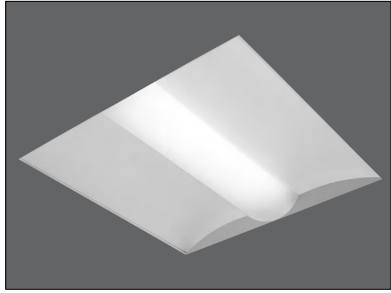


NULITE™



**Metallo Sottile 2D (2x2 or 2x4) M2D LED Series**

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

**Description:**

The Nulite Metallo Sottile 2D LED series features a luminous center acrylic lens. This cost effective LED luminaire series provides soft ambient illumination for reduced ceiling plenum applications.

**Specifications:**

**Construction:** Die formed cold rolled steel housing and powder coated white paint after fabrication.

**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.

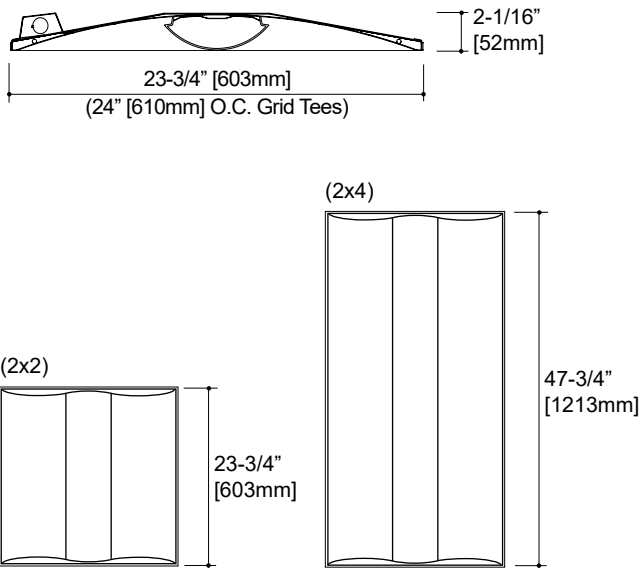
**Shielding:** Extruded snap-on smooth frosted acrylic diffuser. Optional smooth clear center with round perf overlay.

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

**Mounting:** Acoustical grid, IC rated.

**Labels:** ETL listed, conforms to UL Standard 1598 and 8750. Damp location listed.

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



**Ordering Information**

Sample: M2D-2-30L35-UNV-DIM-DL

| Series          | Length <sup>1</sup> | Lumens <sup>2</sup>                          | Color   | Voltage    | Driver                   | Options  |
|-----------------|---------------------|--|---|------------|--------------------------|--|
| M2D             |                     |  |   |            |                          |  |
| (Nom. 2' width) | 2                   | (Nom. 2')                                    | 80CRI   | UNV        | DIM <sup>3</sup> Dimming | RPO Round Perf Overlay Center Diffuser   |
|                 | 4                   | 20<br>20HP<br>30<br>30HP<br>40<br>(Nom. 4')  | L30<br>L35<br>L40<br>90CRI<br>H30<br>H35<br>H40 | 120<br>277 |                          | SIC Seismic Clips<br>DSR Daylight Sensor - Remote<br>CP Chicago Plenum             |
|                 |                     | 30<br>30HP<br>40<br>40HP<br>50<br>50HP<br>60 |   |            |                          | FLEX3 6' of Flex, 3-wire ("Class 2" low voltage control wires not sleeved in flex) |

**Notes:**

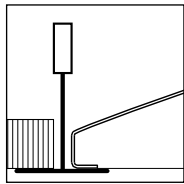
- Nominal for 2' and 4' grid ceiling.
- Preliminary nominal lumen packages. Optional perf diffuser will reduce output.
- 0-10V dimming input, consult factory.



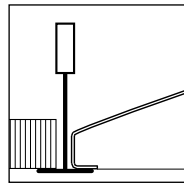
Specifications and dimensions are subject to change without notification. Specification sheets on our website supersede all other versions. Nulite reserves the right to bulk package any order.

2017 Rev B

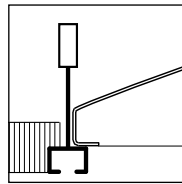
**Grid Ceiling Mounting Details**



1" Tee Grid



9/16" Tee Grid



Screw Slot Grid

**Lumen Packages for (Standard Center Frosted Diffuser)**

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

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