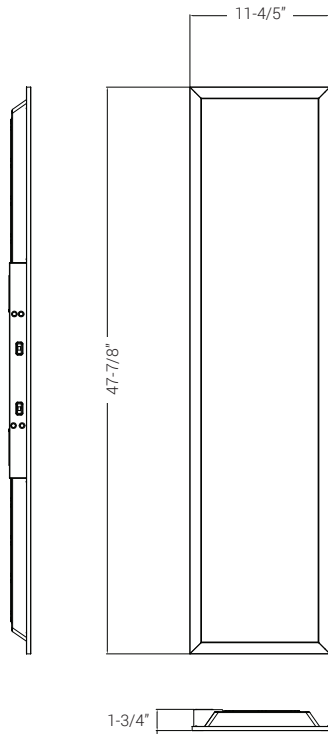




EASY 3 COLORS
SELECTOR
3500K • 4000K • 5000K



| NOMINAL LUMENS | DELIVERED LUMENS | WATTAGE |
|----------------|------------------|---------|
| 4000 | 4446 | 37.6 W |
| 3000 | 3544 | 28.6 W |
| 2000 | 2518 | 19.5 W |

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The clean design of the FLP1-BL provides a modern alternative to traditional fluorescent troffers. Available in 1x4, 2x2, and 2x4. Backlit design delivers unmatched uniform light distribution. Easily adjust brightness level (multi-lumen) and color options (multi-CCT) in the field with multi-lumen and multi-CCT selectors. Perfect for offices, schools, healthcare, hospital, retail, among other applications.

| | |
|-------------------|---|
| LUMENS | 2000/ 3000/ 4000 |
| CCT | 35K/ 40K/ 50K |
| CRI | 85+ |
| COLOR QUALITY | 3 Step MacAdam Ellipse |
| SIZE | 2'x4', 2'x2', 1'x4' |
| MOUNTING | Recessed, Suspended, Surface Mount |
| DIMMING & CONTROL | 0-10V Flicker Free 10% Dimming Standard (DIM10) |
| EMERGENCY | 10W - Up to 1000L output (Bodine BSL310) 20W - Up to 2000L output (Bodine BSL20) |
| LIFETIME | L70 at 60,000 Hours |
| PHOTOMETRIC TESTS | In Accordance with IES LM79-08, LM80 and TM-30, TM-21 |



MAINTENANCE

The driver is removable and upgradable even after installation. Luminaire can be regularly and safely wiped down for peak performance.

OPTICAL SYSTEM

Backlit design provides exceptional light distribution. Illumination is spread across the entire surface of the panel, emitting soft, even light. A 110-degree beam angle ensures clear, shadow-free light.

CONSTRUCTION

20-gauge cold rolled steel body, post-painted for durability. White finish standard. All corners are rounded for safe handling. Multiple wiring entrances allow for easy access.

MOUNTING

Easy to install. Mounting hardware included. Accommodates lay-in ceilings, Slot T, and T-bar suspension systems for 5/8" and 3/8" ceiling widths. Four corner tie points and built-in earthquake clips come standard. Options for flange kits, surface mounted kits, and more.

OPTIONS

Luminaires can be shipped pre-installed with whips, modular wiring systems.

DRIVER ELECTRICAL INFORMATION

Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120/277V input. Available in 347V., produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING & DRIVER INFORMATION

DIM10 - Flicker Free 10% Dimming Standard (DIM10) 0-10V dimming on either MVOLT 120, 277V.

WARRANTY

Five-year warranty for parts and components. (Labor not included)

LISTINGS

c-UL-us - Listed for Feed Through Wiring.
Listed for DLC, California Title 24 compliant.
Damp location rated.

Example: 14-FPL-BL-LED-2000/3000/4000L-DIM10-MVOLT-35K/40K/50K-85

| | | | | | | | | | | |
|--------------|---------------------------------|------|-----------------|-----------------------|---------|-------------|-----|--------------------------------|--|--|
| 14 | FPL-BL | LED | | | | | | | | |
| FIXTURE SIZE | SERIES | TYPE | LUMENS | DIMMING | VOLTAGE | CCT | CRI | EMERGENCY | OTHER OPTIONS | |
| 14 - 1' X 4' | FPL-BL - LED Flat Panel Backlit | LED | 2000/3000/4000L | DIM10 - 0-10V Dimming | MVOLT | 35K/40K/50K | 85 | 0-EMG-LED-10W 0-EMG-LED-20W | 14FK - 1'x4' Flange Kit 14-FPL1-LED-SMK - 1'x4' Surface Mount Kit USA - Made in America Compliance | |



14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(2000L)

TEST NO.: EL05212053

INPUT WATTS: 19.5

LUMENS: 2518

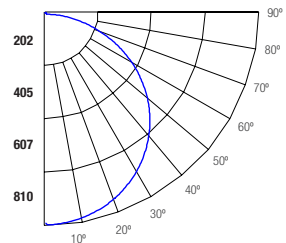
CRI: N/A

EFFICACY: 129

CCT: 3500K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with columns: Zone, Lumens, %Lamp, %Fixt. Rows for zones 0-20 to 0-90.

Luminance (Average candela/M²)

Table with columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows for angles 45 to 85 degrees.

Lumens Per Zone

Table with columns: Zone, Lumens. Rows for zones 0-10 to 80-90.

Candela Tabulation

Table with columns: Candela, 0. Rows for zones 0-10 to 80-90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization with columns for Room Cavity Ratio and various reflectance percentages.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(3000L)

TEST NO.: EL05212054

INPUT WATTS: 28.6

LUMENS: 3544

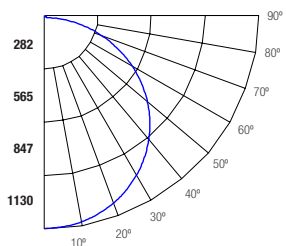
CRI: N/A

EFFICACY: 124

CCT: 3500K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with columns: Zone, Lumens, %Lamp, %Fixt. Rows for zones 0-20 to 0-90.

Luminance (Average candela/M²)

Table with columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows for angles 45 to 85 degrees.

Lumens Per Zone

Table with columns: Zone, Lumens. Rows for zones 0-10 to 80-90.

Candela Tabulation

Table with columns: Candela, 0. Rows for zones 0-10 to 80-90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization for 3000L model.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

14-FPL-BL-LED-2000L-3000L-4000L-DIM10-MVOLT-35K-40K-50K-85(4000L)

TEST NO.: EL05212055

INPUT WATTS: 37.6

LUMENS: 4446

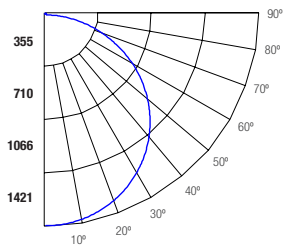
CRI: N/A

EFFICACY: 118

CCT: 3500K

SPACING CRITERIA: 1.42

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Table with columns: Zone, Lumens, %Lamp, %Fixt. Rows for zones 0-20 to 0-90.

Luminance (Average candela/M²)

Table with columns: Angle in Degrees, Average 0°, Average 45°, Average 90°. Rows for angles 45 to 85 degrees.

Lumens Per Zone

Table with columns: Zone, Lumens. Rows for zones 0-10 to 80-90.

Candela Tabulation

Table with columns: Candela, 0. Rows for zones 0-10 to 80-90.

Coefficients of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance 0.20

Large table for Coefficients of Utilization for 4000L model.

RC - Ceiling Cavity Reflectance RW - Wall Reflectance

