

LED 2X4 Flat Panel Lumen & Color Selectable 120-277V Dimm - Specification Sheet

Product #: 90520 Product Code: FPL-24-LS-CS-UNV



Product Details	
Watts	Selectable 30W, 35W or 40W
Color Temp	Selectable 3500K, 4000K or 5000K
Lumens	Selectable Lumens 3700-4300-5600
Voltage	120-277V
Bulb Type	
Base Type	
Dimmable	Yes (0-10V)
Equivalent Watts	
Amps	
Input Frequency	50/60Hz
Length	
Size	2x4
Warranty (years)	5
Color Selectable	Yes
Wattage Selectable	Yes (Lumen Select)
Filament Type	
Technology	LED
Market	Commercial
Applications	

Certifications	
UL Listed	
ETL Listed	Yes
DLC Qualified	DLC 5.1 Premium
Energy Star Certified	
IC Rated	Yes
IP Rating	IP20
JA-8	
Title 20	
Title 24	Yes
RoHs	Yes
Certifications	ETL Listed - DLC 5.1 Premium - Damp Location - IP20 Rated - IC Rated - Rohs - CA Title 24

Performance	
Average Life	50,000
Color Rendering Index (CRI)	80
Power Factor	0.9
Beam Angle	115
Beam Type (Spread)	
Light Dist. Type	
Open -Closed Rated	
Environment (wet, damp,etc)	Damp
Operating Position	

For Submittals	
Date	
Location	
Type	
Project	
Notes	

Product Identifiers	
Short Name	Flat Panel 2x4
Product Name	LED 2X4 Flat Panel Lumen & Color Selectable (3750-5625Lum 3500K 4000K 5000K) UNV 120-277V 0-10V Dimmable (Backlit Technology)
Product Id	90520
Product Code	FPL-24-LS-CS-UNV
UPC	807154905201
Manufacturer	Halco Lighting Technologies
Brand	Halco

Packaging & Weights	
Sold in Multiples of	1
Inner Package Size	1
Master Carton Size	2
Contains Single Inner Sleeve	
Weight per Item	9

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Construction	
Base Material	
Housing Material	Steel Housing with Aluminum Frame. Optional extended junction box for additional wiring space (sold separately).
Finish	White
Trim Color	
Trim Design	
Mount Included	no
Mount Options	Recessed or Surface (Surface and Drywall mounts sold separately)
Lens	
With Lens Guard	

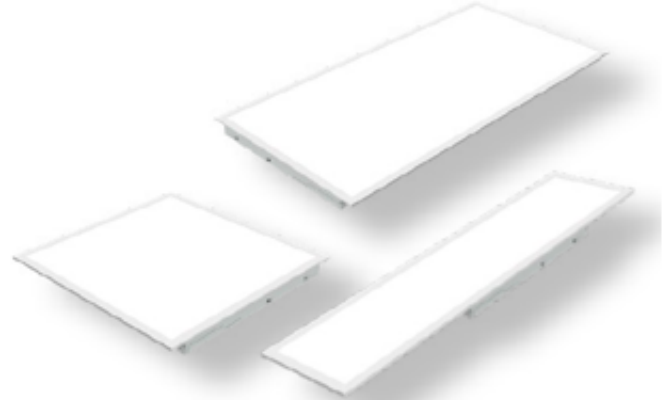
Other Features	
Emergency Backup Available	Yes
Included Accessory	
Integrated Controls Available	

Ballast Features	
Ballast Type	
Ballast Lamp Type	
Number of Lamps	
Primary Lamp	
Start Type	
Ballast Lamp Watts	
Ballast Lamp Connection	

LED Luminaires

Flat Panel

- 1'X4', 2'X2' and 2'X4' fixture sizes
- Select from 3500K, 4000K, or 5000K CCT
- Select from three lumen output levels
- All FPLCR Flat Panels come with a 3.5mm receptacle for integrated fixture sensors
- 0-10V Dimming to 10%



Specifications

Description

The Flat Panel Series is a family of highly efficient, versatile, configurable recessed fixtures, designed for recessed applications. The DLC Premium listed panels offer lumen output and color temperature selectability, making their versatility and simple aesthetic design perfect for educational, commercial and retail and applications.

