

# Technical Information Bulletin

## Choice LED Panels



Date: \_\_\_\_\_ Name of distributor: \_\_\_\_\_  
 In hands date of project: \_\_\_\_\_ Client #: \_\_\_\_\_  
 Project name/Number: \_\_\_\_\_ Name of end user: \_\_\_\_\_

### ORDERING INFORMATION

**Order code:** 67151  
**Description:** PAN1X4/100-277/40W/35K/CHOICE/STD  
**UPC:** 69549671515  
**Case quantity:** 1  
**DLC ID:** PLCHVSWBHSEQ



### PHYSICAL DATA

**Size in. (mm):** 47 23/32" x 11 27/32" (1 212 x 301 mm)  
**Lens Type:** Frosted Polystyrene  
**Frame Material:** White Aluminum Alloy  
**Mounting:** Recessed, suspended or surface

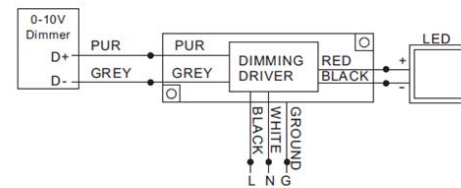
### PERFORMANCE DATA

**Watts (W):** 40  
**Volts (VAC):** 100-277  
**Colour temp. (K)<sup>1</sup>:** 3 500  
**Lumen output (lm)<sup>2</sup>:** 4 102  
**Lumen per Watts (lm/W):** 107  
**CRI:** 82  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam angle (°)** V:112.9 / H:113.2  
**THD (%):** 120 V: 9.34 / 277 V:13.28  
**Power factor:** 120 V: 0.99 / 277 V:0.90  
**Frequency (Hz):** 60  
**Surge protection (Kv):** 1 554 V  
**Operating temp. range:** -20 to 40 °C (-4 to 104 °F)

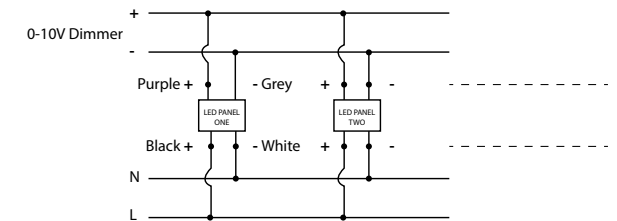
<sup>1</sup> Typical colour temperature range: +/- 5 %  
<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %  
<sup>3</sup> Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

### WIRING DIAGRAM

#### Single luminaire



#### Multiple luminaires



### COMPATIBLE ACCESSORIES

| Order code | Description                     | Type              |
|------------|---------------------------------|-------------------|
| 64826      | LPAN/ACC/1X4/SMK/STD            | Surface mount kit |
| 64829      | LPAN/ACC/1X4_2X4/SUSPENSION/STD | Suspension cable  |
| 63490      | DRYWALL KIT FOR 1X4 FRT/STD     | Drywall kit       |

### DESCRIPTION AND OTHER OPTIONS

| PAN1X4          |                       | /       | 100-277   |       | /   | 40W                |        | /         | 35K |          | / | CHOICE |  | / | STD |  |
|-----------------|-----------------------|---------|-----------|-------|-----|--------------------|--------|-----------|-----|----------|---|--------|--|---|-----|--|
| Series and size |                       | Volts   |           | Watts |     | Colour Temperature |        | Sub-brand |     | Brand    |   |        |  |   |     |  |
| PAN1X4          | Panel 1 feet x 4 feet | 100-277 | 100-277 V | 40 W  | 35K | 3 500 K            | CHOICE | Choice    | STD | STANDARD |   |        |  |   |     |  |
| PAN2X2          | Panel 2 feet x 2 feet |         |           | 50 W  | 40K | 4 000 K            |        |           |     |          |   |        |  |   |     |  |
| PAN2X4          | Panel 2 feet x 4 feet |         |           |       | 50K | 5 000 K            |        |           |     |          |   |        |  |   |     |  |

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.  
 Data is based upon tests performed in a controlled environment and representative of relative performance.  
 Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.  
 November 20, 2018

