

## FEATURES & SPECIFICATIONS

**INTENDED USE** — Ideal for a wide variety of low- to medium-height ceiling applications including commercial, retail and hospitality spaces where a wallwash fixture is required.

**CONSTRUCTION** — Utilizes an extruded socket housing that attaches to the reflector via key hole mount, which provides superior heat dissipation and extended lamp life. Socket housing also adjusts to accommodate varying lamp lengths.

Heavy-gauge, die-formed galvanized steel mounting frame. Attached to frame are vertically adjustable mounting brackets for use with C channels, ½" steel conduit or 16-gauge flat bar hangers included, standard. Frames are equipped with galvanized junction box UL Listed for through-wire applications. Junction boxes equipped with (2) ¾" and (4) ½" conduit knockouts with pryout slots and removable access doors.

Reflector clips packed with reflector for installation on rough-in.

Maximum 1-1/2" ceiling thickness.

**OPTICS** — Aluminum full reflectors are optically designed to maximize lumen output and to provide superior glare control. Anodized finishes for wallwash reflectors are semi-specular or diffuse in a variety of colors. Polyester powder coat finishes are also available.

Wallwash reflector intended to direct light with a horizontal component to increase light intensity on walls, as well as provide downward light on horizontal surfaces. Kicker must face wall to be illuminated.

**ELECTRICAL** — Electronic ballast with end of lamp life protection standard. Class P thermally protected ballast protects against improper contact with insulation. Minimum starting temperature is 0°F/-18°C.

Rated for #12 AWG conductor thru-branch wiring. Minimum 90° supply wire.

Ground wire provided.

**Lamp Socket Base:**

DTT 4-pin lamps — 13W (G24Q-1); 18W (G24Q-2); 26W (G24Q-3)

TRT 4-pin lamps — 13W (GX24Q-1); 18W (GX24Q-2); 26W & 32W (GX24Q-3); 42W (GX24Q-4)

**LISTINGS** — Fixtures are UL Listed for thru-branch wiring, Non-IC recessed mounting, damp location, and to U.S. and Canadian Safety Standards.

**WARRANTY** — 1-year limited warranty. Complete warranty terms located at [www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

Note: Specifications subject to change without notice.

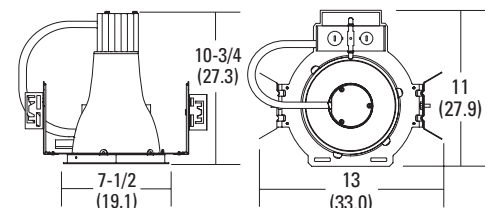
|                |
|----------------|
| Catalog Number |
| Notes          |
| Type           |

### Compact Fluorescent Downlighting

## 6" LP6FN

### WALLWASH

Vertical 1-Lamp, Double Twin-Tube (DTT) or Triple-Tube (TRT)



#### Specifications

Max. height: 10-3/4 (27.3)

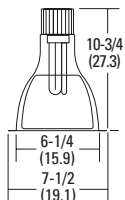
Ceiling opening: 7 (17.8)

Overlap trim: 7-1/2 (19.1)

Length: 13 (33.0)

Width: 11 (27.9)

All dimensions are inches (centimeters) unless otherwise indicated.



### ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

**Example:** LP6FN 26-42TRT 6W9A MVOLT

| LP6FN  |                             |                                           |                                                            |                                                                                                                                                      |
|--------|-----------------------------|-------------------------------------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series | Wattage/Lamp                | Reflector/Color                           | Voltage                                                    | Options <sup>5</sup>                                                                                                                                 |
| LP6FN  | 13DTT <sup>1</sup>          | 6W9 White wallwash                        | <b>MVOLT<sup>3</sup></b><br>120<br>277<br>347 <sup>4</sup> | ADEZ Advance Mark 10™ electronic dimming ballast, 120V or 277V. Must be voltage specific. Minimum dimming level 5%                                   |
|        | 18DTT                       | <b>6W9A</b> Clear diffuse wallwash        |                                                            | ECOS Lutron EcoSystem electronic dimming ballast, 120V - 277V. Must be wattage specific. Minimum dimming level 5%                                    |
|        | 26DTT                       | <b>6W9AZ</b> Clear semi-specular wallwash |                                                            | <b>EL</b> Emergency PSDL3 DL battery pack with integral test switch <sup>6</sup>                                                                     |
|        | 13TRT <sup>1</sup>          | 6W9G Gold diffuse wallwash                |                                                            | <b>ELR</b> Emergency PSDL3 DL battery pack with remote test switch <sup>6</sup>                                                                      |
|        | 18TRT                       | 6W9GZ Gold semi-specular wallwash         |                                                            | ELHL Iota I-420-R High lumen output emergency battery pack. Internal test switch provided. Maximum average lumen output is 1300 (42W) <sup>7</sup>   |
|        | <b>26-42TRT<sup>2</sup></b> | 6W9PR Pewter diffuse wallwash             |                                                            | ELRHL Iota I-420-EM-B High lumen output emergency battery pack. Remote test switch provided. Maximum average lumen output is 1300 (42W) <sup>7</sup> |
|        | 26TRT                       | 6W9WTZ Wheat semi-specular wallwash       |                                                            | GMF Single slow-blow fuse, must specify voltage                                                                                                      |
|        | 32TRT                       |                                           |                                                            | BDP Ballast disconnect plug (meets codes that require in-fixture disconnect) <sup>4</sup>                                                            |
|        | 42TRT                       |                                           |                                                            | RIF1 Radio interference filter                                                                                                                       |
|        |                             |                                           |                                                            | LBH Less barhangers                                                                                                                                  |
|        |                             |                                           |                                                            | WLP 35K lamp (shipped separately)                                                                                                                    |
|        |                             |                                           |                                                            | TRW White flange                                                                                                                                     |

