ACCLAIM

Ex e RECESSIBLE

EOL Protected

The Acclaim III is a recessed fluorescent specifically designed for use in solid or plank ceiling types. The luminaire is SOLAS B15 approved and suitable for use in offshore accommodation modules for both task and emergency lighting.

To allow safe and easy maintenance Acclaim III features automatic lamp de-energisation upon opening. Emergency versions provide battery management, monitoring and self-test functions, this ensures safe and dependable battery back-up operation.

Standard Specification

Type of Protection	Ex e mb q (Increased safety Encapsulation Powder filling)
Area Classification ATEX Classification	Group II Category 2 GD Zone 1 and Zone 21 areas to EN60079-10-1 and EN 60079-10-2 with installation to EN 60079-14
Certificate	EC Type Examination Certificate Baseefa04ATEX0286
Coding	Ex II 2G EEx eqm II T4 Tamb = -45°C to +45°C Ex II 2D T95°C
Enclosure	White polyester painted zinc coated steel body and frame. Frame colour RAL 9010. Silicone rubber gasket. Clear polycarbonate diffuser
Reflector/Geartray	White polyester painted zinc coated steel
Entry	4 x 21mm holes, two at one end and two at the other end
Termination	Quick release mains terminals - 3 core 4mm² max. conductor with looping and through wiring facility. 4 core 4mm² connectors on emergency). (6mm² terminations available - /SC option)
Installation	Fixed side brackets with swing out arms, with provision for drop rod mounting
Lampholder	G13 (Bi pin)
Control Gear	High Frequency
Relamping	Via front cover, secured by pan head slotted screws
Burning Position	Horizontal
Ingress Protection	IP65 to EN 60529
Electrical Supply	220V - 254V 50/60Hz 220V - 300V dc (non-emergency only)
Battery	Internal Ni-Cd (6V)
Duration	90 minutes to EN60598-2-22
Emergency Output	50% of one lamp (18W) 25% of one lamp

Features

- Automatic lamp de-energisation on opening
- Battery management, monitoring and automatic self test
- Resistant to voltage fluctuations
- Local switching arrangement as standard
- Ingress protection to IP65
- dc operation (non emergency)
- B15 SOLAS fire rating - appropriate insulation is required over the luminaire
- Emergency inhibition and power off re-start
- End of life (EOL) protection to IEC 60079-7 (with EOL I and EOL II functionality)

International Approvals

ATEX and CSA

IECEx Compliant

Std. Cat No.	Wattage	Lamp	TClass	T° C(Dust)	Ambient °C	Weight
ACLE/218/BI	2x18W	T8	T4	95	-20 to +45	9.5kg
ACLE/236/BI	2x36W	T8	T4	95	-20 to +45	16.5kg
ACLE/218/BI/EM	2x18W	T8	T4	95	-20 to +45	12.5kg
ACLE/236/BI/EM	2x36W	T8	T4	95	-20 to +45	19.5kg

Options – Suffix to Catalogue No.

/120	Specific voltage (110/130)
/25	25mm cable 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
/3H	3 hour battery duration*

* 18W = 30% of one lamp, 36W = 25% of one lamp

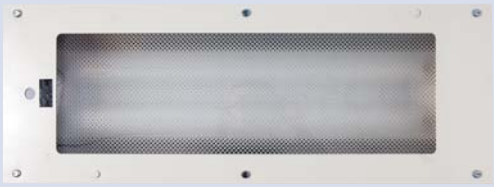
/PD	Prismatic diffuser
/PC	Solid plank ceiling (Painted frame colour RAL 9016G)
/SC	Screwed connection terminal block (up to 6mm² conductors)
/NST	High frequency - non self test ballast
/HEO	High emergency output, 45% of one lamp (36W version only)
/IEC	Supplied with IECEx certification label
/SSCS	Brushed stainless steel cover (M300 ceiling only)
/SSC/PC	Brushed stainless steel cover (Solid ceiling only)

