

# BACK-LIT LED PANEL WITH COLLAPSIBLE JUNCTION BOX

## DESCRIPTION:

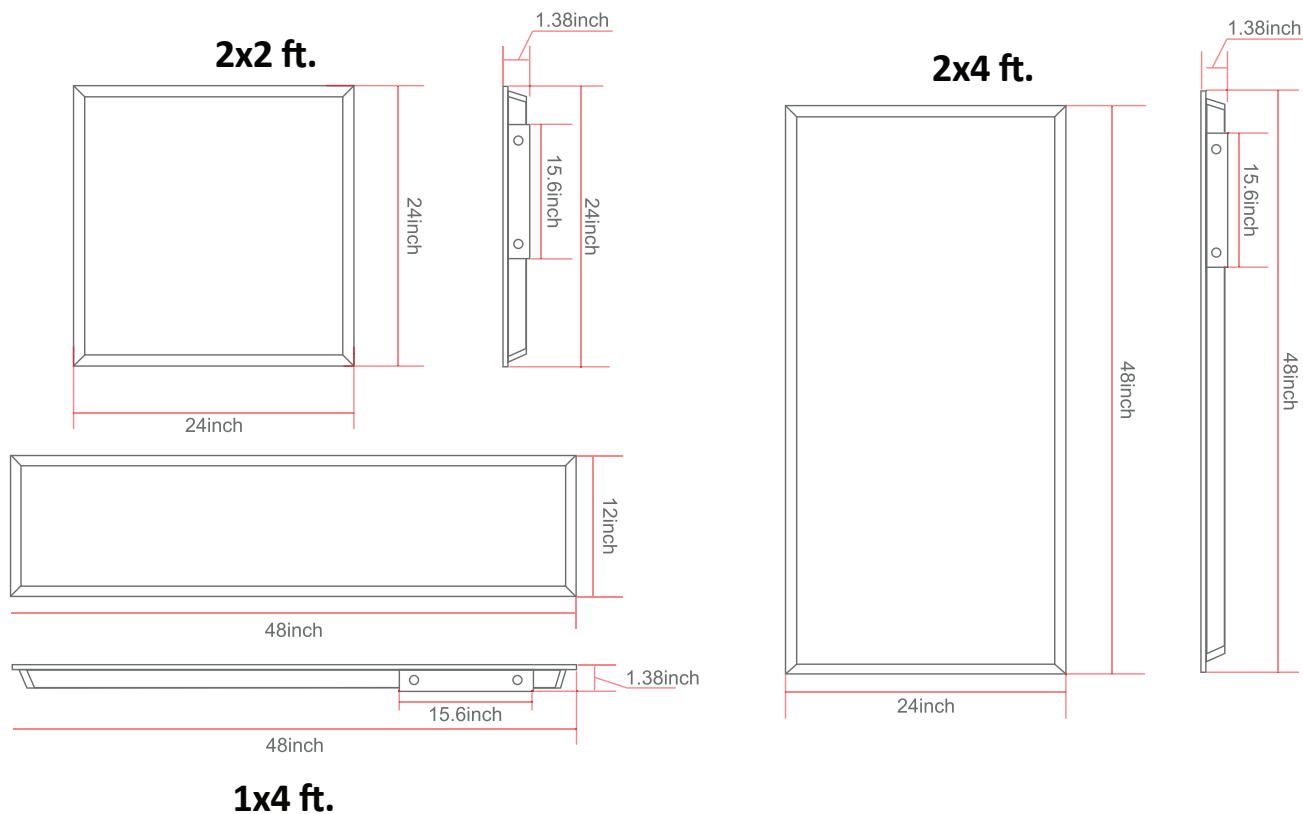
The Back Lit LED Panel is designed to be used for general lighting from a drop ceiling (acoustic tile ceiling grid). It is an energy-efficient and reliable lighting solution that transmits even light without flicker through an acrylic lens with no dark spots. With a high lumen output and compatibility with all 0-10V dimming systems, it is an efficient replacement for traditional troffers. The panel light is also UL certified, has an IP40 rating for protection, and comes with a 5-year warranty.

