GRAZE DUAL PIXEL RGBW

Dual Bending · Pixel RGBW

Features

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

Date

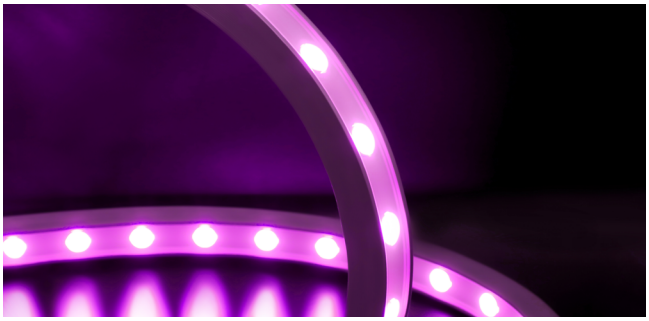
Fixture type

Project name

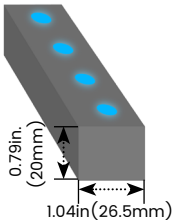
Project phase

Applications

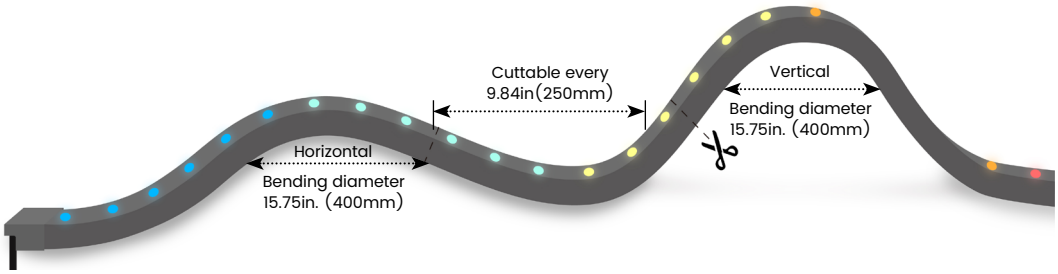
Front desk, hallways, offices, displays, facades, lobbies, etc.



Dimensions



Bending Directions & Diameters



Order Code

Model	Environment	Voltage	CCT	Power	End Cap
GD35 **GD3045**	**W7**-Wet (IP67)	**24V**-DC24V	**PRGBW27K**-Pixel RGBW2700K **PRGBW30K**-Pixel RGBW3000K **PRGBW35K**-Pixel RGBW3500K **PRGBW40K**-Pixel RGBW4000K	**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				Length	
B	Bottom	**OW**	Open wire 3.28ft (1m)	**Max. nominal**	16.4ft (5m)
C	Closed	**MC**	Male connector with 11.81in. (300mm) cable	**Increment**	9.84in. (250mm)
		FC	Female connector with 11.81in. (300mm)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/ft)

CCT	35°	30*45°
R	41	41
G	101	101
B	20	20
W27K	105	105
W30K	109	109
W35K	111	111
W40K	111	111
PRGBW27K	241	241
PRGBW30K	249	249
PRGBW35K	256	256
PRGBW40K	256	256
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

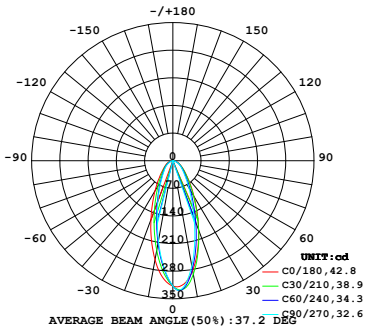
Techinical Details

Efficacy	45lm/W @PRGBW30K 30*45°
CRI	Ra≥80
IC Model	UCS512HE
Pixel Size	9.8in./pixel (250mm/pixel)
Storage Temperature	-13°F~104°F (-25°C~ 40°C)
Operating Temperature	-13°F~104°F (-25°C~ 40°C)

Photometry

GD3045-W7-24V-RGBW27K-5.5-PEC-B-OW-B-OW

GRAZE DUAL PIXEL RGBW, Dual Bend, 35*45°, RGBW27K, 5.49W/ft

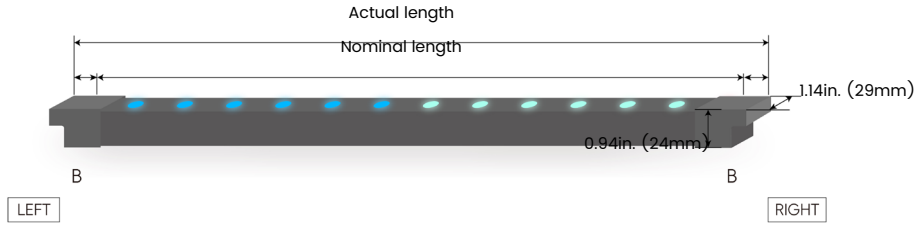


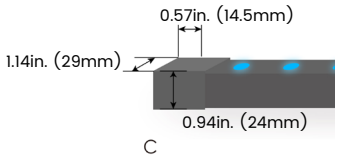
Zonal Lumen Summary

Zone	Lumen	% Fixture
0-30	133.0	55.0%
0-40	171.2	70.8%
0-60	219.3	90.6%
0-90	240.1	99.2%
0-180	241.9	100.0%

Feed Entry / End Cap Options

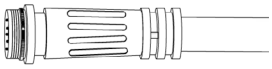
PEC: Plastic end cap – IP67, factory-made only



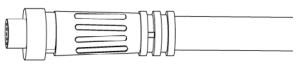


Connector Wire Options

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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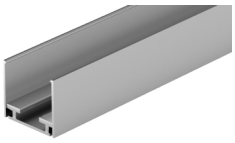
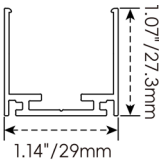
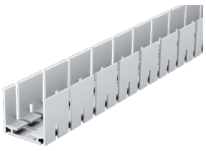
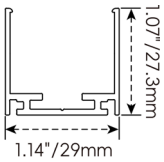
Mounting Options

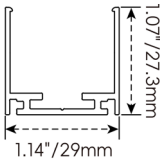
GD-SC

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

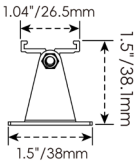
GD-BCA

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

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

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Drivers

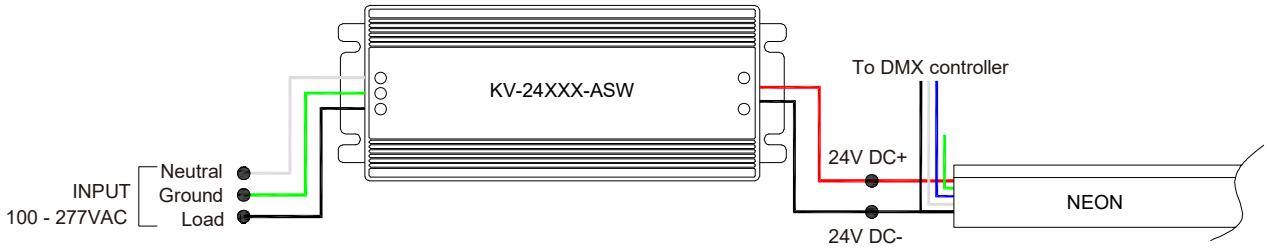
Non-dimmable

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 × 54 × 20 mm)
KV-24060-ASW	60W	100-277VAC	24V	Yes	No	Dry/Damp	7 x 2.4 x 0.9in. (178 × 61 × 24 mm)
KV-24096-ASW	96W	100-277VAC	24V	Yes	No	Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (230 × 70 × 43 mm)

Controllers Options

Code	Description
DINA-DR micro	DMX 60 channels, DMX Stand Alone controller with 10 scenes, USB connectivity for programming
SLESA-U9	DMX 256 channels, USB connection, standalone mode with 1 area and 20 scenes
STICK-GA2	DMX 512 channels, ready to use (pre-loaded with 8 scenes and 170 RGB fixtures)
STICK-CW4	DMX 1024 channels, up to 36 scenes stored and directly recalled via 6 touch sensitive buttons

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)