



|             |               |
|-------------|---------------|
| Project     |               |
| Date        |               |
| Prepared by |               |
| Model #     | FP5-1440S50-3 |

# FP5-SERIES 1x4 FLAT PANEL CEILING LIGHTS



## OVERVIEW

The FP5-Series Premium Flat ceiling light uses a universal input voltage designed to work with 100-347VAC and a higher efficacy to meet DLC standards. They're the perfect replacement for traditional fluorescent lighting found in offices, hospitals, and schools.

## PRODUCT HIGHLIGHTS

- DLC Standard
- Universal Voltage (works with 100-347VAC)
- 0-10V dimmer driver
- PMMA Light Guide Plate (No Yellowing!)
- Post-painted frames



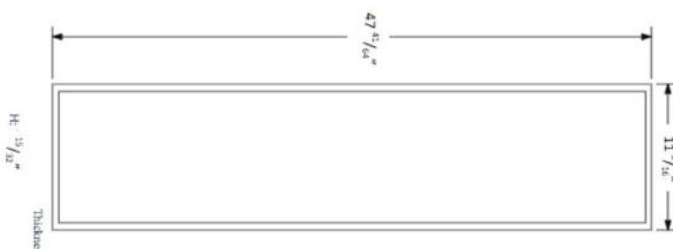
### OPTICAL SPECIFICATIONS

|                                |       |                                       |              |
|--------------------------------|-------|---------------------------------------|--------------|
| Lumen Output (lm) <sub>1</sub> | 4000  | Efficacy (lm/W) <sub>1</sub>          | 100 lm/W     |
| CCT (K) <sub>1</sub>           | 5000K | Beam Angle (°) <sub>1</sub>           | 110°         |
| CRI (Ra) <sub>1</sub>          | 80    | Projected Lifetime (L <sub>70</sub> ) | 50,000 Hours |

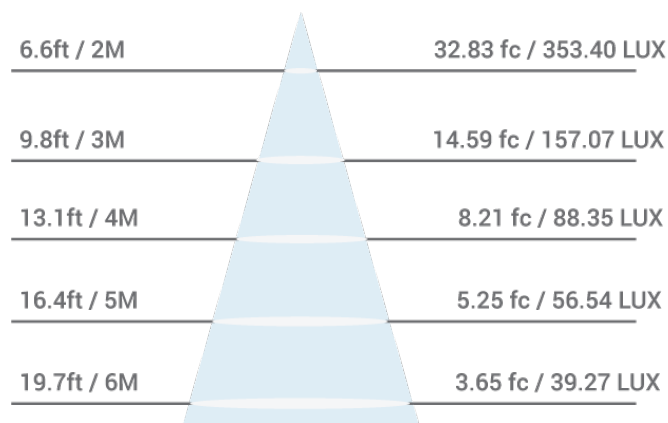
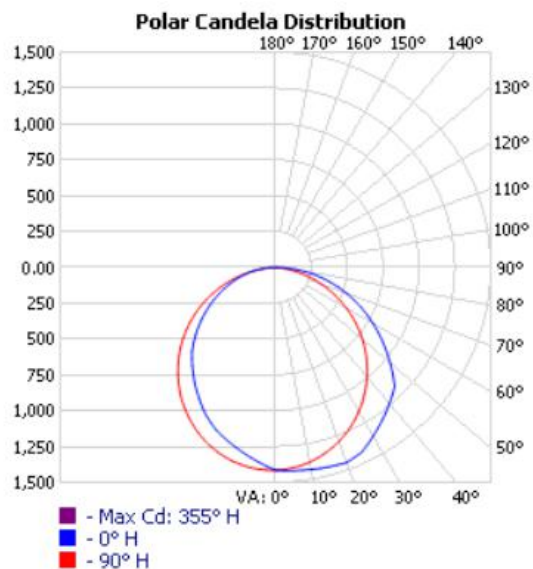
### ELECTRICAL SPECIFICATIONS

|                     |               |                                                     |        |
|---------------------|---------------|-----------------------------------------------------|--------|
| Power               | 40W           | Current Draw at 120V <sub>AC</sub> (A) <sub>2</sub> | 0.325A |
| Apparent Power (VA) | 39VA          | Current Draw at 208V <sub>AC</sub> (A) <sub>2</sub> | 0.19A  |
| System Wattage (W)  | 36-44W        | Current Draw at 240V <sub>AC</sub> (A) <sub>2</sub> | 0.165A |
| Input Voltage       | 100-347V      | Current Draw at 277V <sub>AC</sub> (A) <sub>2</sub> | 0.145A |
| Replacement For     | 2 Lamp 32W T8 | Current Draw at 347V <sub>AC</sub> (A) <sub>2</sub> | 0.12A  |

### PRODUCT DIMENSION



| CONSTRUCTION            |                                   | LED AND DRIVER SPECIFICATIONS |                           |
|-------------------------|-----------------------------------|-------------------------------|---------------------------|
| Housing Material        | Aluminum                          | LED (Brand)                   | SanAn                     |
| Housing Color           | White                             | LED Type                      | 4014                      |
| Light Guide Plate       | PMMA                              | Dimmable                      | Yes (0-10V)               |
| Lens Material           | Polystyrene                       | Out Voltage (VDC)             | 25-42V                    |
| Dimensions (inch/mm)    | 11.81" x 47.24"<br>300mm x 1200mm | Power Factor                  | 0.9                       |
| Weight (kg/lbs)         | 3.74kg / 7.4lbs                   | THD                           | 20%                       |
| Installation Method     | Ceiling Mount, Surface Mount      | Surge Protection              | L-N:1KV L/PG:2KV,N/PG:2KV |
| Operation Range (°F/°C) | -13°F to 104°F/-25°C to 40°C      | Inrush Current (A)            | 55A                       |
| Warranty                | 10 Years                          | Driver Class                  | Class P                   |
| APPROVALS AND LISTINGS  |                                   | Driver Brand                  | BillDa                    |
| DLC                     | PLJYCCIVEGGA                      |                               |                           |
| Damp Location Rated     | Yes                               |                               |                           |
| UL/ETL                  | cETLus                            |                               |                           |
| UL/ETL File Number      | 4008363                           |                               |                           |
| CANDELA                 |                                   | ILLUMINANCE AT A DISTANCE     |                           |



| OPTIONAL ACCESORIES |                                       |
|---------------------|---------------------------------------|
| SMK-14              | Surface Mount Kit for 1x4 Flat Panels |
| AC-14               | Aircraft Cables for 1x4 Flat Panels   |

1. Due to the special conditions of manufacturing, the typical data of optical specifications can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.
2. Exceeding maximum ratings for input voltage and current will cause hazardous overload and will likely destroy the LED fixture.
3. Refer to Warranty Terms & Conditions available at [premiseled.com/warranty](http://premiseled.com/warranty)

Specifications and dimensions  
subject to change without notice.

3401 ENTERPRISE PARKWAY  
BEACHWOOD, OH USA 44122

80-86 CARRIER DRIVE  
TORONTO, ON CANADA M9W 5R1