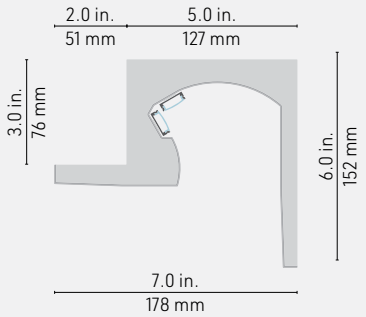
NIDUS

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

DOT FREE

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)

info@lumentruss.com / www.lumentruss.com / 1-855-384-3384

NIDUS ordering sheet

GYPSUM PROFILE	LENGTH
 **NID** - Gypsum profile ** Light source delivered separately from the Gypsum fixture.*	Available in straight section of 8 feet (96 inches/2.4 m).

NID	-	96"	x	
PROFILE		LENGTH		QTY

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

ALU PROFILE

1100 - Profile, Alu

1200 - 1200 Profile, alu

LENSES

OX - Optiflex lens

OP - Opal lens

NO - No Lens

MOUNTING HARDWARE

3M - 3M mounting tape, 8mm

NO - No mounting hardware

LENGTH

Custom length by sections of 2 to 240 inches (6m).

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ALU PROFILE		LENSES		MOUNTING HARDWARE		LENGTH

LED engine will be assembled on site. See Appendix 3 on page 259 to see how to calculate total ordering length.

COLOR TEMPERATURE

- **24** - 2400K
- **27** - 2700K
- **30** - 3000K
- **35** - 3500K
- **42** - 4200K
- **53** - 5300K (LHP only)
- **62** - 6200K (LP only)

- **WD1** - 2200-2700K 14W
- **WD3** - 2700-3500K 14W
- **TW1** - Tunable White 11W
- **TW2** - Tunable White 19W
- **RGB1** - RGB 14W
- **RGB2** - RGB 19W
- **RGBW2** - 3000K 4in1

LUMEN PACKAGE*

- **LP0 - 119 LM / 1.5W FT / 90+CRI**
- **LP1 - 137 LM / 1.5W FT / 90+CRI**
- **LP2 - 234 LM / 3.0W FT / 90+CRI**
- **LP3 - 335 LM / 4.4W FT / 90+CRI**
- **LP4 - 488 LM / 5.8W FT / 90+CRI**
- **LHP - 668 LM / 7.0W FT / 95+CRI**

Lumen Package selection is not available for **WD**, **TW** and **RGB** color options.

LEAD IN/OUT

- **HW3** - Hardwire 3 FT
- **HW6** - Hardwire 6 FT
- **HW9** - Hardwire 9 FT
- **HWX** - Hardwire custom FT
- **DC3** - DC plug 3 FT
- **DC6** - DC plug 6 FT
- **DC9** - DC plug 9 FT
- **DCX** - DC plug custom FT
- **NO** - No lead

USAGE

- **I** - IP22 indoor dry location

For **TW** or **RGB** strip options, select either **A** [Non-dimming] or **E** [Non-dimming DC plug] in power supply plus the **J** [Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC] controller.

POWER SUPPLY/CONTROL

- **A** - Non-dimming
- **B** - ELV dimming 120V AC
- **C** - ELV dimming 120/277 VAC**
- **D** - 0/10V dimming 120/277 VAC
- **E** - Non-dimming DC plug in
- **F** - DMX
- **G** - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W
- **I** - Casambi CBU-A2D-0/10V-DALI-Bluetooth 100/277 VAC
- **J** - Casambi CBU-PWM4-4CH-Bluetooth 100/277 VAC
- **K** - Casambi CBU-TED-CV-Trail edge dim-Bluetooth 120 VAC
- **NO** - No driver

LENGTH

Total lenght of LED engine in inches - See Appendix 3 (page 259) on how to calculate length.

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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 no lens. Please refer to the optics page for CCT and translucency conversion factors. ** Only available in 96W - 24V Driver