



**THORNE &  
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# Nimbus Panel Luminaire

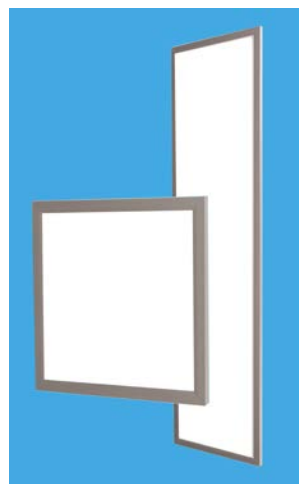


IP44

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

## Key Features:

- Excellent uniformity and colour rendering
- Dimmable (Push to dim)
- Emergency version with battery status/fault condition indicator
- Plug & socket connection between panel and driver for easy installation
- 5-year complete system warranty\*



## Luminaire Ratings

Product Reference	Lamp Type	Dimensions (mm)	Power (W)	Lumen Output	Ambient Temperature
LX1NIM05LB57	LED	150 x 150	12W	730	-20°C to +45°C
LX1NIM051LB57	LED	250 x 350	12W	1,460	-20°C to +45°C
LX1NIM11LB57	LED	300 x 300	17W	1,460	-20°C to +45°C
LX1NIM125LB57	LED	275 x 600	20W	2,100	-20°C to +45°C
LX1NIM12LB57	LED	300 x 600	20W	2,100	-20°C to +45°C

Add **E** to the coding for Emergency version e.g. LX1NIM**E**11LB57, standard is the 180 minute @ 25% version.

