

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

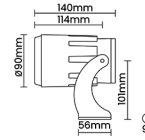
Driven with Constant Current Driver
 Input Voltage/Hz 220V- 240V/50-60Hz
 Control Gear Included
 Mounting Integral
 LED Power Watts 10.6W
 System Power Watts 12.2W
 Operating Voltage Vin 220-240 Vac
 Power Factor p.f. > 0.95

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	



Light Distribution

LED Technology

Binning 2 Step MacAdam
 LED Life Time @ L70/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