

LumiTray

1 X 4 | 2 X 4 | 2 X 2

STANDARD LED FLAT PANELS

PROJECT _____

TYPE _____

SPECIFICATION _____

- Designed for recessed use in the standard drop ceilings; Surface and recess mount kits available
- Aluminum frame, steel housing back plate, PMMA (polymethyl methacrylate) LED lenses
- Uniform color and back-lit output with no visible LEDs
- 120 - 277 V universal; 50/60 Hz
- 0-10 V dimming standard
- Power Factor > 0.90
- Total harmonic distortion < 20%
- Operating Temperature Range: -20°C to 40°C
- >140,000 Hours (L70)
- Flicker-free per IEEE1789-2015
- RoHS-compliant
- UL Listed for damp locations
- DLC Listed
- IC rated



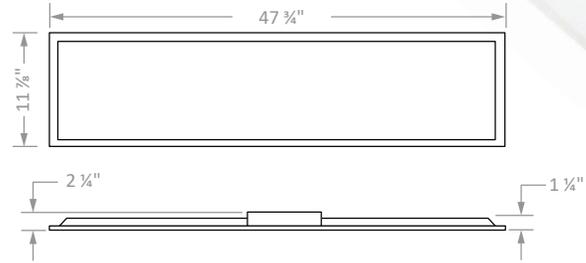
Ordering Information

Example: FP24/835/50S/WH/EM

Ordering Information									
<table border="0"> <tr> <td>CRI</td> <td>CCT</td> <td>Finish</td> <td>Options + Accessories</td> </tr> <tr> <td>8 - 80+</td> <td>35 - 3500K 40 - 4000K 50 - 5000K</td> <td>WH - White</td> <td>SM - Surface Mount Kit FM - Recess Mount Kit CB - Cable Mount Kit EM¹ - Emergency Backup; 1600 lumens, CEC listed; Field Installation</td> </tr> </table>	CRI	CCT	Finish	Options + Accessories	8 - 80+	35 - 3500K 40 - 4000K 50 - 5000K	WH - White	SM - Surface Mount Kit FM - Recess Mount Kit CB - Cable Mount Kit EM ¹ - Emergency Backup; 1600 lumens, CEC listed; Field Installation	
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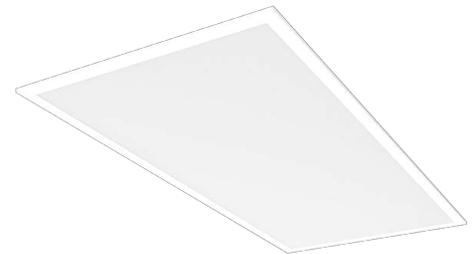
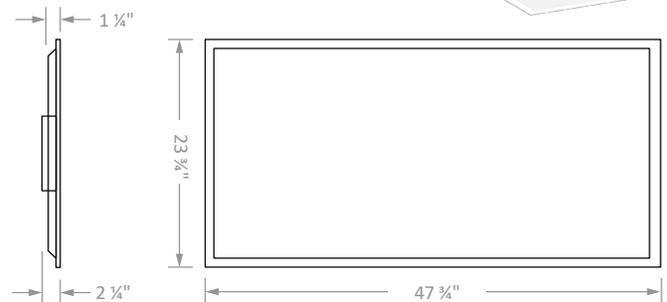
FP14

Weight: 5.0 lbs.



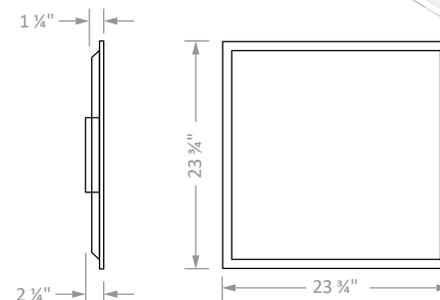
FP24

Weight: 9.0 lbs.



FP22

Weight: 9.0 lbs.



