

|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |



GREENCREATIVE

# SPECFIT 6" NEW CONSTRUCTION

## SPECIFICATION FEATURES

- **Mechanical** - Galvanized steel plaster frame. Low profile bar hangers with non-pass through construction and leveling flanges contain integral tee bar clip and preinstalled nail. Bar hangers are adjustable from 13-1/4" to 24-1/2" and can be installed in suspended T-Grid or wood joist ceilings. Attached junction box with quick connect MC cable allows for easy fixture wiring. The reflector's spring action clips allow for a secure installation in ceilings from 1/2" to 2" thick.
- **Electrical** - Two selectable lumen output driver options with SelectDrive technology. The 120V, 50/60 Hz driver is forward or reverse phase dimmable to 5%. The 120-277V, 50/60 Hz driver is 0-10V dimmable to 5% with a low end cutoff and comes with a 12V auxiliary port that provides power for field installed sensors and control modules. Static lumen output driver options include the Lutron Hi-Lume 1% EcoSystem driver with Soft-On, Fade-to-Black which dims to 1%. EldoLED ECOdrive and SOLOdrive drivers are available in 0-10V and DALi configurations and dim smoothly to 1% and 0.1% respectively. Enlighted compact sensors and Philips EasySense sensors are field installable and directly integrate with the factory provided Philips Xitanium driver and Sensor Ready Bridge.
- **Optical** - Self-flanged plated polycarbonate reflector. 40° optical cutoff. Field interchangeable optical lenses. Five beam distributions range from 15° to 75°. Wall wash field installed accessory. COB LED binned to 3-step SDCM to ensure color uniformity in 2700K, 3000K, 3500K, 4000K or 5000K CCT. Minimum 90 CRI. 97 CRI with TRUE CHROMA available in 3000K only.
- **Thermal** - Die cast heat sink. L70 lifetime of 100,000 hours. Fixture operating temperature: -13°F to +95°F (-25°C to 35°C).
- **Compliance and Warranty** - ETL Classified and Listed for damp locations. ETL Classified for WET location, under covered ceiling, when utilizing WET option with field installed gasketed ring. Suitable for exterior under canopy mounting when utilizing OUT Outdoor Debris Ingress Protection option. 5 year parts warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty.



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010324



## BENEFITS

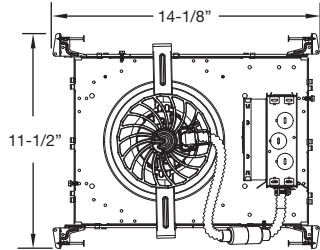
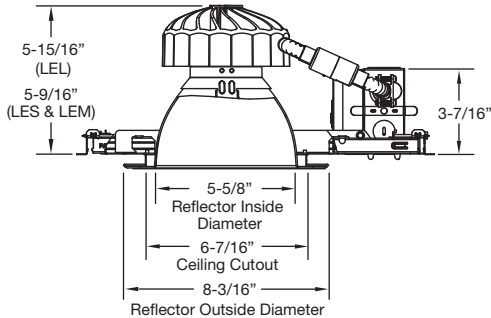
- Get the right amount of light with SelectDrive technology
- Fits standard 2x2 & 2x4 T-Grids and up to 24" wood joist spacing
- Multiple reflector finish options facilitate any décor
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options
- Exceptional color rendering and uniformity

## DIMENSIONS

## APPLICATIONS

- Commercial Office
- Hospitality
- Retail
- Educational
- Healthcare
- Exterior Under Canopy\*

\*Applicable with OUT Outdoor Debris Ingress Protection option.



