

Product Data & Specifications

Cleanroom LED Light Fixtures

Cleanroom LED Light Fixtures are ideal for general purpose cleanrooms, pharmaceutical cleanrooms, biomedical labs, food processing centers and hospitals.

Sealed Housings Maintain Integrity

The durable stamped housing creates a fully sealed, maintenance-free LED chamber with an extruded aluminum frame and white powder coat finish. The smooth formed sides make it safe for handling. Construction prevents the infiltration of particles and other airborne contaminants.

Optical System

Precision engineered textured polystyrene diffuser. No visible diodes, hot spots, or shadows providing high uniformity and reduced glare.

Standard Features

- Extruded aluminum frame with white powder coat finish
- Pre-mounted integral LED driver
- Operates on 120/240/277v AC
- 35.2 watts, delivers 4,478 lumens, 127.2 Lumens/Watt
- UL listed and damp location rated

Easy to Install

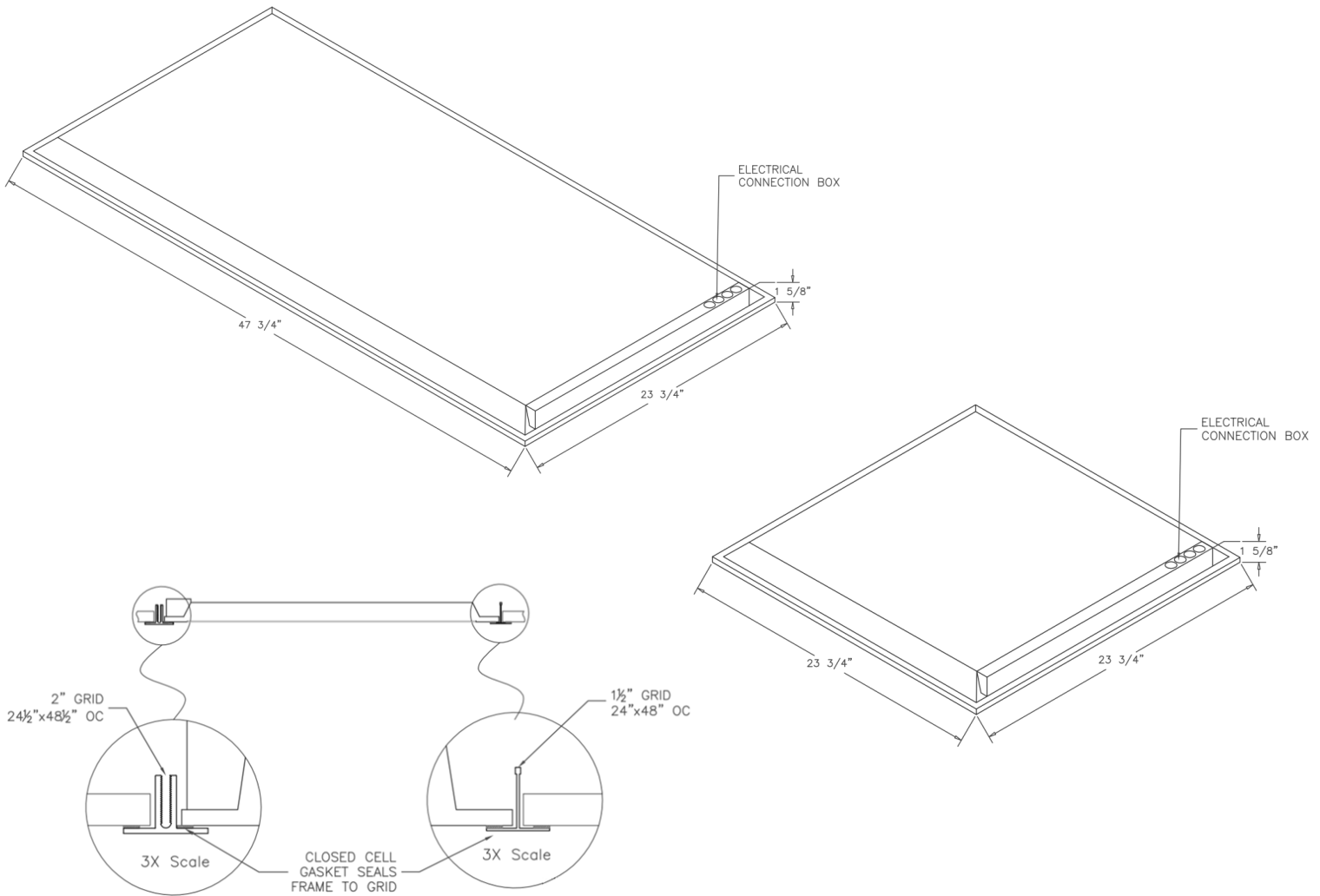
- Easily fits into standard ceiling grids and is available in 2 x 2 and 2 x 4 configurations
- Single cover plate with access to both line and low voltage connections
- Integral grid tie clips with wire holes provided for seismic requirements

Optional Features

- 8' power cord 110v-120v only
- Drywall adaptor/flange kit
- Emergency battery backup



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Performance Data & Information						
Part Number	Nominal Size	Voltage	Lumens	Watts	Lumens/Watt	
148530	2 X 2	120-277V AC	3455	27.3	126.6	
148531	2 x 4	120-277V AC	4478	35.2	127.2	
Other sizes available (special order)						
703902	8' Power cord 110v-120v only					
	Emergency Battery Pack for either 120V or 277V					
	Dry wall frame kit					

For installations where power surge may be possible, it is recommended to install additional surge protection at the fixture or electrical distribution panel. This product is certified for direct contact with insulation. Operating temperature rating of -4°F to 104°F (-20°F to 40°F). Full range dimming via 0-10v DC controls; output source current of 1mA. TM-21 reported L70(10k) life > 100,000 hours.