Performance

- Field selectable CCT (3500K, 4000K, 5000K)
- Field selectable lumen output
- 120-277V, 50/60 Hz 0-10V dimming driver to 10%
- 80 CRI
- L70 Lumen maintenance > 50,000 hours
- 5 year limited warranty

Construction

- Steel housing with aluminum frame
- Field selectable CCT switch
- Field selectable lumen output switch

Certifications

- cETLus rated for damp locations
- IC Rated for direct contact with insulation
- DLC Premium listed
- Product can be used to comply with CA Title 24 standards
- IP20
- RoHS compliant
- FCC part 15 compliant
- TAA compliant

Flat Panel

Performance Table

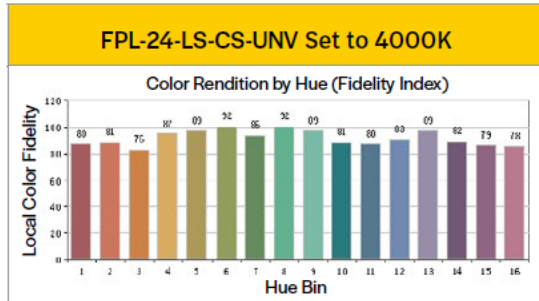
Product Code	Wattage	3500K		4000K		5000K	
		Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)	Lumen (lm)	Efficacy (lm/W)
FPL-14-LS-CS-UNV	20W	2595	134	2660	141	2628	136
	25W	3163	132	3263	139	3204	134
	30W	3608	129	3730	137	3646	131
FPL-22-LS-CS-UNV	20W	2735	136	2857	145	2871	142
	30W	3875	131	4085	142	4050	136
	35W	4385	128	4631	139	4561	134
FPL-24-LS-CS-UNV	30W	3977	135	4167	146	4158	141
	35W	4565	132	4814	144	4770	138
	45W	5660	126	5993	139	5882	131

Dimmer Compatibility List

Dimmer Brand	Series
LEVITON	IP70-LFZ
LEVITON	DVSTV-WH
COOPER	DF10-PC1

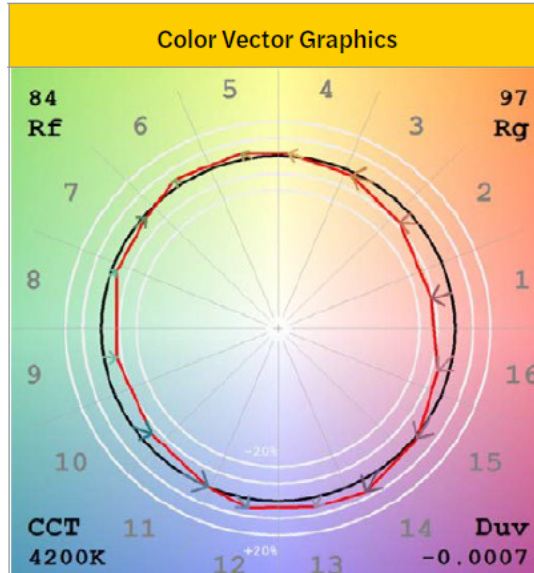
Photometric Information

90520 FPL-24-LS-CS-UNV_4000K_30W



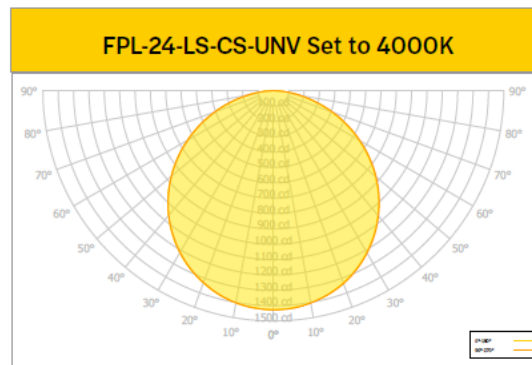
Zonal Lumen Summary

Zonal	Lumens	% Fixture
0° - 10°	143	3%
10° - 20°	387	9%
20° - 30°	588	14%
30° - 40°	713	17%
40° - 50°	745	18%
50° - 60°	677	16%
60° - 70°	520	12%
70° - 80°	304	7%
80° - 90°	90	2%
0° - 90°	4,167	100%



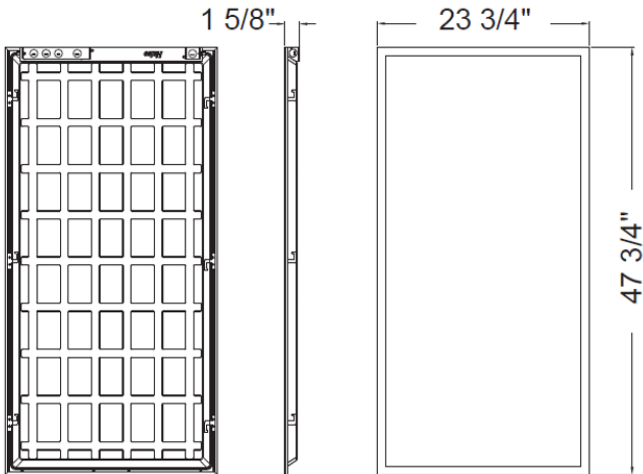
Information

RF	84
RG	97



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2x4