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OPTIONS + ACCESSORY DETAILS

Flange Mounting Kit

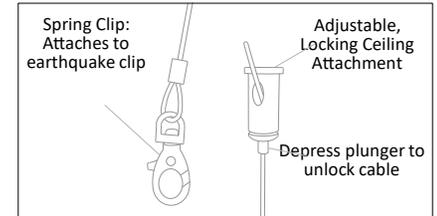
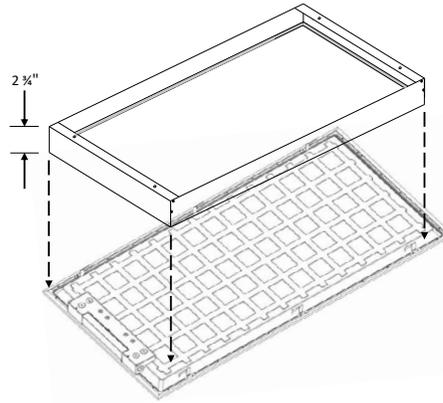
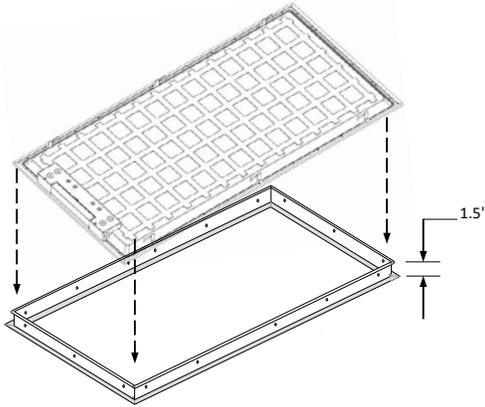
- For recessed/flush installation on plaster, drywall, or other hard ceiling
- Mounts to ceiling joists or other stationary structures

Surface Mounting Kit

- Mounts below ceiling

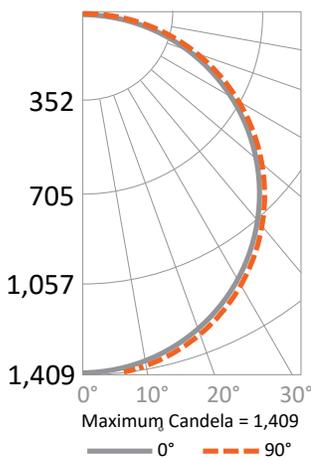
Cable Mount Kit

- QTY 6
- 39 3/8" long, 1/16" diameter spring clips + adjustable, locking ceiling attachment



PHOTOMETRIC DETAILS

FP14/850/40P



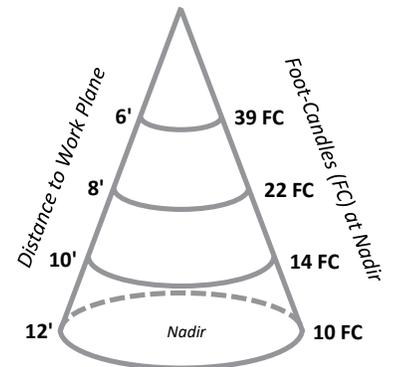
Candlepower Summary

Beam Angle	Candlepower	Beam Diameter
0°	1,409	1,409
10°	1,387	1,387
20°	1,319	1,327
30°	1,205	1,221
40°	1,050	1,069
50°	859	877
60°	639	644
70°	401	405
80°	176	177
90°	2	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	133	3.2%
0° - 20°	517	12.4%
0° - 30°	1,103	26.5%
0° - 40°	1,817	43.6%
0° - 50°	2,563	61.5%
0° - 60°	3,240	77.7%
0° - 70°	3,760	90.2%
0° - 80°	4,069	97.6%
0° - 90°	4,162	99.8%
90° - 180°	7	0.2%
0° - 180°	4,169	100.0%

Cone of Light



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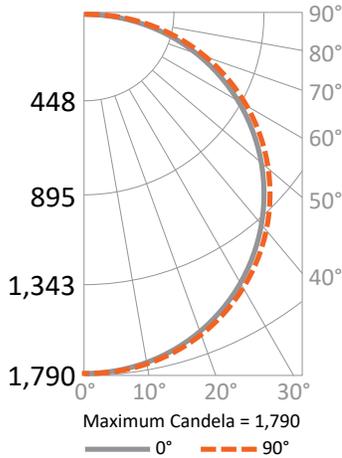
PROJECT _____

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PHOTOMETRIC DETAILS

FP24/850/50S



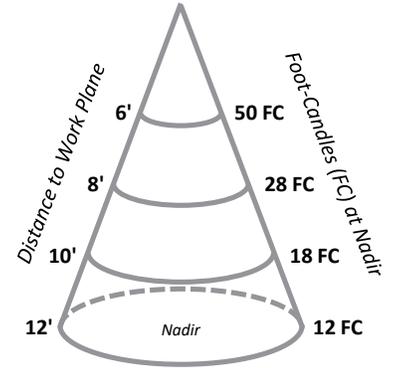
Candlepower Summary

Beam Angle	Candela	Foot-Candles
0°	1,790	1,790
10°	1,763	1,762
20°	1,679	1,686
30°	1,537	1,555
40°	1,342	1,364
50°	1,099	1,120
60°	817	834
70°	513	516
80°	224	225
90°	2	1

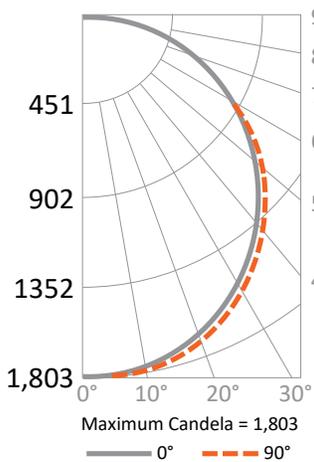
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	169	3.2%
0° - 20°	658	12.4%
0° - 30°	1,405	26.4%
0° - 40°	2,315	43.5%
0° - 50°	3,269	61.4%
0° - 60°	4,138	77.7%
0° - 70°	4,805	90.3%
0° - 80°	5,198	97.7%
0° - 90°	5,317	99.9%
90° - 180°	6	0.1%
0° - 180°	5,323	100.0%

Cone of Light



FP24/850/50P



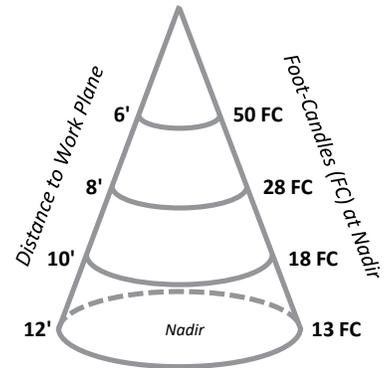
Candlepower Summary

Beam Angle	Candela	Foot-Candles
0°	1,803	1,803
10°	1,777	1,777
20°	1,693	1,702
30°	1,551	1,572
40°	1,354	1,380
50°	1,108	1,133
60°	825	846
70°	523	528
80°	233	234
90°	5	1

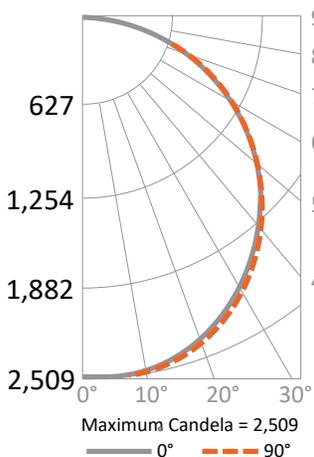
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	171	3.2%
0° - 20°	663	12.3%
0° - 30°	1,417	26.3%
0° - 40°	2,336	43.4%
0° - 50°	3,298	61.2%
0° - 60°	4,176	77.6%
0° - 70°	4,852	90.1%
0° - 80°	5,254	97.6%
0° - 90°	5,379	99.9%
90° - 180°	6	0.1%
0° - 180°	5,385	100.0%

