GRAZE DUAL RGB

Dual Bending · RGB

Features

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

Date | Fixture type

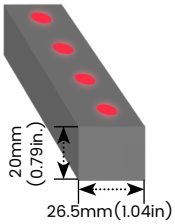
Project name | Project phase

Applications

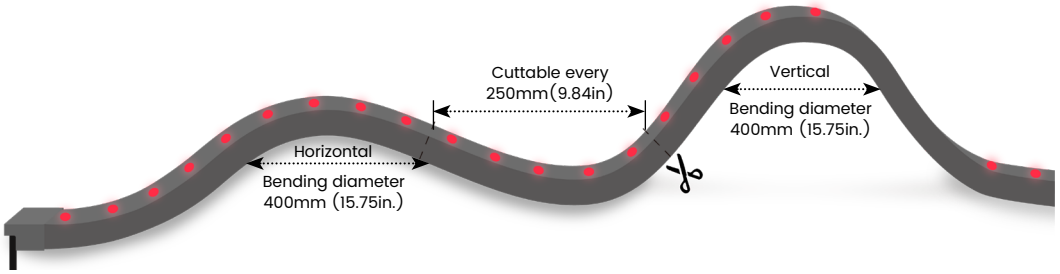
Front desk, hallways, offices, displays, facades, lobbies, etc.



Dimensions



Bending Directions & Diameters



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
GD35 **GD3045**	**W7**-Wet (IP67)	**24V**-DC24V	**RGB**-RGB	**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)

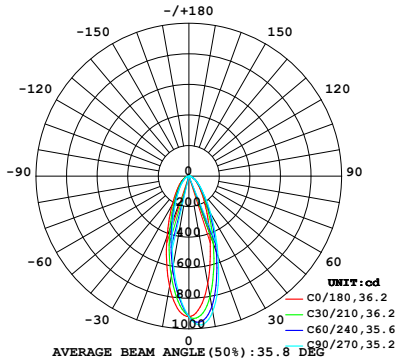
CCT	35°	30*45°
R	165	165
G	435	435
B	65	65
RGB	650	650
Max. Run Length	5m	5m

Techinical Details

Efficacy	36.1lm/W @RGB 35°
Storage Temperature	-25°C~ 40°C
Operating Temperature	-25°C~ 40°C

Photometry

GD35-W7-24V-RGB-180-PEC-B-OW-B-OW
GRAZE DUAL, Dual Bend, 30°, 3000K, 18W/M

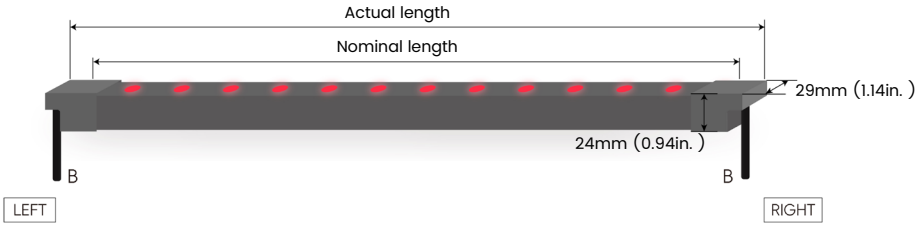


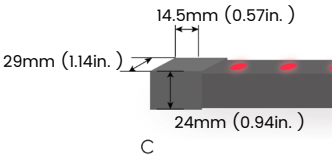
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	377.0	57.8%
0-40	478.8	73.5%
0-60	599.1	91.9%
0-90	647.0	99.3%
0-180	651.8	100.0%

Feed Entry / End Cap Options

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

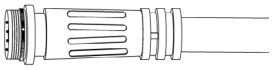




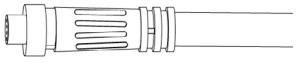
Connector Wire Options



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



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

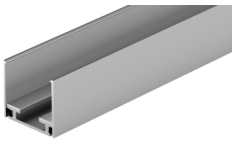


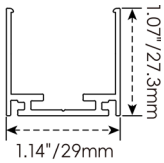
FC: Female connector, **Wet**
Standard 300mm (11.81in.), 20 AWG

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Mounting Options



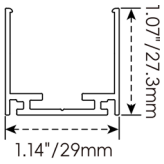




GD-SC

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





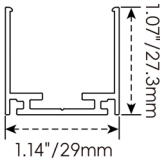




GD-BCA

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



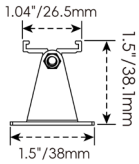




GD-CL

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-4P-67
Male connector,
300mm (11.81in.) black cable,
4 pin, IP67, Wet, 20 AWG



FCB-4P-67
Female connector,
300mm (11.81in.) black cable,
4 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

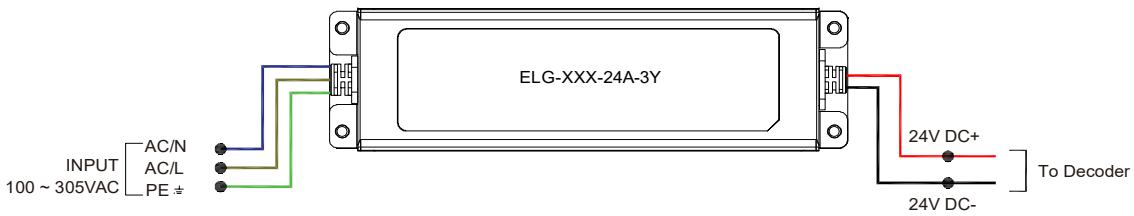
DALI-dimmable

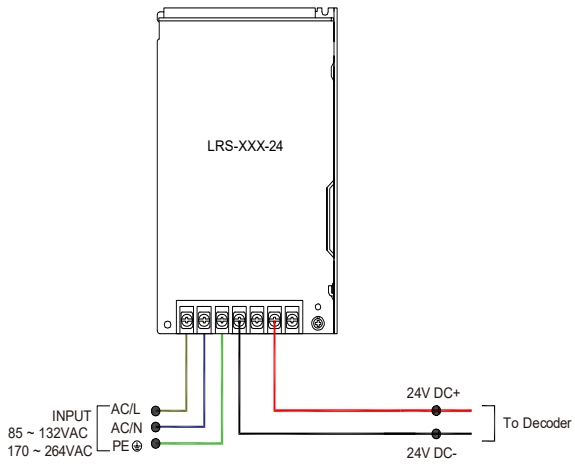
Code	Max Load	Input	Output	Environment	Size (L x W x H)
ELG-150-24DA-3Y	150W	100-305VAC	24V	Dry/Damp/IP67	219 * 63 * 35.5 mm

DMX-Decoders & Controllers Options

Type	Code	Description	Environment	Size (L x W x H)
DMX Decoders	D3-F	3 channels output, Max. 6A current per channel, up to 432W output power	Indoor	175 * 42 * 33 mm
Controllers	EX4S	512 DMX channels	Indoor	86 * 86 * 36 mm
Power Repeaters	LT-3030-6A	3 channels output, Max. 6A current per channel, up to 432W 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