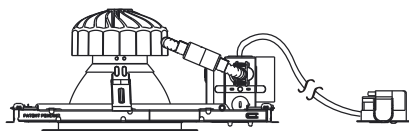


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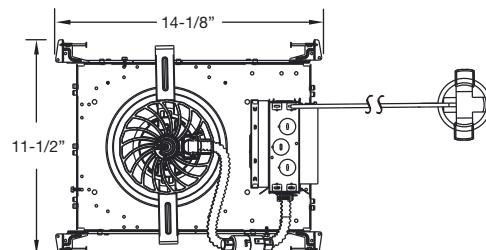
# SPECFIT 6" NEW CONSTRUCTION

## DIMENSIONS

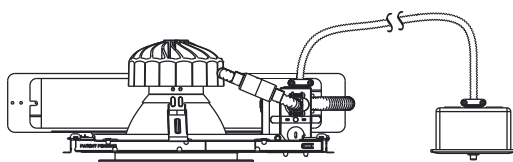
### with / Sensor



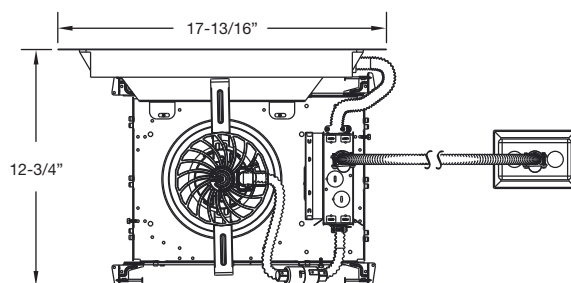
Philips EasySense sensor shown.  
Enlighted compact sensor also available.



### with / EM



EM Test Switch shown.  
Single gang j-box by others.



## ORDERING EXAMPLE

A complete fixture consists of one light engine and one reflector.

SelectDrive Light Engine: SPFTR6LEL9035KDIM010UNVMDOUTEM

Reflector: ADR6CC

### SelectDrive Light Engines

| Frame Housing                                                                  | Light Engine                                                                        | CRI                                                                           | CCT                                         | Driver                                                                                                   | Optical Distribution                                                                            | Options <sup>7</sup>                                                                                             |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>SPFTR6</b><br>SPECFIT Round<br>New Construction 6" | <input type="checkbox"/> <b>LES</b><br>Small Light Engine<br>500-700-1000 lumens    | <input type="checkbox"/> <b>90</b><br>90+ CRI                                 | <input type="checkbox"/> <b>27</b><br>2700K | <input type="checkbox"/> <b>KDIM120V</b><br>SelectDrive 120V, 50/60Hz<br>Forward/Reverse Phase dimming   | <input type="checkbox"/> <b>SP<sup>11</sup></b><br>Spot 15°<br>Beam Angle                       | <input type="checkbox"/> <b>SD347</b><br>347V - 240V<br>Step Down Transformer                                    |
|                                                                                | <input type="checkbox"/> <b>LEM</b><br>Medium Light Engine<br>1500-2000-2500 lumens | <input type="checkbox"/> <b>97<sup>3</sup></b><br>97 CRI 3000K<br>True Chroma | <input type="checkbox"/> <b>30</b><br>3000K | <input type="checkbox"/> <b>KDIM010UNV<sup>2</sup></b><br>SelectDrive 120-277V, 50/60Hz<br>0-10V dimming | <input type="checkbox"/> <b>MD<sup>1</sup></b><br>Medium (Installed Standard)<br>60° Beam angle | <input type="checkbox"/> <b>EM<sup>4</sup></b><br>10W Pre-installed<br>Emergency Backup                          |
|                                                                                | <input type="checkbox"/> <b>LEL</b><br>Large Light Engine<br>3000-4000-5000 lumens  |                                                                               | <input type="checkbox"/> <b>35</b><br>3500K |                                                                                                          | <input type="checkbox"/> <b>VN</b><br>Very Narrow<br>25° Beam angle                             | <input type="checkbox"/> <b>EM<sup>4</sup>-CEC</b><br>10W Pre-installed Emergency<br>Backup California Compliant |
|                                                                                |                                                                                     |                                                                               | <input type="checkbox"/> <b>40</b><br>4000K |                                                                                                          | <input type="checkbox"/> <b>NR</b><br>Narrow<br>40° Beam angle                                  | <input type="checkbox"/> <b>OUT</b><br>Outdoor Debris Ingress<br>Protection                                      |
|                                                                                |                                                                                     |                                                                               | <input type="checkbox"/> <b>50</b><br>5000K |                                                                                                          | <input type="checkbox"/> <b>WD</b><br>Wide<br>75° Beam angle                                    | <input type="checkbox"/> <b>WET<sup>10</sup></b><br>Field installable wet location<br>gasketed ring              |

