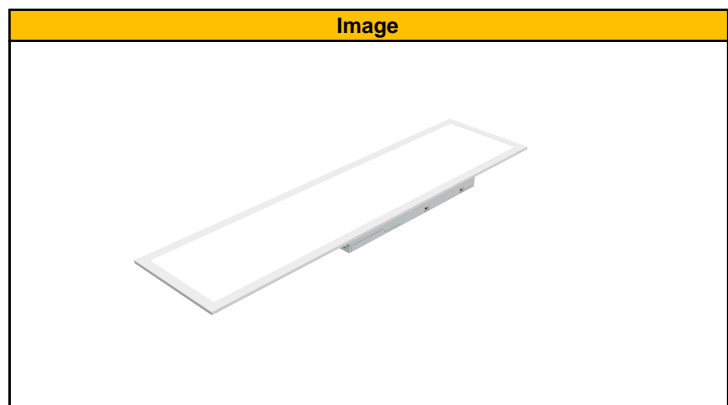


LED 1X4 Flat Panel Lumen & Color Selectable 120-277V Dimm - Specification Sheet

Product #: 90518 Product Code: FPL-14-LS-CS-UNV



Product Details	
Watts	Selectable 20W, 25W or 30W
Color Temp	Selectable 3500K, 4000K or 5000K
Lumens	Selectable Lumens 2500-3100-3700
Voltage	120-277V
Bulb Type	
Base Type	
Dimmable	Yes (0-10V)
Equivalent Watts	
Amps	
Input Frequency	50/60Hz
Length	
Size	1x4
Warranty (years)	5
Color Selectable	Yes
Wattage Selectable	Yes (Lumen Select)
Filament Type	
Technology	LED
Market	Commercial
Applications	

For Submittals	
Date	
Location	
Type	
Project	
Notes	

Product Identifiers	
Short Name	Flat Panel 1x4
Product Name	LED 1X4 Flat Panel Lumen & Color Selectable (2500-3750Lum 3500K 4000K 5000K) UNV 120-277V 0-10V Dimmable (Backlit Technology)
Product Id	90518
Product Code	FPL-14-LS-CS-UNV
UPC	807154905188
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	4.5

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 - FCC

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	

LED 1X4 Flat Panel Lumen & Color Selectable 120-277V Dimm - Specification Sheet

Product #: 90518 Product Code: FPL-14-LS-CS-UNV

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	Polymethyl Methacrylate (PMMA)
With Lens Guard	

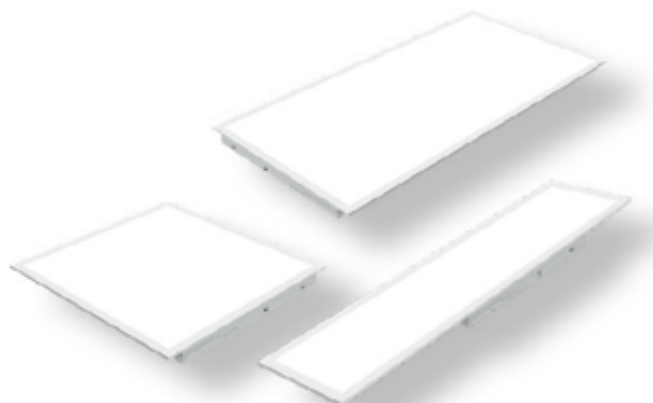
Other Features	
Emergency Backup Available	Yes
Included Accessory	
Integrated Controls Available	

