

# 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:** 67156  
**Description:** PAN2X2/100-277/40W/50K/CHOICE/STD  
**UPC:** 69549671560  
**Case quantity:** 1  
**DLC ID:** PLWGVVMCXO35



### PHYSICAL DATA

**Size in. (mm):** 23.74" x 23.74" (603 x 603 mm)  
**Lens Type:** Frosted Polystyrene  
**Frame Material:** White Aluminum Alloy  
**Mounting:** Recessed, suspended or surface

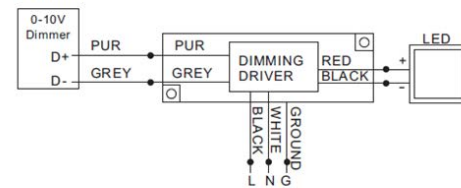
### PERFORMANCE DATA

**Watts (W):** 40  
**Volts (VAC):** 100-277  
**Colour temp. (K)<sup>1</sup>:** 5 000  
**Lumen output (lm)<sup>2</sup>:** 4 323  
**Lumen per Watts (lm/W):** 109  
**CRI:** 83  
**Life L70 (h)<sup>3</sup>:** 50 000  
**Beam angle (°)** V:113.8 / H:113  
**THD (%):** 120 V: 9.37 / 277 V:13.62  
**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)

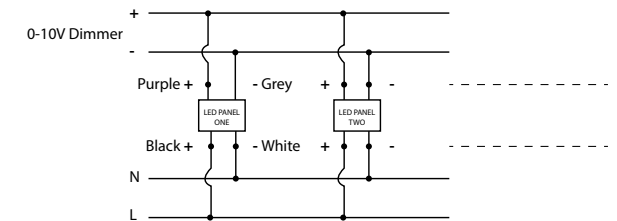
<sup>1</sup> Typical colour temperature range: +/- 5 %  
<sup>2</sup> Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %  
<sup>3</sup> Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

### WIRING DIAGRAM

#### Single luminaire



#### Multiple luminaires



### COMPATIBLE ACCESSORIES

| Order code | Description                 | Type              |
|------------|-----------------------------|-------------------|
| 64825      | LPAN/ACC/2X2/SMK/STD        | Surface mount kit |
| 64828      | LPAN/ACC/2X2/SUSPENSION/STD | Suspension cable  |

### DESCRIPTION AND OTHER OPTIONS

| PAN2X2          |                       | /       | 100-277   |       | /   | 40W                |        | /         | 50K |          | / | 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

