



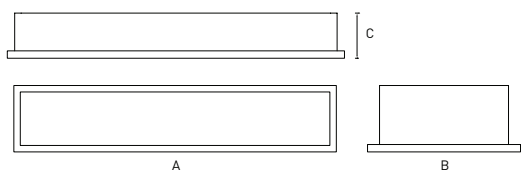
CLEANROOM IP44 LED

A range of luminaires developed for specialist 'cleanroom' applications

- + PLEASE READ THIS GUIDE CAREFULLY BEFORE INSTALLING OR MAINTAINING THIS EQUIPMENT.
- + DATA SHOULD BE USED AS AN INDICATION ONLY.
- + GOOD ELECTRICAL PRACTICES SHOULD BE FOLLOWED AT ALL TIMES.
- + MUST ONLY BE INSTALLED BY A LICENSED ELECTRICIAN.

N18226

TECHNICAL INFORMATION



Fitting	A	B	C	kg.	Cutout	
1220 x 330	1220	330	100	9.9	1190	300
660 x 330	660	330	100	6.1	630	300
660 x 660	660	660	100	9.9	630	630

W	Size	System lm	lm	lm/W	K	CRI	Power Factor	COI	Code
Cleanroom IP44 - DELTA									
30	1220 x 330	4000	2836	95.4	4000	93	0.96	2.2	EL-CR44L-1102-
47	1220 x 330	6000	4277	91.0	4000	93	0.98	2.2	EL-CR44L-1103-
17	660 x 330	2000	1422	83.4	4000	93	0.90	2.2	EL-CR44L-3102-
25	660 x 330	3000	2059	83.4	4000	93	0.94	2.2	EL-CR44L-3103-
30	660 x 660	4000	2872	96.2	4000	93	0.96	2.2	EL-CR44L-5102-
47	660 x 660	6000	4301	91.9	4000	93	0.98	2.2	EL-CR44L-5103-

SPECIFICATION



Luminaire's light distribution is direct.



Denotes which light source/light sources that can be supplied with the luminaire. Several symbols next to the same luminaire indicate that the luminaire is available in different designs.



IP classification:
IP44 : Protected against solid objects over 1mm (tools, wires, and small wires). Protection against splashing water from any direction (splash proof) - limited ingress permitted.



Class I : Appliances with functioning insulation. Equipped with an earth termination.



Luminaire is available in designs for conventional emergency lighting operation.



This luminaire is not suitable for covering with thermally insulating material.

Wiring options	Suffix
Standard	-000
DALI/STD terminal block	-200
Standard/Fused terminal block	-400
DALI/Fused terminal block	-600
Maintained Emergency	-800
Maintained DALI Monitored Emergency	-801

Technical specifications
Total Luminaire Efficacy Maximum, 96lm/w (CRI 90+)
MacAdam 3 SDCM Initial
CRI 93
Lifetime L90/B10/up to 69,000 hrs
System guarantee 5 years
30W: 1.26/m ² /100 lux
47W: 1.32W/m ² /100 lux

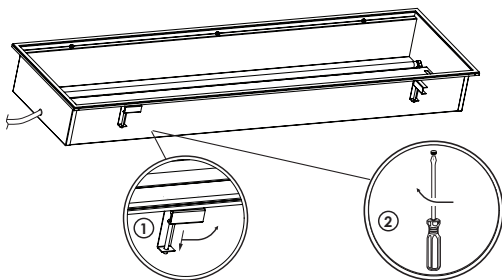
PLEASE NOTE: The cutout sizes shown above refer to **only** these specific product codes and **no other** Cleanroom products. If you are unsure of the cutout size required for your Cleanroom fitting, please ask your ELA representative.

INSTALLATION INSTRUCTIONS

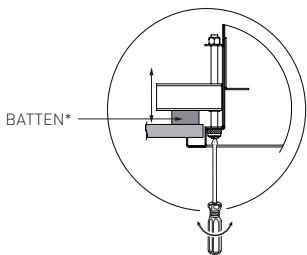
The Cleanroom IP44 LED luminaire is shipped as a complete luminaire.

Cleanroom IP44 LED | Plaster Recessed

- Step 1: Starting from one corner release frame from base by forcing pressure upwards to release the seal in positions in the four corners. Frame will still remain attached to base by interior torsion springs.
- Step 2: Slide hand between frame and base into fitting to release torsion springs from the base. 4 x torsion springs require squeezing inward on base end of the spring to release frame from base.
- Step 3: Ensure toggle arms are turned in and run flush against body of fitting so it will enter ceiling cut out. Using Phillips head screwdriver, turn screw anti-clockwise to ensure toggle recess arms are set to maximum travel to allow a maximum ceiling thickness of 50mm.



- Step 4: Use a Phillips head screwdriver in a clockwise direction to tension up toggle recess arms against inside of ceiling. Perform this on all four screws to secure fitting to ceiling.

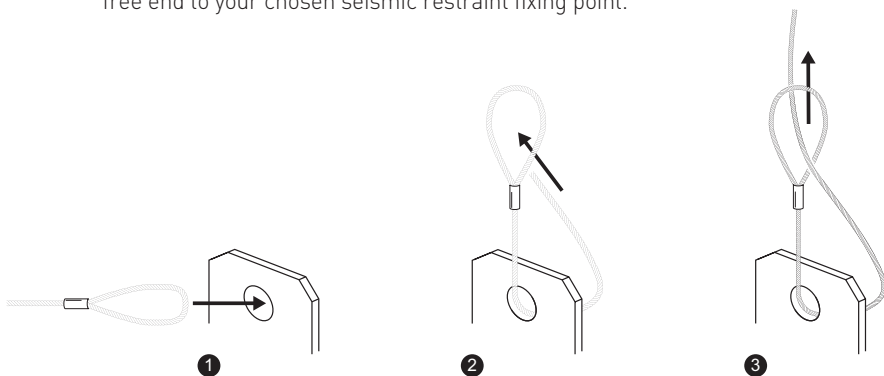


- Step 5: Once all the torsion springs are reattached, press the frame firmly against the body. This will fully engage the torsion springs and will result in a tight seal.

*Batten: Note, install timber or ceiling batten to support fitting along body under swing arms to be provided by others.

Seismic Restraint Installation

- Step 1: Thread suspension wire through seismic restraint tag.
- Step 2: Thread the free end of the suspension wire through the loop.
- Step 3: Attach the gripper to the free end, allowing enough wire to attach the free end to your chosen seismic restraint fixing point.



CLEANROOM IP44 LED

GENERAL INFORMATION

- + A qualified electrician, in accordance with AS/NZS 3000:2007 wiring regulations should carry out connection to mains wiring.
- + This unit must be EARTHED.
- + Ensure that the rated voltage and frequency requirements are compatible with the available mains supply, 220-240V 50Hz
- + Cleaning of reflectors and lenses should be carried out using clean, soft and lint free cloths and anti-static cleaning fluid.
- + Do not carry out high voltage insulation test i.e. 500/1000V this may damage the fixtures electrical components.

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