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

Single screw height adjustment

Adjust to ensure ceiling integrity

Standard Clear Diffuser



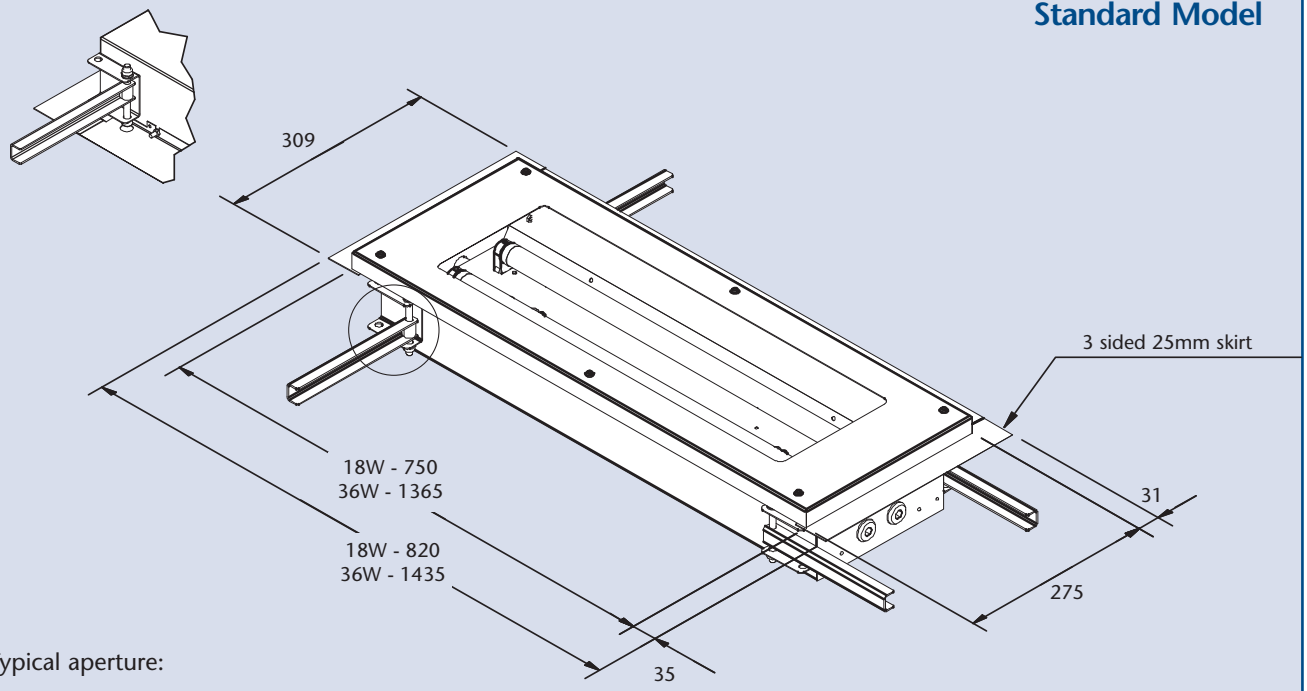
Prismatic Diffuser (/PD)

Low Glare Louvre (/LG)

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

M300 Solid Ceiling Types

Standard Model



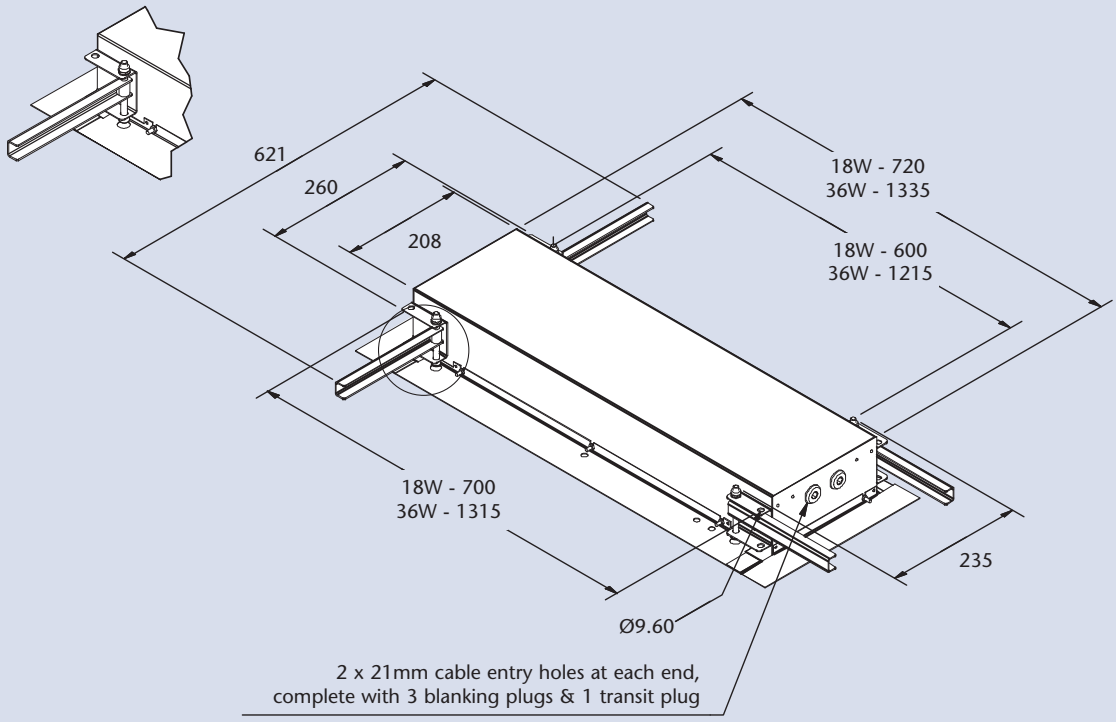
Typical aperture:

Tile length x 800mm (18W)

Tile length x 1415mm (36W)

Front cover depth 25mm

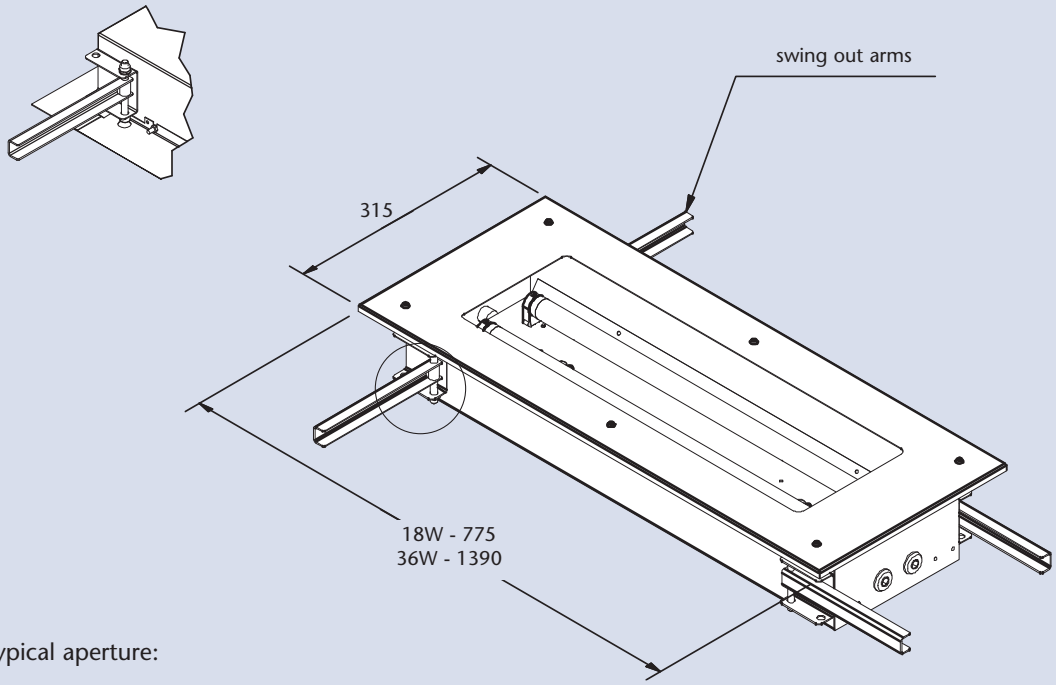
Front view of recessed luminaire



Front cover depth 25mm

Rear view of recessed luminaire

/PC Model



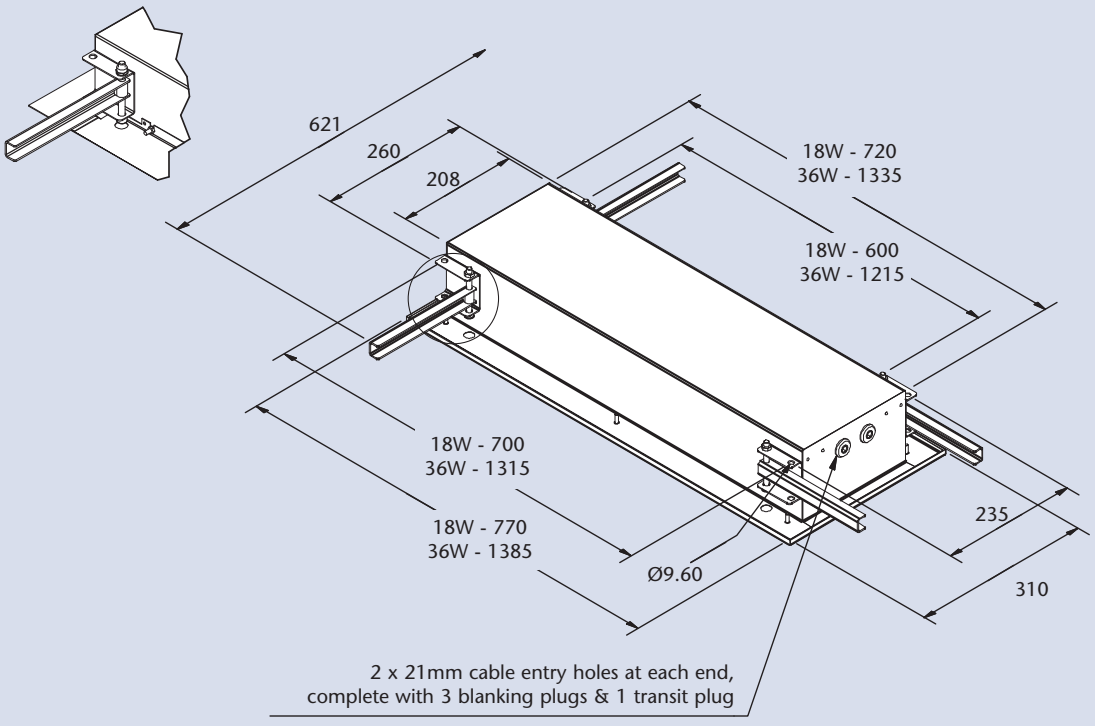
Typical aperture:

(18W) : 300mm x 745 (+/-5mm)

(36W) : 300mm x 1360 (+/-5mm)

Front cover depth 10mm

Front view of recessed luminaire



Front cover depth 10mm

Rear view of recessed luminaire