

453200000 LEDSTAR ULTIMATE MIDI STANDARD SPOTLIGHT



TECHNICAL DETAILS

- Exterior/Interior LED Spotlight
- Light Source: CREE CXB 1310 PR09 COB 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
- LED Lifetime (L90): >66,000 hrs Ta 25°C 1050mA / >55,000 hrs Ta 45°C 700mA
- Weight: 0.63kg

IP67 Class 3

EXAMPLE SPECIFICATION

453200010-927-13-2

LEDStar Midi Standard Spotlight with Standard Stirrup and Half Tube Cowl, Fixed 3m Cable, High CRI, Incandescent White 2700K, 13° Beam Angle, PTFE Black RAL 9011 Finish

PRODUCT CODE EXAMPLE: 4532 0 000 1 0 - 927 - 13 - 2

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 Tc=72°C

COLOUR	CCT (K)	CRI	LUMEN OUTPUT			Code
			350mA (lm)	700mA (lm)	1050mA (lm)	
Amber White*	2200	80+	704	1105	1563	822
Incandescent White	2700	90+	754	1426	2021	927
Warm White	3000	90+	786	1485	2106	930
Cool White	4000	90+	814	1539	2185	940

BEAM	13° Narrow	26° Medium	37° Wide	17°-53° Zoom**	20°/20° Tilt	70° Indicator
Code	13	26	37	Z	20T	70

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

Light Projects specifications are liable to be changed without notice.

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PHOTOMETRIC DATA

EXAMPLE OUTPUT	350mA	700mA	1050mA
Output Lumens (lm)	639	1207	1713
Efficacy (lm/W)	103	94	87

CREE CXB 1310 Pro9 4000K COB with 13° Optic
Photometric Data, IES & LDT files available at www.lightprojects.co.uk

*Amber White 2200K has 3 Step Binning

** MAX Current for Zoom Optic is 700mA

SPOTLIGHT LED POWER

POWER (W)	350mA	700mA	1050mA
Power	5.6W	11.5W	17.7W
Forward Voltage	16V	16.5V	16.9V

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

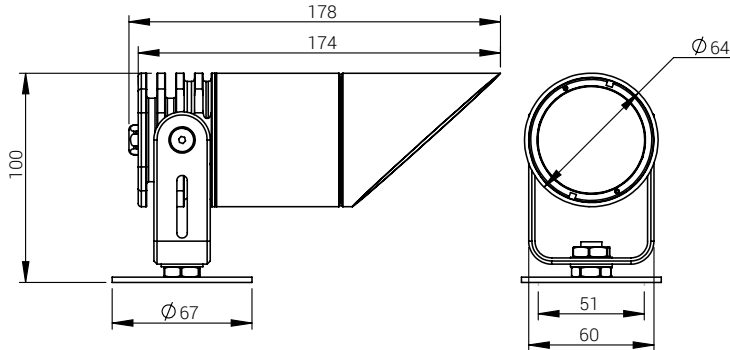


COLOURED ANODISED FINISHES

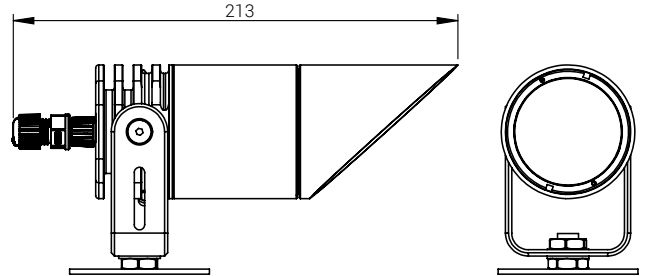


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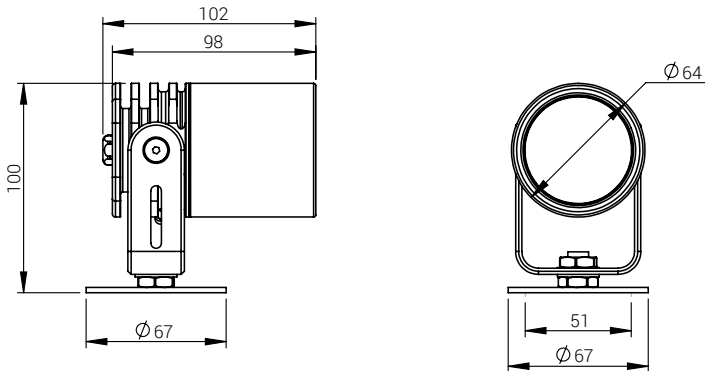
COWL + FIXED CABLE OPTION WITH M10 CABLE GLAND DIMENSIONS



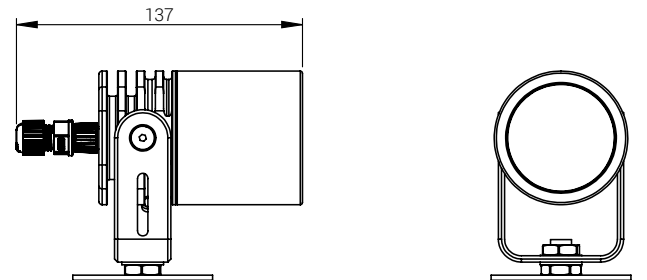
COWL + REMOVEABLE OPTION WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS



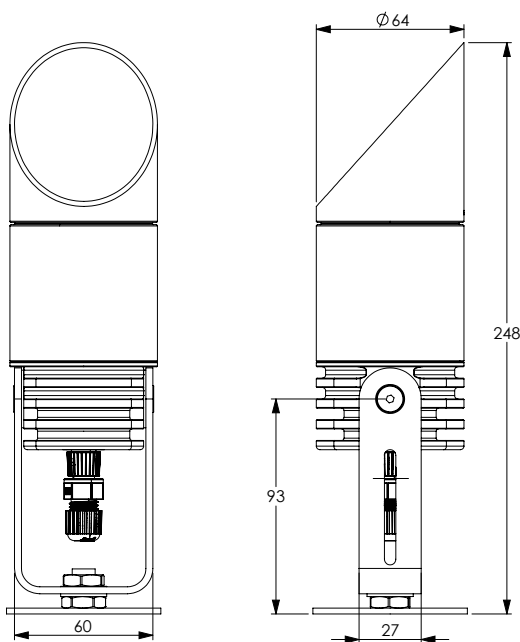
NO COWL + FIXED CABLE OPTION WITH M16 CABLE GLAND DIMENSIONS



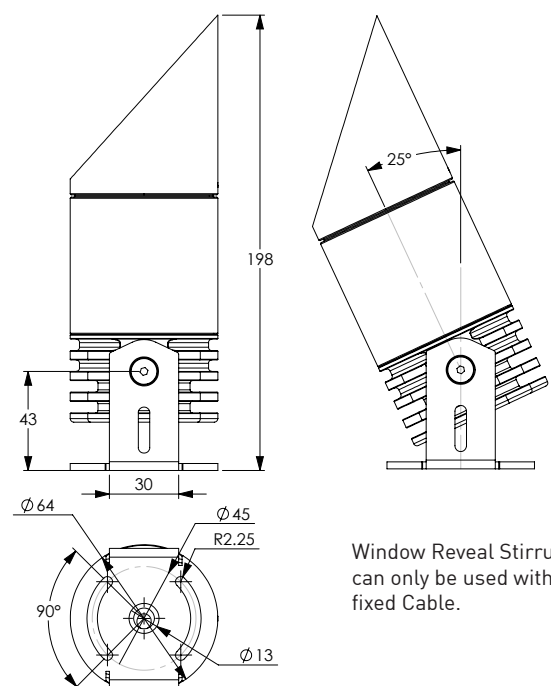
NO COWL + REMOVEABLE OPTION WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS



COWL + PLUG IN CABLE OPTION WITH EXTENDED STIRRUP DIMENSIONS



COWL + FIXED CABLE OPTION WITH WINDOW REVEAL STIRRUP DIMENSIONS



Window Reveal Stirrup
can only be used with
fixed Cable.

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SELECTION OF ACCESSORIES FOR LEDSTAR MIDI

Half Tube Cowl	247-2130-f
Full Tube Cowl	247-2131-f
Tree Strap	247-1140-2
Ground Spike 200mm	247-0141-2
13° Optic	247-2162-13
26° Optic	247-2162-26
37° Optic	247-2162-37
17°-53° Zoom Optic	247-2162-Z
70° Diffuser for Front Cap	247-1761-70
20°/20° Diffuser + Clip On Holder	247-2160-20T
Spread Diffuser + Clip On Holder	247-2160-LS
LED Cable Connector (IP67)	450041-1
Honeycomb Louvre	247-1721-2
'C' Spring	247-1706
Coloured Glass	247-1710-xxx

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 Midi Spotlight.

Drive currents: 350mA, 700mA and 1050mA

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

IP65 housings with connection for 4, 8 or 12 Spotlights

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

Additional options for DMX control available on request.

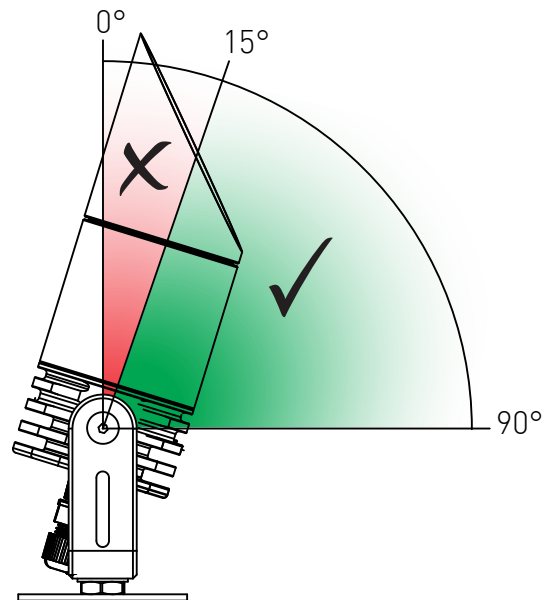
Emergency versions with kits available on request for project specific specifications

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.