Nimbus Panel Luminaire

LED IP44

The Nimbus is a low-profile LED panel. It provides a significant space and energy saving over a traditional T8 recessed fluorescent.

Key Features:
- Excellent uniformity and colour rendering
- Dimmable (Push to dim)
- Emergency version with battery status/fault condition indicator
- 5-year complete system warranty[*]

Luminaire Ratings

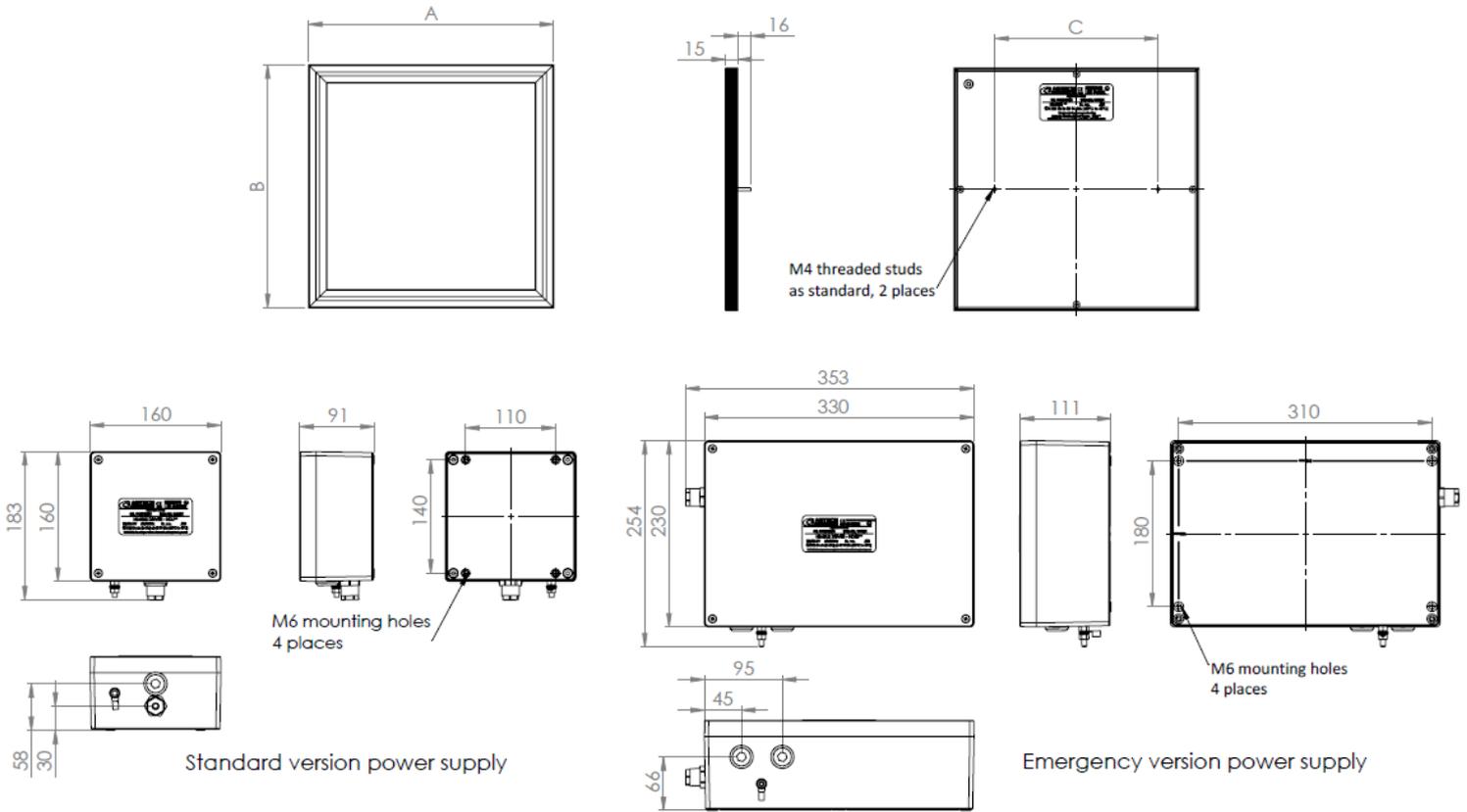| Product Reference	Dimensions (mm)	Power (W)	Lumen Output (lm)	Efficiency (lm/w)	Weight inc. Driver (Kg) Std / Em
LX2NIM051LB57xx**	200 x 350	12W	1,460	121	4.7 / 10.7
LX2NIM12LB57	300 x 600	18W	2,100	116	7.2 / 16.2
LX2NIM14LB57	600 x 600	40W	4,200	105	12.2 / 32

Add **E** to the coding for Emergency version e.g. LX2NIM**E**12LB57, standard is the 180 minute version.

Standard Specifications

Luminaire Type	LED panel luminaire
Ingress Protection	IP44 Panel, IP66 Driver to EN60529
Ambient Range	-20°C to +45°C
Material	Panel: Aluminium frame, PMMA diffuser / Driver: Aluminium enclosure
Lamp Type	Light emitting diode, pure white (5700K)
LED Life	50,000 hours L_{70} @ 25°C
Colour Rendering Index	CRI 80
Installation Connections	3.5m flying lead from driver to panel. Cable is fire retardant LSZH to IEC 60331-21 & 31, IEC 60754-1 and IEC 61034-2
Control Gear	Electronic driver: EN60601-1 (CE), EN61204-3 (EMC), EN61000-4-5 (Surge Protection Class 3)
Dimming	Push to dim: 100% > 75% > 50% > Off
Mounting	Via removable 40mm M4 studs secured on to back plate
Supply	90V to 264V 50/60Hz ac
Emergency Duration	90 minutes at 50% output or 180 minutes at 25% output
Battery	6V 4.5Ah Ni-Cd

Area Classification	Zone 2 Gas
Type of Protection	Panel – Ex ic (intrinsically safe) Driver – Ex ec ib q (increased safety, intrinsically safe, sand filled)
Apparatus Coding	Panel – Ex ic IIC T4 Gc, Driver – Ex ec [ic Gc] qc IIC T4 Gc
Certificate Number	LX2NIM05 & 12 - CML 16ATEX4300X / IECEx CML 16.0020X LX2NIM14 - ABTECH21ATEX4196X

* Warranty excludes batteries for emergency version. ** Supplied as Running Man Exit Sign – add suffix.

Luminaire Dimensions

M4 threaded studs as standard, 2 places

M6 mounting holes 4 places

Standard version power supply

Emergency version power supply

M6 mounting holes 4 places

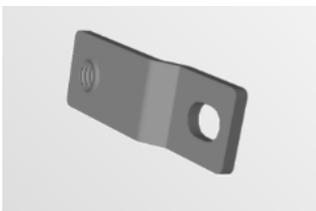|	NIMBUS051	NIMBUS12	NIMBUS14
A	300	300	600
B	150	600	600
C	200	400	400

Options

E90	90-minute emergency duration (90 minutes at 50% output)
RMD	Running Man decal with down arrow (NIME051 only)
RML	Running Man decal with left arrow (NIME051 only)
RMR	Running Man decal with right arrow (NIME051 only)

Add the required suffix to the product reference.
Example: **LX2NIM051LB57RMD** = Zone 2, 12W panel with Running Man Down Arrow decal

Control Enclosure Mounting Feet (LX4NIM-EMF)

Set of four stainless steel mounting feet with fixings for attaching to control gear enclosure.