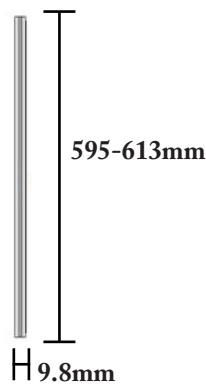
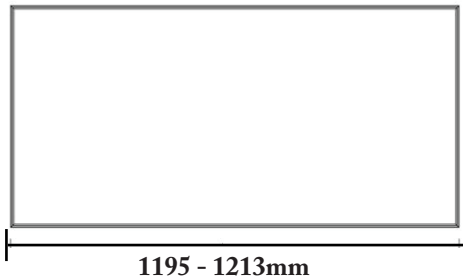


Product Overview



Dimensions



Project _____
Location _____
Part Number _____
Type _____
Qty _____
Notes _____

Features

Optics:

Unique structure, side emitting, high transmitting PMMA with uniform illumination. 120 degree beam angle

Electrical:

Expected Life: LED light engines are rated at >100,000 hours at 25°C, L70. Driver has expected life of 100,000 hours at 25°C ambient. Lower energy consumption, saves an estimated 40-60% over fluorescent. Each fixture is equipt with wire leads for quick conneciton. Switching 100-277V driver or high power 200-480V driver available.

Mechanical:

Each light comes equipt with a rugged aluminum housing which is powder-coated for durability and corrosion resistance. Drop ceiling, surface or pendant mount options. IP40 rated.

Controls:

0-10V driver available. Motion controls availabe with adjustable dimming, range, constant on, set dim level and more.

Standards

Rated for -20°C ~ 50°C
 CRI > 82
 DLC Premium
 UL Certified
 CSA Certified to USA and Canadian Standards

Applications:

- Office
- Classroom
- Hallway
- Show floor

Ordering Information

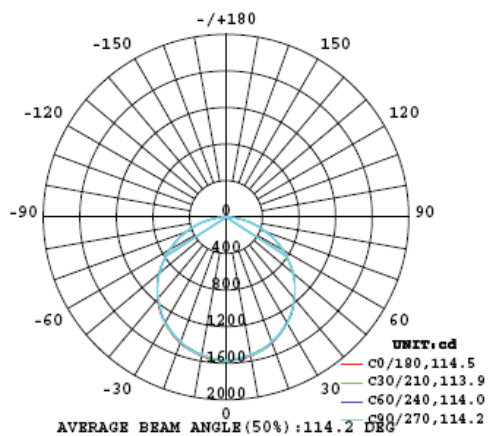
Ordering Guide

Example: PN24-50-UNIV-13-4K-0/10-Non-WH-PD

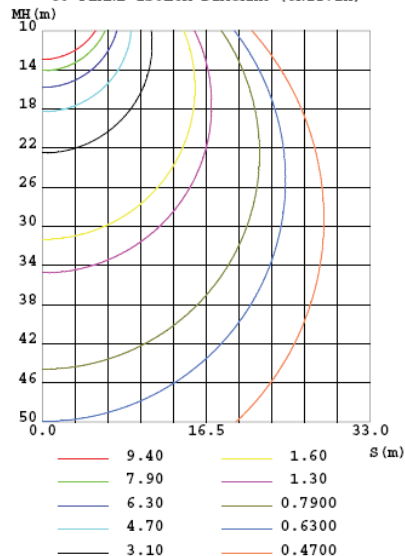
| Product Class | Wattage | Voltage | Lumen Per Watt | LED Color | Driver Dimming | Motion Light sensor | Finish | Options <small>Leave blank if none</small> |
|--------------------------------|----------------------|---------------------------|--------------------------|--|----------------------------------|---|----------------------|---|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| PNL22 2x2 Flat Panel | 25 35 | UNIV 110-277VAC | 13 120-130lm/w | 3K 3000K | Non Non Dimming Driver | Non No motion or light sensor | WH White | SR Surface Mount Housing |
| PNL14 1x4 Flat Panel | 40 | HV 200-480VAC | | 35K 3500K | | | | PD Pendant Mount (aircraft cable) |
| PNL24 2x4 Flat Panel | 50 60 | | | 4K 4000K 5K 5000K | 0/10 0-10v Dimming | ML Motion / light sensing | | BAT Battery Backup |

Light Distribution

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Performance

| Watts | Size | 3000K CCT | | LLD @ 25°C | | |
|-------|------|------------------|----------------|------------|-----------|------------|
| | | Delivered Lumens | Efficacy (LPW) | 50k Hours | 75k Hours | 100k Hours |
| 25 | 1x4 | 3,073 | 123 | .98 | .97 | .96 |
| | 2x2 | 3,020 | 121 | .98 | .97 | .96 |
| 35 | 2x2 | 4,231 | 121 | .98 | .97 | .96 |
| | 2x4 | 4,269 | 122 | .98 | .97 | .96 |
| 40 | 1x4 | 5,080 | 127 | .98 | .97 | .96 |
| | 2x2 | 4,838 | 121 | .98 | .97 | .96 |
| | 2x4 | 4,840 | 121 | .98 | .97 | .96 |
| 50 | 2x4 | 6,198 | 124 | .97 | .96 | .95 |
| 60 | 2x4 | 7,259 | 121 | .93 | .90 | .88 |

NOTE: Information above is based on 3000k nominal system. Individual fixture performance may vary.
 DLC Premium product available - contact your sales rep for info (DLC premium lumens exceed 130)

| Panel LED LLD Multiplier | 15°C | 20°C | 25°C | 30°C | 40°C |
|--------------------------|------|------|------|------|------|
| | 1.02 | 1.01 | 1 | .98 | .95 |

To calculate the LLD for a temp other than 25°C, multiply the LLD @ 25°C by the LLD multiplier for the selected temp.

Additional available pieces (upon request):

- Aircraft cable (hook to ceiling mounting - 10ft) (#VIB-HDWR-ACBL-10)

