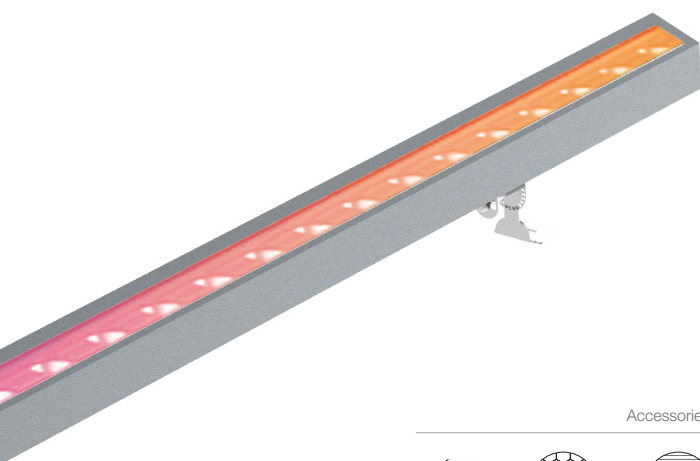




# WL38SG IP66 IK06

LINEAR GRAZER LUMINAIRE



Accessories



Anti-glare Baffle

Anti-glare Louvre

Anti-glare Micro Louvre

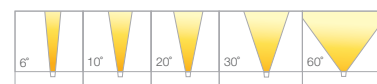
|                       |  |
|-----------------------|--|
| Profile Type          | 38mm width 6063 aluminium linear profile                                   |
| Profile Finishing     | Powder coating   |
| Cover                 | Clear  |
| Light Uniformity      | Dot Visible  |
| Mounting              | Adjustable mounting bracket  |
| Beam Angle            | 6°, 10°, 20°, 30°, 60°<br>with beam angle diagrams of front and side views |
| Compatible LED Module | - (non modular)  |
| CRI                   | High Efficiency (CRI~85)   |
| SDCM                  | 3 step MacAdam ellipse binning   |
| Lifetime              | Up to 50,000 hours L80 lamp life at Ta = 25°C                              |
| Voltage               | 24V DC   |
| Maximum Power         | 48W/m  |
| CCT Options           | 2700K, 3000K, 3500K, 4000K, 5000K  |
| Accessories           | Micro-louvre   |
| Length Options        | 300mm, 500mm, 1000mm   |
| Operating Temperature | Ta (min) = -35°C, Ta (max) = +60°C   |
| Wire Connection       | Supplied with insulated IP66 wires and connector at 200mm length           |
| IP Rating             | IP66   |
| IK Rating             | IK06   |
| Profile LOR           | -  |

AVAILABLE OPTIONS

CCT OPTIONS



BEAM ANGLES





## FACADE LIGHTING

### PRODUCT SPECIFICATIONS

|   |   |                            |                            |
|---|---|----------------------------|----------------------------|
| Model   | WL38SG LINEAR GRAZER LUMINAIRE                              |                            |                            |
| Cut Length  | 300mm   | 500mm                      | 1000mm                     |
| Light Source                                      | Fixed CCT LED, RGBW   |                            |                            |
| Colour Temperatures                               | 2700K, 3000K, 3500K, 4000K, 5000K, RGBW(4000K), RGBW(6000K) |                            |                            |
| LED Quantity                                      | 6pcs  | 12pcs                      | 24pcs                      |
| Luminous Flux (48W/m)                             | White 3000K: 900 lm (60°)                                   | White 3000K: 1800 lm (60°) | White 3000K: 3600 lm (60°) |
| Efficacy  | White 3000K: 75lm/W   |                            |                            |
| Beam Angles                                       | 6°, 10°, 20°, 30°, 60°                                      |                            |                            |
| Lens  | Glass with Micro-louvre                                     |                            |                            |
| Housing   | Aluminium   |                            |                            |
| Housing Finish Options                            | Matt Gray (RAL7001), Matt Black (RAL9011)                   |                            |                            |
| Adjustment Options                                | 0 to +90°   |                            |                            |
| Mounting  | Adjustable Mounting Bracket                                 |                            |                            |
| Dimensions (L x W x H, Mounting Bracket included) | 300mm x 38mm x 93mm   | 500mm x 38mm x 93mm        | 1000mm x 38mm x 93mm       |
| Weight  | 0.45kg  | 0.95kg                     | 1.80kg                     |
| Regulatory Listing & Safety Approval              | CE, UKCA, cETLus, FCC, ANSI C136.31-3G                      |                            |                            |
| Operating Temperature                             | -30°C to +50°C  |                            |                            |
| Minimum Starting Temperature                      | -20°C   |                            |                            |
| Environment                                       | Outdoor, IP66, IK06, Coastal Environment (ASTM B117-16)     |                            |                            |
| Humidity  | 85%, non-condensing   |                            |                            |

