# GRAZE DUAL TW

Dual Bending · Tunable White

Date | Fixture type

Project name | Project phase

## Features

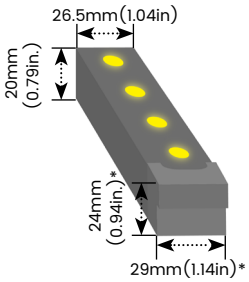
- Top & side-bending flexible grazer, tunable white 2700K to 6500K
- IP67 rated, ideal for outdoor uses
- 5 years warranty

## Applications

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

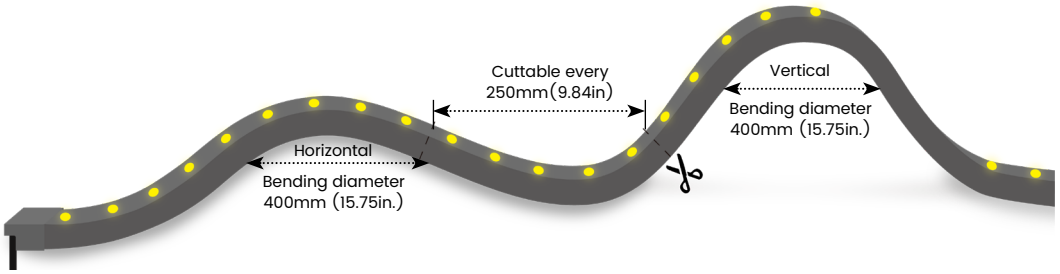


## Dimensions




*29 × 24mm (1.14 × 0.94in.) refers to the end cap dimensions.

## Bending Directions & Diameters




## Order Code

| Model | Environment | Voltage | CCT | Power | End Cap |
|---|---|---|---|---|---|
| **GD15**<br>**GD30**<br>**GD50**<br>**GD2055** | **W7**-Wet (IP67) | **24V**-DC24V | **27K65K**-2700K+6500K | **240**-24W/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.) |

*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)

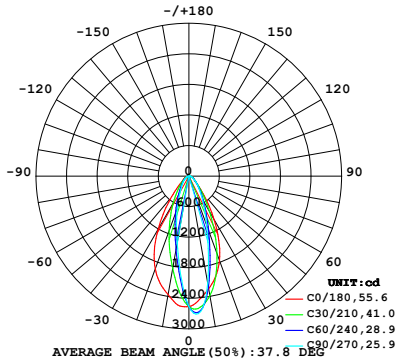
| CCT | 15° | 30° | 50° | 20*55° |
|---|---|---|---|---|
| 2700K | 900 | 900 | 900 | 900 |
| 6500K | 920 | 920 | 920 | 920 |
| 2700K+6500K | 1800 | 1800 | 1800 | 1800 |
| Max. Run Length | 5m | 5m | 5m | 5m |

## Techinical Details

| | |
|---|---|
| Efficacy | 75lm/W @2700K+6500K 30° |
| CRI | Ra≥80 |
| Storage Temperature | -25°C~ 40°C |
| Operating Temperature | -25°C~ 40°C |

## Photometry

GD30-W7-24V-27K65K-240-PEC-B-OW-B-OW
GRAZE DUAL TW, Dual Bend, 30°, 2700K+6500K, 24W/M

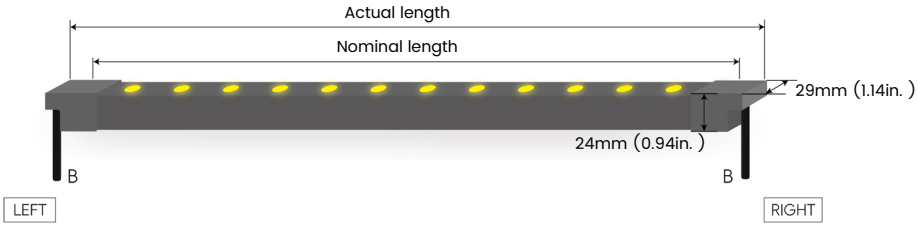


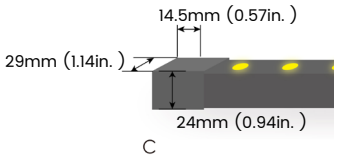

Zonal Lumen Summary

| Zone | Lumen | % Fixture |
|---|---|---|
| 0-30 | 1153.0 | 64.0% |
| 0-40 | 1416.0 | 78.6% |
| 0-60 | 1688.0 | 93.7% |
| 0-90 | 1786.0 | 99.1% |
| 0-180 | 1802.0 | 100.0% |