#### Accessories: Order as separate catalog number.

|      |                                                                                                                   |
|------|-------------------------------------------------------------------------------------------------------------------|
| SCA6 | Sloped ceiling adaptor. Degree of slope must be specified (10D, 15D, 20D, 25D, 30D) Ex: SCA6 <b>10D</b> .         |
| CTE6 | Ceiling thickness extender is used when ceiling thickness is greater than 1-1/2 (3.8). Maximum thickness 2 (5.1). |

#### Notes

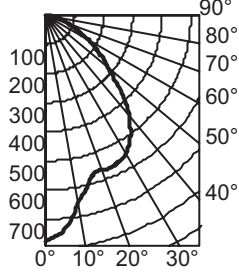
- Not available with ADEZ or ECOS.
- Not available with ECOS or WLP.
- Electronic multi-volt ballast capable of operating any line voltage from 120-277V, 50 or 60Hz.
- Not available with EL or ELR.
- For additional options see [www.lithonia.com](http://www.lithonia.com).
- Add 3" (7.6) to width and 4-1/2" (11.4) to length.
- Not recommended for field installation.

# 6" LP6FN Vertical 1-Lamp, Double Twin-Tube (DTT) or Triple Tube (TRT), Wallwash

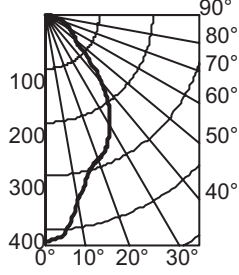
## PHOTOMETRICS

| Distribution Curve | Distribution Data | Output Data | Coefficient of Utilization | Illuminance Data at 30" Above Floor for a Single Luminaire |
|--------------------|-------------------|-------------|----------------------------|------------------------------------------------------------|
|--------------------|-------------------|-------------|----------------------------|------------------------------------------------------------|

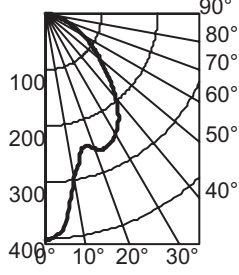
LP6FN 32TRT 6W9A MVOLT, (1) 32W TRT lamp, 2400 rated lumens, Test no. LTL11817

|  | Intensity Distribution |     | Zonal Lumen Summary |        | Coefficients of Utilization |       |        |        |        |
|----------------------------------------------------------------------------------|------------------------|-----|---------------------|--------|-----------------------------|-------|--------|--------|--------|
|                                                                                  | Horizontal Angle       |     | Zone                |        | 20%                         |       |        |        |        |
|                                                                                  | Vertical Angle         | 0°  | Lumens              | % Lamp | pf                          | 80%   | 70%    | 50%    |        |
|                                                                                  | 0°                     | 776 | 0° - 30°            | 593.9  | 24.7                        | pc    | 50%30% | 50%30% | 50%30% |
|                                                                                  | 5°                     | 739 | 0° - 40°            | 942.3  | 39.3                        | pw    | 50%30% | 50%30% | 50%30% |
|                                                                                  | 15°                    | 586 | 0° - 60°            | 1279.1 | 53.3                        | 0     | 67 67  | 66 66  | 63 63  |
|                                                                                  | 25°                    | 566 | 0° - 90°            | 1359.8 | 56.7                        | 1     | 61 59  | 60 58  | 58 56  |
|                                                                                  | 35°                    | 509 | 90° - 180°          | 0.0    | 0.0                         | 2     | 55 52  | 54 52  | 52 50  |
|                                                                                  | 45°                    | 365 | 0° - 180°           | 1359.8 | *56.7                       | 3     | 50 47  | 49 46  | 48 45  |
|                                                                                  | 55°                    | 225 | *Total Efficiency   |        | 4                           | 46 42 | 45 41  | 44 41  |        |
|                                                                                  | 65°                    | 119 |                     |        | 5                           | 42 38 | 41 37  | 40 37  |        |
|                                                                                  | 75°                    | 57  |                     |        | 6                           | 38 34 | 38 34  | 37 33  |        |
|                                                                                  | 85°                    | 15  |                     |        | 7                           | 35 31 | 35 31  | 34 30  |        |
|                                                                                  | 90°                    | 0   |                     |        | 8                           | 33 28 | 32 28  | 32 28  |        |
|                                                                                  |                        |     |                     |        | 9                           | 30 26 | 30 26  | 29 26  |        |
|                                                                                  |                        |     |                     |        | 10                          | 28 24 | 28 24  | 27 24  |        |