## FEATURES:

- LGP-free design prevents yellowing
- Isolated driver with a power factor greater than 0.9 and total harmonic distortion less than or equal to 15%
- Super-bright SMD2835 LEDs with an LM80 rating and a color rendering index greater than 80
- Lumen output: 125 lumens per watt
- Compatible with AC120-277V and 0-10V dimming
- Non-flickering with no dark spots to protect your eyes
- Ideal replacement for traditional troffers with over 80% energy savings
- IP40 rated
- Operating temperature range: -4°F to 122°F
- Comes with a 5-year warranty
- UL certified (E476593)



## DIMENSIONS:



## TECHNICAL SPECIFICATIONS:

| Size              | 2x2 FT           | 1x4 FT | 2x4 FT    |
|-------------------|------------------|--------|-----------|
| Wattage           | 25/30/35W        |        | 30/40/50W |
| Input Voltage     | 120-277V         |        |           |
| Color Temperature | 3500/4000/ 5000K |        |           |
| Efficacy          | 125LM/W          |        |           |
| Dimming           | 0-10V            |        |           |
| CRI               | >80              |        |           |
| Power Factor      | >0.9             |        |           |
| THD               | <15%             |        |           |
| Warranty          | 5 Years          |        |           |

| 2x2 FT |         |
|--------|---------|
| Watts  | Lumens  |
| 25W    | 3125 LM |
| 30W    | 3750 LM |
| 35W    | 4375 LM |

| 1x4 FT |         |
|--------|---------|
| Watts  | Lumens  |
| 25W    | 3125 LM |
| 30W    | 3750 LM |
| 35W    | 4375 LM |

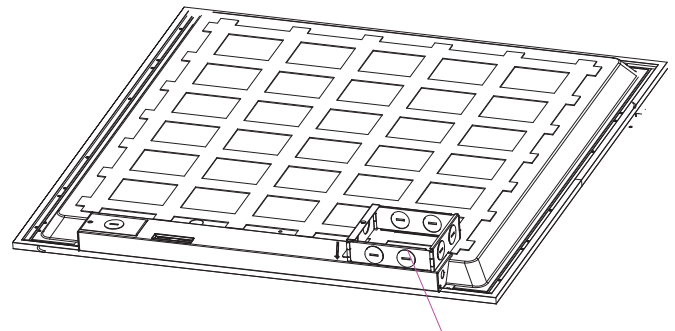
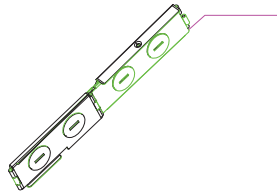
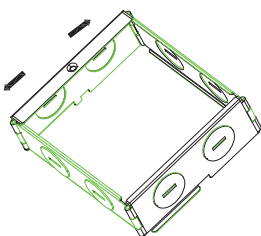
| 2x4 FT |         |
|--------|---------|
| Watts  | Lumens  |
| 30W    | 3750 LM |
| 40W    | 5000 LM |
| 50W    | 6250 LM |

## COLLAPSIBLE JUNCTION BOX INCLUDED:

Allows for more space for metal conduit and wires

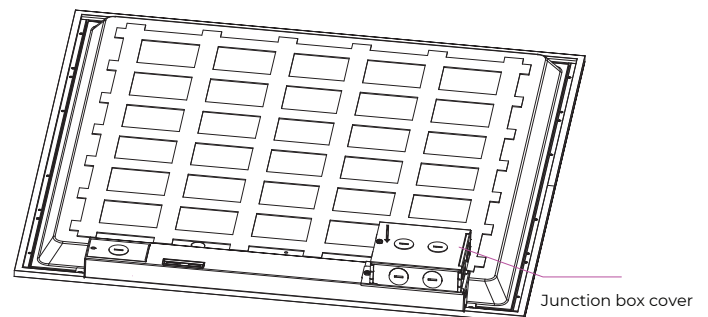
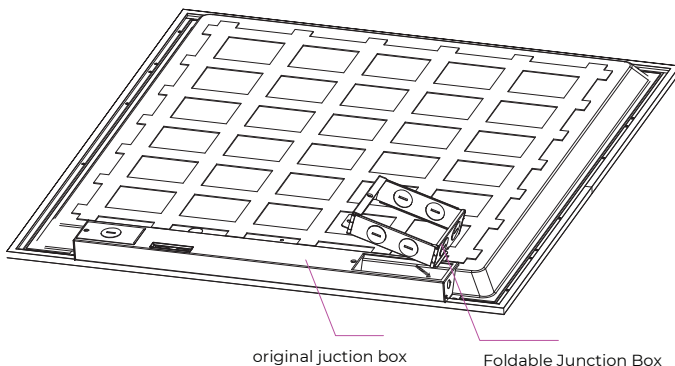
Unfold the junction box from both sides. Remove the foldable junction box.

