GRAZE DUAL RGBW

Dual Bending · RGBW

Date | Fixture type

Project name | Project phase

Features

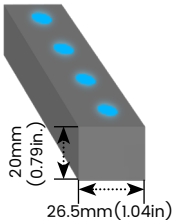
- Top & side bending flexible grazer, with changeable RGBW colors
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

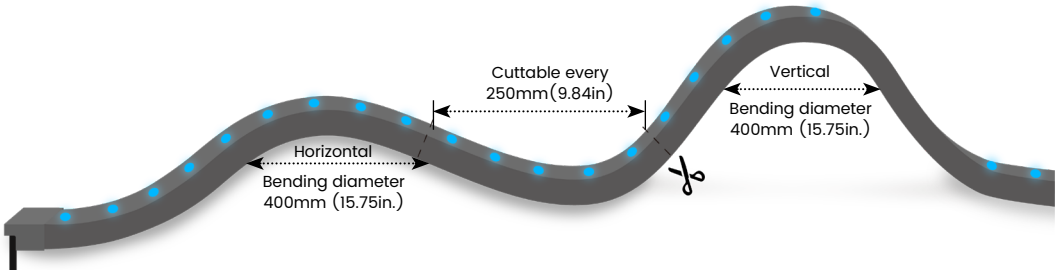
Front desk, hallways, offices, displays, facades, lobbies, etc.



Dimensions



Bending Directions & Diameters



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
GD35 **GD3545**	**W7**-Wet (IP67)	**24V**-DC24V	**RGBW27K**-RGBW2700K **RGBW30K**-RGBW3000K **RGBW35K**-RGBW3500K **RGBW40K**-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		
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

Length	
Max. nominal	5m (16.4ft)
Increment	250mm (9.84in.)

Mounting Order Code

Product Code
Please select on the Mounting Options page

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

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Lumen Output (lm/m)

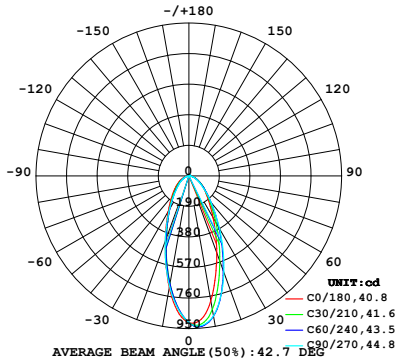
CCT	35°	35*45°
R	140	140
G	340	340
B	64	64
W27K	360	360
W30K	380	380
W35K	390	390
W40K	390	390
RGBW27K	835	835
RGBW30K	860	860
RGBW35K	880	880
RGBW40K	880	880
Max. Run Length	5m	5m

Techinical Details

Efficacy	47.8lm/W @RGBW30K 35°
CRI	Ra≥80
LED MacAdam	3 steps
Storage Temperature	-25°C~ 40°C
Operating Temperature	-25°C~ 40°C

Photometry

GD35-W7-24V-RGBW27K-180-PEC-B-OW-B-OW
GRAZE DUAL RGBW, Dual Bend, 35*45°, RGBW27K, 18W/M

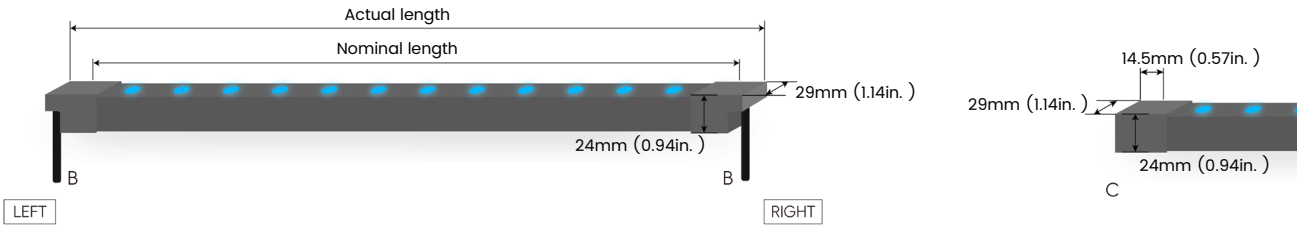


Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	431.7	51.6%
0-40	573.4	68.5%
0-60	754.5	90.2%
0-90	830.3	99.3%
0-180	836.6	100.0%

Feed Entry / End Cap Options

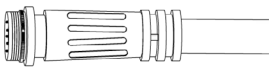
PEC: Plastic end cap – IP67, factory-made only



Connector Wire Options



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



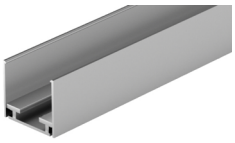
MC: Male connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

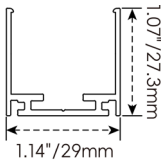


FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

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Mounting Options



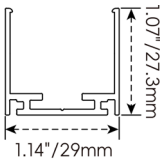




GD-SC

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





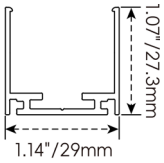




GD-BCA

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



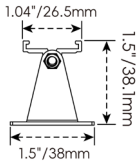




GD-CL

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

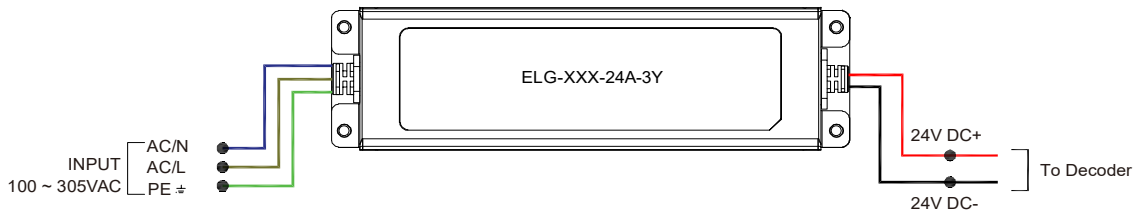
Non-dimmable

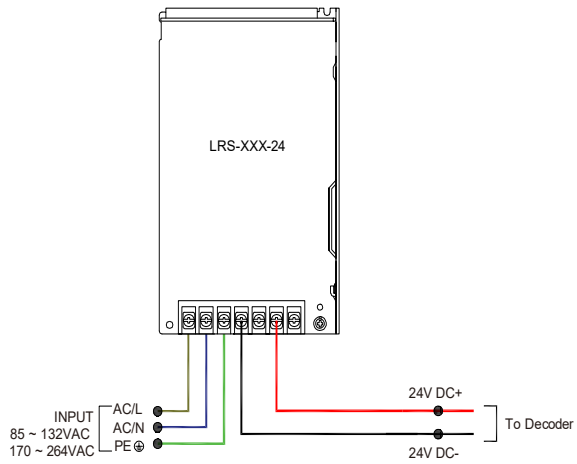
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24A-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm
LRS-150-24	150W	85-132VAC / 170-264VAC	24V	Dry	159 * 97 * 30 mm

DMX-Decoders & Controllers Options

Type	Code	Description	Environment	Size (L x W x H)
DMX Decoders	D4-F	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175 * 42 * 33 mm
Controllers	EX4S	512 DMX channels	Indoor	86 * 86 * 36 mm
Power Repeaters	LT-3040-5A	4 channels output, Max. 5A current per channel, up to 480W output power	Indoor	175 * 44 * 30 mm
Signal Amplifier	LT-123	DMX(485) signal amplifier, 1 input / 3 outputs	Indoor	192 * 80 * 41 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