LP6FN 18TRT 6W9A MVOLT, (1) 18W TRT lamp, 1200 rated lumens, Test no. LTL11818

|  | Intensity Distribution |     | Zonal Lumen Summary |        | Coefficients of Utilization |       |        |        |        |
|-----------------------------------------------------------------------------------|------------------------|-----|---------------------|--------|-----------------------------|-------|--------|--------|--------|
|                                                                                   | Horizontal Angle       |     | Zone                |        | 20%                         |       |        |        |        |
|                                                                                   | Vertical Angle         | 0°  | Lumens              | % Lamp | pf                          | 80%   | 70%    | 50%    |        |
|                                                                                   | 0°                     | 421 | 0° - 30°            | 286.3  | 23.9                        | pc    | 50%30% | 50%30% | 50%30% |
|                                                                                   | 5°                     | 408 | 0° - 40°            | 422.5  | 35.2                        | pw    | 50%30% | 50%30% | 50%30% |
|                                                                                   | 15°                    | 307 | 0° - 60°            | 511.5  | 42.6                        | 0     | 54 54  | 52 52  | 50 50  |
|                                                                                   | 25°                    | 269 | 0° - 90°            | 539.4  | 45.0                        | 1     | 49 48  | 48 47  | 46 45  |
|                                                                                   | 35°                    | 205 | 90° - 180°          | 0.0    | 0.0                         | 2     | 45 42  | 44 42  | 42 41  |
|                                                                                   | 45°                    | 109 | 0° - 180°           | 539.4  | *45.0                       | 3     | 41 38  | 40 38  | 39 37  |
|                                                                                   | 55°                    | 62  | *Total Efficiency   |        | 4                           | 38 35 | 37 34  | 36 34  |        |
|                                                                                   | 65°                    | 42  |                     |        | 5                           | 35 32 | 34 31  | 33 31  |        |
|                                                                                   | 75°                    | 22  |                     |        | 6                           | 32 29 | 32 29  | 31 28  |        |
|                                                                                   | 85°                    | 5   |                     |        | 7                           | 30 27 | 29 27  | 29 26  |        |
|                                                                                   | 90°                    | 0   |                     |        | 8                           | 28 25 | 27 25  | 27 24  |        |
|                                                                                   |                        |     |                     |        | 9                           | 26 23 | 26 23  | 25 23  |        |
|                                                                                   |                        |     |                     |        | 10                          | 24 21 | 24 21  | 24 21  |        |

LP6FN 18DTT 6W9A MVOLT, (1) 18W DTT lamp, 1250 rated lumens, Test no. LTL11819

|  | Intensity Distribution |     | Zonal Lumen Summary |        | Coefficients of Utilization |       |        |        |        |
|------------------------------------------------------------------------------------|------------------------|-----|---------------------|--------|-----------------------------|-------|--------|--------|--------|
|                                                                                    | Horizontal Angle       |     | Zone                |        | 20%                         |       |        |        |        |
|                                                                                    | Vertical Angle         | 0°  | Lumens              | % Lamp | pf                          | 80%   | 70%    | 50%    |        |
|                                                                                    | 0°                     | 402 | 0° - 30°            | 276.6  | 22.1                        | pc    | 50%30% | 50%30% | 50%30% |
|                                                                                    | 5°                     | 382 | 0° - 40°            | 437.7  | 35.0                        | pw    | 50%30% | 50%30% | 50%30% |
|                                                                                    | 15°                    | 249 | 0° - 60°            | 599.6  | 48.0                        | 0     | 61 61  | 59 59  | 57 57  |
|                                                                                    | 25°                    | 261 | 0° - 90°            | 637.0  | 51.0                        | 1     | 55 53  | 54 52  | 52 51  |
|                                                                                    | 35°                    | 227 | 90° - 180°          | 0.0    | 0.0                         | 2     | 50 47  | 49 46  | 47 45  |
|                                                                                    | 45°                    | 161 | 0° - 180°           | 637.0  | *51.0                       | 3     | 45 42  | 44 41  | 43 40  |
|                                                                                    | 55°                    | 103 | *Total Efficiency   |        | 4                           | 41 38 | 40 37  | 39 36  |        |
|                                                                                    | 65°                    | 56  |                     |        | 5                           | 38 34 | 37 33  | 36 33  |        |
|                                                                                    | 75°                    | 26  |                     |        | 6                           | 34 31 | 34 30  | 33 30  |        |
|                                                                                    | 85°                    | 6   |                     |        | 7                           | 32 28 | 31 28  | 31 27  |        |
|                                                                                    | 90°                    | 0   |                     |        | 8                           | 29 25 | 29 25  | 28 25  |        |
|                                                                                    |                        |     |                     |        | 9                           | 27 23 | 27 23  | 26 23  |        |
|                                                                                    |                        |     |                     |        | 10                          | 25 22 | 25 22  | 24 21  |        |

### Notes

Actual performance may differ as a result of end-user environment and application.