# Technical Information Bulletin

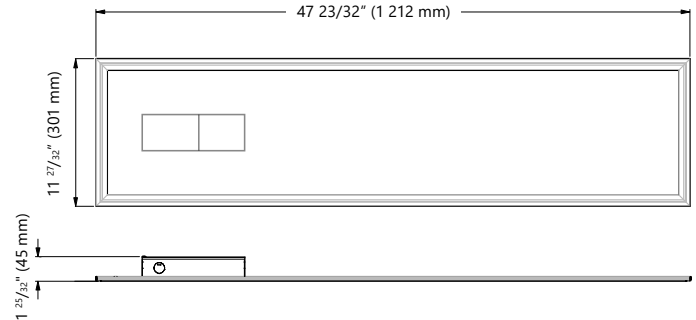
## Choice LED Panels



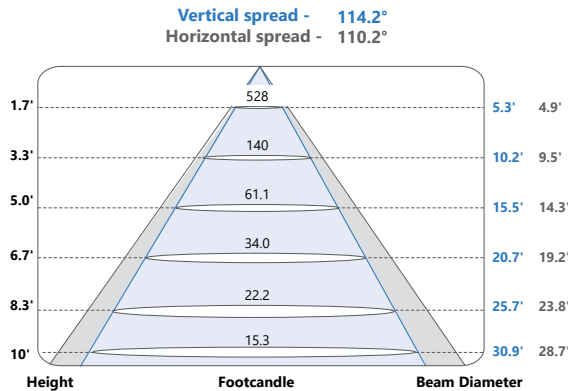
ORDER CODE: 67151

### TECHNICAL DRAWINGS AND DIMENSIONS

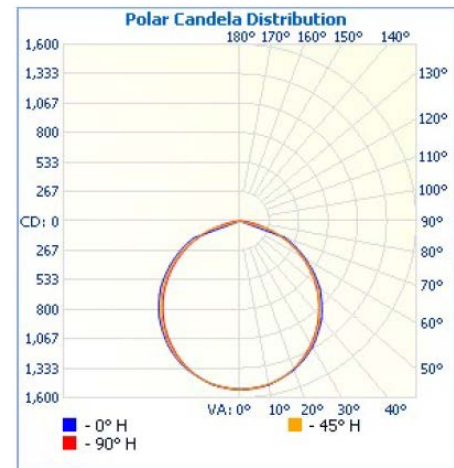
**Length:** 47 23/32" (1 212 mm)  
**Width:** 11 27/32" (301 mm)  
**Depth with Driver:** 1 25/32" (45 mm)  
**Height for Driver:** 1 3/8" (35 mm)  
**Weight:** 10.58 lbs (4.8 kg)



### BEAM SPREAD\*



### CANDELA DISTRIBUTION\*



### COEFFICIENTS OF UTILIZATION (ZONAL CAVITY METHOD)\*

Effective Floor Cavity Reflectance: 20%

| RCC %: | 80   |      | 70   |      | 50   |      | 30   |      | 10   |      | 0    |      |
|--------|------|------|------|------|------|------|------|------|------|------|------|------|
| RW %:  | 70   | 50   | 30   | 0    | 70   | 50   | 30   | 0    | 50   | 30   | 20   | 0    |
| RCR: 0 | 1.19 | 1.19 | 1.19 | 1.19 | 1.16 | 1.16 | 1.16 | 1.00 | 1.11 | 1.11 | 1.11 | 1.00 |
| 1      | 1.10 | 1.05 | 1.02 | .98  | 1.07 | 1.03 | 1.00 | .87  | .99  | .96  | .93  | .86  |
| 2      | 1.00 | .92  | .86  | .81  | .98  | .91  | .85  | .74  | .87  | .82  | .78  | .72  |
| 3      | .92  | .81  | .74  | .67  | .89  | .80  | .73  | .63  | .77  | .71  | .66  | .61  |
| 4      | .84  | .72  | .64  | .57  | .82  | .71  | .63  | .54  | .68  | .61  | .56  | .52  |
| 5      | .77  | .64  | .56  | .49  | .75  | .63  | .55  | .47  | .61  | .54  | .48  | .45  |
| 6      | .71  | .58  | .49  | .43  | .69  | .57  | .49  | .41  | .55  | .48  | .42  | .40  |
| 7      | .66  | .53  | .44  | .38  | .64  | .52  | .44  | .37  | .50  | .43  | .37  | .35  |
| 8      | .61  | .48  | .40  | .34  | .60  | .47  | .39  | .33  | .46  | .39  | .33  | .31  |
| 9      | .57  | .44  | .36  | .30  | .56  | .43  | .36  | .30  | .42  | .35  | .30  | .28  |
| 10     | .54  | .41  | .33  | .28  | .52  | .40  | .33  | .27  | .39  | .32  | .27  | .25  |

\*Complete IES files available on our website

| Qty | Description | Price |
|-----|-------------|-------|
|     |             |       |

I accept the specifications of the luminaire configuration mentioned above.

Name: \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Signature: \_\_\_\_\_

Date: \_\_\_\_\_