Clean Rooms International
Designing Flexible Solutions

Cleanroom LED Light Fixtures

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

Sealed Housings Maintain Integrity

Maintenance free, fully sealed 20ga durable steel construction housings maintain ceiling integrity and protect against infiltration of particles and airborne bacteria. Housings are painted with a white powder-coat finish.

Optical System

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

Features of Standard Fixtures

Standard fixtures feature a 120-277 multi-voltage long life LED system and a pre-mounted driver making installation easier than before. Mounting holes are also provided for hanging wire. LED projected lifetime is 136,000 hrs. The driver offers full range dimming from 0-10VDC.

Cover for Quick Access

Installation is easy because an access box on the top bevel allows quick access for wiring to the building power source.
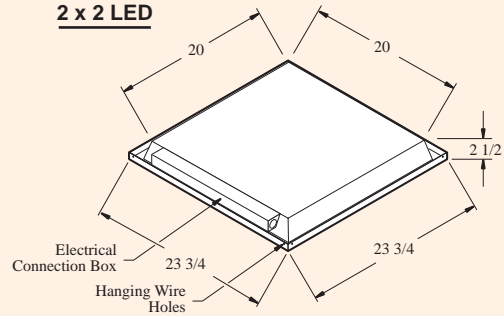
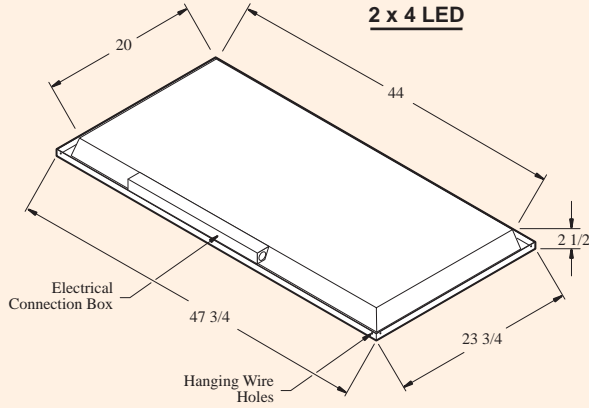### UL Compliance

LED light fixtures are UL listed. Also, labeled as DLC QPL certified.
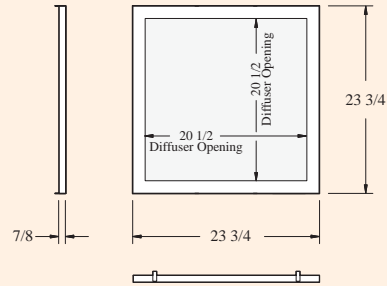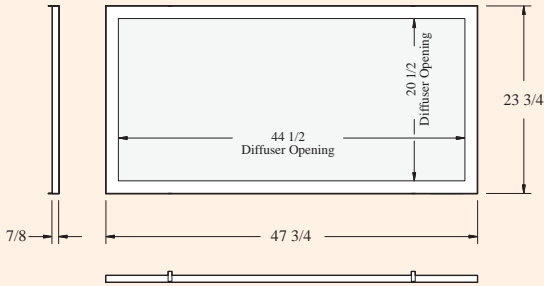
Emergency Battery Pack

All models are available with an optional Emergency Battery Pack. In the event of a power failure, a 2x4 fixture equipped with this option will deliver 1000-800 lumens for up to 90 minutes, a 2x2 fixture equipped with this option will deliver 1000-900 lumens for up to 90 minutes.
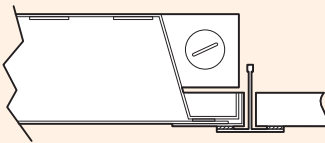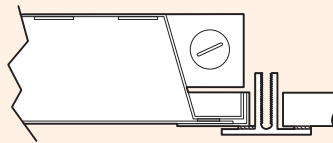
2 x 4

2 x 2

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2 x 4 LED

20
44
2 1/2
Electrical Connection Box
47 3/4
23 3/4
Hanging Wire Holes

2 x 2 LED

20   20
2 1/2
Electrical Connection Box
23 3/4
Hanging Wire Holes
23 3/4

Lens Frame and Lens

20 1/2 Diffuser Opening
23 3/4
44 1/2 Diffuser Opening
7/8
47 3/4

20 1/2 Diffuser Opening
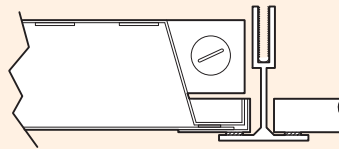23 3/4
20 1/2 Diffuser Opening
7/8
23 3/4

LED Lights Fit These CRI T-Grid Systems

CRI 1 1/2" Cleanroom Grid
24" x 48" o.c.

CRI 2" HD Structural Grid
24 1/2" x 48 1/2" o.c.

CRI 2" Walkable Grid
24 1/2" x 48 1/2" o.c.

Consult with factory when using 2" HD Grid or 2" Walkable Grid on 2'x 4' centers.

Ordering Information

Part No.	Nominal Size	Voltage	Power Draw	Delivered Lumens (Lm)	System Efficacy (Lm/W)	Correlated Color Temp (K)	Color Rendering Index (CRI)	Weight
148523	2 x 2	120V - 277V	29 watts	3458	119.5	4890	85	16 lbs. (7.3 kg)
148522	2 x 4	120V - 277V	42 watts	4617	117.5	4890	85	20 lbs. (9.0 kg)
	Other sizes available (special order)							
703902	Optional 8' Power Cord 110V-120V Only							
	Emergency Battery Pack 120V							
	Emergency Battery Pack 277V							

304A
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May/2017