

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: 67154
 Description: PAN2X2/100-277/40W/35K/CHOICE/STD
 UPC: 69549671546
 Case quantity: 1
 DLC ID: PLJMB4SOKZPX



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

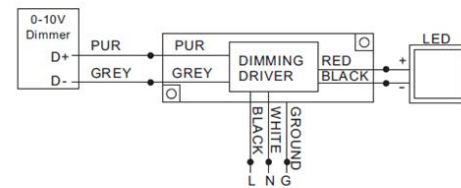
PERFORMANCE DATA

Watts (W): 40
 Volts (VAC): 100-277
 Colour temp. (K)¹: 3 500
 Lumen output (lm)²: 4 105
 Lumen per Watts (lm/W): 105
 CRI: 82
 Life L70 (h)³: 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)

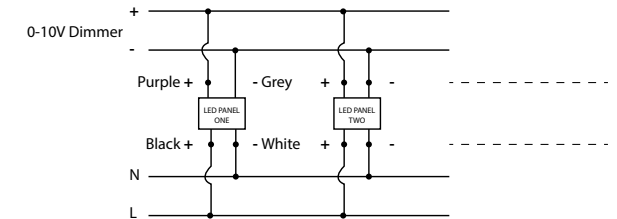
¹ Typical colour temperature range: +/- 5 %
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %
³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations

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 | | / | 35K | | / | CHOICE | | / | STD | |
|-----------------|-----------------------|---|---------|-----------|---|-------|--|---|--------------------|---------|---|-----------|--------|---|-------|----------|
| Series and size | | | Volts | | | Watts | | | Colour Temperature | | | Sub-brand | | | Brand | |
| PAN1X4 | Panel 1 foot 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

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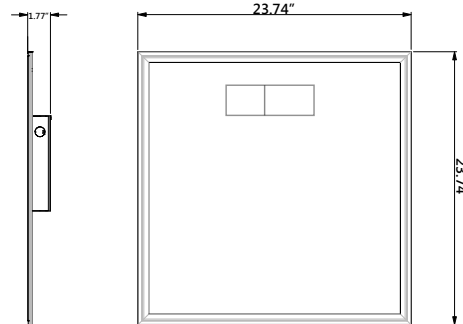
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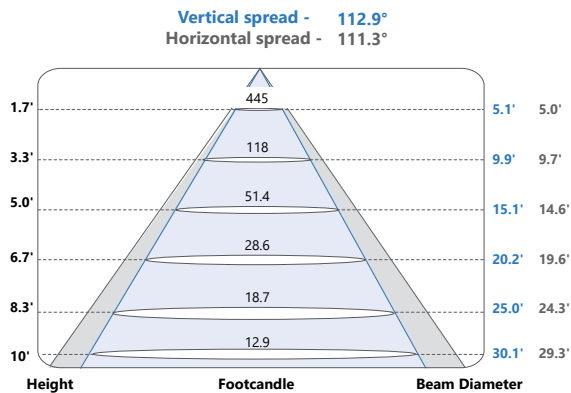
ORDER CODE: 67154

TECHNICAL DRAWINGS AND DIMENSIONS

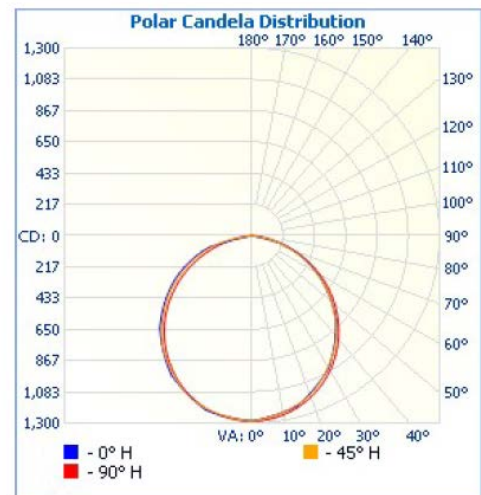
Length: 23.74" (603 mm)
 Width: 23.74" (603 mm)
 Depth with Driver: 1.77" (45 mm)
 Height for Driver: 1.38" (35 mm)
 Weight: 10.6lbs (4.8KG)



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 | 10 | 50 | 30 | 20 | 10 | 50 | 30 | 20 | 10 | 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 | 1.02 | 1.02 | 1.00 | |
| 1 | 1.09 | 1.05 | 1.01 | .97 | 1.07 | 1.02 | .99 | .85 | .98 | .95 | .92 | .94 | .92 | .89 | .91 | .89 | .87 | .85 | .85 | .85 | |
| 2 | .99 | .91 | .85 | .79 | .97 | .89 | .83 | .72 | .86 | .81 | .76 | .83 | .78 | .74 | .80 | .76 | .73 | .71 | .71 | .71 | |
| 3 | .91 | .80 | .72 | .66 | .88 | .79 | .71 | .61 | .76 | .69 | .64 | .73 | .67 | .63 | .70 | .66 | .62 | .59 | .59 | .59 | |
| 4 | .83 | .71 | .62 | .56 | .81 | .70 | .61 | .53 | .67 | .60 | .54 | .65 | .59 | .54 | .63 | .57 | .53 | .51 | .51 | .51 | |
| 5 | .76 | .63 | .54 | .48 | .74 | .62 | .54 | .46 | .60 | .53 | .47 | .58 | .52 | .46 | .56 | .51 | .46 | .44 | .44 | .44 | |
| 6 | .70 | .57 | .48 | .42 | .68 | .56 | .48 | .40 | .54 | .47 | .41 | .53 | .46 | .41 | .51 | .45 | .40 | .38 | .38 | .38 | |
| 7 | .65 | .52 | .43 | .37 | .63 | .51 | .43 | .36 | .49 | .42 | .36 | .48 | .41 | .36 | .46 | .40 | .36 | .34 | .34 | .34 | |
| 8 | .61 | .47 | .39 | .33 | .59 | .46 | .38 | .32 | .45 | .38 | .32 | .44 | .37 | .32 | .43 | .37 | .32 | .30 | .30 | .30 | |
| 9 | .57 | .43 | .35 | .29 | .55 | .43 | .35 | .29 | .41 | .34 | .29 | .40 | .34 | .29 | .39 | .33 | .29 | .27 | .27 | .27 | |
| 10 | .53 | .40 | .32 | .27 | .52 | .39 | .32 | .26 | .38 | .31 | .27 | .37 | .31 | .26 | .37 | .31 | .26 | .25 | .25 | .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: _____