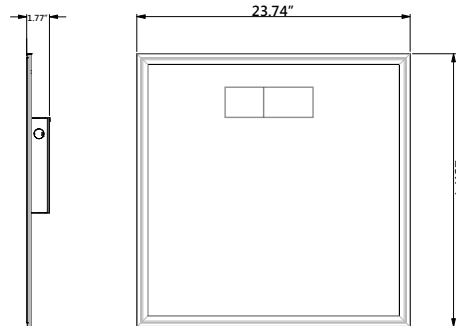
## Choice LED Panels



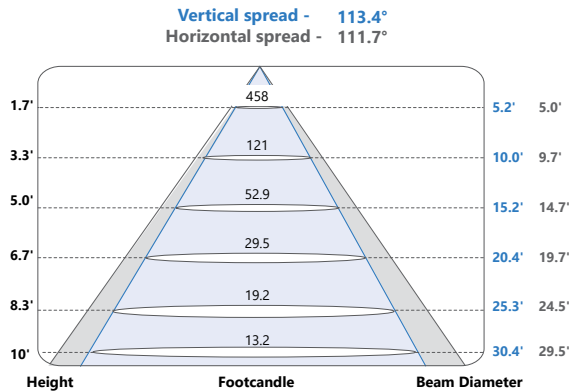
ORDER CODE: 67156

### TECHNICAL DRAWINGS AND DIMENSIONS

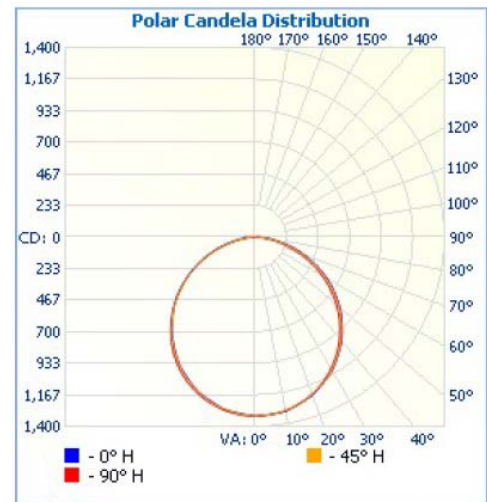
**Length:** 23.74" (603 mm)  
**Width:** 23.74" (603 mm)  
**Depth with Driver:** 1.77" (45 mm)  
**Height for Driver:** 1.38" (35 mm)  
**Weight:** 10.6lbs (4.8KG)



### 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    | 50   | 30   | 20   | 0    | 50   | 30   | 20   | 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 | 1.06 | 1.06 | 1.06 | 1.02 | 1.02 | 1.02 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| 1      | 1.09 | 1.04 | 1.00 | .96  | 1.06 | 1.02 | .98  | .84  | .97  | .94  | .91  | .93  | .91  | .88  | .90  | .88  | .86  | .84  | .84  | .84  | .84  | .84  | .84  | .84  | .84  |
| 2      | .99  | .90  | .84  | .78  | .96  | .89  | .82  | .71  | .85  | .80  | .75  | .82  | .77  | .73  | .79  | .75  | .72  | .70  | .70  | .70  | .70  | .70  | .70  | .70  | .70  |
| 3      | .90  | .79  | .71  | .65  | .88  | .78  | .70  | .60  | .75  | .68  | .63  | .72  | .66  | .62  | .69  | .65  | .61  | .58  | .58  | .58  | .58  | .58  | .58  | .58  | .58  |
| 4      | .82  | .70  | .61  | .55  | .80  | .69  | .61  | .52  | .66  | .59  | .54  | .64  | .58  | .53  | .62  | .57  | .52  | .50  | .50  | .50  | .50  | .50  | .50  | .50  | .50  |
| 5      | .76  | .63  | .54  | .47  | .74  | .62  | .53  | .45  | .59  | .52  | .46  | .57  | .51  | .46  | .56  | .50  | .45  | .43  | .43  | .43  | .43  | .43  | .43  | .43  | .43  |
| 6      | .70  | .56  | .47  | .41  | .68  | .56  | .47  | .40  | .54  | .46  | .40  | .52  | .45  | .40  | .50  | .44  | .40  | .38  | .38  | .38  | .38  | .38  | .38  | .38  | .38  |
| 7      | .65  | .51  | .42  | .36  | .63  | .50  | .42  | .35  | .49  | .41  | .36  | .47  | .41  | .35  | .46  | .40  | .35  | .33  | .33  | .33  | .33  | .33  | .33  | .33  | .33  |
| 8      | .60  | .47  | .38  | .32  | .59  | .46  | .38  | .31  | .45  | .37  | .32  | .43  | .37  | .32  | .42  | .36  | .32  | .30  | .30  | .30  | .30  | .30  | .30  | .30  | .30  |
| 9      | .56  | .43  | .35  | .29  | .55  | .42  | .34  | .28  | .41  | .34  | .29  | .40  | .33  | .29  | .39  | .33  | .28  | .27  | .27  | .27  | .27  | .27  | .27  | .27  | .27  |
| 10     | .53  | .40  | .32  | .26  | .51  | .39  | .31  | .26  | .38  | .31  | .26  | .37  | .31  | .26  | .36  | .30  | .26  | .24  | .24  | .24  | .24  | .24  | .24  | .24  | .24  |

\*Complete IES files available on our website

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

I accept the specifications of the luminaire configuration mentioned above.

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

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