ECLIPSE II

Ex nA LED Highbay

The **Eclipse II** LED 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.

MADE IN BRITAIN

International Approvals

Mounting Options
Floodlight. Pendant. Pole/Column. Wall. Medium Bay. Low Bay.

Standard Specification

Eclipse II Ex nA LED Highbay

Type of Protection	Ex nA (Non Sparking) Ex tc (Dust Protected Enclosure)
ATEX Classification	Group II Category 3 GD
Area Classification	Zone 2 areas to EN 60079-10-1, Zone 22 areas to EN 60079-10-2.
Certificate	Type Examination Certificate CML 15ATEX3102X CML 15ATEX4101X IECEx Certificate of Conformity IECEx QPS 15.0006X
Coding	Ex nA IIC T* Ta* Gc Ex tb IIIC T90°C Db IP66 (T and amb values see table 1 for details)
Enclosure	Painted aluminium body (RAL 7008) with glass globe
Entry	Up to 4 x M20 cable entries
Termination	3 core 6mm2 max. conductor with looping
Installation	Surface mounted
Control Gear	Electronic Driver
Colour Temperature (CCT)	5000K (Cool White)
Colour Rendering Index (Ra)	>70
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

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

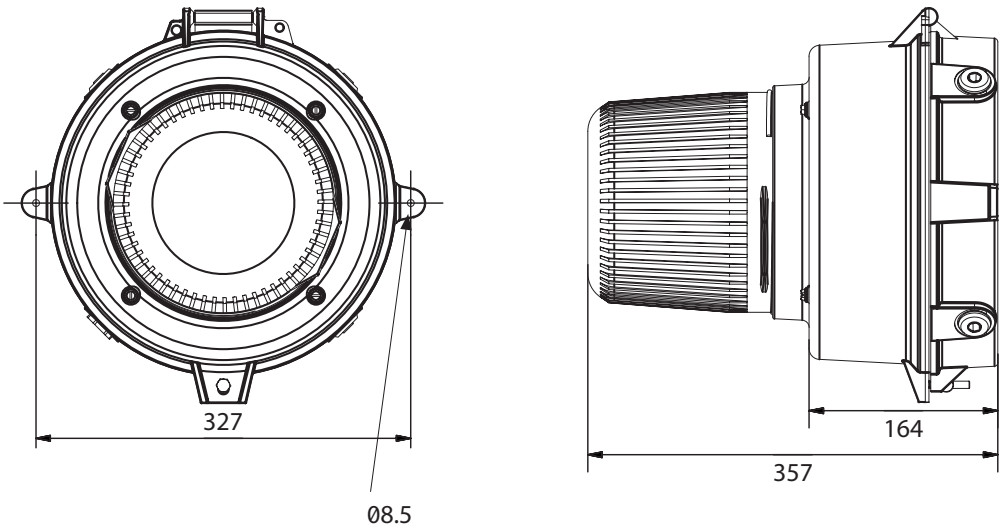
Std. Cat No.	Delivered Output	Power Consumption	Tclass	T °C (Dust)	Ambient °C	Weight
EC2N/06L/LE	6278 lm	47W	T4	90	-40 to +55	11.5kg
EC2N/09L/LE	9692 lm	73W	T4	90	-40 to +55	12.0kg
EC2N/12L/LE	12750 lm	98W	T4	90	-40 to +55	12.0kg
EC2N/16L/LE	17710 lm	138W	T140°C	90	-40 to +55	12.0kg

Options - Suffix to Catalogue No.			
/M25	M25 Cable entries	**/SRG**	Surge Protection (20kA and 10kV)
/WM	Wall mounted version (with 2xM20 and 2xM25 entries)	**/ST**	Stanchion mounted version
/PE	Pendant mounted version (for M25 conduit)	**/ER**	Sealed spun reflector
/D	Zone 22 dust applications (with external earth plug)		

