GRAZE DUAL RGB

Dual Bending · RGB

Date | Fixture type

Project name | Project phase

Features

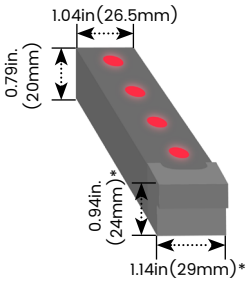
- Top & side bending flexible grazer, with changeable RGB colors
- IP67 rated, ideal for outdoor uses
- 5 years warranty

Applications

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

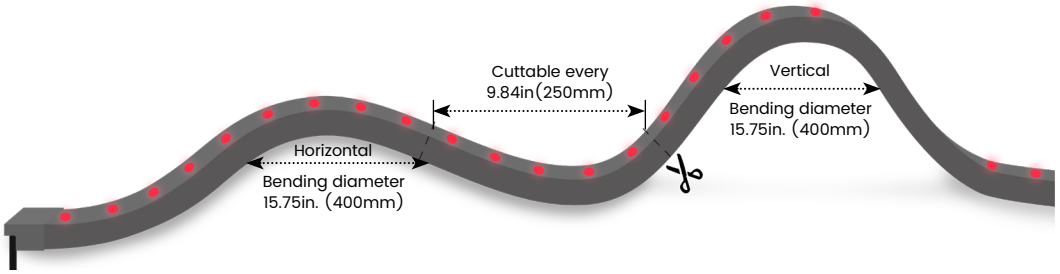


Dimensions



*1.14 × 0.94in. (29 × 24mm) 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	**RGB**-RGB	**5.5**-5.49W/ft	**PEC** Plastic

Assembly Builder

Left Feed Entry		
B Bottom	**OW**	Open wire 3.28ft (1m)
C Closed	**MC**	Male connector with 11.81in. (300mm) cable
	FC	Female connector with 11.81in. (300mm)cable
	NA	Only for Closed Feed Entry

Assembly Builder

Right Feed Entry		
B Bottom	**OW**	Open wire 3.28ft (1m)
C Closed	**MC**	Male connector with 11.81in. (300mm) cable
	FC	Female connector with 11.81in. (300mm)cable
	NA	Only for Closed Feed Entry

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

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/ft)

CCT	35°	30*45°
R	50	50
G	133	133
B	20	20
RGB	198	198
Max. Run for Class 2*	14.6ft (4.5m)	14.6ft (4.5m)
Max. Run Supported Length	16.4ft (5m)	16.4ft (5m)

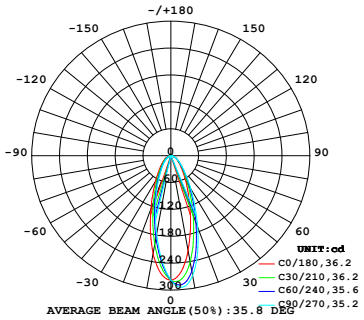
*Typically installations in USA and Canada comply with Class 2 requirements

Techinical Details

Efficacy	36lm/W @RGB 35°
Storage Temperature	-13°F~104°F (-25°C~ 40°C)
Operating Temperature	-13°F~104°F (-25°C~ 40°C)

Photometry

GD35-W7-24V-RGB-5.5-PEC-B-OW-B-OW
GRAZE DUAL, Dual Bend, 30°, 3000K, 5.49W/ft

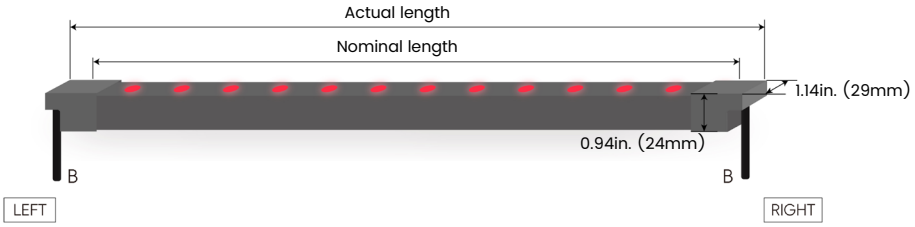


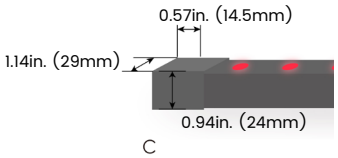
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	113.7	57.8%
0-40	144.4	73.5%
0-60	180.7	91.9%
0-90	195.2	99.3%
0-180	196.6	100.0%

Feed Entry / End Cap Options

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

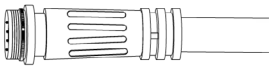




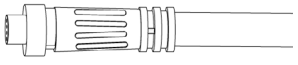
Connector Wire Options



OW: Open wire, **Dry only**
Standard 3.28ft (1m),20 AWG,
wire length customizable



