

# ECLIPSE JUNIOR Ex n WELL-GLASS

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The Eclipse Junior with external reflector



The Eclipse Junior with wire guard

The Eclipse Junior is a compact wellglass that incorporates the low maintenance features of the Eclipse II. Its low profile design and range of mounting options, offers an all round lighting solution in areas of limited space.

The junior is available with a range up lamp types up to 150W and is suitable for use at low temperatures (-30°C).

## Standard Specification

## Features

|                     |                                                                                               |
|---------------------|-----------------------------------------------------------------------------------------------|
| Type of Protection  | Ex nA nR (Non-sparking, Restricted Breathing)                                                 |
| ATEX Classification | Group II Category 3 G                                                                         |
| Area Classification | Zone 2 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14              |
| Certificate         | Type Examination Certificate BAS04ATEX0393X                                                   |
| Coding              | ⊕ II 3 G Ex nAR II<br>Refer to table for T class and Ambient                                  |
| Enclosure           | Painted aluminium body with glass globe.<br>Silicone rubber gasket. Stainless steel fasteners |
| Entry               | 2 x M20 cable entries                                                                         |
| Termination         | 3 core 6mm <sup>2</sup> max. conductor with looping                                           |
| Installation        | Ceiling mounting                                                                              |
| Windage             | 0.066m <sup>2</sup>                                                                           |
| Control Gear        | Internal copper/iron ballast with ignitor and PFC correction capacitor                        |
| Relamping           | Access via sealed lamp chamber                                                                |
| Burning Position    | Up to 25° off vertical                                                                        |
| Ingress Protection  | IP66 to EN 60529                                                                              |
| Electrical Supply   | 220, 230, 240, 254V 50Hz - 70W (HID)<br>220, 230, 240V 50Hz - 50W (HID)<br>240V 50Hz - CF     |

Compact size and low weight

Easy access for wiring and control gear

Unrestricted breathing gear enclosure removes the need for special glands or cable

Corrosion resistant

Excellent light distribution

Suitable for a wide range of ambient temperatures from -30°C to +55°C, dependant on lamp type and wattage

Option available for Zone 22 combustible dust environments

## International Approvals

ATEX, GOST and CEPEL

Chalmit

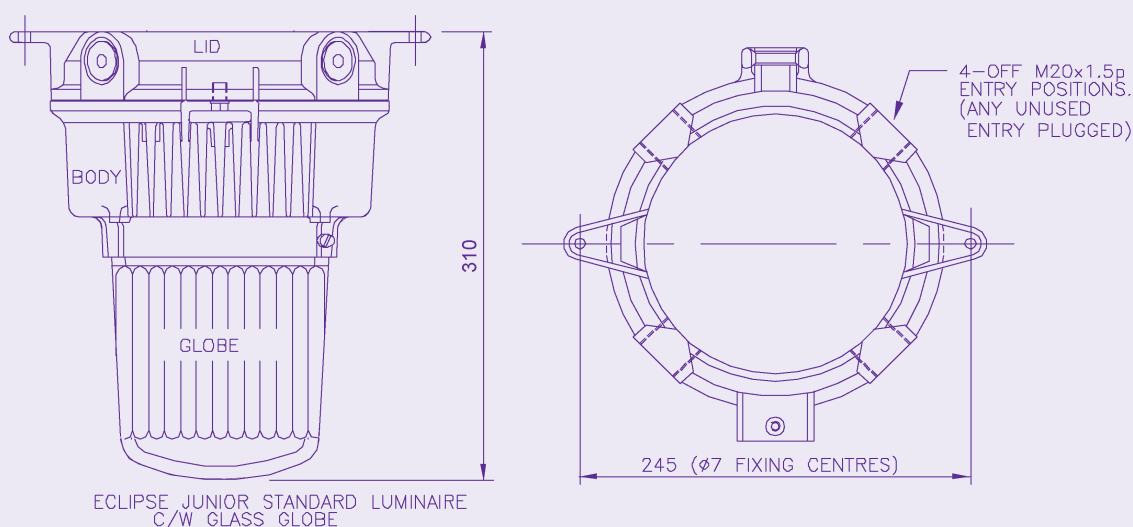
# ATEX CATEGORY 3      ZONE 2 & 22 APPLICATIONS

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| Std. Cat No. | Wattage | Lamp             | Lampholder | TClass | T°C (Dust) | Ambient °C | Weight |
|--------------|---------|------------------|------------|--------|------------|------------|--------|
| ECJN/050/HS  | 50W     | HPS              | E27        | T4     | 130        | -30 to +50 | 5.5kg  |
| ECJN/070/MS  | 70W     | HPS/Metal Halide | E27        | T4     | 130        | -30 to +50 | 6.0kg  |
| ECJN/113/CF  | 1x13W   | CFL              | G24q       | T4     | 130        | -20 to +50 | 5.0kg  |
| ECJN/118/CF  | 1x18W   | CFL              | G24q       | T4     | 130        | -20 to +50 | 5.0kg  |
| ECJN/126/CF  | 1x26W   | CFL              | G24q       | T4     | 130        | -20 to +50 | 5.0kg  |

## Options – Suffix to Catalogue No.

|      |                                |      |                                         |
|------|--------------------------------|------|-----------------------------------------|
| /___ | Specific voltage (220,230,254) | /PE  | Pendant mounted version                 |
| /60  | 60Hz                           | /NC  | No capacitors                           |
| /WM  | Wall mounted version           | /D   | Zone 22 dust applications               |
| /ST  | Stanchion mounted version      | /IEC | Supplied with IECEx Certification label |



## Accessories Should be ordered separately

## Catalogue Order Code

|                                                         |            |
|---------------------------------------------------------|------------|
| Wire guard (can be used in conjunction with reflectors) | E0850-0048 |
| Dome reflector                                          | SECL0-0001 |
| 30° Angled reflector                                    | SECL0-0002 |

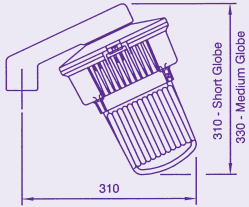
Product design and specification are subject to change without notice, please check the Chalmit® website for latest specification



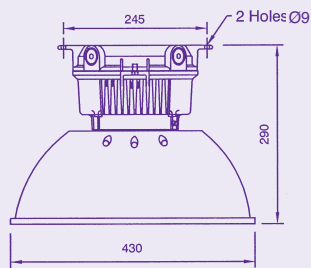
# ECLIPSE RANGE

3

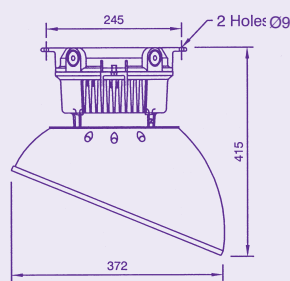
## JUNIOR



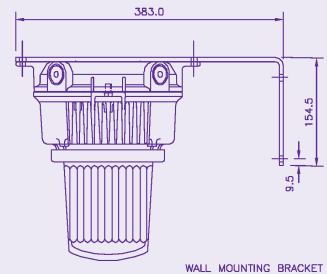
Stanchion mounting arrangement  
To suit pole threaded 1 1/4" NPT



Eclipse Junior c/w glass globe  
& full reflector

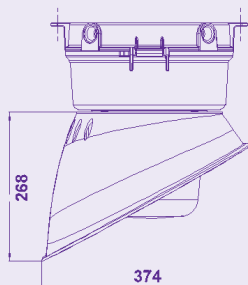


Eclipse Junior c/w glass globe  
& 30° angled reflector

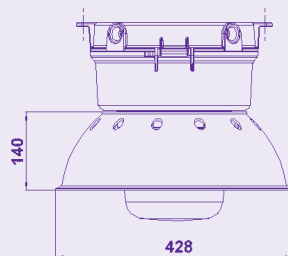


WALL MOUNTING BRACKET

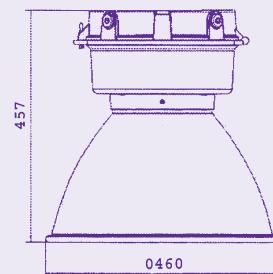
## ECLIPSE II



Angle reflector



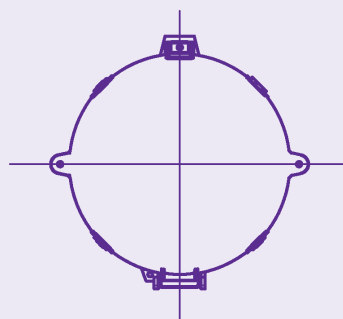
Dome reflector



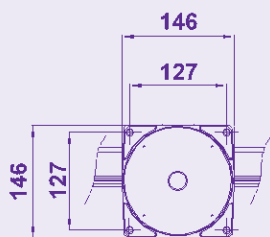
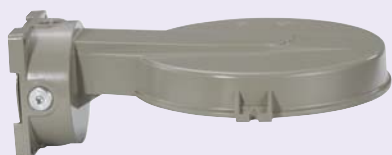
Sealed spun reflector

## ECLIPSE II MOUNTING ACCESSORIES

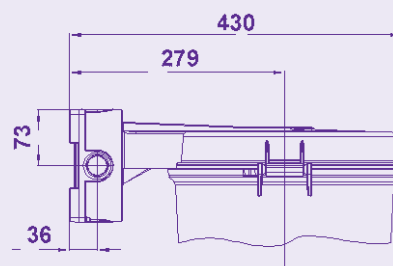
### CEILING and FLUSH MOUNTING



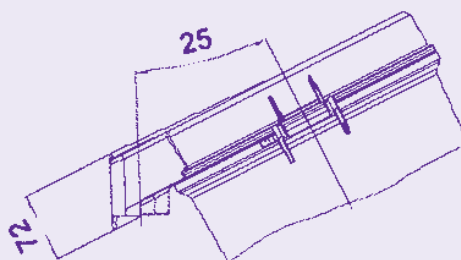
### WALL MOUNTING



4 x MOUNTING HOLES  
SUITABLE FOR M6 SCREWS



### STANCHION MOUNTING



TO SUIT POLE DIAMETER 70mm (1½" NPT threaded pipe (I/D 44mm max)

### PENDANT MOUNTING

