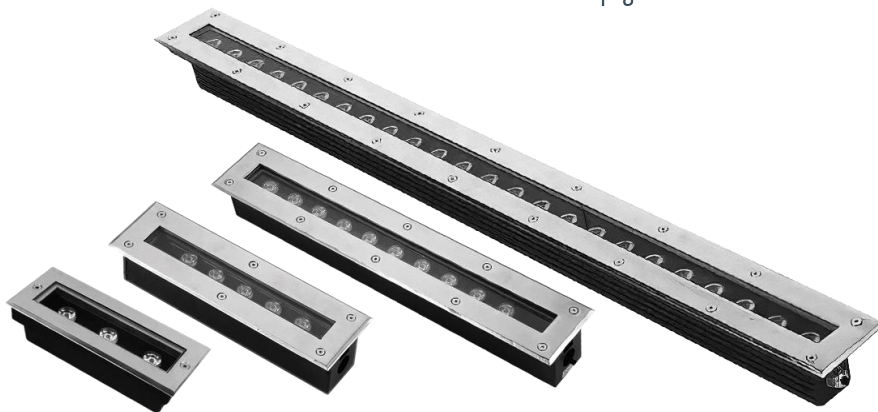




OCTA LIGHT INTERNATIONAL S.J.S.C.

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## LGR 02 Series

### LED Steplight

#### FEATURES

|                         |  |
|-------------------------|--|
| Operating voltage       | 198 - 264 V AC 50/60 Hz (24 V DC Optional) |
| IP rating               | IP65                                       |
| IK rating               | IK08                                       |
| LED package used        | OCTALED                                    |
| Dimmable                | DMX (Optional)                             |
| LED lifetime            | 50 000 h L90B10                            |
| Color rendering index   | Ra>80                                      |
| SDCM (MacAdam)          | <3   |
| Flicker                 | <5%  |
| Power factor            | >0.95                                      |
| Emergency version       | No   |
| Options and accessories | DMX, RGB, RGBA, 24V                        |

#### ADDITIONAL INFORMATION

|                       |  |
|-----------------------|--|
| Type of installation  | Ground recessed  |
| Housing material      | Stainless steel face plate, Die-cast aluminum body     |
| Optical system        | Lens + high-strength toughened glass w/ std. angle 60° |
| Housing color         | Aluminum silver  |
| Operating temperature | -30°C to +50°C   |
| Relative humidity     | <80%   |
| Electric class        | I  |

#### PRODUCT SELECTION

| Product order code (OC) | Power | Lumen output |       |       | Efficiency<br>*for 840 | Input<br>current | Dimensions<br>AxBxC, mm |
|-------------------------|-------|--------------|-------|-------|------------------------|------------------|-------------------------|
|                         |       | lm CW        | lm NW | lm WW |                        |                  |                         |
| LGR02BSC0200003Y8 CC    | 3W    | 300          | 300   | 270   | 100 lm/W               | 14 mA            | 200x80x60               |
| LGR02BSC0200005Y8 CC    | 5W    | 500          | 500   | 450   | 100 lm/W               | 23 mA            | 200x80x60               |
| LGR02BSC0300006Y8 CC    | 6W    | 600          | 600   | 540   | 100 lm/W               | 28 mA            | 300x90x75               |
| LGR02BSC0300009Y8 CC    | 9W    | 900          | 900   | 810   | 100 lm/W               | 42 mA            | 300x90x75               |
| LGR02BSC0500012Y8 CC    | 12W   | 1,200        | 1,200 | 1,080 | 100 lm/W               | 55 mA            | 500x90x75               |
| LGR02BSC0600015Y8 CC    | 15W   | 1,500        | 1,500 | 1,350 | 100 lm/W               | 69 mA            | 600x90x75               |
| LGR02BSC1000018Y8 CC    | 18W   | 1,800        | 1,800 | 1,620 | 100 lm/W               | 83 mA            | 1000x90x75              |
| LGR02BSC1000024Y8 CC    | 24W   | 2,400        | 2,400 | 2,160 | 100 lm/W               | 110 mA           | 1000x90x75              |
| LGR02BSC1000036Y8 CC    | 36W   | 3,600        | 3,600 | 3,240 | 100 lm/W               | 165 mA           | 1000x90x75              |

#### COLOR TEMPERATURE SELECTION

| Correlated color temperatures<br>CC |    |                  |
|-------------------------------------|----|------------------|
| 2700 K                              | 27 | Warm White WW    |
| 3000 K                              | 30 | Warm White WW    |
| 4000 K                              | 40 | Neutral White NW |
| 4500 K                              | 45 | Neutral White NW |
| 5700 K                              | 57 | Cool White CW    |
| 6500 K                              | 65 | Cool White CW    |

#### Optics:

| Code Y | Beam angle         |
|--------|--------------------|
| 010    | Beam angle 10°     |
| 015    | Beam angle 15°     |
| 025    | Beam angle 25°     |
| 030    | Beam angle 30°     |
| 040    | Beam angle 40°     |
| 060    | Beam angle 60°     |
| 1030   | Beam angle 10°x30° |
| 1045   | Beam angle 10°x45° |
| 1065   | Beam angle 10°x65° |
| 1070   | Beam angle 10°x70° |
| 2045   | Beam angle 20°x45° |
| 2065   | Beam angle 20°x65° |

#### Options and accessories

| Suffix to OC | Description              |
|--------------|--------------------------|
| DMX          | DMX control              |
| RGB          | RGB (CC code = 88)       |
| RGBA         | RGB Amber (CC code = 86) |
| 24V          | Input power 24V DC       |

#### LED DRIVERS

|                       |                                     |
|-----------------------|-------------------------------------|
| Standard LED Driver   | Premium constant current LED driver |
| DALI driver           | DALI suffix to order code           |
| 1-10V dim. LED Driver | DIM suffix to order code            |

#### WIRING INFORMATION

|                         |                                  |
|-------------------------|----------------------------------|
| Cable/Flying Lead       | None                             |
| Type of wiring required | Parallel to mains supply voltage |

Octa Light International is a completely vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer with production based entirely in the EU. Company's LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs, and innovative AC LED modules, as well as special application LEDs. We are constantly expanding our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light International offers also complete lighting solutions accomplishing variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

