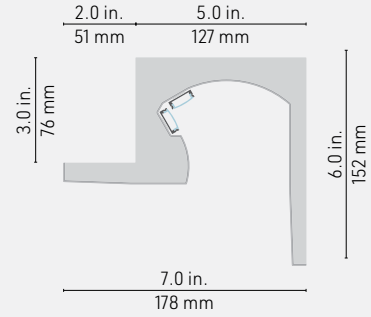


# NIDUS

Gypsum Series



## Cross-section dimensions:



The **NIDUS** profile is an easy and affordable solution for lightgrazing a wall, while keeping the **LED source concealed** and the **corner visually intact**. Install over 2×3in. beams/joists, without the need to build elaborate wood structures, level with the gypsum panels, then mount the LED profile(s) at the position yielding the desired beam direction. Great above blinds or curtains!

## FEATURES

- Shape made of architectural-grade extruded polystyrene foam for stiffness and a high R-factor, exterior surface reinforced with fiberglass for rigidity, finished in white plaster that is primable and paintable like a regular gypsum panel.
- Flush installation with standard 1/2in. gypsum panels, or level out to 5/8in. panels with drywall mud and tape, while supporting the edges over 2x3in. wall/ceiling beams.
- Direct fit for the 1100 and 1200 profiles in ALCOA 6063-T5 aluminum alloy for superior heat dissipation, allowing the use of the full range of 1000 Series lenses, for full control of the lighting effect. The profiles can be installed at one or both of the two available positions.
- Designed to give a uniform light without hot spots with series 1200, an opal lens and an LED engine of 120 LEDs per meter or more.
- Application guide for 10mm (3/8-inch) LED engine or less.
- Available only in sections of 8 feet (2.4m). Customer is responsible for cutting.



Fire Rated Material Type : **NFPA CLASS C**  
(tested under ASTM E84. Similar to UL723, ANSI/NFPA No. 255 and UBC No. 8-1)

## OPTIONS



## LED ENGINE COMPATIBILITY

Compatible with LED engines up to **14mm** wide.








## LINEAR WEIGHT

1.368 lbs/ft, 2.036 kg/m (without aluminum profile or lens)


















GYPSUM PROFILE	LENGTH
 <p><b>NID</b> - Gypsum profile * Light source delivered separately from the Gypsum fixture.</p>	Available in straight section of 8 feet (96 inches/2.4 m).
QUANTITY	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>96 INCHES</b> </div>

### Suggested aluminum profile options (for more information see product pages pp.10-13)

ALU PROFILE	LENSES	MOUNTING HARDWARE	LENGTH
 <p><b>1100</b> - Profile, Alu</p>  <p><b>1200</b> - 1200 Profile, alu</p>	 <p><b>OX</b> - Optiflex lens</p>  <p><b>OP</b> - Opal lens</p>  <p><b>NO</b> - No Lens</p>	 <p><b>3M</b> - 3M mounting tape, 8mm</p>  <p><b>NO</b> - No mounting hardware</p>	Custom length by sections of 2 to 240 inches (6m).
ALU PROFILE	LENSES	MOUNTING HARDWARE	LENGTH

### LED engine will be assembled on site. See Appendix 3 on page 267 to see how to calculate total ordering length.

COLOR TEMPERATURE	LUMEN PACKAGE*	LEAD IN/OUT	USAGE	POWER SUPPLY/CONTROL	LENGTH
 <b>24</b> - 2400K  <b>27</b> - 2700K  <b>30</b> - 3000K  <b>35</b> - 3500K  <b>42</b> - 4200K  <b>53</b> - 5300K (LHP only)  <b>62</b> - 6200K (LP only)  <b>WD1</b> - 2200-2700K 14W  <b>WD3</b> - 2700-3500K 14W  <b>TW1</b> - Tunable White 11W  <b>TW2</b> - Tunable White 19W  <b>RGB1</b> - RGB 14W  <b>RGB2</b> - RGB 19W  <b>RGBW1</b> - 3000K  <b>RGBW2</b> - 3000K 4in1	<p><b>LP0</b> - 128 LM / 1.5W FT / 90+CRI  <b>LP1</b> - 160 LM / 1.5W FT / 90+CRI  <b>LP2</b> - 255 LM / 3.0W FT / 90+CRI  <b>LP3</b> - 308 LM / 4.5W FT / 90+CRI  <b>LP4</b> - 400 LM / 5.8W FT / 90+CRI  <b>LHP</b> - 700 LM / 7.0W FT / 95+CRI</p> <p><b>Note:</b> Not applicable for Warmdim (WD), Tunable White (TW) &amp; RGB color temperatures</p>	<p><b>HW3</b> - Hardwire 3 FT  <b>HW6</b> - Hardwire 6 FT  <b>HW9</b> - Hardwire 9 FT  <b>HWX</b> - Hardwire custom FT  <b>DC3</b> - DC plug 3 FT  <b>DC6</b> - DC plug 6 FT  <b>DC9</b> - DC plug 9 FT  <b>DCX</b> - DC plug custom FT  <b>NO</b> - No lead</p>	I - IP22 indoor dry location	<p><b>A</b> - Non-dimming  <b>B</b> - ELV dimming 120V AC  <b>C</b> - ELV dimming 120/277 VAC**  <b>D</b> - 0/10V dimming 120/277 VAC  <b>E</b> - Non-dimming DC plug in  <b>F</b> - DMX  <b>G</b> - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W  <b>I</b> - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC  <b>J</b> - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC  <b>K</b> - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC  <b>NO</b> - No driver</p>	<p><b>Total length of LED engine in inches</b> - See Appendix 3 (page 267) on how to calculate length.</p>
COLOR TEMPERATURE CCT	LUMEN PACKAGE	LEAD IN LEAD OUT	USAGE	POWER SUPPLY / CONTROL	LED ENGINE LENGTH

\*NOTE: The light output is provided in lumens per foot, for a CCT of 4200K and a clear lens. Please refer to the optics page for CCT and translucency conversion factors. \*\* Only available in 96W - 24V Driver