

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

Project Name:	
Type:	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: Driver cover/pan is finished with high reflectance white paint. Constant current electronic driver with 0-10V dimming inputs. Universal (UNV) voltage is from 120 -277V, 50/60Hz.

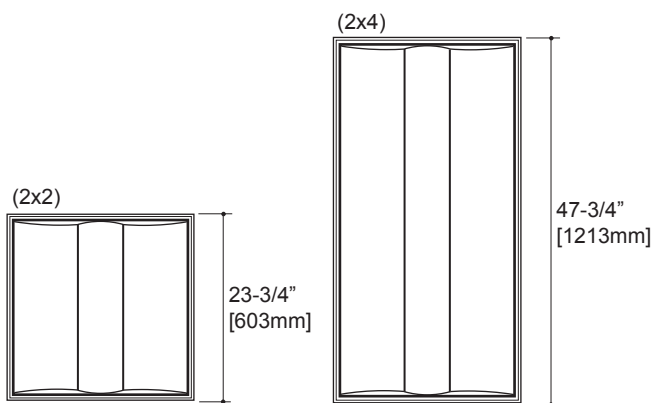
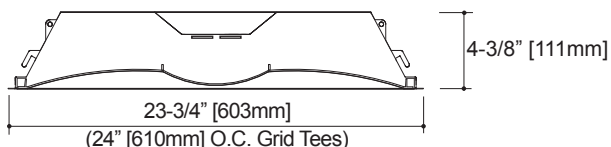
Shielding: Extruded multi-piece, impact resistant, UV stabilized virgin frosted acrylic diffusers. Die formed cold rolled steel door frame. Tool-less, over-lapping, captive latch-hinge door frame assembly allows for quick maintenance from below.

LED Module: Distributed LED array in a variety of lumen output packages. LED color is available in (L30) 3000K, (L35) 3500K or (L40) 4000K. Module is replaceable. L70 ≥ 50,000 hours.

Mounting: Acoustical grid, Non-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)	L30	UNV	DIM ⁴ Dimming	EM Emergency Battery Pack
	4	20	L35	120		DL Damp Location
		20HP	L40	277		FLG Separate Flange Kit
		30				CP Chicago Plenum
		40				SIC Seismic Clips
		(4' Nom. Length)				20PAF 20 ga. CRS / Paint After Fabrication
		30				DSR Daylight Sensor - Remote
		30HP				FLEX3 6' of Flex, 3-wire ("Class 2" low voltage control wires not sleeved in flex)
		40				
		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.

2015 rev B2



Lumen Packages for (Standard Center Frosted Diffuser)

2x2			
<i>Lumen Package</i>	<i>Input Watts</i>	<i>Output Lumens</i>	<i>Lumens/Watt @ 3500K</i>
20 (2000)	20.7	1930	93.2
20HP* (2000)	20.7	2309	111.6
30 (3000)	29.9	2682	89.7
30HP* (3000)	29.9	2990	100.0
40* (4000)	40.7	3826	94.0
2x4			
<i>Lumen Package</i>	<i>Input Watts</i>	<i>Output Lumens</i>	<i>Lumens/Watt @ 3500K</i>
30 (3000)	30.0	3152	105.1
30HP* (3000)	30.0	3670	122.3
40 (4000)	41.1	4068	99.0
40HP* (4000)	41.1	4807	117.0
50 (5000)	51.4	4888	95.1
60* (6000)	60.0	6312	105.2
70* (7000)	71.0	7050	99.3

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