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

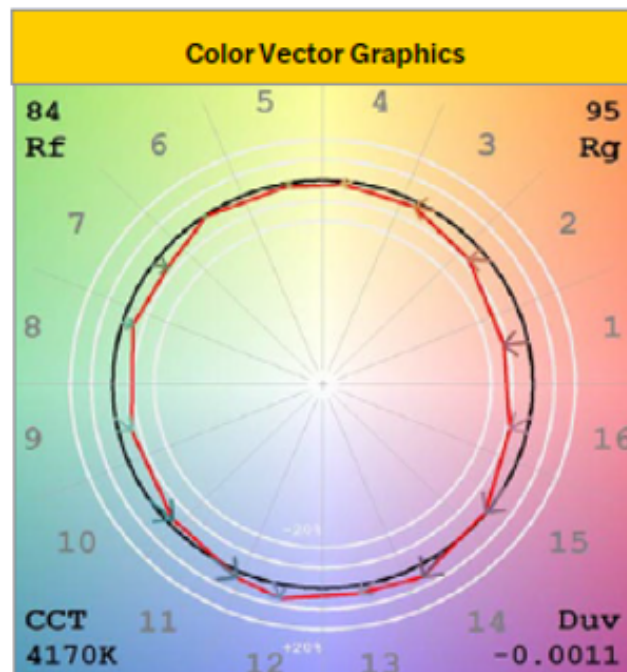
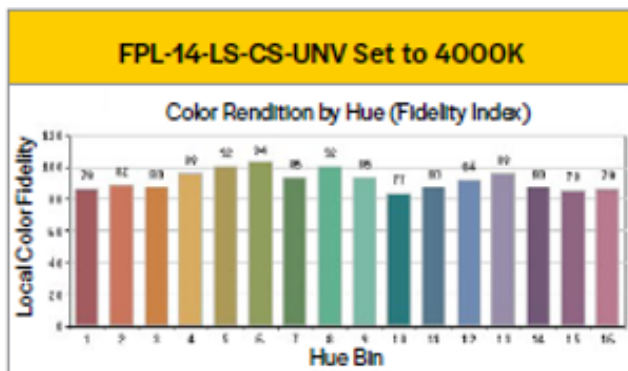
Certifications

- 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

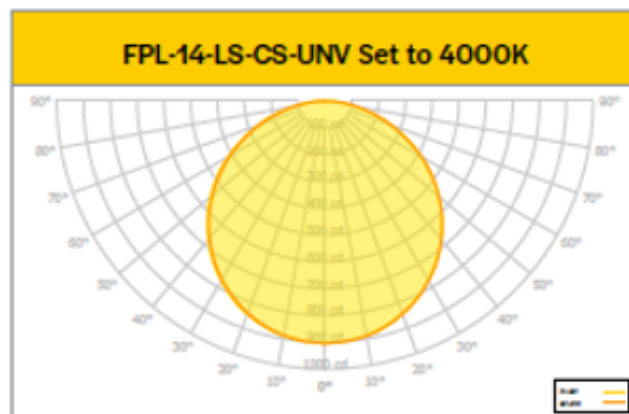
Photometric Information

90518 FPL-14-LS-CS-UNV 4000K 20W

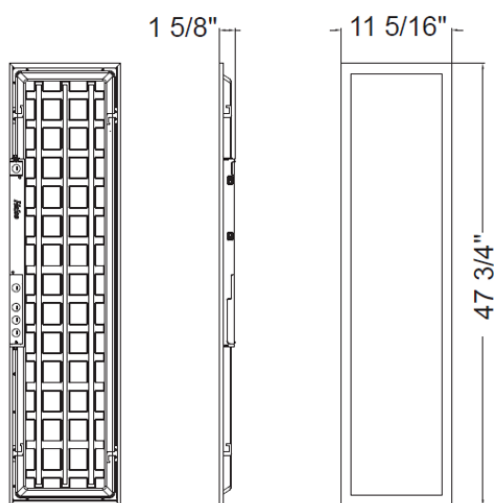
Information	
RF	84
RG	95



Zonal Lumen Summary		
Zonal	Lumens	% Fixture
0° - 10°	91	3%
10° - 20°	245	9%
20° - 30°	373	14%
30° - 40°	453	17%
40° - 50°	474	18%
50° - 60°	432	16%
60° - 70°	333	13%
70° - 80°	199	7%
80° - 90°	62	2%
0° - 90°	2,660	100%



Media Gallery



1x4