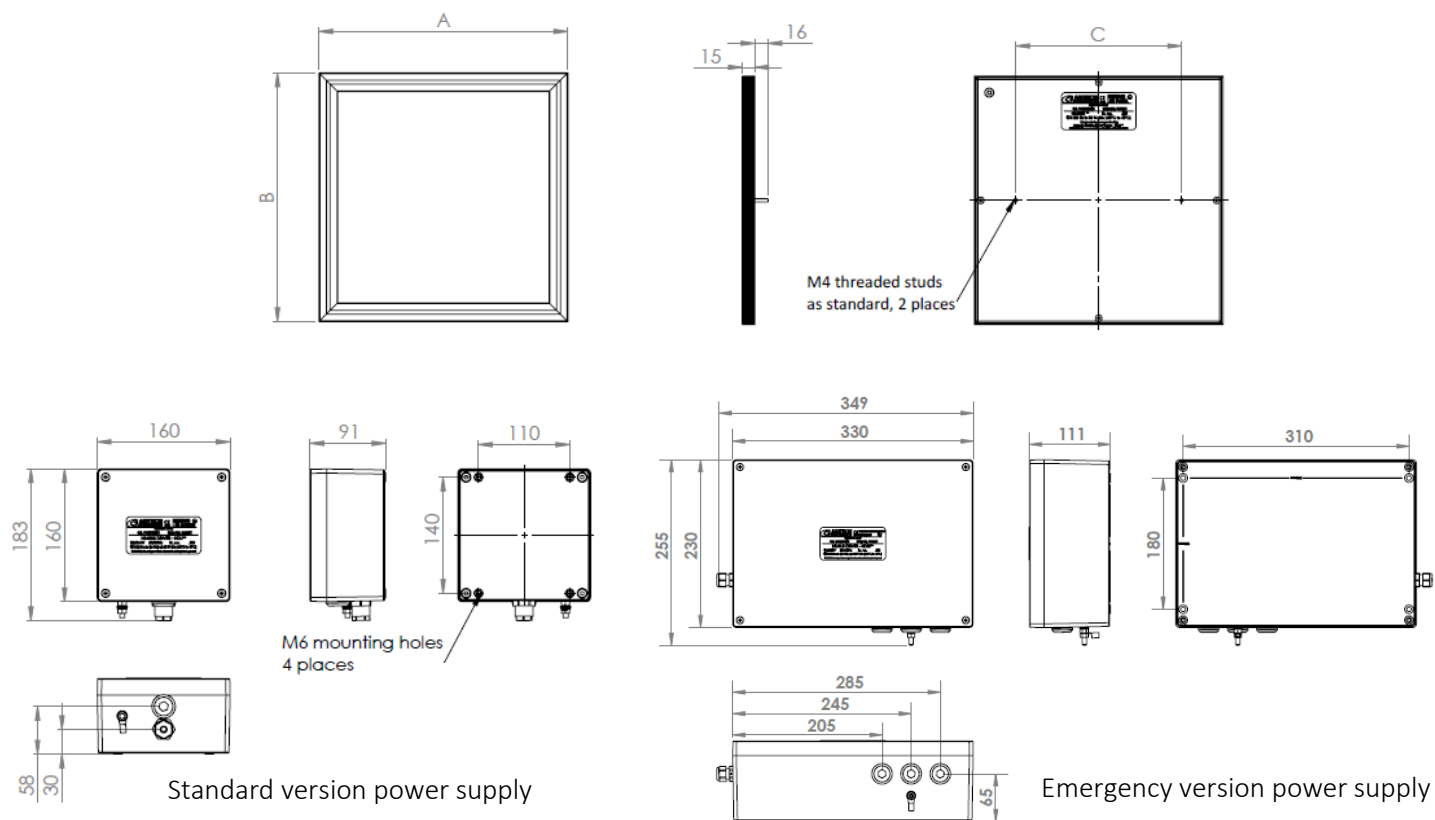
## Standard Specifications

Luminaire Type	LED panel luminaire
Ingress Protection	IP44 Panel, IP66 Driver to EN60529
Material	Panel: Aluminium frame, PMMA diffuser / Driver: Aluminium enclosure
Lamp Type	Light emitting diode, pure white (5700K)
LED Life	50,000 hours L <sub>70</sub> @ 25°C
Colour Rendering Index	CRI 80
Installation Connections	4m 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	Remote HF electronic driver with harmonic protection BS 61000-4-2, 3, 4, 5, 6, 8, 11 and EN 55024, heavy industry level, criteria A. Overvoltage up to 3kVAC.
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	180 minutes at 25% output (optional 90 minutes at 50% output)
Battery	6V 4.5Ah Ni-Cd
Area Classification	Zone 1, Gas
Type of Protection	Panel – Ex ib (intrinsically safe) Driver – Ex eb ib q (increased safety, intrinsically safe, sand filled)
Apparatus Coding	Panel – Ex ib IIB T4 Gb Driver – Ex eb [ib Gb] qb IIB T4 Gb
Certificate Number	CML 16ATEX3026X / IECEx CML 16.0020X

\* Warranty excludes batteries for emergency version

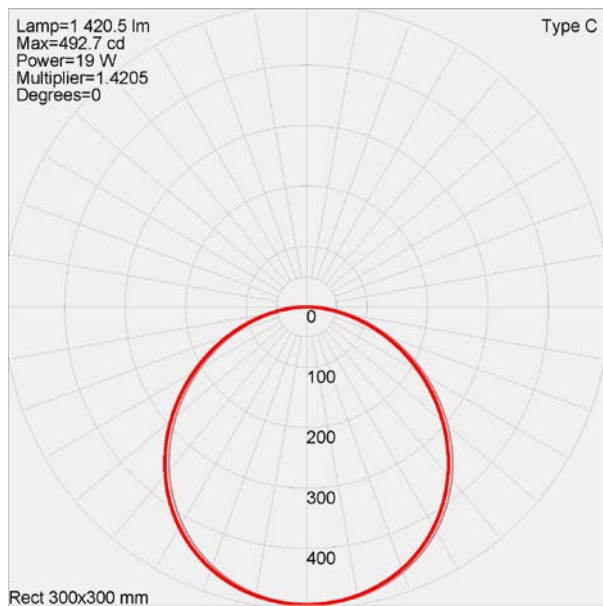
Product design and specifications are subject to change without notice; please check the website for latest specifications