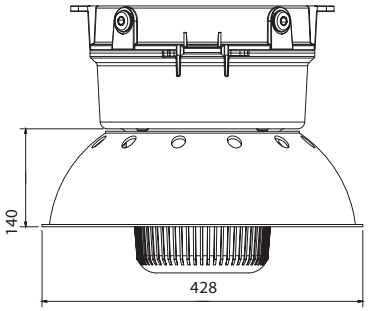
Accessories *Accessories should be ordered separately*

	Order Code
Wire guard for low wattage glass globe	**E0850-0042**
Wire guard for enclosed reflector	**E0850-0043**
Dome reflector	**SEC2O-0001**
30° angled reflector	**SEC2O-0002**

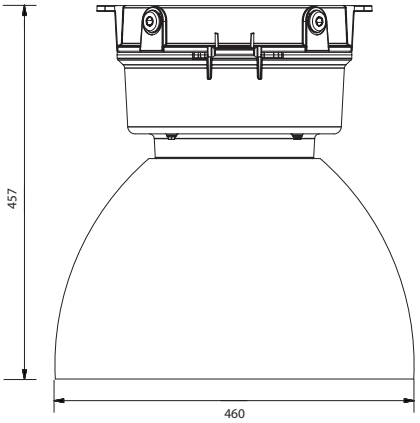
EC2N/**L/LE



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



EC2N/**L/LE + SEC2O-0001



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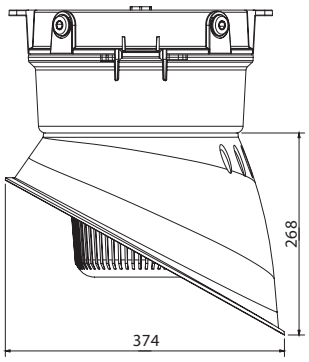

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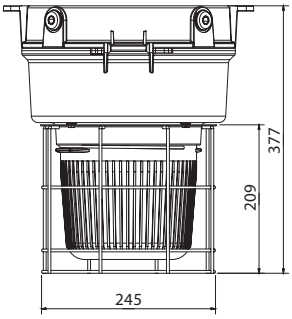

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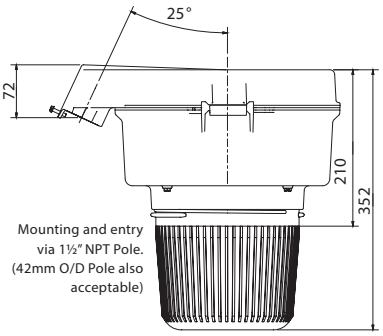
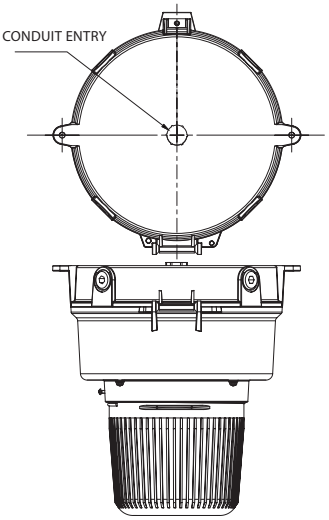


EC2N/**L/LE/ST



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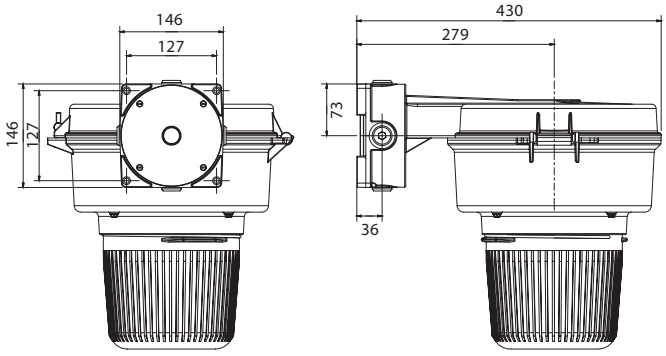

EC2N/**L/LE/WM