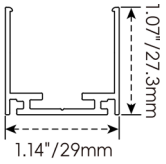
Name	Straight surface channel
Material	Aluminum
Standard Length	955mm (37.6in.)




GD-BCA

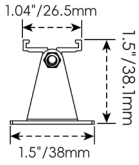
Name	Bendable surface channel
Material	Aluminum
Standard Length	955mm (37.6in.)
Min. Bending Diameter	600mm (23.6in.)



GD-CL

Name	Mounting clip
Material	Aluminum
Standard Length	30mm(1.18in.)



GD-AC

Name	Adjustable clip
Material	Aluminum
Standard Pkg	1pcs
*Must be used with matching channel and mounting clip	

Additional Accessories (Optional, purchase for extra)



MCB-5P-67
Male connector,
300mm (11.81in.) black cable,
5 pin, IP67, Wet, 20 AWG



FCB-5P-67
Female connector,
300mm (11.81in.) black cable,
5 pin, IP67, Wet, 20 AWG

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Drivers

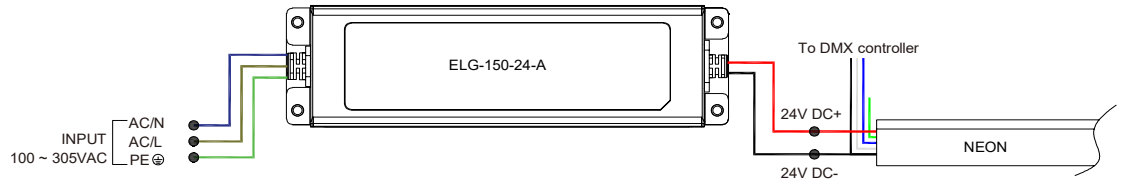
Non-dimmable

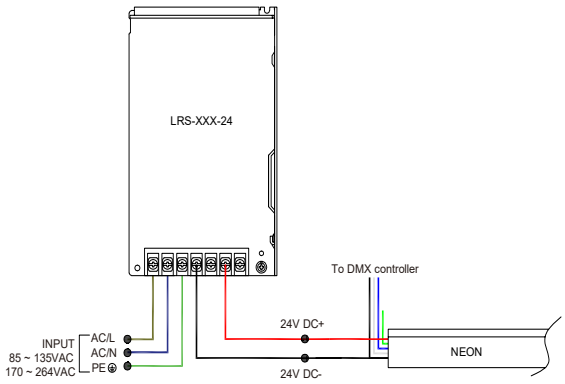
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

DMX-Decoders & Controllers Options

Type	Code	Description	Environment	Size (L x W x H)
Controllers	CW4	1024 DMX channels, 6 scene buttons and a color wheel, ideal for hotels, homes and public	Indoor	145 * 107 * 10 mm
Controllers	Artnet-DMX-8	8 DMX universes, Artnet- to-DMX512 converter with RJ45 port, ideal for lighting control	Indoor	483 * 200 * 44 mm
Controllers	WT-DMX-M	WiFi & RF 3-in-1 DMX512 controller for RGB/RGBW/RGBCCT lighting	Indoor	120 * 43 * 27 mm

Wiring Diagram





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24V Voltage Drop & Maximum Wire Length Chart

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
10W / 0.4A	484.0m	304.5m	191.4m	120.4m	75.5m	47.5m	29.8m	18.5m
20W / 0.8A	242.0m	152.1m	95.7m	60.0m	37.8m	23.7m	14.9m	9.1m
30W / 1.3A	161.2m	101.5m	63.7m	39.9m	24.9m	15.8m	9.7m	6.1m
40W / 1.7A	121.0m	75.9m	47.8m	29.8m	18.9m	11.8m	7.3m	4.5m
50W / 2.1A	96.6m	60.6m	38.1m	24.0m	14.9m	9.4m	5.7m	3.6m
60W / 2.5A	80.4m	50.6m	31.7m	19.8m	12.5m	7.9m	4.8m	3.0m
70W / 2.9A	68.8m	43.2m	27.1m	17.0m	10.6m	6.7m	4.2m	2.4m
80W / 3.3A	60.3m	37.8m	23.7m	14.9m	9.4m	5.7m	3.6m	2.1m
90W / 3.8A	53.6m	33.8m	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m
100W / 4.2A	48.1m	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m
110W / 4.6A	43.8m	27.4m	17.3m	10.6m	6.7m	4.2m	2.7m	1.5m
120W / 5.0A	40.2m	25.3m	15.8m	9.7m	6.1m	3.9m	2.4m	1.5m
130W / 5.4A	37.1m	23.1m	14.6m	9.1m	5.7m	3.6m	2.1m	1.2m
140W / 5.8A	34.4m	21.6m	13.4m	8.5m	5.1m	3.3m	2.1m	1.2m
150W / 6.3A	32.0m	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m
160W / 6.7A	30.1m	18.9m	11.8m	7.3m	4.5m	2.7m	1.8m	0.9m
170W / 7.1A	28.3m	17.6m	10.9m	7.0m	4.2m	2.7m	1.5m	0.9m
180W / 7.5A	26.8m	16.7m	10.3m	6.7m	3.9m	2.4m	1.5m	0.9m
190W / 7.9A	25.3m	15.8m	10.0m	6.0m	3.9m	2.4m	1.5m	0.9m
200W / 8.3A	24.0m	14.9m	9.4m	5.7m	3.6m	2.1m	1.2m	0.9m
210W / 8.8A	22.8m	14.3m	8.8m	5.4m	3.3m	2.1m	1.2m	0.6m
220W / 9.2A	21.9m	13.7m	8.5m	5.4m	3.3m	2.1m	1.2m	0.6m
230W / 9.6A	21.0m	13.1m	8.2m	5.1m	3.0m	1.8m	1.2m	0.6m
240W / 10.0A	20.1m	12.5m	7.9m	4.8m	3.0m	1.8m	1.2m	0.6m
250W / 10.4A	19.2m	12.1m	7.6m	4.5m	2.7m	1.8m	0.9m	0.6m