### Reflectors

| Shape                                                      | Finish                                                              |                                                                               |                                                                        | BAA Option                                                                     |
|------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>ADR6</b><br>6" Round Reflector | <input type="checkbox"/> <b>CC</b><br>Clear Diffuse Trim and Flange | <input type="checkbox"/> <b>WH</b><br>Matte White Trim and Flange             | <input type="checkbox"/> <b>CW</b><br>Clear Diffuse Trim, White Flange | <input type="checkbox"/> <b>BAA<sup>13</sup></b><br>Buy American Act Compliant |
|                                                            | <input type="checkbox"/> <b>BL</b><br>Matte Black Trim and Flange   | <input type="checkbox"/> <b>CZ<sup>12</sup></b><br>Customized Trim and Flange |                                                                        |                                                                                |

<sup>1</sup> Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation. / <sup>2</sup> Dims to 5% with low end cutoff. Dimmer compatibility available on website. / <sup>3</sup> CRI97 TRUE CHROMA is only available in 3000K only and is not Energy Star rated. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine. / <sup>4</sup> EM cannot be combined with SD347 or SD480 option / <sup>7</sup> Options are factory installed and come with the Light Engine and Driver. / <sup>10</sup> Wet location makes the downlight ETL certified for WET location installation, separate gasketed ring will be provided with the light engine for field installation. WET location is not compatible with any sensor options. / <sup>11</sup> SP optic is not available with LEL model. / <sup>12</sup> Please contact factory for customized finish color or customized reflectors for feasibility and lead times. / <sup>13</sup> For BAA option all the parts are assembled together in our factory including the reflector and the light engine, also please put the reflector and the Light Engines together in the same reference when ordering BAA option, ex: SPFTR6LEM9035KDIM010UNVMDADR6CCBAA.



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# SPECFIT 6" NEW CONSTRUCTION

## ORDERING EXAMPLE

A complete fixture consists of one light engine and one reflector.

|                                                                                                     |                                                                                  |
|-----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| Philips Light Engine W/ Enlighted Micro Sensor: SPFTR6LE259040PSRUNV/NENLS-IOT<br>Reflector: ADR6CC | Lutron EcoSystem Light Engine: SPFTR6LE159027LUT-5UNVNR<br>Reflector: ADR6BL     |
| Philips Light Engine W/ EasySense Sensor: SPFTR6LE509030PSRUNV/NES<br>Reflector: ADR6CW             | EldoLED Light Engine SOLOdrive: SPFTR6LE209035ELD-S010UNVWD<br>Reflector: ADR6WH |

## ORDERING INFORMATION

### Fixed Output Light Engines

| Frame Housing                                                                  | Light Engine                                                     | CRI                                                                           | CCT                                         | Driver                                                                                                           | Optical Distribution                                                                            | Options <sup>7</sup>                                                                                                     |
|--------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------------------|---------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>SPFTR6</b><br>SPECFIT Round<br>New Construction 6" | <input type="checkbox"/> <b>LE05</b><br>500 lumens               | <input type="checkbox"/> <b>90</b><br>90+CRI                                  | <input type="checkbox"/> <b>27</b><br>2700K | <input type="checkbox"/> <b>PSRUNV</b><br>Signify 0-10V Driver +<br>Sensor Ready Bridge,<br>1% Dimming, 120-277V | <input type="checkbox"/> <b>SP<sup>10</sup></b><br>Spot 15°<br>Beam Angle                       | <input type="checkbox"/> <b>SD347</b><br>347V - 240V<br>Step Down Transformer                                            |
|                                                                                | <input type="checkbox"/> <b>LE07</b><br>700 lumens               | <input type="checkbox"/> <b>97<sup>3</sup></b><br>97 CRI 3000K<br>True Chroma | <input type="checkbox"/> <b>30</b><br>3000K | <input type="checkbox"/> <b>XT010UNV</b><br>Signify 0-10V Driver 1%<br>Dimming, 120-277V                         | <input type="checkbox"/> <b>MD<sup>1</sup></b><br>Medium (Installed Standard)<br>60° Beam angle | <input type="checkbox"/> <b>EM<sup>4</sup></b><br>10.7W Emergency Backup                                                 |
|                                                                                | <input type="checkbox"/> <b>LE10</b><br>1,000 lumens             |                                                                               | <input type="checkbox"/> <b>35</b><br>3500K | <input type="checkbox"/> <b>LUT-1UNV</b><br>Lutron EcoSystem 1%<br>Dimming, 120-277V                             | <input type="checkbox"/> <b>VN</b><br>Very Narrow<br>25° Beam angle                             | <input type="checkbox"/> <b>EM<sup>4</sup> -CEC</b><br>California Title 20 Compliant<br>10.7W Emergency Backup           |
|                                                                                | <input type="checkbox"/> <b>LE15</b><br>1,500 lumens             |                                                                               | <input type="checkbox"/> <b>40</b><br>4000K | <input type="checkbox"/> <b>LUT-L3DUNV</b><br>Lutron Hi-lume 3-Wire 1%<br>Dimming, 120-277V                      | <input type="checkbox"/> <b>NR</b><br>Narrow<br>40° Beam angle                                  | <input type="checkbox"/> <b>ES<sup>5</sup></b><br>Philips EasySense<br>ceiling mount sensor                              |
|                                                                                | <input type="checkbox"/> <b>LE20</b><br>2,000 lumens             |                                                                               | <input type="checkbox"/> <b>50</b><br>5000K | <input type="checkbox"/> <b>ELD-E010UNV</b><br>EldoLED ECOdrive<br>0-10V 1%, 120-277V                            | <input type="checkbox"/> <b>WD</b><br>Wide<br>75° Beam angle                                    | <input type="checkbox"/> <b>ENLS<sup>6</sup>-IL</b><br>Enlighted Two Wire<br><b>ENLIGHTED ONE</b><br>Compact Sensor      |
|                                                                                | <input type="checkbox"/> <b>LE25</b><br>2,500 lumens             |                                                                               |                                             | <input type="checkbox"/> <b>ELD-EDALIUNV</b><br>EldoLED ECOdrive<br>DALI 1%, 120-277V                            |                                                                                                 | <input type="checkbox"/> <b>ENLS<sup>6</sup>-CL</b><br>Enlighted Two Wire<br><b>CONNECTED LIGHTING</b><br>Compact Sensor |
|                                                                                | <input type="checkbox"/> <b>LE30</b><br>3,000 lumens             |                                                                               |                                             | <input type="checkbox"/> <b>ELD-S010UNV</b><br>EldoLED SOLOdrive<br>0-10V 0.1%, 120-277V                         |                                                                                                 | <input type="checkbox"/> <b>ENLS<sup>6</sup>-IOT</b><br>Enlighted Two Wire <b>IOT</b><br>Compact Sensor                  |
|                                                                                | <input type="checkbox"/> <b>LE40</b><br>4,000 lumens             |                                                                               |                                             | <input type="checkbox"/> <b>ELD-SDALIUNV</b><br>EldoLED SOLOdrive<br>DALI 0.1%, 120-277V                         |                                                                                                 | <input type="checkbox"/> <b>OUT</b><br>Outdoor Debris Ingress<br>Protection                                              |
|                                                                                | <input type="checkbox"/> <b>LE50<sup>9</sup></b><br>5,000 lumens |                                                                               |                                             |                                                                                                                  |                                                                                                 | <input type="checkbox"/> <b>WET<sup>9</sup></b><br>Field installable wet location<br>gasketed ring                       |