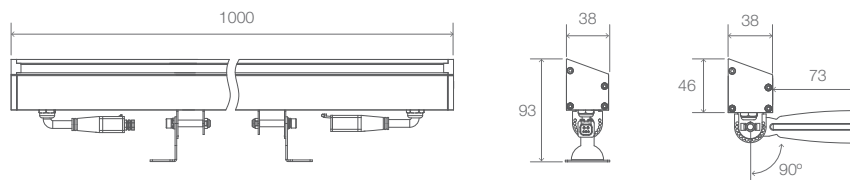
### ELECTRICAL SPECIFICATIONS

|                   |   |       |       |
|-------------------|---|-------|-------|
| Input Voltage     | 24V DC, 48V DC  |       |       |
|                   | 48W per meter   |       |       |
| System Power      | 12W   | 24W   | 48W   |
| LED Power         | 9.6W  | 19.2W | 38.4W |
|                   | 3.4W per 300mm (3.4W per foot model meets ASHRAE 90.1-2022 Zone 3 requirements) |       |       |
| Lumen Maintenance | L80 50000hrs @ 25°C   |       |       |

### SYSTEM SPECIFICATIONS

|              |   |
|--------------|---|
| Power Supply | CE market: LED Engine 24V<br>ETL market: LED Engine 24V (Class 2) |
| Control      | On / Off, DMX512  |

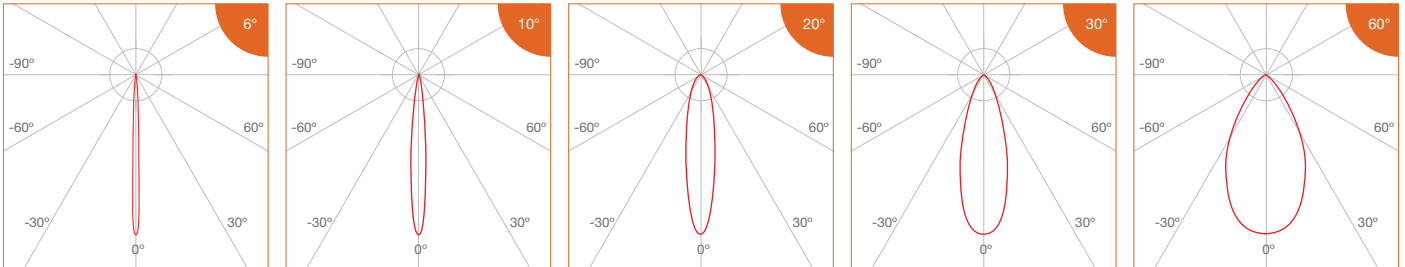
### DIMENSIONS (MM)





## FACADE LIGHTING

### PHOTOMETRICS



### SPECIFICATIONS

- Single CCT

| CCT   | Efficacy (lm/W) | Luminous Flux per meter (lm/m) |      |      |
|-------|-----------------|--------------------------------|------|------|
|       |                 | 12W                            | 24W  | 48W  |
| 2700K | 75.0            | 900                            | 1800 | 3600 |
| 3000K |                 |                                |      |      |
| 3500K |                 |                                |      |      |
| 4000K | 78.8            | 945                            | 1890 | 3780 |
| 5000K |                 |                                |      |      |



## FACADE LIGHTING

### ORDERING MATRIX

| Profile | Input Voltage |             | Finishing |            | Cover |       | Beam Angle |     | Length |        | Accessories |                         | Mounting Bracket Height |      |
|---------|---------------|-------------|-----------|------------|-------|-------|------------|-----|--------|--------|-------------|-------------------------|-------------------------|------|
| WL38SG  | 24            | 24V DC      | GR        | Matt Grey  | C     | Clear | 20         | 20° | 300    | 300mm  | N           | None                    | 45                      | 45mm |
|         | 48            | 48V DC      | MB        | Matt Black |       |       | 30         | 30° | 500    | 500mm  | AGB         | Anti-glare Baffle       | 55                      | 55mm |
|         | AC            | 220-240V AC |           |            |       |       | 40         | 40° | 1000   | 1000mm | AGL         | Anti-glare Louvre       | 75                      | 75mm |
|         |               |             |           |            |       |       | 60         | 60° |        |        | AGM         | Anti-glare Micro Louvre |                         |      |

| LED Module Power & CCT |    |       |        | Ingress Protection |      | Control |     |        |
|------------------------|----|-------|--------|--------------------|------|---------|-----|--------|
| Single CCT             | 48 | 48W/m | 27     | 2700K              | IP66 | IP66    | ND  | On/Off |
|                        |    |       | 30     | 3000K              |      |         | DMX | DMX512 |
|                        |    |       | 35     | 3500K              |      |         |     |        |
|                        |    |       | 40     | 4000K              |      |         |     |        |
|                        |    |       | 50     | 5000K              |      |         |     |        |
| RGBW                   |    |       | RGBW40 | RGBW(4000K)        |      |         |     |        |
|                        |    |       | RGBW60 | RGBW(6000K)        |      |         |     |        |

Example:

WL38SG-AC-GR-C-20-1000-AGB-55-48-30-IP66-DMX

WL38G Grazer Profile, 220-240V AC, Matt Grey, Clear cover, 20°, 1000mm, Anti-glare Baffle, 55mm Height Adjustable Mounting Bracket, 48W/m, 3000K, IP66, DMX512