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The Back-lit LED Flat Panel is designed for standard T-bar and narrow grid drop ceiling to replace the fluorescent troffer in offices, supermarkets, schools and other indoor applications. The back-lit, slim and low profile design enables superior uniformity.

## TECHNICAL  DATA

| Wattage | |
|---|---|
| 2ftx2ft | 40W |
| 2ftx4ft | 48W |
| CCT | 3500K, 4000K |
| Driver | 0-10V Dimming is standard |
| CRI | 80 |
| Input Voltage | 120-347V, 50/60Hz |
| Projected Lifetime | L70-129,000 Hours |
| Operating Temp. | -4°F to 104°F (-20°C to 40°C) |
| Certifications | cULus conforms to UL Std. 1598Cert. to CSA Std. C22.2 No.250.0 |
| | RoHS compliant |
| | Suitable for dry locations |
| | Type IC Rated, suitable for insulated ceilings |
| Power Factor | >0.9 |
| Harmonic Distortion | <20% at full load |

## FEATURES

▪ Emergency battery back-up optional.

▪ Low-profile and back-lit design.

▪ Excellent color consistency and CRI.
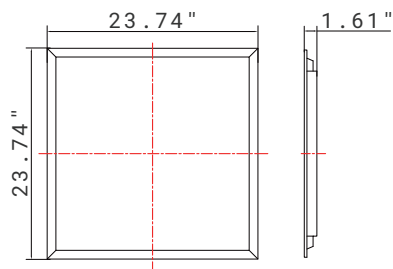
## DIMENSION

**2'X2'**
Length: 23.74"
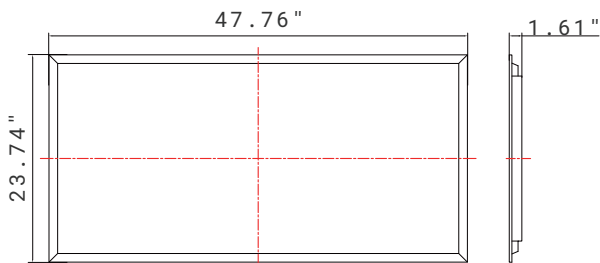Width: 23.74"
Depth: 1.61"
Max. Weight: 4.85lbs

**2'X4'**
Length: 47.76"
Width: 23.74"
Height: 1.61"
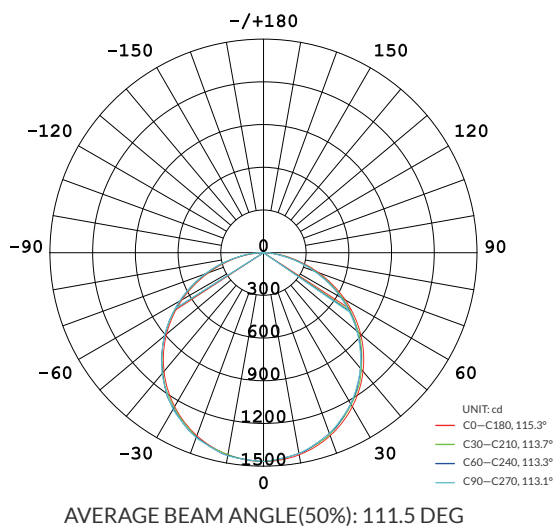Max. Weight: 9.57lbs



## PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



UNIT: cd
C0—C180, 115.3°
C30—C210, 113.7°
C60—C240, 113.3°
C90—C270, 113.1°

AVERAGE BEAM ANGLE(50%): 111.5 DEG

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## ORDERING INFORMATION

EXAMPLE: BFLP22D40358

| BFLP | | | | | | |
|------|------|------|------|------|------|------|
| **Series** | **Size** | **Dimmable** | **Wattage** | **CCT** | **Voltage** | **Control** |
| BFLP | **22** 2'x2' | **D** 0-10V Driver | **40** 40W | **35** 3500K **40** 4000K | **8** 120-347V | **BLANK** None |
| | **24** 2'x4' | **D** 0-10V Driver | **48** 48W | | | |

**NOTE:**

1. White finish is standard. Custom finish colors are available at an additional charge. Please contact Customer Service for premium options.
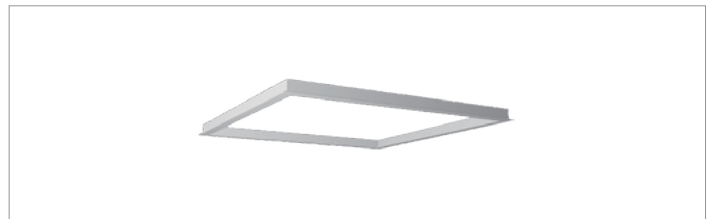
## ACCESSORIES (ORDERED SEPARATELY)





**90123**
FLP 2'x4' Surface Mount Kit.

**90106**
FLP 2'x4' Surface Mount Kit.

**90140**
FLP 2'x4' Flange Kit.

**90141**
FLP 2'x2' Flange Kit.

## PERFORMANCE DATA

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

**Lumen Output**

| Wattage | Lumen Output | AC Input 120V | Measured Wattage | CCT | CRI | Size | LPW |
|---------|--------------|---------------|------------------|-----|-----|------|-----|
| 40W | 4400lm | 0.33A | 40W | 3500K | >80 | 2'x2' | 110 |
| 48W | 5300lm | 0.49A | 48W | 3500K | >80 | 2'x4' | 110 |

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## PERFORMANCE DATA

**Lumen Ambient Temperature (LAT) Multipliers**

Use these factors to determine relative lumen output for average ambient temperature from -4-104˚F (-20-40˚C).

| Ambient | | |
|---|---|---|
| Celsius | Fahrenheit | Multiplier |
| 0 | 32 | 1.02 |
| 10 | 50 | 1.01 |
| 20 | 68 | 1.00 |
| 25 | 77 | 1.00 |
| 30 | 86 | 1.00 |
| 40 | 104 | 0.99 |

**Projected LED Lumen Maintenance**

Data references the extrapolated performance projections for the LED Flat Panel in a 77˚F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

| Operating Hours | 0 | 8,000 | 16,000 | 31,000 | 129,000 |
|---|---|---|---|---|---|
| Lumen Maintenance Factor | 1.0 | 0.98(L98) | 0.96(L96) | 0.92(L92) | 0.70(L70) |

## WARRANTY

5 year limited warranty.

Specifications subject to change without notice.