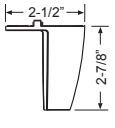
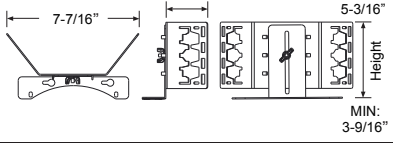
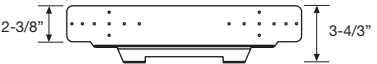
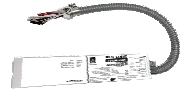
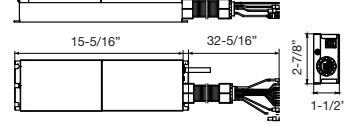
### Reflectors

| Shape                                                      | Finish                                                                                                                                                                                                                                                                                                                                                                   | BAA Option                                                                     |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <input type="checkbox"/> <b>ADR6</b><br>6" Round Reflector | <input type="checkbox"/> <b>CC</b><br>Clear Diffuse Trim and Flange<br><input type="checkbox"/> <b>BL</b><br>Matte Black Trim and Flange<br><input type="checkbox"/> <b>WH</b><br>Matte White Trim and Flange<br><input type="checkbox"/> <b>CW</b><br>Clear Diffuse Trim, White Flange<br><input type="checkbox"/> <b>CZ<sup>12</sup></b><br>Customized Trim and Flange | <input type="checkbox"/> <b>BAA<sup>13</sup></b><br>Buy American Act Compliant |

1 Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation / 3 CRI97 TRUE CHROMA is only available in 3000K only and is not Energy Star rated. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine. / 4 EM cannot be combined with SD347 or SD480 option / 5 Philips EasySense ceiling mounted sensor is only available with the PSRUNV driver / 6 Enlighted Two Wire Compact Sensor with ceiling mount is only available with the PSRUNV driver. / 7 Options are factory installed and come with the Light Engine and Driver. / 8 LE50 is not available with LUT-1UNV and LUT-L3DUNV. / 9 Wet location makes the downlight ETL certified for WET location installation, separate gasketed ring will be provided with the light engine for field installation. WET location is not compatible with any sensor options. / 10 SP optic is not available with LEL model. / 11 Please contact factory for customized finish color or customized reflectors for feasibility and lead times. / 13 For BAA option all the parts are assembled together in our factory including the reflector and the light engine, also please put the reflector and the Light Engines together in the same reference when ordering BAA option, ex: SPFTR6LEM9035KDIM010UNVMDADR6CCBAA.

# SPECFIT 6" NEW CONSTRUCTION

## ACCESSORY ORDERING INFORMATION

| Product           | Model             | Description                                                                                                                                            | Pictures                                                                           | Dimensions                                                                          |
|-------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 98079             | ADWAW             | Wall Wash<br>(Field Installed on Lens)                                                                                                                 |  |  |
| 35126             | NCFBFB            | Set of Two Field Installable Butterfly Brackets For New Construction Rough-in Frame                                                                    |  |  |
| 35125             | NCFEMB            | Field Installable Emergency Bracket For New Construction Rough-in Frame. To use with Micro Inverter or other field installable Emergency Driver.       |  |  |
| FHUPS1-UNV-25L-SD | FHUPS1-UNV-25L-SD | 25W Emergency Micro Inverter for field installation to use with 0-10V Driver options. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant |  |  |

## 10 YEAR EXTENDED WARRANTY

| Model                                                                                                                                                                                                                                        | SPFTR6 / LExx / 10YEARWARRANTY* |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| <p>*Where xx = Fixture Light Engine lumen output designation.<br/>           Example: 10 Year Warranty Part Number for SPFTR6/LEM or SPFTR6/LE20 Light engine is SPFT6R6/LEM/10YEARWARRANTY and SPFTR6/LE20/10YEARWARRANTY respectively.</p> |                                 |