## Luminaire Dimensions



	NIMBUS05	NIMBUS051	NIMBUS11	NIMBUS125	NIMBUS12
A	150	300	300	275	300
B	150	150	300	600	600
C	75	200	200	400	400

## Photometrics



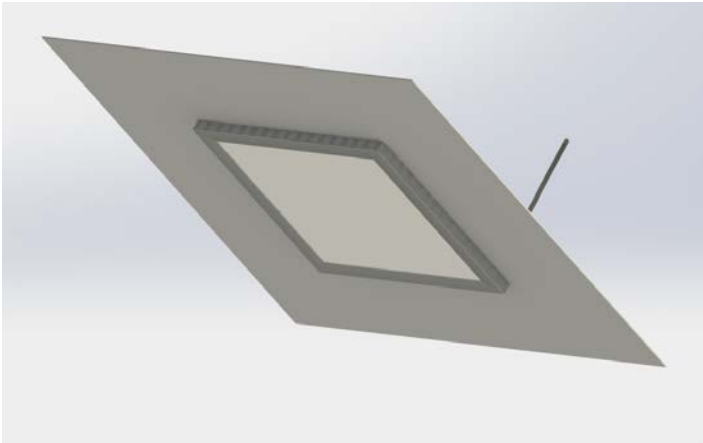
## Options

LB27	Warm white (2700K)
E90	90-minute emergency duration (90 minutes at 50% output)
DS	Dark Start, allows inhibition of battery for use on un-manned platforms
FM60	60mm long flush M4 mount studs with backing plate for insulated tile mounting
RMD	Running Man decal with down arrow (NIM051 only)
RML	Running Man decal with left arrow (NIM051 only)
RMR	Running Man decal with right arrow (NIM051 only)

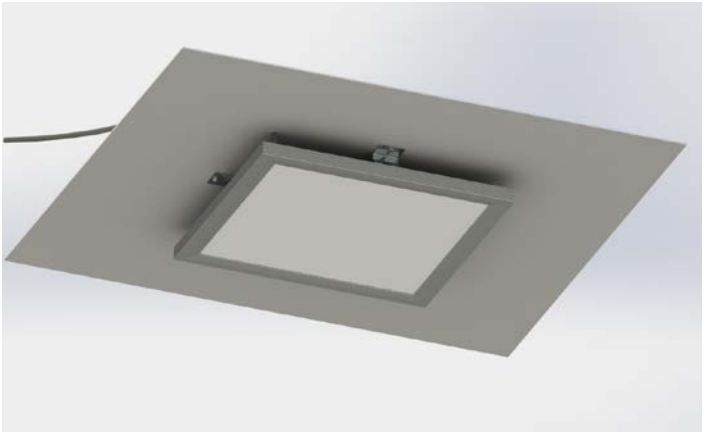
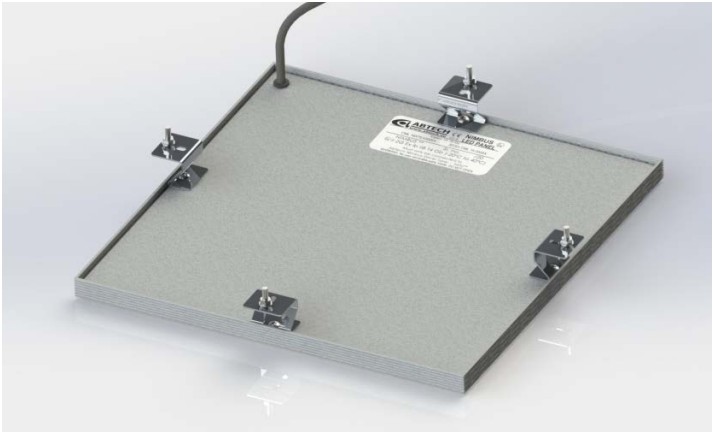
Add the required suffix to the product reference.

Example: **LX1NIM05LB27** = Zone 1, 13W panel with warm white (2700K) LEDs

## Flush Mounted (standard c/w M4 x 40mm studs)



## Stand-Off Bracket Mounted (LX4NIM-SB)



## Control Enclosure Mounting Feet (LX4NIM-EMF)



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



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