

# LITUS 1.6

The Litus 1 series features a sophisticated flush/trimless mount design and with 6 standard optic options are highly versatile for both general and more dynamic lighting. The square version can be used for downlight applications as well.

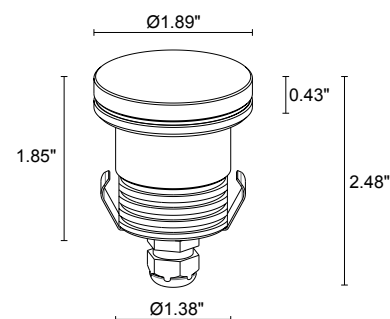
**The Bright 1, Smoothy 1 and Litus 1 series all use the same LED.**

## TECHNICAL DATA

|                           |                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wattage / Input</b>    | 2.5W, 3.5W (24VDC)                                                                                                                       |
| <b>Power Supply</b>       | Remote, not included. See page 2.                                                                                                        |
| <b>Construction</b>       | Body: Aluminum Alloy EN AW 6082<br>Lens: Tempered, Serigraphed-gray, and Transparent Extra-clear Glass                                   |
| <b>CCT</b>                | 2700K, 3000K, 4000K                                                                                                                      |
| <b>CRI</b>                | CRI >80, CRI >90                                                                                                                         |
| <b>BUG Rating</b>         | B0-U2-G0 (3000K, 2.5W/3.5W, 35° sharp)<br>B0-U3-G0 (3000K, 2.5W/3.5W, 13°, 22°, 30°, 48°, Diffuse)                                       |
| <b>Delivered Lumens</b>   | See chart - below right                                                                                                                  |
| <b>Efficacy</b>           | 56.4 lm/W (3000K, 2.5W, CRI 80)<br>50.0 lm/W (3000K, 2.5W, CRI 90)<br>53.7 lm/W (3000K, 3.5W, CRI 80)<br>47.1 lm/W (3000K, 3.5W, CRI 90) |
| <b>Optics</b>             | 6 Standard (see below)<br><i>The diffused light is made by an opal acrylic under the glass - no optic inside.</i>                        |
| <b>Finishes</b>           | Glass                                                                                                                                    |
| <b>Fixture Dimensions</b> | Ø1.89" x 2.48" h                                                                                                                         |
| <b>Aperture</b>           | Ø1.89"                                                                                                                                   |
| <b>Fixture Weight</b>     | 0.44 lbs                                                                                                                                 |
| <b>LED Source</b>         | 1 Power LED                                                                                                                              |
| <b>Lumen Maintenance</b>  | L90,B10>50,000hrs (Ta 25°C)                                                                                                              |
| <b>Color Consistency</b>  | 1/4 ANSI BIN                                                                                                                             |
| <b>Operating Temp.</b>    | -4°F to +113°F                                                                                                                           |
| <b>IP Rating</b>          | IP67                                                                                                                                     |
| <b>IK Rating</b>          | IK08                                                                                                                                     |
| <b>Driveover</b>          | 2205 lbs                                                                                                                                 |



Fixture Dimensions



| Delivered Lumens (3000K, 22°) | 2.5W   | 3.5W   |
|-------------------------------|--------|--------|
| <b>CRI 80</b>                 | 141 lm | 188 lm |
| <b>CRI 90</b>                 | 125 lm | 165 lm |

## ORDERING INFORMATION

Example: LT16000FLNV or LT16000FLNV-1. Accessories / Power Supplies ordered separately.

|               |            |           |               | NV         |                |
|---------------|------------|-----------|---------------|------------|----------------|
| Model No.     | CRI        | CCT       | Optics        | Finish     | Cable Length   |
| LT1600 (2.5W) | 0 - 80 CRI | F - 2700K | S - 13°       | NV - Glass | 4.92' standard |
| LT1601 (3.5W) | 1 - 90 CRI | 5 - 3000K | M - 22°       |            | 1 - 16.40'     |
|               |            | 9 - 4000K | F - 30°       |            | 2 - 32.81'     |
|               |            |           | P - 35° sharp |            | 4 - 65.62'     |
|               |            |           | L - 48°       |            |                |
|               |            |           | D - Diffuse   |            |                |

Job Name/Date:

Fixture Type Designation:

**SUGGESTED POWER SUPPLIES**

24VDC

| Part Number               | Description                                             | Input/Output                       | # of Fixtures<br>2.5W   3.5W |      |
|---------------------------|---------------------------------------------------------|------------------------------------|------------------------------|------|
| <a href="#">PPLT00284</a> | Non-Dim                                                 | 120-277VAC to 24VDC, 100W, Class 2 | 1-32                         | 1-22 |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2 | 4-32                         | 3-22 |

