



The **Eclipse II** wellglass has been designed to make installation quick and simple. The lamp and gear chambers are separated for easy maintenance and require no special cable glands.

The luminaire also features a swing barrel nut system. This allows prior installation and wiring of the mounting base without the need to support the body and lamps. This unique design saves on both time and labour costs.

Mounting Options

- Floodlight
- Pendant
- Pole/Column
- Medium Bay
- Low Bay



Standard Specification

Eclipse II Ex n LED

Type of Protection	Ex nA (Non Sparking) Ex tc (Dust Protected Enclosure)
ATEX Classification	Group II Category 3 GD
Area Classification	Zone 2 and Zone 22 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN60079-14
Certificate	EC Type Examination Certificates BAS04 ATEX 0393X IECEx Certificate of Conformity IECEx BAS 05.0053X
Coding	Ex nA IIC Gc Ex tc IIIC Dc Refer to table for T Rating and Ambient
Enclosure	Painted aluminium body with glass globe
Entry	Up to 4 x M20 cable entries
Termination	3 core 6mm ² max. conductor with looping
Installation	Surface mounted
Control Gear	Electronic Driver
Colour Temperature (CCT)	5000K (Cool White)
Maintenance	Barrel nut fastener
Ingress Protection	IP66
Surge Protection	4kV line to line, 6kV line to earth
Electrical Supply	120-254V AC 50/60Hz

Features

- ◆ **Instant on** crisp white light output
- ◆ Highly **Energy Efficient**
- ◆ **120,000** maintenance free hours at 25°C
- ◆ **Lower power consumption** than HID lamps
- ◆ **Low temperature applications to -40°C**

Chalmit®

**LED
SOLUTIONS**

For Harsh & Hazardous Locations



Product design and specifications
are subject to change without
notice. Please check the Chalmers
website for latest specifications.
www.chalmers.com



MADE IN
BRITAIN

Std. Cat No.	Delivered Output	Power Consumption	TClass	T°C (Dust)	Ambient °C	Weight
EC2N/06L/LE	5842 lm	55W	T4	90	-40 to +55	11.5kg
EC2N/09L/LE	8525 lm	80W	T4	90	-40 to +55	12.0kg
EC2N/12L/LE*	12220 lm	100W	T4	90	-40 to +55	12.0kg
EC2N/16L/LE	15630 lm	140W	T4	90	-40 to +40	12.0kg

Options - Suffix to Catalogue No.

/M25	M25 Cable entries	/SRG	Surge protection (20kA and 10kV)*
/WM	Wall mounted version	/ST	Stanchion mounted version
/PE	Pendant mounted version	/ER	Sealed spun reflector
/D	Zone 22 dust applications		

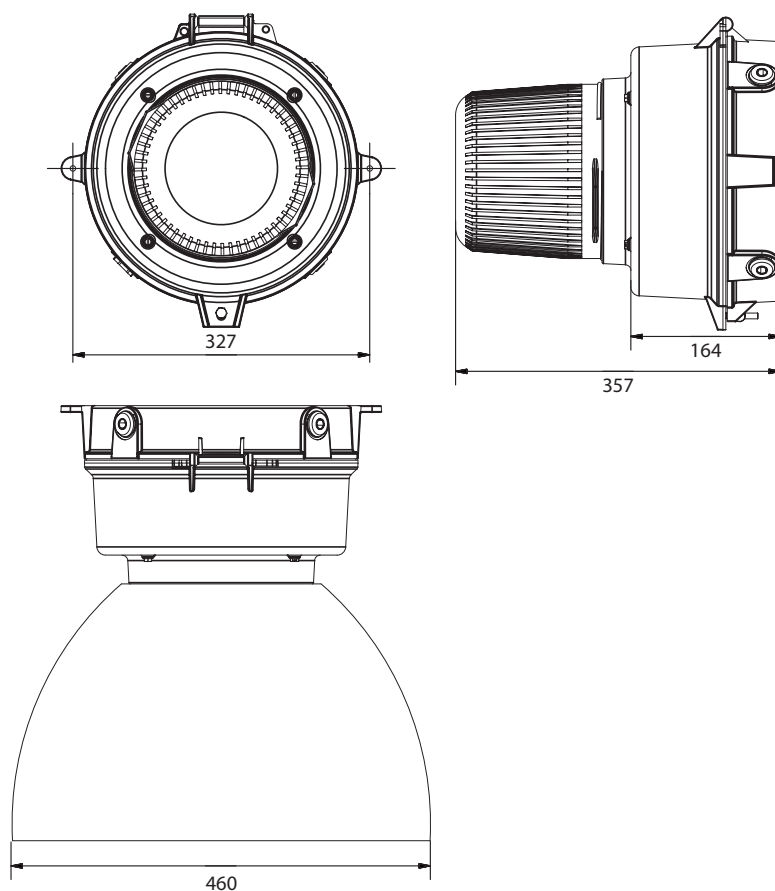
* When using surge protection with EC2N/12L/LE please note that the maximum ambient reduces to +40°C.

Accessories

Accessories should be ordered separately

Order Code

Wire guard for low wattage glass globe	E0850-0042
Wire guard for enclosed reflector	E0850-0043
Dome reflector	SEC20-0001
30° angled reflector	SEC20-0002



Chalmers

**LED
SOLUTIONS**

For Harsh & Hazardous Locations



Harsh & Hazardous

Chalmers PO BOX 5575 Glasgow G52 9AP
Tel: +44(0) 141 882 5555 Fax: +44(0) 141 883 3704 Email: info@chalmers.com
www.chalmers.com