

GrassHopper | 12W

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

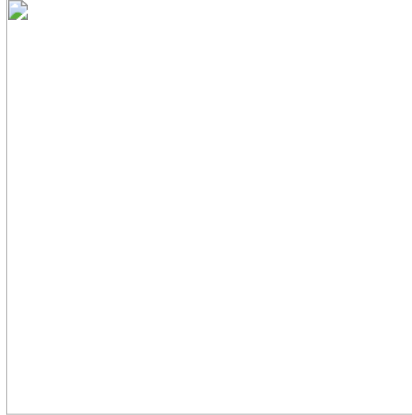
Mounting Integral

LED Power Watts 10.6W

System Power Watts 12.2W

Operating Voltage Vin 220-240 Vac

Power Factor p.f. > 0.95



Light Distribution

LED Technology

Binning 2 Step MacAdam

LED Life Time @ L80/B10 >50000 hours

Colour Rendering (CRI) CRI90

Led Type SMD high power

LED Fitted Osram LED 12V-15Vdc/700mA

Controls

Standard Switchable On/Off

Optional Non Dimmable

Ordering Details

Code Example:	Name	Watt	CCT	CRI	Angle	Finish	Control
	GrassHopper	12W	WW27K	CRI90	16°(SS)	SBL	On/Off

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

NAME	WATT	LUMEN	EFFICACY	CCT		CRI	ANGLE	FINISH		CONTROL	
GrassHopper	12W	1013	83	2700K	WW27K	CRI90	16°(SS)	Black	SBL	Non Dimmable	On/Off
		1049	86	3000K	WW30K		25°(MD)	Grey	GGT		
		1098	90	4000K	NW40K		46°(WD)				
		1122	92	5700K	CW57K						
GrassHopper	12W			WW27K		CRI90	16°(SS)	SBL		On/Off	