**Suggested Lutron Compatible**

| Part Number               | Option       | Lutron SKU | Dim Range | Description                                   | Input/Output                      | # of Fixtures<br>2.5W 3.5W |      |
|---------------------------|--------------|------------|-----------|-----------------------------------------------|-----------------------------------|----------------------------|------|
| <a href="#">PPLT00530</a> | L3DAE / L3D0 | L3DA/L3D0  | 100%-1%   | Hi-Lume™ 0.1% EcoSystem™ or 3-Wire LED Driver | 120-277VAC to 24VDC, 96W, Class 2 | 1-30                       | 1-21 |

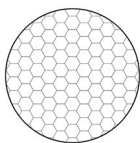
**DRIVERS IN NEMA ENCLOSURE**

Remote 24VDC - ELV / TRIAC / 0-10V

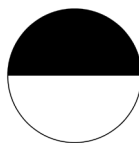


PPLT00715

| Part Number               | Description                         | Input/Output                                | # of Fixtures<br>2.5W 3.5W |      |
|---------------------------|-------------------------------------|---------------------------------------------|----------------------------|------|
| <a href="#">PPLT00715</a> | ELV / TRIAC / 0-10V Dimming to 0.1% | 120-277VAC to 24VDC, 96W, Class 2, WET/DAMP | 1-30                       | 1-21 |

*For other power supply options consult factory.***ACCESSORIES - Anti-Glare****WH0100**

Honeycomb Louvre  
*Can be fitted on all optics  
except for 48° (L) optic*

**WE0600S**

Anti-glare lens, half transparent and half serigraphed black  
*Can be fitted on all optics  
except for 48° (L) optic*

**ACCESSORIES - Installation****WC4010**

Outer Casing  
*For ingrade use*

**WL0100**

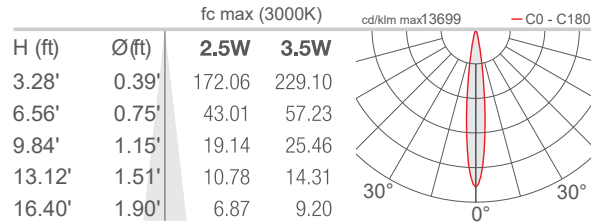
Suction cup fixture  
removal tool

*Job Name/Date:**Fixture Type Designation:*

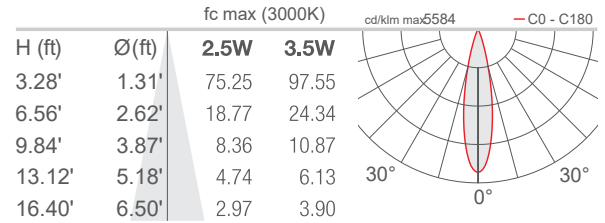
## PHOTOMETRIC DATA

Note all Photometry is CRI 80, 3000K

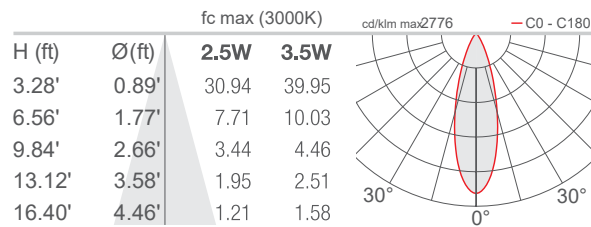
### S - 13° CRI 80



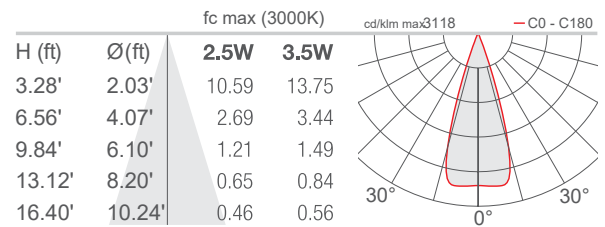
### M - 22° CRI 80



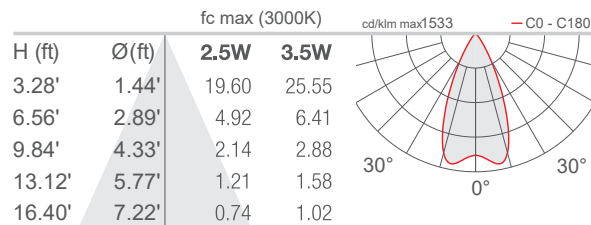
### F - 30° CRI 80



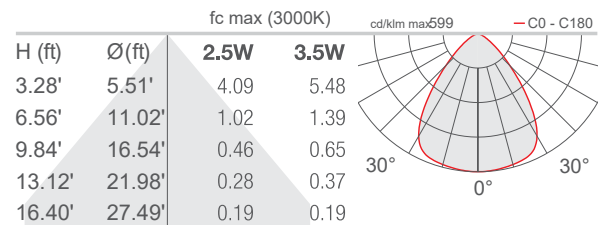
### P - 35° sharp CRI 80



### L - 48° CRI 80



### D - Diffuse CRI 80 (Litus 1.6 / 1.7)



Job Name/Date:

Fixture Type Designation: