

ZONE 1 ZONE 21

CURIE ELITE



The **Curie Elite** LED is a recessed luminaire designed for use in solid or plank ceiling types.

Widely used in offshore accommodation modules this proven luminaire is now available in LED bringing all the benefits of long life LED technology with replaceable LED strips and driver.

Mounting Options

- Recessed
- Suspended (drop rods)

International Approvals



Standard Specification

Curie Elite Ex e LED Recessed 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 21 areas to EN 60079-10-1 and EN 60079-10-2 with installation to EN 60079-14
Certificate	EC Type Examination Certificate CML16ATEX3335X IECEx Certificate of Conformity IECEx CML16.0108X
Coding	Ex eb mb op is q IIC T4 Gb Ex tb IIIC T95°C Db IP65
Enclosure	White polyester painted zintec body and aluminium frame. Frame colour RAL 9016G with prismatic polycarbonate diffuser
Geartray	Aluminium
Entry	4 x 20mm clearance holes located on top - two each side
Termination	3 core 4mm ² max conductor with looping and 16A rating through wiring (4 core on emergency)
Installation	Side brackets with adjustable arms (solid ceilings) with provision for drop rod mounting
Control Gear	Electronic Driver
Colour Temperature (CCT)	4000K (Neutral White)
Maintenance	Via front cover, secured by stainless steel fasteners
Battery	Internal Ni-Cd (6V) (Emergency version only)
Emergency Duration	90 mins (30% output)
Ingress Protection	IP65 to EN 60529
Surge Protection	4kV
Electrical Supply	220-254V AC, 50/60Hz

Features

- ◆ **Fully maintainable** with replaceable LED strips and driver
- ◆ **Quick release** mains terminal
- ◆ **Resistant** to voltage fluctuations
- ◆ Highly **Energy Efficient**
- ◆ **B15 SOLAS fire rating**
- appropriate insulation is required over the luminaire
- ◆ **120,000** maintenance free hours at 25°C (L70)



LED SOLUTIONS

For Harsh & Hazardous Locations



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CURIE ELITE Ex e LED RECESSED LINEAR

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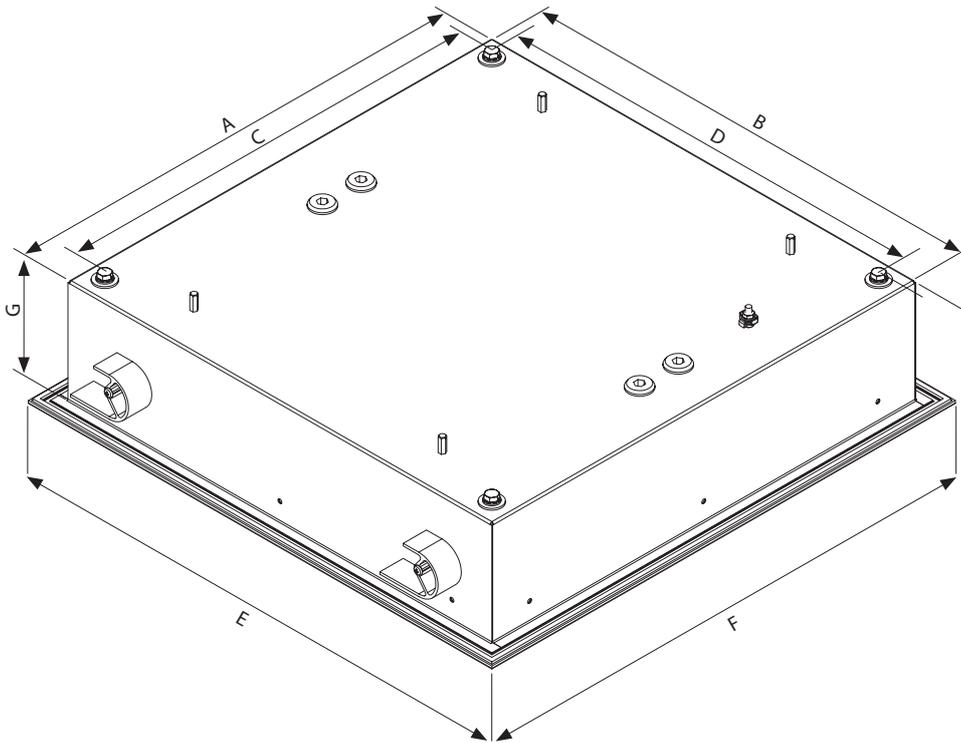
Product design and specifications are subject to change without notice. Please check the Chalmit website for latest specifications.
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Std. Cat No.	Delivered Output	Power Consumption	TClass	T°C (Dust)	Ambient °C*	Weight
CUEE/03L/LE	3407 lm	60W	T4	95	-20 to +45	16.0kg
CUEE/03L/LE/EM	3407 lm	64W	T4	95	-20 to +45	18.0kg

*Insulated ambient range

Options - Suffix to Catalogue No.

/EL	Extra live termination facility (compatible with 4 core switched emergency circuits)	/GIS	Geartray isolation switch (Gas coding becomes - Ex db eb mb op is q IIC)
/25	25mm cable entries	/6K	6000K (Cool Daylight) LED Strips
/SC	Screwed connection terminal block (up to 6mm ² conductors)	/3H	3 hour battery duration (15% output)
/120	Specific voltage (110-130V)	/MST	Modular - Spring 'T' Ceiling
/SSF	Stainless steel front cover	/MET	Modular - Exposed 'T' Ceiling



	A	B	C	D	E	F	G
/MST	547	547	500	500	599	599	135
/MET	572	572	500	500	624	624	135
STANDARD	572	572	500	500	644	644	135



MADE IN BRITAIN

Chalmit

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Harsh & Hazardous

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