PROTECTA III
Chalmit®

Mounting Options

- Ceiling
- Wall
- Suspended
- Pole

The **Protecta III** LED linear delivers to the Industry unparalleled performance and photometric's bringing forward all the recognised benefits of the Protecta range; a proven robust enclosure, excellent IP and low maintenance features which are key to the oil and gas industry.

Expected useful life to 70% of the initial lumens (L70) is a market leading 120,000 hours at 25°C and with fully replaceable LED strips and driver we deliver a unique product with effective long term maintenance capability.

International Approvals

Standard Specification

Protecta Ex e LED Linear

Type of Protection	Ex e mb q (Increased Safety, Encapsulation, Powder filling)
ATEX Classification	Group II Category 2 GD
Area Classification	Zone 1 and Zone 21 areas to EN 60079-10 and IEC 50281-3 with installation to EN 60079-14 and IEC 50281-1-2

Certificate	EC Type Examination Certificate
	    Baseefa04ATEX0220
	IECEx Certificate of Conformity
	    IECEx BAS09.0017

Coding	Ex e mb q IIC T4 Gb Ex tb IIIC T95°C Db IP6X
Enclosure	GRP body with polycarbonate cover
Geartray	Aluminium
Entry	4 x M20 cable entries - 2 at each end
Termination	3 core 4mm^2 max conductor with looping and 16A rating through wiring
Installation	2x M8 tapped inserts located on the rear of the body
Control Gear	Electronic Driver
Colour Temperature (CCT)	6000K (Cool Daylight)
Maintenance	Quick release diffuser clamp and hinged cover
Battery	Internal Ni-Cd (6V) (Emergency version only)
Emergency Duration	90 mins (30% output)
Ingress Protection	IP66/67 to EN 60529
Surge Protection	4kV
Electrical Supply	220-254V AC, 50/60Hz

Chalmit®

LED SOLUTIONS
For Harsh & Hazardous Locations

Features

- ◈ Highly **Energy Efficient**
- ◈ Full length **easy access** diffuser clamp
- ◈ **Screwless** mains terminals
- ◈ **120,000** maintenance free hours at 25°C (L70)
- ◈ **DTS-01** deluge tested
- ◈ **Retrofit** geartray available

HSI=GREEN℠
HUBBELL SUSTAINABILITY INITIATIVE

HUBBELL
Harsh & Hazardous

Chalmit®
PROTECTA X

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