

ACCLAIM III

Ex e RECESSIBLE

The Acclaim range of luminaires for fluorescent lamps is available in standard and emergency versions. It is designed for use in offshore accommodation areas where it provides working, emergency and escape lighting.

Manufactured from zinc coated sheet steel the luminaire is suitable for installation in fire resistant ceilings up to SOLAS B15 rating.

The polycarbonate diffuser is available in clear, prismatic or with a glare control louvre. The mounting and cover details are flexible to allow luminaires to be recessed into a variety of ceiling types.

The control gear and batteries are mounted internally on a gear tray and access for lamp replacement and maintenance is simple and easy. The emergency version has excellent light output and duration in accordance with emergency lighting standards.

Comprehensive self-testing periodically confirms the availability of sufficient emergency duration.

The Chalmit Ex e range of fluorescents utilise common spare parts, thus reducing the number of spares required.



Standard Specification

Features

Type of Protection	Ex eqm (Increased safety Powder filling Encapsulation)	Suitable for various ceiling types
Area Classification	Group II Category 2 G D	Automatic lamp de-energisation on opening
ATEX Classification	Zone 1 and Zone 21 areas to EN60079-10 and EN 50281-3 with installation to EN 60079-14 and EN 50281-1-2	Screwless mains terminals
Apparatus Standard	EN 50014 EN 50017 EN 50019 EN 50028 EN 50281-1-1	Battery management, monitoring and automatic self test
Certificate Coding	EC Type Examination Certificate Baseefa04ATEX0286	Resistant to voltage fluctuations
Enclosure	White polyester painted zinc coated steel body and frame. Silicone rubber gasket. Clear polycarbonate diffuser	Local switching arrangement as standard
Reflector/Geartray Entry	White polyester painted zinc coated steel 4 x 20mm holes, two at each end	Ingress protection to IP65
Termination	3 core 6mm ² max conductor with looping and through wiring facility (4 core on emergency)	Electronic control gear gives 50/60Hz operation, high power factor correction and regulation of lamp output
Installation	Fixed side brackets with swing out arms, with provision for drop rod mounting	dc operation (non emergency)
Lampholder	G13 (Bi pin)	3 hour emergency duration (optional)
Lamp Type	T8 tubular fluorescent	B15 SOLAS fire rating
Control Gear	High Frequency	Emergency inhibition and power off re-start
Relamping	Via front cover, secured by pan head slotted screws	CSA Approved
Burning Position	Horizontal	IEC Ex Compliant
Ingress Protection	IP65 to EN 60529	End of life (EOL) protection to IEC 60079-7 (with EOL I and EOL II functionality)
Electrical Supply	220V - 254V 50/60Hz 220V - 300V dc (non-emergency only)	
Battery	Internal Ni-Cd Battery (6V 4 Ah)	
Duration	90 minutes to EN60598-2-22 (3H option)	
Emergency Output	50% of one lamp (18W) 25% of one lamp (36W), 45% - HEO option	

ATEX CATEGORY 2 ZONE 1 & 21 APPLICATIONS

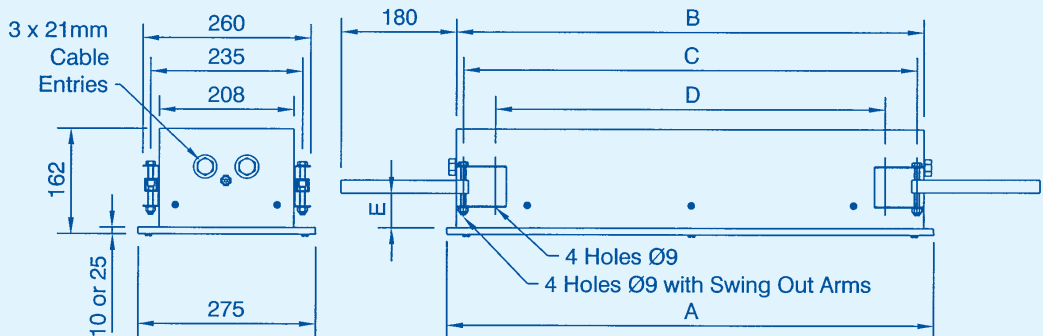
Std. Cat No.	Wattage	Weight
ACLE/218/BI	2x18W	16kg
ACLE/236/BI	2x36W	23kg
ACLE/218/BI/EM	2x18W	19kg
ACLE/236/BI/EM	2x36W	26kg

Applications
 Zone 1 and 2 hazardous areas
 Offshore accomodation
 Offshore washrooms
 Process areas
 Control rooms

Options - Suffix to Catalogue No.

/120	Specific voltage (110/130)
/25	25mm Entries
/RI	Remote emergency inhibition facility (external switch ordered separately)
/3P	3 phase termination facility (not available if through wiring required)
/EL	Extra live termination facility (compatible with 4 core (switched) emergency circuits)
/LG	Low glare louvre
/PD	Prismatic diffuser
/PC	Plasterboard (solid plank) ceiling
/3H	3 hour battery duration
/HEO	High emergency output, 90 minute duration (36W version only)
/NST	High frequency - non self test ballast

Note: Ceiling type must be stated at time of enquiry/order



	A	B	C	D	E 10mm Cover	E 25mm Cover
2 x 18W	750	720	699	601	35 to 70	20 to 55
2 x 36W	1365	1335	1314	1216		

Product design and specifications are subject to change without notice, please check the Chalmers website for latest specifications.