

453100000 LEDSTAR ULTIMATE MINI STANDARD SPOTLIGHT



TECHNICAL DETAILS

- Exterior/Interior LED Spotlight
- Light Source: 1 x CREE XP-G3 LED (2 SDCM Binning)
- Supply Current: 1050mA Max
- Housing: Anodised Aluminium
- Finish: Anodised or PTFE Coating
- Supplied Cable: 3m 2-Core 0.75mm A05RN-F Rubber
- Cover Lens: 5mm Toughened Glass
- Max Ambient Temperature: 40°C
- LED Lifetime (L90): >140,000 hrs Ta 25°C 1050mA / >90,000 hrs Ta 50°C 700mA
- Weight: 0.15kg

IP67 Class 3



EXAMPLE SPECIFICATION

453100000-927-12-2

LEDStar Mini XP-G3 Spotlight with Half Tube Cowl, Fixed 3m Cable, High CRI, Incandescent White 2700K, 12° Beam Angle, Black RAL 9011 Finish

STIRRUP TYPE	Standard	Window Reveal	Extended
Code	0	1	2
FRONT TYPE	Without Cowl	With Half Tube Cowl	With Full Tube Cowl
Code	0	1	2
CABLE TYPE	Fixed Cable	IP68 Connector + Cable	
Code	0	1	

LED SOURCE LUMENS MEASURED WITH Tj=85°C

COLOUR	CCT (K)	CRI	SOURCE LUMEN			Code
			350mA (lm)	700mA (lm)	1050mA (lm)	
Incandescent White	2700	90+	114	211	295	927
Warm White	3000	90+	114	211	295	930
Cool White	4000	80+	148	274	383	840

BEAM	12° Narrow	35° Medium	70° Indicator	20°/20° Tilt
Code	12	35	70	20T

SEE NEXT PAGE FOR FULL FINISH IMAGES

STANDARD FINISHES	Black RAL 9011	White RAL 9016	Black Anodised	Bronze Anodised	Satin Silver Anodised	Hard Anodised
Code	2	1	2A	5C	9	5
PREMIUM PAINT FINISHES	White Stone	Sandstone	Corten	Concrete Grey	Antique Bronze	Custom RAL
Code	3T	3S	3P	3R	3P	3
COLOURED ANODISED FINISHES	Ruby Red Anodised	Gold Anodised	Ivy Green Anodised	Royal Blue Anodised	Deep Pink Anodised	
Code	5R	5T	5P	5Q	5S	

All cowl will have a black inner surface
Matt Anodised colours are available on special request

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PHOTOMETRIC DATA

EXAMPLE OUTPUT	350mA	700mA	1050mA
Output Lumens (lm)	106	196	275
Efficacy (lm/W)	96	89	75

1 X CREE XP-G3 4000K LEDs with 12° Optic
Photometric Data, IES & LDT files available at www.lightprojects.co.uk

SPOTLIGHT LED POWER

POWER (W)	350mA	700mA	1050mA
Power	1W	2W	3W
Forward Voltage	2.7V	2.8V	2.9V

The performance of high power LEDs is continually developing. Light Projects offers the best performance LEDs available. Enquire for currently available lumen packages.

STANDARD FINISHES



PREMIUM PAINT FINISHES

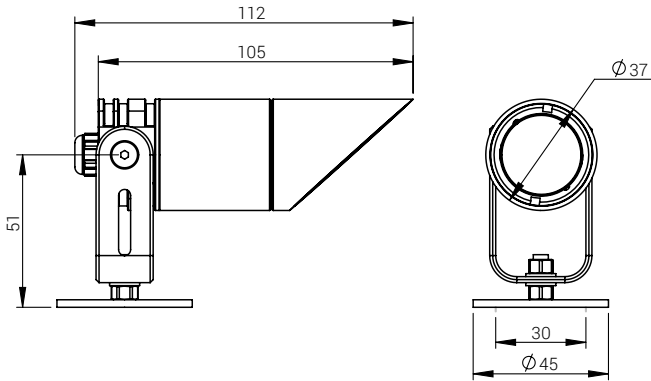


COLOURED ANODISED FINISHES

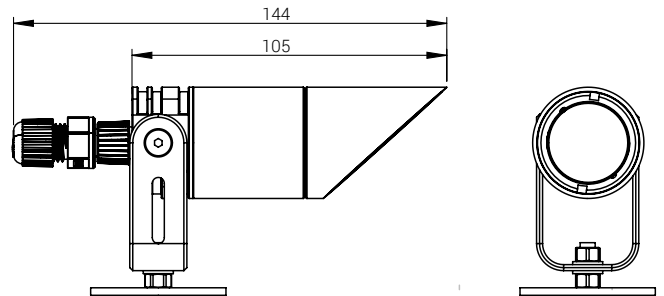


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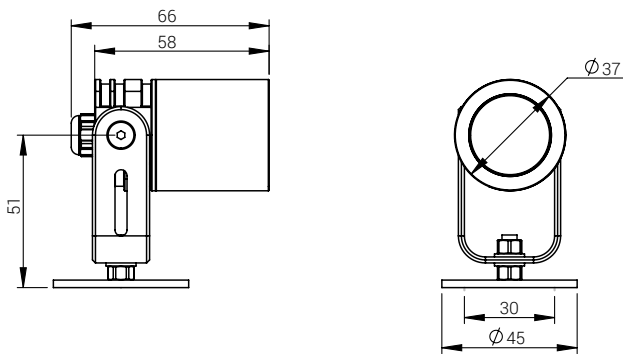
**COWL + FIXED CABLE OPTION
WITH M10 CABLE GLAND DIMENSIONS**



