

Sottile 2D LED (1x2 or 1x4)

L1D Series

Type:	Project:	Qty:
	Date:	
Catalog #:		

Description:

The Nulite Sottile [so-tee-lay] 2D Series is a new fully luminous architectural recessed luminaire. This LED, energy efficient luminaire series provides soft ambient illumination.

Specifications:

Construction: Die formed cold rolled steel housing. Housing finish is white baked enamel. 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. Constant current electronic driver with 0-10V dimming inputs. Universal (UNV) voltage is from 120-277V, 50/60 Hz.

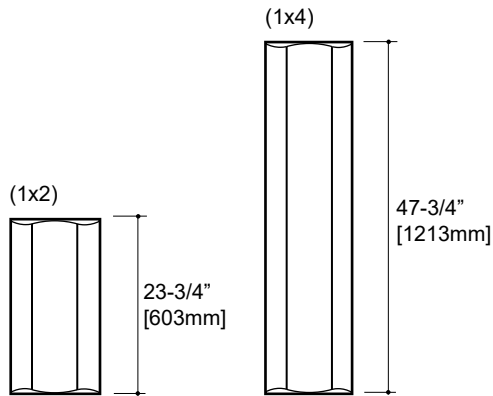
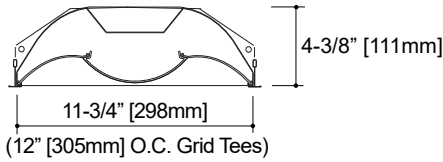
Shielding: Extruded 3-piece smooth frosted acrylic diffusers. Spring tension shift-and-remove center diffuser for convenient maintenance. Optional smooth clear center with round perf overlay.

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. L90 ≥ 100,000 hours.

Mounting: Acoustical grid, Non-IC rated.

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

Warranty: 5-year limited warranty on LED and Driver.



Ordering Information

Sample: L1D-4-40L40-277-DIM-FLEX3

Series	Length ¹	Lumen Package ² / LED Color	Voltage	Driver	Options
L1D					
(Nom. 1' width)	2	(2' Nom. Length)			
	4	(4' Nom. Length)			
		20	L30	UNV	DIM ³ Dimming RPO Round Perforated Overlay Center Diffuser EM ⁴ Emergency Battery Pack ENL Enlighted Enabled (Consult factory) DL Damp Location FLG Flange Kit CP ⁵ Chicago Plenum SIC Seismic Clips 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)
		20HP	L35	120	
		30	L40	277	
		30HP			
		40			
		30			
		30HP			
		40			
		40HP			
		50			
		50HP			
		60			
		70			

Notes:

- Nominal 2' and 4'.
- Output based on standard optics. Output varies based on optical options.
- 0-10V dimming input, consult factory.
- Remote mounting for 1x2, consult factory.
- Consult factory for maximum lumen package.

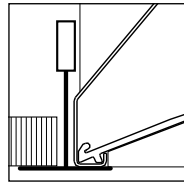


Center Diffuser Option

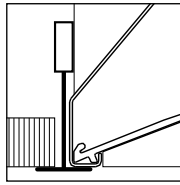


RPO

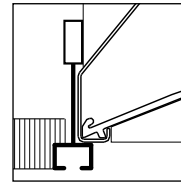
Grid Ceiling Mounting Details



1" Tee Grid



9/16" Tee Grid



Screw Slot Grid

Lumen Packages (Standard Center Frosted Diffuser)

1x2			
<i>Lumen Package</i>	<i>Input Watts</i>	<i>Output Lumens</i>	<i>Lumens/Watt @ 3500K</i>
20 (2000)	15.9	1840	116
20HP* (2000)	15.9	2043	129
30 (3000)	23.8	2549	107
30HP* (3000)	23.8	2893	122
40* (4000)	31.7	3670	116
1x4			
<i>Lumen Package</i>	<i>Input Watts</i>	<i>Output Lumens</i>	<i>Lumens/Watt @ 3500K</i>
30 (3000)	23.8	2983	125
30HP* (3000)	23.8	3322	140
40 (4000)	31.7	3783	119
40HP* (4000)	31.7	4198	132
50 (5000)	39.6	4513	114
50HP* (5000)	39.6	5079	128
60* (6000)	47.6	5965	125
70* (7000)	55.4	6774	122

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