# LATUS
## Gypsum Series



MUD-IN PROFILE

### Cross-section dimensions:



3.5 in. / 89 mm
4.3 in. / 108 mm
2.5 in. / 64 mm
1.3 in. / 32 mm
1.7 in. / 44 mm
10.3 in. / 260 mm

MADE IN NORTH AMERICA | ALCOA 6063-T5 ANODIZED ALUMINUM | c UL us | GYP | 5 YEARS WARRANTY | LOW CARBON FOOTPRINT
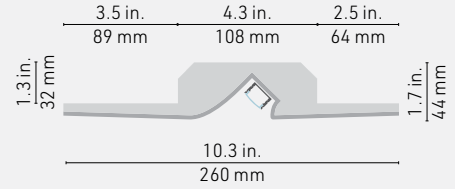
The **LATUS** is an asymmetric recessed LED moulding for drywall, allowing **washing an adjacent surface with light from a 45-degree angle**, from a distance of your choice. The uniform light distribution enhances the appearance of art and displayed items. A direct fit with standard gypsum panels, it needs only a low (1-1/4in.) back clearance, and can be easily installed between smaller beams or joists.

### 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 5/8in. gypsum panels.
– 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.
– 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.

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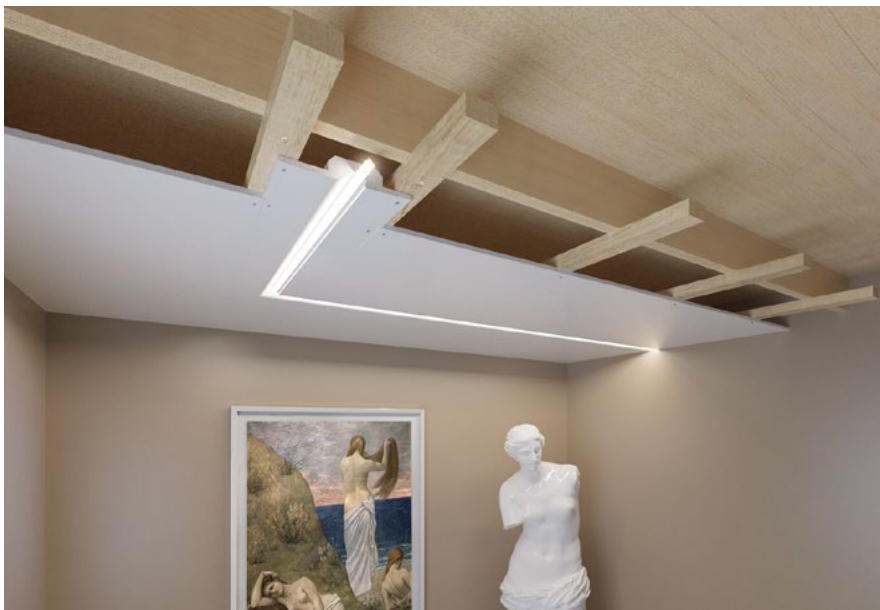(tested under ASTM E84. Similar to UL723, ANSI/NFPA No. 255 and UBC No. 8-1)

### OPTIONS

DOT FREE

### LED ENGINE COMPATIBILITY

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

### LINEAR WEIGHT

0.637 lbs/ft, 0.947 kg/m (without aluminum profile or lens)

| GYPSUM PROFILE | LENGTH |
|---|---|

**LAT** - Gypsum profile
*\* Light source delivered separately from the Gypsum fixture.*

Available in straight section of 8 feet (96 inches/2.4 m).

QUANTITY     x     **96 INCHES**     LENGTH

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

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

– ALU PROFILE   –   LENSES   –   MOUNTING HARDWARE   –   LENGTH

## LED engine will be assembled on site. See Appendix 3 on page 159 to see how to calculate total ordering length.

| COLOR TEMPERATURE | LUMEN PACKAGE* | LEAD IN / OUT | USAGE | POWER SUPPLY / CONTROL | LENGTH |
|---|---|---|---|---|---|
| **24** - 2400K | **LP0** - 128 LM / 1.5W FT / 90+CRI | **HW3** - Hardwire 3 FT | **I** - IP22 indoor dry location | **A** - Non-dimming | **Total lenght of LED engine in inches** - See Appendix 3 on how to calculate length. |
| **27** - 2700K | **LP1** - 160 LM / 1.5W FT / 90+CRI | **HW6** - Hardwire 6 FT | | **B** - ELV dimming 120V AC | |
| **30** - 3000K | **LP2** - 255 LM / 3.0W FT / 90+CRI | **HW9** - Hardwire 9 FT | | **C** - ELV dimming 120/277 VAC** | |
| **35** - 3500K | **LP3** - 308 LM / 4.5W FT / 90+CRI | **HWX** - Hardwire custom FT | | **D** - 0/10V dimming 120/277 VAC | |
| **42** - 4200K | **LP4** - 400 LM / 5.8W FT / 90+CRI | **DC3** - DC plug 3 FT | | **E** - Non-dimming DC plug in | |
| **53** - 5300K (LHP only) | **LHP** - 700 LM / 7.0W FT / 95+CRI | **DC6** - DC plug 6 FT | | **F** - DMX | |
| **62** - 6200K (LP only) | | **DC9** - DC plug 9 FT | | **G** - Lutron - HI-LUME PREMIER 0,1% Eco System 24V/96W | |
| **WD1** - WarmDim 14W | **Note:** Not applicable for Warmdim, Tunable White & RGB color temperatures | **DCX** - DC plug custom FT | | **I** - Casambi CBU-A2D-0/10V– DALI–Bluetooth 100/277 VAC | |
| **WD2** - WarmDim 17W | | **SUS** - Coaxial wire 15 Ft | | **J** - Casambi CBU-PWM4-4CH– Bluetooth 100/277 VAC | |
| **TW1** - Tunable White 11W | | **NO** - No lead | | **K** - Casambi CBU-TED-CV-Trail edge dim–Bluetooth 120 VAC | |
| **TW2** - Tunable White 19W | | | | | |
| **RGB1** - RGB 14W | | | | **NO** - No driver | |
| **RGB2** - RGB 19W | | | | | |
| **RGBW1** - 3000K | | | | | |
| **RGBW2** - 3000K 4in1 | | | | | |

– 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**

Gypsum

# NOTES