



ACCLAIM

Ex eb LED Retrofit Geartray

The **Acclaim LED Geartray** is a unique solution to upgrade and utilise the very latest LED technology in existing Acclaim fluorescent. Complete with LED strips and electronic driver, the geartray can be easily retro-fitted into the Acclaim enclosure.

The robust enclosure is not compromised as it remains unchanged and all existing cabling and glanding can remain in place offering significant installation cost savings when upgrading to LED.



International Approvals

Standard Specification

Acclaim Ex eb LED Retrofit Geartray

Type of Protection	Ex eb mb q (Increased Safety, Encapsulation, Powder filling) Ex tb (Dust Protected Enclosure)
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	EU Type Examination Certificate CML16ATEX3095X IECEx Certificate of Conformity IECEx CML16.0043X UK Type Examination Certificate CML 21UKEX1503X
Coding	Ex eb mb q IIC T4 Gb Ex tb IIIC T95°C Db IP65
Geartray	Aluminium
Installation	Fit to existing Acclaim Body - refer to IOM
Control Gear	Electronic Driver
Colour Temperature (CCT)	4000K (Neutral White)
Colour Rendering Index (Ra)	>80
Maintenance	Components accessible on geartray
System Life	120,000hrs @ 25°C [excluding battery]
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

*Only applicable once installed in an Acclaim enclosure

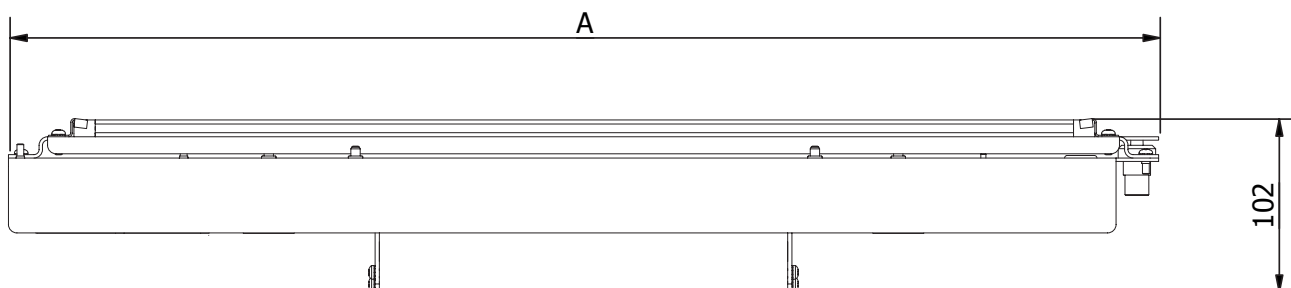
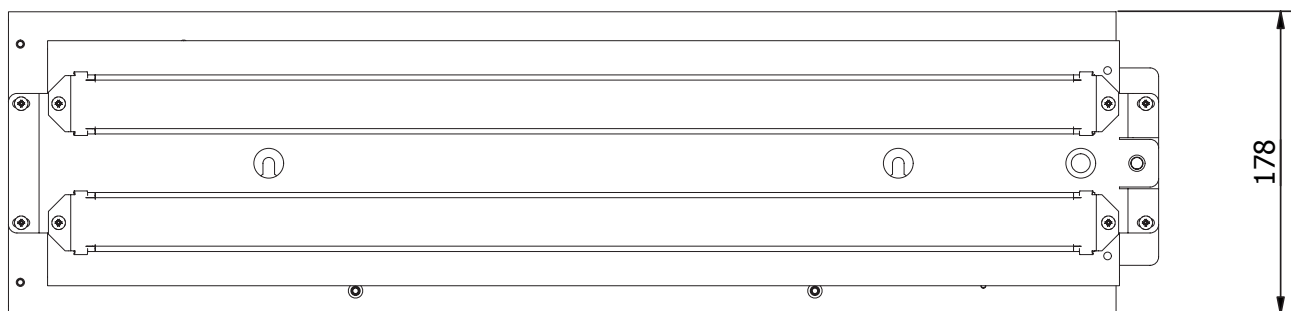
Features

- ◆ Highly **Energy Efficient**
- ◆ **Quick release** mains terminal
- ◆ **Resistant** to voltage fluctuations
- ◆ **Fully maintainable** with replaceable LED strips and driver
- ◆ **120,000 maintenance free hours** at 25°C (L70)

Std. Cat No.	Delivered Output	Power Consumption	Tclass	T°C (Dust)	Ambient °C *	Weight
ACRE/02L/LE	2054 lm	32W	T4	95	-20 to +45	6kg
ACRE/04L/LE	3987 lm	61W	T4	95	-20 to +45	7kg
ACRE/02L/LE/EM	2054 lm	34W	T4	95	'-20 to +45	7kg
ACRE/04L/LE/EM	3987 lm	64W	T4	95	'-20 to +45	8kg

*insulated ambient range

Options - Suffix to Catalogue No.			
/3H	3 hour battery duration (15% output)	/120	Specific voltage (110-130V AC)
/6K	6000K (Cool Daylight) LED Strips		



Model	A
02L	676
04L	1276

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