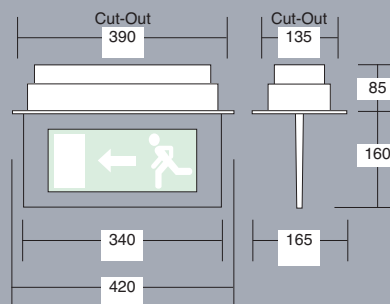




DIMENSIONS :



ASTRA

The Astra range offers an attractive flush mounting luminaire with an optional lens that accommodates a hanging blade exit legend. The luminaires utilise a polycarbonate body and lens in LED. Ease of installation is assured due to the adjustable arms that swing out and clamp down onto the supporting surface. The optional exit panel is moulded with a wedge shape to improve the luminance distribution over the legends. The plain lens seals the recessed enclosure to IP65.

OPERATION

The Astra luminaires are available with 16 x white LEDs with Maintained or mains only operation. (Non-maintained operation is available by excluding a switched live supply).

All emergency versions provide 3 hour duration as standard from integral high temperature Nickel Cadmium batteries. Maintained versions can be used for standard switched mains lighting but will automatically provide emergency lighting in the event of a complete loss of normal mains supply. The hanging blade exit legend panels require a different lens to the plain version and must be ordered as a complete unit.

The benefits of the modern white low power LEDs include long life (typically 50,000hours+), excellent energy efficiency (>100lm/W), low operating temperatures therefore improving the life of the internal Nickel Cadmium (NiCd) batteries and good operation at low ambient temperatures.

The luminaires fully comply with the requirements of EN60598.2.22 and the low energy consumption assists with compliance with Part L requirements.

SPECIFICATION

Light source	16 x white LEDs
Luminaire Lumens	135lm (100lm for Blade version) - same for em
Sign viewing distance	27m (Blade version)
Construction	Polycarbonate base with linear prism lens
Geartray	Hinged white plastic
Dimensions	See drawings
Cable entry	20mm drilling points (polycarbonate)
IP Rating	IP65 (IP20 for Blade version)
Insulation Class	Class 1
Supply voltage	230V~50Hz
Wattage	4.2W
Colour Temp.	4000K-5000K
Battery	3.6V 1.5Ah NiCD
Weight	1.9kg

ORDER CODES	
AS/M3	Astra Led M3/NM3 recessed bulkhead
AS/M3/AD-EC	Astra Led M3/NM3 recessed bulkhead c/w Arrow Down Blade (EC)
AS/M3/LR-EC	Astra Led M3/NM3 recessed bulkhead c/w Arrow Left/Right Blade (EC)
AS/M3/AU-EC	Astra Led M3/NM3 recessed bulkhead c/w Arrow Up Blade (EC)
AS/M3/AD-ISO	Astra Led M3/NM3 recessed bulkhead c/w Arrow Down Blade (ISO)
AS/M3/LR-ISO	Astra Led M3/NM3 recessed bulkhead c/w Arrow Left/Right Blade (ISO)
AS/M3/AU-ISO	Astra Led M3/NM3 recessed bulkhead c/w Arrow Up Blade (ISO)
AS/230	Astra Led Mains only
OPTIONS	
/DALI	Dali or Self Test emergency operation

ASTRA– Emergency Lighting Spacings

Mounting height Hm (m)	Trans. to wall	Trans. to trans.	Axial to trans.	Axial to axial	Axial to wall	
2.5	2.0	6.9	6.1	3.6	1.1	1 Lux min. at centre
4.0	1.5	5.7	5.3	3.4	0.5	
2.5	3.4	9.7	8.0	5.2	1.7	0.5 Lux min. (open)
4.0	2.5	9.5	7.8	5.0	1.0	