## Feed Entry / End Cap Options

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

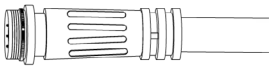


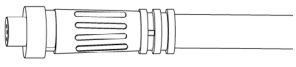

## Connector Wire Options



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

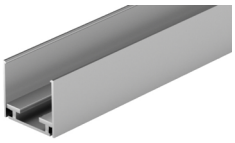
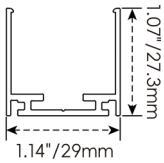


**MC:** Male connector, **Wet**
Standard 300mm (11.81in.), 20 AWG



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

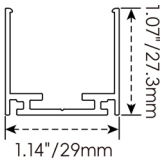
## Mounting Options



**GD-SC**

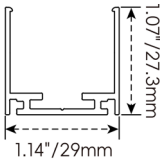
| | |
|---|---|
| Name | Straight surface channel |
| Material | Aluminum |
| Standard Length | 955mm (37.6in.) |




**GD-BCA**

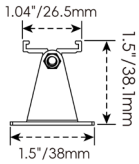
| | |
|---|---|
| Name | Bendable surface channel |
| Material | Aluminum |
| Standard Length | 955mm (37.6in.) |
| Min. Bending Diameter | 600mm (23.6in.) |



**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-3P-67**
Male connector,
300mm (11.81in.) black cable,
3 pin, IP67, Wet, 20 AWG



**FCB-3P-67**
Female connector,
300mm (11.81in.) black cable,
3 pin, IP67, Wet, 20 AWG

# GRAZE DUAL TW

Dual Bending · Tunable White

## 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 |

### 0-10V Dimmable

| Code | Max Load | Input | Output | Environment | Size (L x W x H) |
|---|---|---|---|---|---|
| LM-100-24-G2A2 | 100W | 220-240VAC | 24V | Dry | 293 *43 *30mm |

### DALI-dimmable

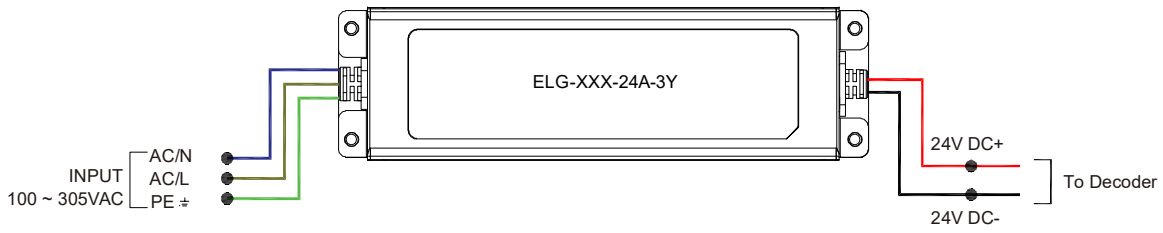
| Code | Max Load | Input | Output | Environment | Size (L x W x H) |
|---|---|---|---|---|---|
| LM-100-24-G2D2 | 100w | 220-240VAC | 24V | Dry | 293 *43 *30mm |

### Controller Options

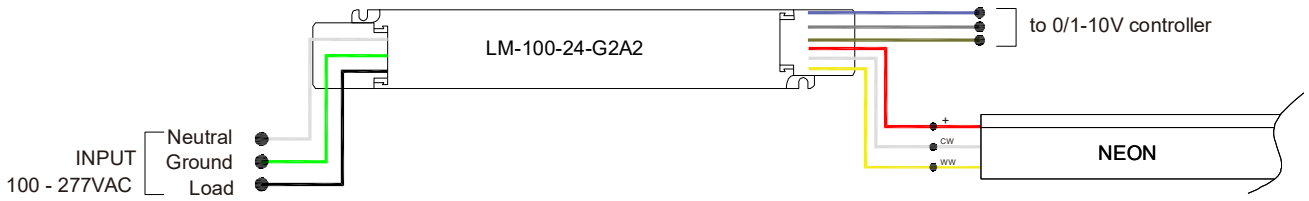
| Type | Code | Description | Environment | Size (L x W x H) |
|---|---|---|---|---|
| Controllers | M2+M3-3A | 3 channels output, Max. 3A current per channel, up to 216W output power | Indoor | 135 * 30 * 20 mm |

## Wiring Diagram

### Non-dimmable




### 0-10V Dimmable




### DALI-dimmable



## 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 |