Secure the junction box and power box, then tighten the screws properly.



Insert it into the original junction box.

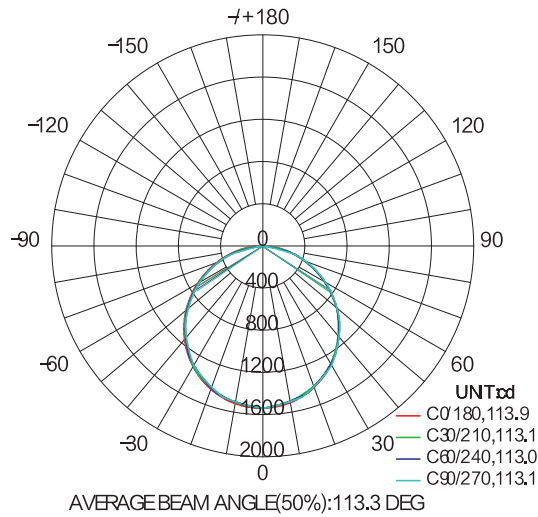
Close the junction box cover and tighten the screws.



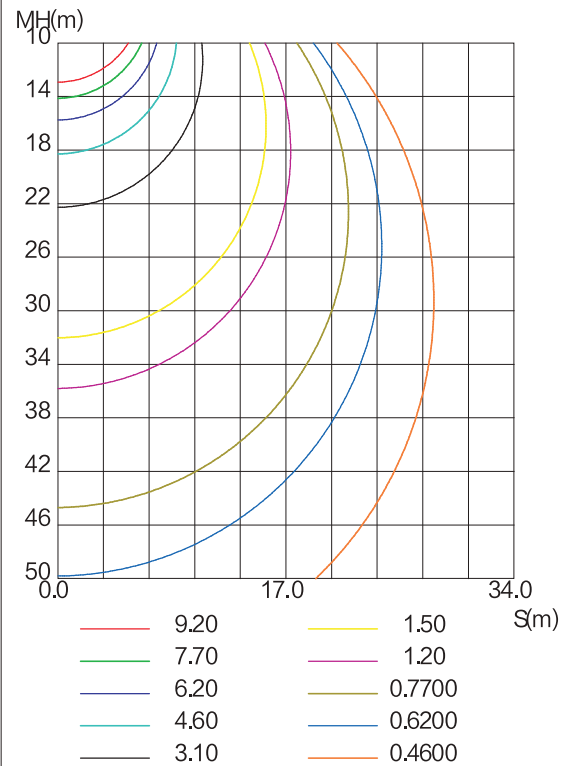
## PHOTOMETRIC TEST REPORT:

24x24 35W

LLUMINOUS INTENSITY DISTRIBUTION DIAGRAM

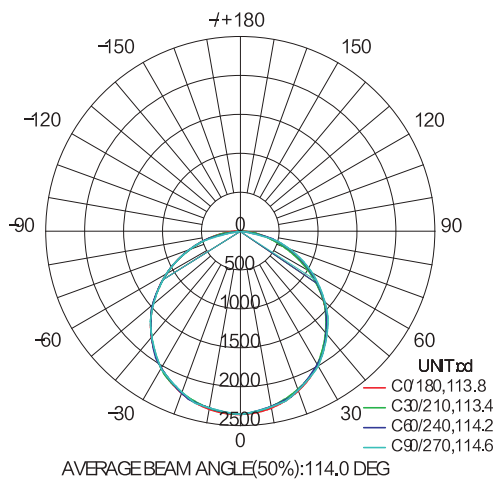


C0 PLANE ISOLUX DIAGRAM (UNIT:lx)

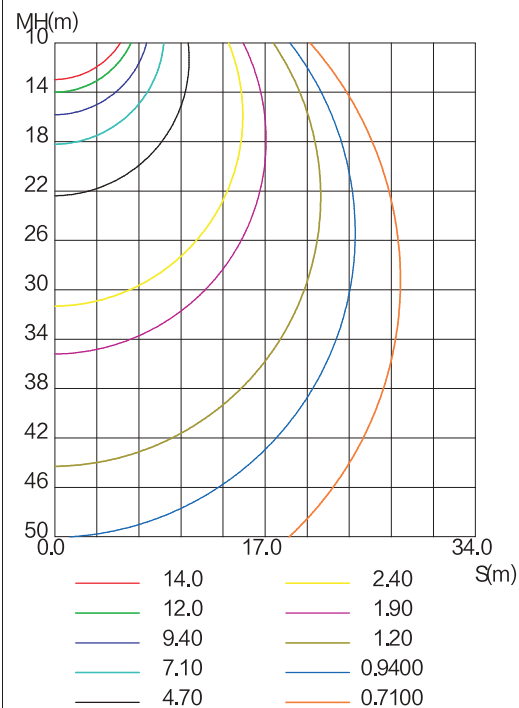


24x48 50W

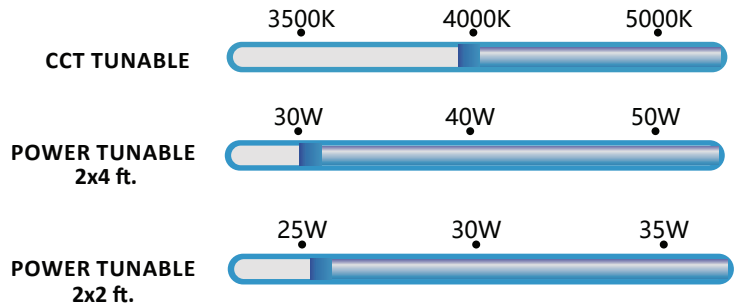
LLUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



## POWER & CCT BACK-LIT LED PANEL LIGHT SERIES:



## ORDERING GUIDE:

|              |                   |                            |                                            |
|--------------|-------------------|----------------------------|--------------------------------------------|
|              |                   | Example: SLS-SJ-1X4-CCT    |                                            |
| Fixture Type | Size              |                            | Color Temperature                          |
| SLS-SJ       | 1x4<br>2x2<br>2x4 | 1x4 ft<br>2x2 ft<br>2x4 ft | CCT<br>CCT Adjustable<br>3500K/4000K/5000K |

## ACCESSORIES (SOLD SEPARATELY):

### SURFACE AND RECESSED MOUNT ALUMINUM FRAME KIT:

- SKU: SLS-ACC-Surface Mount Kit-1x4  
SLS-ACC-Surface Mount Kit-2x2  
SLS-ACC-Surface Mount Kit-2x4  
SLS-ACC-Recessed-Frame Kit-2x2  
SLS-ACC-Recessed-Frame Kit-2x4
- Durable Construction: Made of premium-quality aluminum for long-term use and structural integrity.
- Easy Installation: Assembles quickly with corner brackets and screws; ideal for retrofit and new construction.
- Universal Compatibility: Works with most standard LED panel lights in 1x4, 2x2, and 2x4 dimensions.
- Modern Appearance: Sleek and low-profile design blends well with modern interiors.



### EMERGENCY BATTERY BACKUP PACK:

- SKU: SLS-ACC-Battery Backup
- Complies with UL924 and CSA C22.2 NO.141 standards
- Suitable for field or factory installation
- High-voltage DC output for efficient performance
- Energy-efficient design meets CEC compliance
- Provides constant output power
- Self-testing functionality for reliability
- Over-temperature protection for battery safety

