

# GrassHopper | 22W

## Product Reference

Environment Outdoor

Installation Ceiling Surface, Floor Surface, Wall Surface, Wall Surface

## Construction & Materials

Housing Die Cast Aluminium

Primary Lens PMMA

Primary Reflector -

Secondary Reflector -

Body Finish Black, Grey

Diffuser -

Antiglare Baffle -

## Thermal Management

Heat Sink Material Die cast Aluminium

Cooling Technique Passive Cooling

## Optical System

Beam Direction Adjustable

Tilt Yes

Swivel No

## Electrical System

Driven with Constant Current Driver

Input Voltage/Hz 220V- 240V/50-60Hz

Control Gear Included

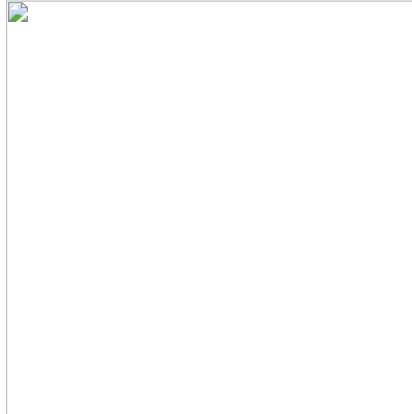
Mounting Integral

LED Power Watts 18.1W

System Power Watts 20.8W

Operating Voltage Vin 220-240 Vac

Power Factor p.f. > 0.95



## Light Distribution

### LED Technology

Binning 3 Step MacAdam

LED Life Time @ L80/B10 >50000 hours

Colour Rendering (CRI) CRI90

Led Type SMD high power

LED Fitted Osram LED 22V-27Vdc/700mA

### Controls

Standard Switchable On/Off

Optional Non Dimmable

## Ordering Details

| Code Example: | Name               | Watt       | CCT          | CRI          | Angle          | Finish     | Control       |
|---------------|--------------------|------------|--------------|--------------|----------------|------------|---------------|
|               | <b>GrassHopper</b> | <b>22W</b> | <b>WW27K</b> | <b>CRI90</b> | <b>16°(SS)</b> | <b>SBL</b> | <b>On/Off</b> |

Select one from each column with highlighted values to create the ordering code

| NAME               | WATT       | LUMEN | EFFICACY | CCT          |              | CRI          | ANGLE          | FINISH     |            | CONTROL       |               |
|--------------------|------------|-------|----------|--------------|--------------|--------------|----------------|------------|------------|---------------|---------------|
| <b>GrassHopper</b> | <b>22W</b> | 1747  | 84       | 2700K        | <b>WW27K</b> | <b>CRI90</b> | 16°(SS)        | Black      | <b>SBL</b> | Non Dimmable  | <b>On/Off</b> |
|                    |            | 1810  | 87       | 3000K        | <b>WW30K</b> |              | 25°(MD)        | Grey       | <b>GGT</b> |               |               |
|                    |            | 1893  | 91       | 4000K        | <b>NW40K</b> |              | 46°(WD)        |            |            |               |               |
|                    |            | 1934  | 93       | 5700K        | <b>CW57K</b> |              |                |            |            |               |               |
| <b>GrassHopper</b> | <b>22W</b> |       |          | <b>WW27K</b> |              | <b>CRI90</b> | <b>16°(SS)</b> | <b>SBL</b> |            | <b>On/Off</b> |               |