

# LITUS 2.4

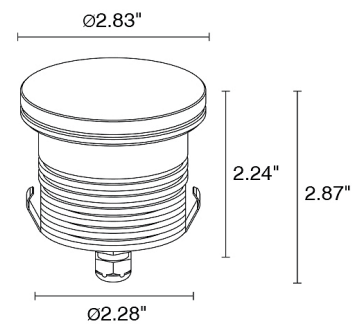
The Litus 2 series features a sophisticated flush/trimless mount design with a wide selection of optic options. These fixtures are highly versatile for both general and more dynamic lighting. The square version can be used for downlight applications as well. **The Bright 2, Smoothy 2 and Litus 2 series all use the same LED.**

## TECHNICAL DATA

|                           |  |
|---------------------------|--|
| <b>Wattage / Input</b>    | 3.5W, 5W, 7W (24VDC); 7W RGB (700mA)   |
| <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, RGB<br>(3500K on request, consult factory)  |
| <b>CRI</b>                | >80, >90   |
| <b>Delivered Lumens</b>   | See chart - below right for static white<br>RGB: 235 lm: (R) 92 lm, (G) 105 lm, (B) 38 lm  |
| <b>Efficacy</b>           | 70.4 lm/W (5W,CRI 80), 56.8 lm/W (5W,CRI 90)<br>66.1 lm/W (7W,CRI 80), 53.4 lm/W (7W,CRI 90)<br>33.6 lm/W (RGB)                  |
| <b>Optics</b>             | 10 Standard (White), 4 Standard (RGB)<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> | Ø2.83" x 2.87" I   |
| <b>Fixture Weight</b>     | 0.77 lbs   |
| <b>LED Source</b>         | 1 High Intensity Power LED; RGB: 3 Power LEDs  |
| <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, 34°) | 5W     | 7W     |
|-------------------------------|--------|--------|
| <b>CRI 80</b>                 | 352 lm | 463 lm |
| <b>CRI 90</b>                 | 284 lm | 374 lm |

## ORDERING INFORMATION

Example: LT24010FLNV or LT24010FLNV-1. Accessories / Power Supplies ordered separately.

| Model # | Wattage   | CRI                      | CCT                                 | Optics                        | Finish     | Cable Length   |
|---------|---|--------------------------|-------------------------------------|-------------------------------|------------|--|
| LT240   | 0 - 3.5W<br>(5°, 80CRI, 4000K only)<br>1 - 5W<br>2 - 7W | 0 - 80 CRI<br>1 - 90 CRI | F - 2700K<br>5 - 3000K<br>9 - 4000K | U - 5° (3.5W only)    M - 34° | NV - Glass | 4.92' standard<br>1 - 16.40'<br>2 - 32.81'<br>3 - 49.21'<br>4 - 65.62' |
|         |   |                          |                                     | V - 8°    L - 45°             |            |  |
|         |   |                          |                                     | T - 11°    Q - 61° sharp      |            |  |
|         |   |                          |                                     | S - 17°    W - 13°x52°        |            |  |
| LT243   | 2 - 7W  |                          | 6 - RGB                             | P - 21° sharp    D - Diffuse  |            |  |
|         |   |                          |                                     | S - 20°    L - 45°            |            |  |
|         |   |                          |                                     | M - 34°    W - 21°x42°        |            |  |

Job Name/Date:

Fixture Type Designation:

## SUGGESTED POWER SUPPLIES

24VDC

| Part Number               | Description   | Input/Output                            | # of Fixtures |      |      |
|---------------------------|---|---|---------------|------|------|
|                           |   |   | 3.5W          | 5W   | 7W   |
| <a href="#">PPLT00632</a> | 0-10V Dimming (Dim to Off)                              | 120-277VAC to 24VDC, 12W, Class 2       | 1-2           | 1-1  | 1-1  |
| <a href="#">PPLT00056</a> | Non-Dim   | 120-277VAC to 24VDC, 26W, Class 2, IP66 | 1-5           | 1-4  | 1-2  |
| <a href="#">PPLT00157</a> | Non-Dim   | 120VAC to 24VDC, 60W, Class 2           | 1-13          | 1-9  | 1-6  |
| <a href="#">PPLT00599</a> | ELV / TRIAC & 0-10V Dimming (100 to 0%)                 | 120-277VAC to 24VDC, 96W, Class 2       | 1-21          | 1-15 | 1-10 |
| <a href="#">PPLT00158</a> | Non-Dim   | 120VAC to 24VDC, 100W, Class 2          | 1-22          | 1-16 | 1-11 |
| <a href="#">PPLT00543</a> | 0-10V Dimming to 15% (-40°C / -40°F cold weather start) | 120-277VAC to 24VDC, 100W, Class 2      | 3-22          | 2-16 | 2-11 |

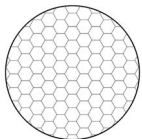
700mA - RGB

| Part Number                 | Description  | Input/Output                       | # of Fixtures |
|-----------------------------|--|------------------------------------|---------------|
|                             |  |                                    | 7W            |
| <a href="#">PPLT00244-P</a> | DMX / RDM (Must advise DMX addresses if not using RDM) | 120-277VAC to 700mA, 50W, Class 2  | 1-5           |
| <a href="#">PPLT00129-P</a> | DMX / RDM (Field Addressable)                          | 120-277VAC to 700mA, 100W, Class 2 | 1-9           |

For other power supply options consult factory.

## ACCESSORIES

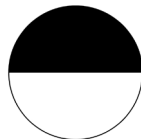
### Anti-Glare



#### WH0203

Honeycomb Louvre

**Not available for sharp (P, Q),  
diffuse (D) or 13°x52° (W) optics**



#### WE0602S

Anti-glare lens, half  
transparent and half  
serigraphed black

**\*Can be fitted on all optics  
except for RGB version**

## ACCESSORIES

### Installation



#### WC4020

Outer Casing  
For ingrade use



#### WL0100

Suction cup fixture  
removal tool

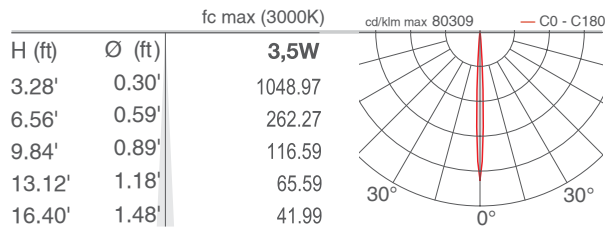
Job Name/Date:

Fixture Type Designation:

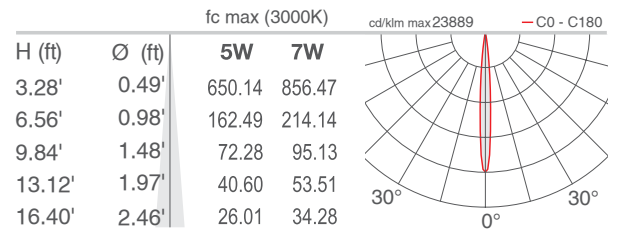
## PHOTOMETRIC DATA

Note all Photometry is CRI 80, 3000K

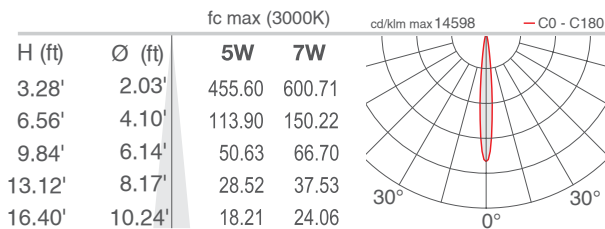
### U - 5° CRI 80



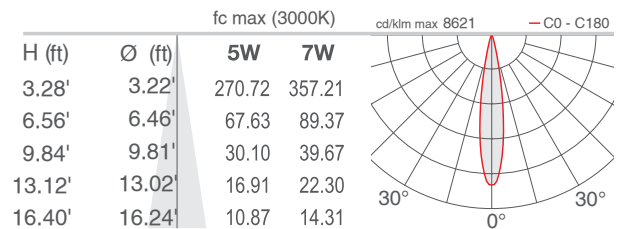
### V - 8° CRI 80



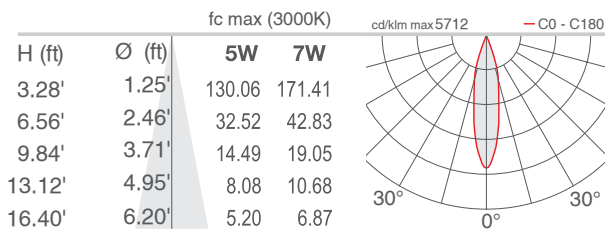
### T - 11° CRI 80



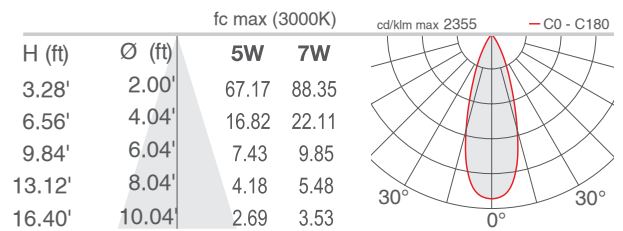
### S - 17° CRI 80



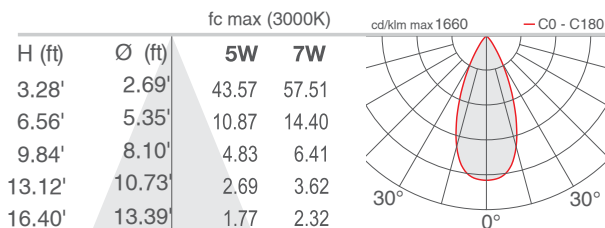
### P - 21° sharp CRI 80



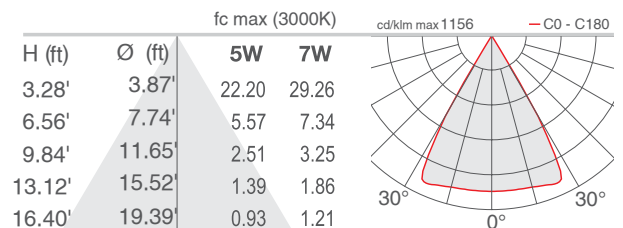
### M - 34° CRI 80



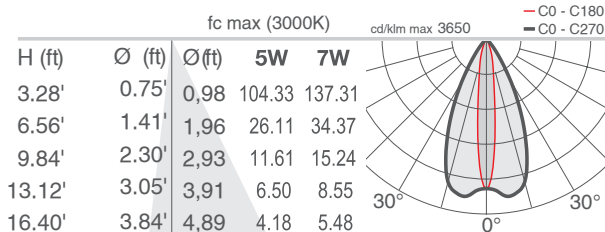
### L - 45° CRI 80



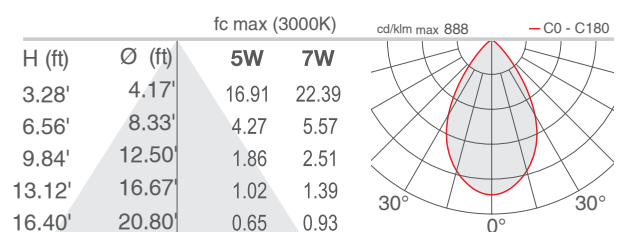
### Q - 61° sharp CRI 80



### W - 13°x52° CRI 80



### D - Diffuse CRI 80 (Litus 2.4 / 2.5)



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Fixture Type Designation: