

Beamever

GRAZE DUAL PIXEL RGBW

Designer's Custom Playground

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

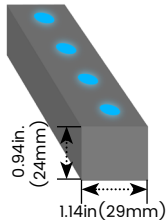
Project name

Project phase

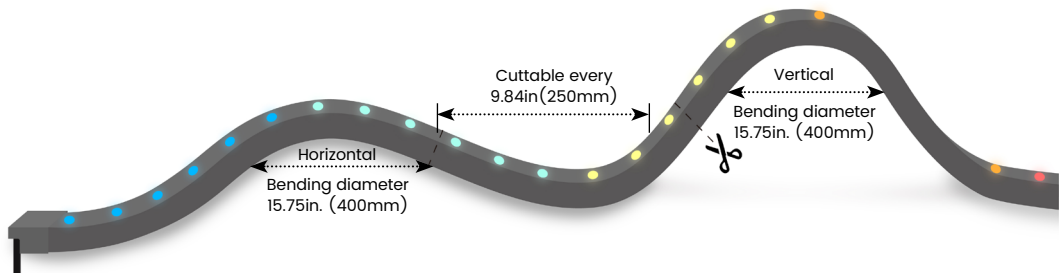
Applications

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

Dimensions



Bending Directions & Diameters



Order Code

Model	Environment	Voltage	CCT	Power	End Cap	Left Feed Entry		
GD35	W7-Wet (IP67)	24V-DC24V	PRGBW27K-Pixel RGBW2700K	5.5-5.49W/ft	PEC Plastic	B	Bottom	OW Open wire 3.28ft (1m)
GD3045			PRGBW30K-Pixel RGBW3000K			C	Closed	MC Male connector with 11.81in. (300mm) cable
			PRGBW35K-Pixel RGBW3500K					FC Female connector with 11.81in. (300mm)cable
			PRGBW40K-Pixel RGBW4000K					NA Only for Closed Feed Entry

Assembly Builder

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		

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	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)

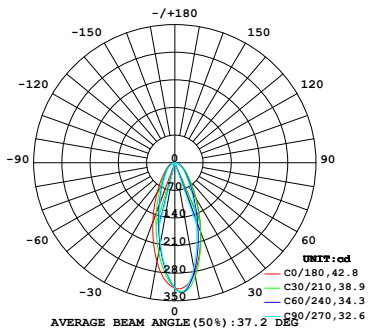
*Typically installations in USA and Canada comply with Class 2 requirements

Technical 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

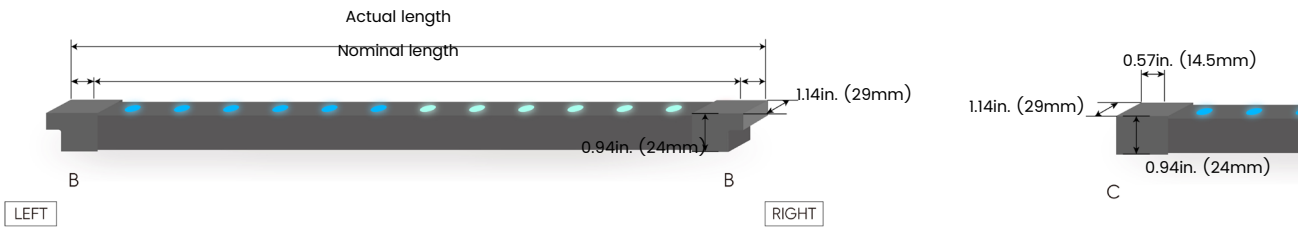
GD3045-W7-24V-RGBW27K-5.5-PEC-B-OW-B-OW
GRAZE DUAL PIXEL RGBW, Dual Bend, 35°45°, RGBW27K, 5.49W/ft



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



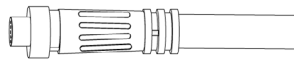
Connector Wire Options



OW: Open wire, **Dry only**
Standard 11.8in. (300mm), 20 AWG,
wire length customizable



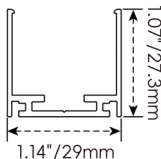
MC: Male connector, **Wet**
Standard 11.8in. (300mm), 20 AWG



FC: Female connector, **Wet**
Standard 11.8in. (300mm), 20 AWG

Mounting Options



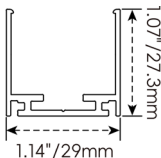




GD-SC

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



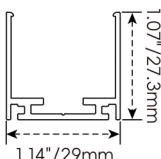




GD-BCA

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



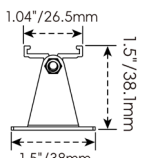




GD-CL

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







GD-AC

Name	Adjustable clip
Material	Aluminum
Standard Pkg	1pcs

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

Drivers

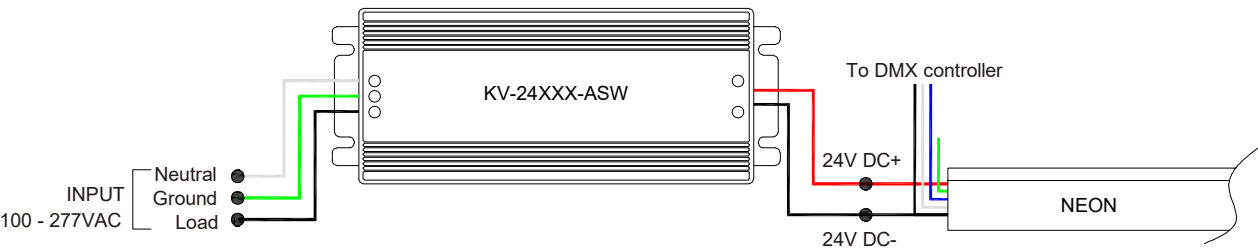
Non-dimmable

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



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)