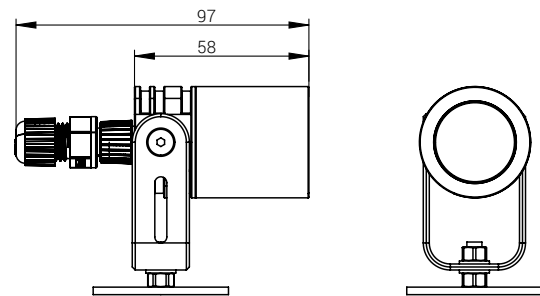
**COWL + REMOVEABLE OPTION
WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS**



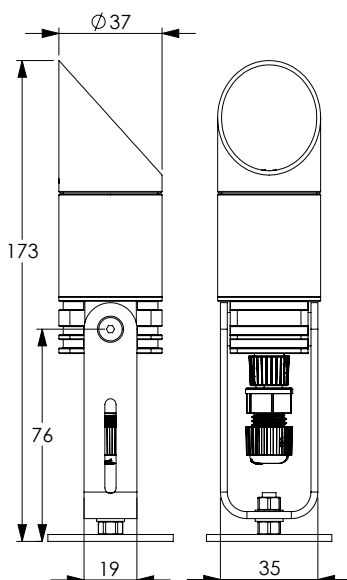
**NO COWL + FIXED CABLE OPTION
WITH M16 CABLE GLAND DIMENSIONS**



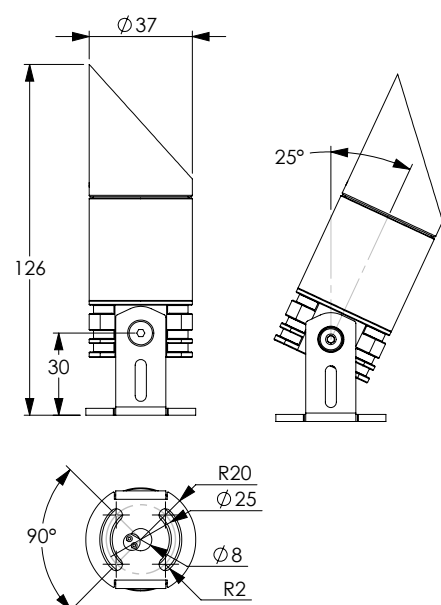
**NO COWL + REMOVEABLE OPTION
WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS**



**COWL + PLUG IN CABLE OPTION
WITH EXTENDED STIRRUP DIMENSIONS**



**COWL + FIXED CABLE OPTION
WITH WINDOW REVEAL STIRRUP DIMENSIONS**



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SELECTION OF ACCESSORIES FOR LEDSTAR MINI

Half Tube Cowl	247-2030-f
Full Tube Cowl	247-2031-f
Tree Strap	247-1140-2
Ground Spike 200mm	450024-4
12° Diffuser + Clip on Holder	247-1660-12
35° Diffuser + Clip on Holder	247-1660-35
70° Diffuser + Clip on Holder	247-1660-70
20°/20° Diffuser +Clip on Holder	247-1660-20T
Loose Linear Spread Diffuser for Clip	247-1666-LS
LED Cable Connector (IP67)	450041-1

Will accept limited range of Accessory Glasses.
Contact us for details.

f = Finish code to match housing material

[Please click here for LEDStar Accessories sheet with full details and additional options](#)

DRIVERS

A comprehensive range of remote Drivers is available for LEDStar Ultimate Mini Spotlight.

Drive currents: 350mA, 700mA and 1050mA

Dimming options: Switch, Phase, 1-10V and DALI

IP66 housings with connection for 1,4, 8 or 12 Spotlights

[Please click here for LEDStar Driver sheet with full product offering and loading details](#)

Additional options for DMX and Casambi control available on request.

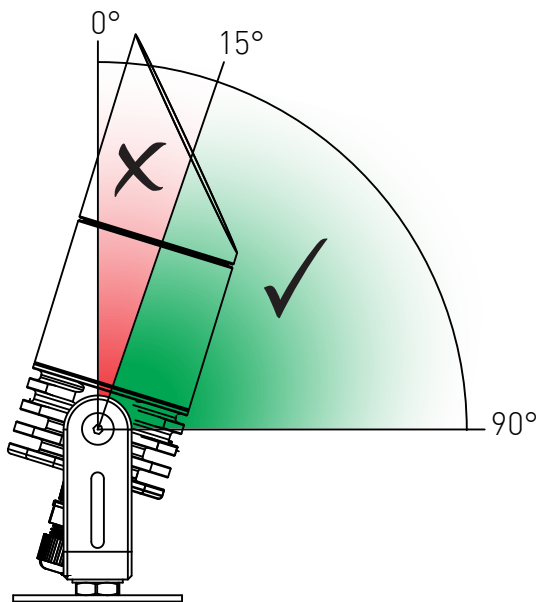
Emergency versions with kits available on request for project specific specifications

FACTORY FITTED OPTIONS

LED factory fitted extension cable 450043(m)

m=CableLength

USE OF STANDARD STIRRUP WITH ALTERNATIVE CABLE OPTIONS



When using the standard stirrup with either the Plug-In cable or stainless steel cable sleeving, the closest upward angle achievable is 15° off centre. If a more vertical orientation is required, please use the extended stirrup option.