

## 453201000 LEDSTAR ULTIMATE MIDI NARROW SPOTLIGHT



### TECHNICAL DETAILS

- Exterior/Interior LED Spotlight
- Light Source: Citizen CLU7S3 COB LED (3 SDCM Binning)
- Supply Current: 700mA 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): >50,000hrs Ta 25°C 700mA
- Weight: 0.63kg

**IP67** Class 3

### EXAMPLE SPECIFICATION

453201010-927-8-2

LEDStar Midi Narrow Spotlight with Standard Stirrup and Half Tube Cowl, Fixed 3m Cable, High 90+CRI, Incandescent White 2700K, 8° Beam Angle, PTFE Black RAL 9011 Finish

PRODUCT CODE EXAMPLE: 4532 0 10 1 0 - 927 - 8 - 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) |      |
| Amber White        | 2400    | 90+ | 408          | 719        | 924  |
| Incandescent White | 2700    | 90+ | 427          | 753        | 927  |
| Warm White         | 3000    | 90+ | 452          | 796        | 930  |
| Cool White         | 4000    | 90+ | 489          | 861        | 940  |

| BEAM | 8°<br>Extra Narrow |
|------|--------------------|
| Code | 8                  |

SEE NEXT PAGE FOR FULL FINISH IMAGES

| STANDARD FINISHES          | Black<br>RAL 9011    | White<br>RAL 9016 | Black<br>Anodised     | Bronze<br>Anodised     | Satin Silver<br>Anodised | Hard<br>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<br>Anodised | Gold<br>Anodised  | Ivy Green<br>Anodised | Royal Blue<br>Anodised | Deep Pink<br>Anodised    |                  |
| Code                       | 5R                   | 5T                | 5P                    | 5Q                     | 5S                       |                  |

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

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## PHOTOMETRIC DATA

| EXAMPLE OUTPUT     | 350mA | 700mA |
|--------------------|-------|-------|
| Output Lumens (lm) | 322   | 569   |
| Efficacy (lm/W)    | 71    | 58    |

Citizen CLU7S3 4000K COB with 8° Optic  
Photometric Data, IES & LDT files available at  
[www.lightprojects.co.uk](http://www.lightprojects.co.uk)

## SPOTLIGHT LED POWER

| POWER (W)       | 350mA | 700mA |
|-----------------|-------|-------|
| Power           | 4.1W  | 8.8W  |
| Forward Voltage | 11.3V | 12.6V |

*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

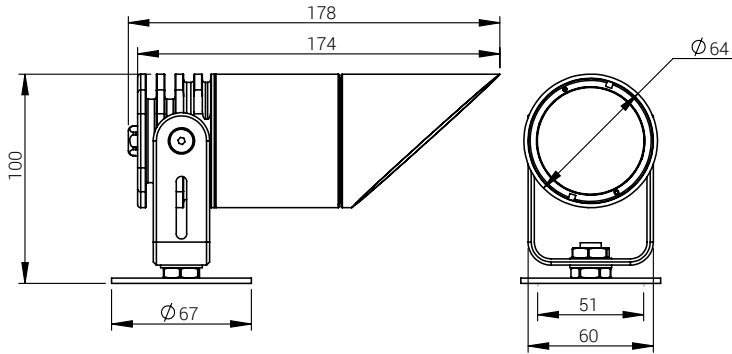


## COLOURED ANODISED FINISHES

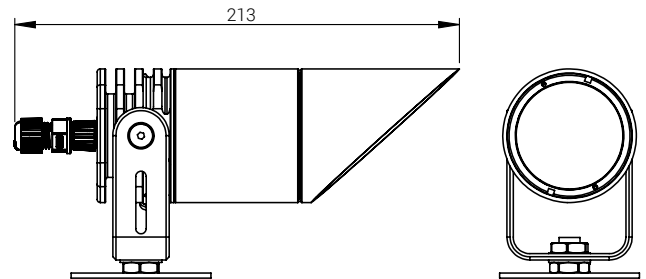


**4532001000 LEDSTAR ULTIMATE MIDI NARROW SPOTLIGHT**

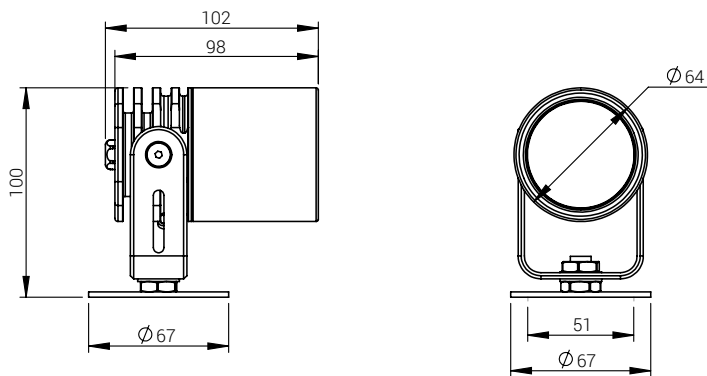
**COWL + FIXED CABLE OPTION  
WITH M10 CABLE GLAND DIMENSIONS**



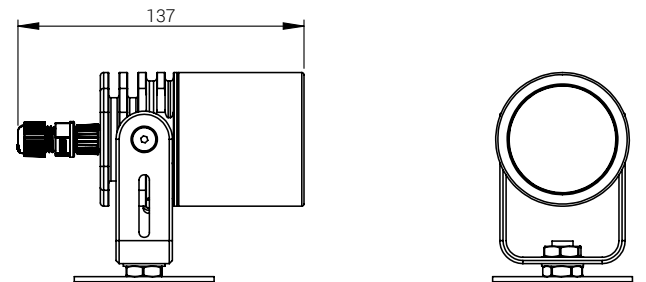
**COWL + REMOVEABLE OPTION  
WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS**



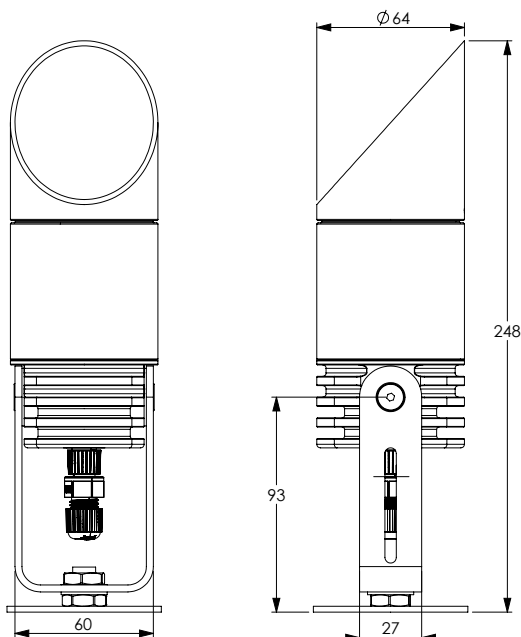
**NO COWL + FIXED CABLE OPTION  
WITH M16 CABLE GLAND DIMENSIONS**



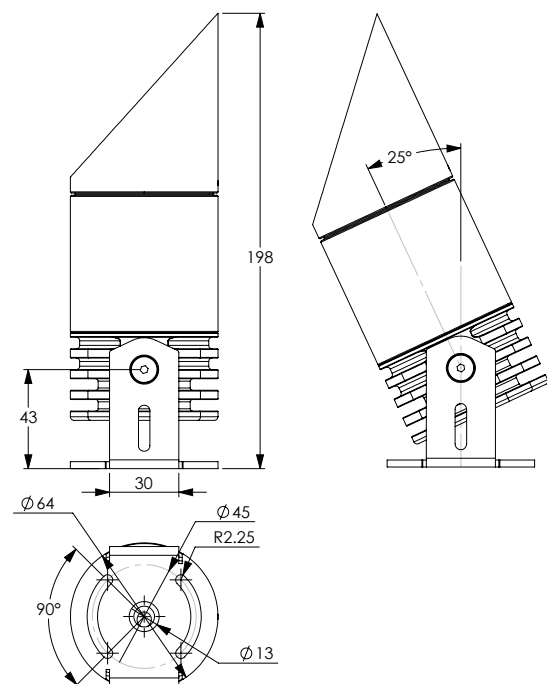
**NO COWL + REMOVEABLE OPTION  
WITH M16 IP68 CONNECTOR + CABLE DIMENSIONS**



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



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



Light Projects specifications are liable to be changed without notice.

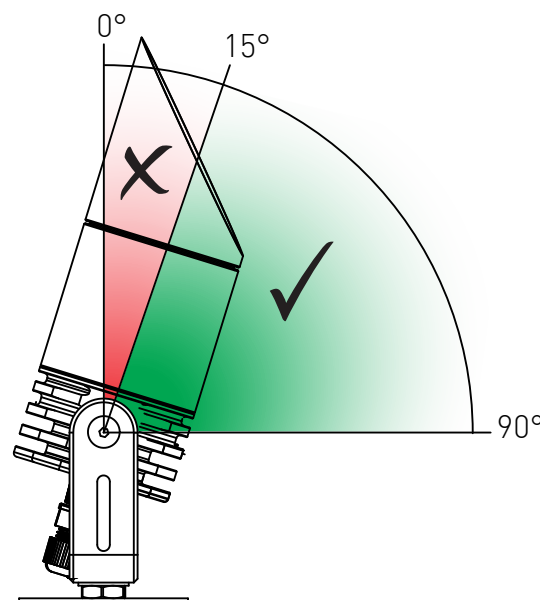
**SELECTION OF ACCESSORIES FOR LEDSTAR MIDI**

|                                   |              |
|-----------------------------------|--------------|
| 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](#)

**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.

**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