

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

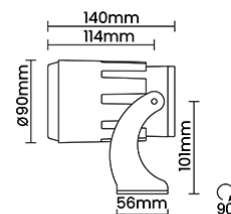
Mounting Integral

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	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