# SPECFIT 6" NEW CONSTRUCTION

## TECHNICAL INFORMATION

| Light Engine | Input Voltage | Input Frequency | Input Current  | Input Power | THD Power | Power Factor |
|--------------|---------------|-----------------|----------------|-------------|-----------|--------------|
| LESXXX       | 120 / 277V    | 50 / 60Hz       | 0.115 / 0.047A | 13W         | <20%      | >0.9         |
| LEMXXX       | 120 / 277V    | 50 / 60Hz       | 0.270 / 0.114A | 31.5W       | <20%      | >0.9         |
| LELXXX       | 120 / 277V    | 50 / 60Hz       | 0.530 / 0.217A | 60W         | <20%      | >0.9         |
| LE05XXX      | 120 / 277V    | 50 / 60Hz       | 0.056 / 0.024A | 6.5W        | <20%      | >0.9         |
| LE07XXX      | 120 / 277V    | 50 / 60Hz       | 0.073 / 0.034A | 8.5W        | <20%      | >0.9         |
| LE10XXX      | 120 / 277V    | 50 / 60Hz       | 0.112 / 0.047A | 13W         | <20%      | >0.9         |
| LE15XXX      | 120 / 277V    | 50 / 60Hz       | 0.154 / 0.068A | 18W         | <20%      | >0.9         |
| LE20XXX      | 120 / 277V    | 50 / 60Hz       | 0.218 / 0.092A | 25.5W       | <20%      | >0.9         |
| LE25XXX      | 120 / 277V    | 50 / 60Hz       | 0.269 / 0.116A | 31.5W       | <20%      | >0.9         |
| LE30XXX      | 120 / 277V    | 50 / 60Hz       | 0.318 / 0.133A | 37.5W       | <20%      | >0.9         |
| LE40XXX      | 120 / 277V    | 50 / 60Hz       | 0.411 / 0.165A | 48.5W       | <20%      | >0.9         |
| LE50XXX      | 120 / 277V    | 50 / 60Hz       | 0.487 / 0.203A | 57.5W       | <20%      | >0.9         |

## NOMINAL PERFORMANCE

### LES (LE05 / LE07 / LE10) - Low / Medium / High - 6.5 / 8.5 / 13W

| CCT           | 2700K  |        |          | 3000K  |        |          | 3500K  |        |          | 4000K  |        |          | 5000K  |        |          |
|---------------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|--------|--------|----------|
| Output**      | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     | Low    | Medium | High     |
| Finish        | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   | lm LPW | lm LPW | lm LPW   |
| Clear Diffuse | 500 77 | 700 82 | 1,000 80 | 525 81 | 735 86 | 1,050 84 | 550 85 | 770 91 | 1,100 88 | 575 88 | 805 95 | 1,150 92 | 580 89 | 810 95 | 1,165 93 |
| White         | 495 76 | 693 82 | 990 79   | 520 80 | 728 86 | 1,040 83 | 545 84 | 762 90 | 1,089 87 | 569 88 | 797 94 | 1,139 91 | 574 88 | 802 94 | 1,153 92 |
| Black         | 440 68 | 616 72 | 880 70   | 462 71 | 647 76 | 924 74   | 484 74 | 678 80 | 968 77   | 506 78 | 708 83 | 1,012 81 | 510 78 | 714 84 | 1,015 81 |

### LEM (LE15 / LE20 / LE25) - Low / Medium / High - 18.0 / 25.5 / 31.5W

| CCT           | 2700K    |          |          | 3000K    |          |          | 3500K    |          |          | 4000K    |          |          | 5000K    |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Output**      | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     |
| Finish        | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   |
| Clear Diffuse | 1,600 89 | 2,125 83 | 2,500 79 | 1,632 91 | 2,169 85 | 2,550 81 | 1,664 92 | 2,210 87 | 2,600 83 | 1,696 94 | 2,253 88 | 2,650 84 | 1,713 95 | 2,275 89 | 2,677 85 |
| White         | 1,584 88 | 2,104 82 | 2,475 78 | 1,616 90 | 2,147 84 | 2,525 80 | 1,647 91 | 2,188 86 | 2,574 82 | 1,679 93 | 2,230 87 | 2,624 83 | 1,696 94 | 2,252 88 | 2,650 84 |
| Black         | 1,408 78 | 1,870 73 | 2,200 70 | 1,436 80 | 1,909 75 | 2,244 71 | 1,464 81 | 1,945 77 | 2,288 73 | 1,492 83 | 1,983 77 | 2,332 74 | 1,507 84 | 2,002 79 | 2,355 75 |