Cone of Light



FP24/850/70P



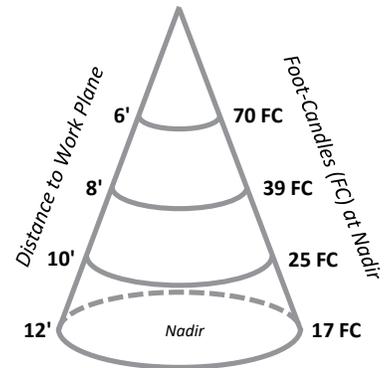
Candlepower Summary

Beam Angle	Candela	Foot-Candles
0°	2,509	2,509
10°	2,474	2,470
20°	2,356	2,364
30°	2,157	2,181
40°	1,884	1,913
50°	1,542	1,571
60°	1,148	1,169
70°	719	726
80°	311	316
90°	6	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	237	3.2%
0° - 20°	922	12.4%
0° - 30°	1,968	26.4%
0° - 40°	3,244	43.6%
0° - 50°	4,578	61.5%
0° - 60°	5,793	77.8%
0° - 70°	6,725	90.4%
0° - 80°	7,270	97.7%
0° - 90°	7,433	99.9%
90° - 180°	9	0.1%
0° - 180°	7,442	100.0%

Cone of Light



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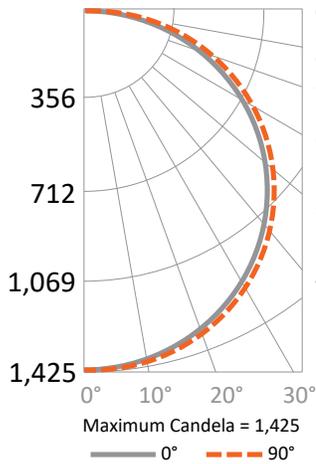
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PHOTOMETRIC DETAILS

FP22/850/40S



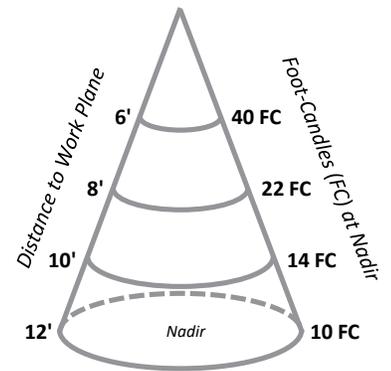
Candlepower Summary

Beam Angle	Candela	Foot-Candles
0°	1,425	1,425
10°	1,397	1,400
20°	1,332	1,337
30°	1,229	1,237
40°	1,087	1,096
50°	904	913
60°	682	688
70°	433	431
80°	185	178
90°	9	0

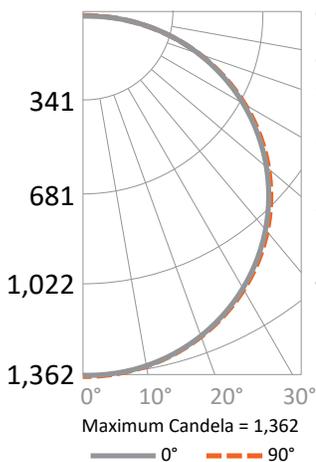
Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	135	3.0%
0° - 20°	525	11.8%
0° - 30°	1,127	25.3%
0° - 40°	1,870	42.0%
0° - 50°	2,666	59.9%
0° - 60°	3,409	76.6%
0° - 70°	3,993	89.7%
0° - 80°	4,341	97.6%
0° - 90°	4,445	99.9%
90° - 180°	4	0.1%
0° - 180°	4,449	100.0%

Cone of Light



FP22/850/40P



Candlepower Summary

Beam Angle	Candela	Foot-Candles
0°	1,362	1,362
10°	1,340	1,341
20°	1,282	1,284
30°	1,188	1,192
40°	1,056	1,062
50°	886	891
60°	675	682
70°	436	442
80°	193	200
90°	1	14

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	129	3.0%
0° - 20°	502	11.7%
0° - 30°	1,078	25.1%
0° - 40°	1,791	41.7%
0° - 50°	2,556	59.5%
0° - 60°	3,272	76.2%
0° - 70°	3,839	89.4%
0° - 80°	4,182	97.4%
0° - 90°	4,289	99.9%
90° - 180°	4	0.1%
0° - 180°	4,293	100.0%

Cone of Light

