

Porta Sottile 2D LED (2x2 or 2x4) P2D Series

| | | |
|------------|----------|------|
| Type: | Project: | Qty: |
| | Date: | |
| Catalog #: | | |

Description:

The Porta Sottile [so-tee-lay] Series is a fully luminous architectural recessed luminaire. This cost effective, energy efficient luminaire series provides soft ambient illumination and features a tool-less captive latch-hinge door frame assembly for quick maintenance.

Specifications:

Construction: Die formed cold rolled steel housing with white enamel finish. Optional die formed 20 gauge cold rolled steel housing and powder coated white paint after fabrication. Access plate allows for easy wiring without opening luminaire.

Reflector / Driver: Reflector / driver cover is finished with high reflectance white paint. Standard constant current electronic driver with 0-10V dimming inputs; dimming range from 100% down to 1%. Universal (UNV) voltage is from 120-277V, 50/60 Hz.

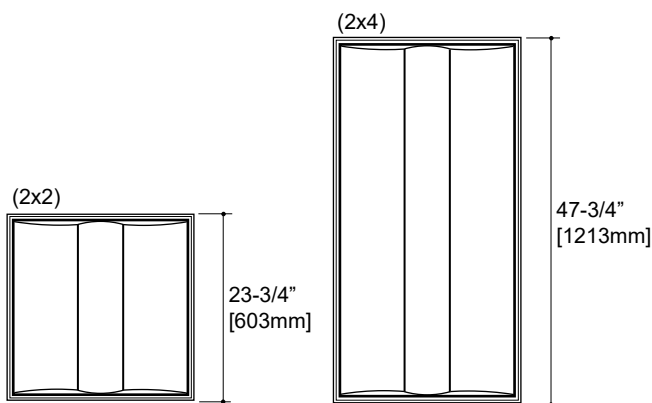
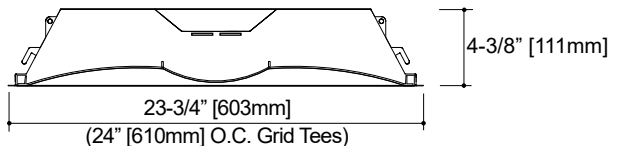
Shielding: Extruded multi-piece, impact resistant, UV stabilized virgin frosted acrylic diffusers. Die formed cold rolled steel door frame. Tool-less, over-lapping, captive latch-hinge door frame assembly allows for quick maintenance from below.

LED Module: Distributed LED array in a variety of lumen output packages. LED color is available in 3000K, 3500K or 4000K and in 80CRI or 90CRI. Module is replaceable. L90 ≥ 100,000 hrs.

Mounting: Acoustical grid, IC rated. Optional inaccessible ceiling or surface mounting.

Labels: ETL listed, conforms to UL Standard 1598 and 8750. Dry location listed, optional Damp location is available.

Warranty: 5-year LED luminaire limited warranty.



Ordering Information

Sample: P2D-4-40L35-277-DIM

| Series | Length ² | Lumen Package ³ / LED Color | Voltage | Driver | Options |
|-----------------|---------------------|--|---------|--------------------------|--|
| P2D | | | | | |
| (Nom. 2' width) | 2 | (2' Nom. Length) | UNV | DIM ⁴ Dimming | EM Emergency Battery Pack |
| | 4 | 20 20HP 30 40 | | | 120 277 |
| | | (4' Nom. Length) | | | 20PAF 20 ga. CRS / Paint After Fabrication DSR Daylight Sensor - Remote FLEX3 6' of Flex, 3-wire ("Class 2" low voltage control wires not sleeved in flex) |
| | | 30 40HP 50 60 70 | | | |

Notes:

1. Some products are DesignLights Consortium™ Qualified, refer to www.designlights.org Qualified Products List under family models for details.
2. Nominal for 2' and 4' grid ceiling.
3. Output based on standard optics. Output varies based on optical options.
4. Standard driver has 0-10V dimming input, consult factory for specs.

Specifications and dimensions are subject to change without notification. Specification sheets on our website supersede all other versions.

2017 rev C



Lumen Packages for (Standard Center Frosted Diffuser)

| 2x2 | | | Efficacy |
|----------------------|--------------------|----------------------|----------------------------|
| <i>Lumen Package</i> | <i>Input Watts</i> | <i>Output Lumens</i> | <i>Lumens/Watt @ 3500K</i> |
| 20 (2000) | 15.9 | 1878 | 118 |
| 20HP* (2000) | 15.9 | 2084 | 131 |
| 30 (3000) | 23.8 | 2601 | 109 |
| 30HP* (3000) | 23.8 | 2952 | 124 |
| 40* (4000) | 31.7 | 3744 | 118 |
| 2x4 | | | Efficacy |
| <i>Lumen Package</i> | <i>Input Watts</i> | <i>Output Lumens</i> | <i>Lumens/Watt @ 3500K</i> |
| 30 (3000) | 23.8 | 3043 | 128 |
| 30HP* (3000) | 23.8 | 3389 | 142 |
| 40 (4000) | 31.7 | 3860 | 122 |
| 40HP* (4000) | 31.7 | 4284 | 135 |
| 50 (5000) | 39.6 | 4605 | 116 |
| 50HP* (5000) | 39.6 | 5183 | 131 |
| 60* (6000) | 47.6 | 6087 | 128 |
| 70* (7000) | 55.4 | 6913 | 125 |

* Based on 2 board cross-section.
Multiply Output by 95.3% for 3000K and 102.6% for 4000K values @ 80CRI.