### LEL (LE30 / LE40 / LE50) - Low / Medium / High - 37.5 / 48.5 / 60.0W

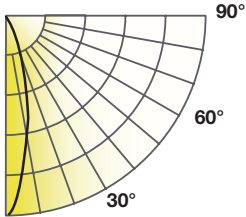
| CCT           | 2700K    |          |          | 3000K    |          |          | 3500K    |          |          | 4000K    |          |          | 5000K    |          |          |
|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Output**      | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     | Low      | Medium   | High     |
| Finish        | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   | lm LPW   |
| Clear Diffuse | 3,325 89 | 4,085 84 | 4,750 79 | 3,360 90 | 4,080 84 | 4,800 80 | 3,500 93 | 4,250 88 | 5,000 83 | 3,640 97 | 4,420 91 | 5,200 87 | 3,640 97 | 4,420 91 | 5,200 87 |
| White         | 3,292 88 | 4,044 83 | 4,703 78 | 3,326 89 | 4,039 83 | 4,752 79 | 3,465 92 | 4,208 87 | 4,950 82 | 3,604 96 | 4,376 90 | 5,148 86 | 3,604 96 | 4,376 90 | 5,148 86 |
| Black         | 2,826 78 | 3,472 71 | 4,038 67 | 2,856 77 | 3,468 71 | 4,080 68 | 2,975 79 | 3,613 75 | 4,250 71 | 3,094 82 | 3,757 77 | 4,420 74 | 2,829 75 | 3,757 77 | 4,420 74 |

\*\* Lumen output are based on rated lumens, for exact value please refer to the IES files

# SPECFIT 6" NEW CONSTRUCTION

## PHOTOMETRY

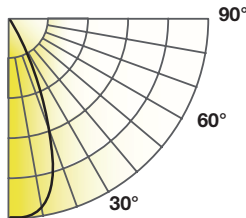
SPFTR6-LES9035-KDIM010-UNV-VN-ADR6CC



Lumens: 1,236 lm  
Power: 12.7 W  
Efficacy: 98 lm/W  
CRI: 90+  
Spacing Criteria: 0.4  
Beam Angle: 25°

| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 2,603        | 4                   | 278 | 2             | 0-30                | 1,139  | 93%   |
| 20                       | 1,157        | 6                   | 123 | 3             | 0-40                | 1,214  | 98%   |
| 30                       | 293          | 8                   | 69  | 4             | 0-60                | 1,234  | 100%  |
| 40                       | 40           | 10                  | 44  | 5             | 0-90                | 1,236  | 100%  |
| 50                       | 6            | 12                  | 31  | 5             |                     |        |       |
| 60                       | 2            |                     |     |               |                     |        |       |
| 70                       | 1            |                     |     |               |                     |        |       |
| 80                       | 0            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |

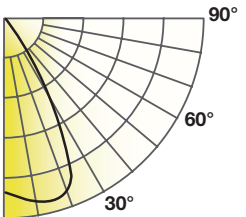
SPFTR6-LES9035-KDIM010-UNV-NR-ADR6CC



Lumens: 1,234 lm  
Power: 12.5 W  
Efficacy: 99 lm/W  
CRI: 90+  
Spacing Criteria: 0.7  
Beam Angle: 43°

| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 2,233        | 4                   | 141 | 3             | 0-30                | 1,111  | 93%   |
| 20                       | 1,401        | 6                   | 63  | 5             | 0-40                | 1,217  | 98%   |
| 30                       | 456          | 8                   | 35  | 6             | 0-60                | 1,233  | 100%  |
| 40                       | 46           | 10                  | 23  | 8             | 0-90                | 1,234  | 100%  |
| 50                       | 5            | 12                  | 16  | 9             |                     |        |       |
| 60                       | 2            |                     |     |               |                     |        |       |
| 70                       | 1            |                     |     |               |                     |        |       |
| 80                       | 0            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |