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

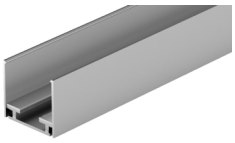


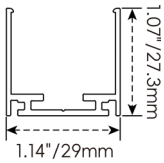
FC: Female connector, **Wet**
Standard 11.81in. (300mm), 20 AWG

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Mounting Options



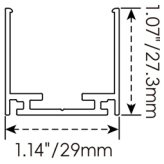




GD-SC

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





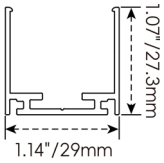




GD-BCA

Name	Bendable surface channel
Material	Aluminum
Standard Length	37.6in. (955mm)
Min. Bending Radius	11.81in. (300mm)



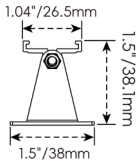




GD-CL

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







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,
11.81in. (300mm) black cable,
4 pin, IP67, Wet, 20 AWG



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

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Drivers

Non-dimmable

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (155 x 54 x 20mm)
KV-24060-ASW	60W	100-277VAC	24V	Yes	No	Dry/Damp	7 x 2.4 x 0.9in. (178 x 61 x 24mm)
KV-24096-ASW	96W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (230 x 70 x 43mm)

DMX-dimmable

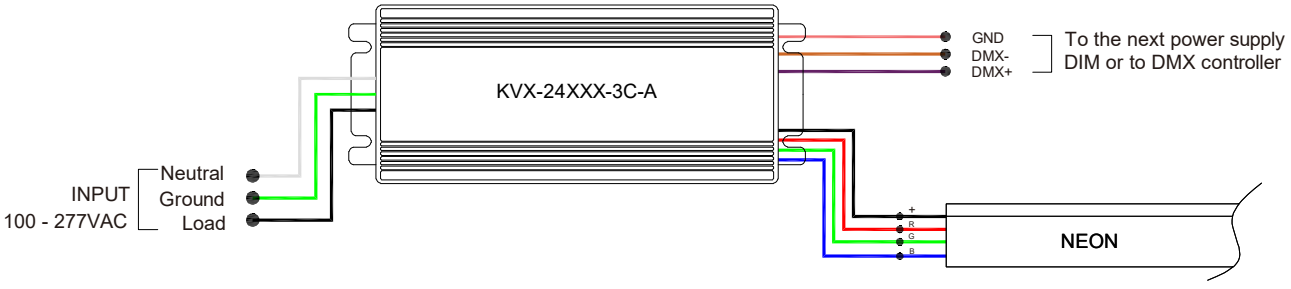
Code	Max Load	Input	Output	Class 2	Environment	Size (L x W x H)
KVX-24096-3C-A	96W	100-277VAC	24V	Yes	Dry/Damp/Wet	9.05 × 3.07 × 0.98 in. (230 × 78 × 25 mm)
KVX-24150-3C-A	150W	100-277VAC	24V	No	Dry/Damp/Wet	10.90 × 3.07 × 0.98 in. (277 × 78 × 25 mm)
KVX-24200-3C-A	200W	100-277VAC	24V	No	Dry/Damp/Wet	10.90 × 3.07 × 0.98 in. (277 × 78 × 25 mm)
KVX-24300-3C-A	300W	100-277VAC	24V	No	Dry/Damp/Wet	11.85 × 3.07 × 0.98 in. (301 × 78 × 25 mm)

DMX-Decoders & Controllers Options

Type	Code	Description	Size (L x W x H)
DMX-Decoders	LT-903	3 channels output, up to 576W output power	4.80 × 4.33 × 1.46 in. (122 × 110 × 37 mm)
DMX-Decoders	LT-912	12 channels output, up to 1152W output power	7.09 × 4.80 × 1.54 in. (180 × 122 × 39 mm)
DMX-Decoders	LT-924	24 channels output, up to 1728W output power	11.81 × 4.80 × 1.54 in. (300 × 122 × 39 mm)
Controllers	DINA-DR micro	DMX 60 channels stand-alone controller with 10 scenes and USB programming	2.05 × 1.14 × 0.94 in. (52 × 29 × 24 mm)
Controllers	SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes	3.03 × 3.43 × 1.57 in. (77 × 87 × 40 mm)
Controllers	STICK-CW4	DMX 1024 channels controller with 36 scenes and 6 touch buttons	4.17 × 5.75 × 0.39 in. (106 × 146 × 10 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	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
20W / 0.8A	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
30W / 1.3A	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
40W / 1.7A	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
50W / 2.1A	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
60W / 2.5A	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
70W / 2.9A	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
80W / 3.3A	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
90W / 3.8A	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
100W / 4.2A	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
110W / 4.6A	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
120W / 5.0A	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
130W / 5.4A	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
140W / 5.8A	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
150W / 6.3A	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
160W / 6.7A	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
170W / 7.1A	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
180W / 7.5A	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
190W / 7.9A	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
200W / 8.3A	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
210W / 8.8A	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
220W / 9.2A	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
230W / 9.6A	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
240W / 10.0A	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
250W / 10.4A	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)