SPFTR6-LES9035-KDIM010-UNV-MD-ADR6CC



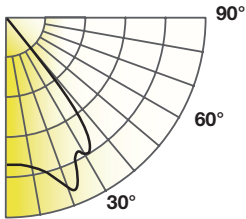
Lumens: 1,240 lm  
Power: 12.2 W  
Efficacy: 102 lm/W  
CRI: 90+  
Spacing Criteria: 0.9  
Beam Angle: 64°

| Candlepower Distribution |              | Initial Footcandles |    |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 1,317        | 8                   | 80 | 4             | 0-30                | 965    | 74%   |
| 20                       | 1,277        | 10                  | 36 | 7             | 0-40                | 1,203  | 95%   |
| 30                       | 755          | 12                  | 20 | 9             | 0-60                | 1,237  | 100%  |
| 40                       | 168          | 15                  | 13 | 11            | 0-90                | 1,240  | 100%  |
| 50                       | 8            | 20                  | 9  | 13            |                     |        |       |
| 60                       | 2            |                     |    |               |                     |        |       |
| 70                       | 1            |                     |    |               |                     |        |       |
| 80                       | 0            |                     |    |               |                     |        |       |
| 90                       | 0            |                     |    |               |                     |        |       |

# SPECFIT 6" NEW CONSTRUCTION

## PHOTOMETRY

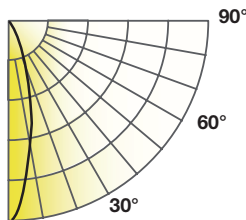
SPFTR6-LES9035-KDIM010-UNV-WD-ADR6CC



Lumens: 1,257 lm  
Power: 12.28 W  
Efficacy: 102.33 lm/W  
CRI: 90+  
Spacing Criteria: 1.2  
Beam Angle: 76.9°

| Candlepower Distribution |              | Initial Footcandles |    |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 1,153        | 4                   | 56 | 6             | 0-30                | 663    | 53%   |
| 20                       | 1,238        | 6                   | 25 | 9             | 0-40                | 1120   | 89%   |
| 30                       | 704          | 8                   | 14 | 13            | 0-60                | 1251   | 100%  |
| 40                       | 137          | 10                  | 9  | 16            | 0-90                | 1257   | 100%  |
| 50                       | 26           | 12                  | 6  | 19            |                     |        |       |
| 60                       | 6            |                     |    |               |                     |        |       |
| 70                       | 2            |                     |    |               |                     |        |       |
| 80                       | 0            |                     |    |               |                     |        |       |
| 90                       | 0            |                     |    |               |                     |        |       |

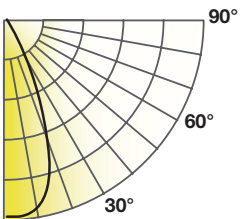
SPFTR6-LEM9035-KDIM010-UNV-VN-ADR6CC



Lumens: 2,555 lm  
Power: 30.9 W  
Efficacy: 83 lm/W  
CRI: 90+  
Spacing Criteria: 0.4  
Beam Angle: 25°

| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 5,592        | 4                   | 607 | 2             | 0-30                | 2,364  | 93%   |
| 20                       | 2,178        | 6                   | 270 | 3             | 0-40                | 2,510  | 98%   |
| 30                       | 635          | 8                   | 152 | 3             | 0-60                | 2,539  | 100%  |
| 40                       | 88           | 10                  | 97  | 4             | 0-90                | 2,555  | 100%  |
| 50                       | 12           | 12                  | 67  | 5             |                     |        |       |
| 60                       | 4            |                     |     |               |                     |        |       |
| 70                       | 1            |                     |     |               |                     |        |       |
| 80                       | 0            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |

SPFTR6-LEM9035-KDIM010-UNV-NR-ADR6CC



Lumens: 2,567 lm  
Power: 31.1 W  
Efficacy: 83 lm/W  
CRI: 90+  
Spacing Criteria: 0.7  
Beam Angle: 41°

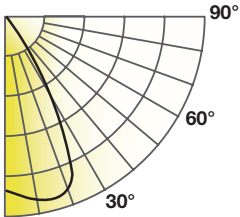
| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 4,978        | 8                   | 302 | 3             | 0-30                | 2,332  | 91%   |
| 20                       | 2,529        | 10                  | 134 | 5             | 0-40                | 2,532  | 99%   |
| 30                       | 920          | 12                  | 76  | 6             | 0-60                | 2,562  | 100%  |
| 40                       | 86           | 15                  | 48  | 7             | 0-90                | 2,567  | 100%  |
| 50                       | 11           | 20                  | 34  | 9             |                     |        |       |
| 60                       | 3            |                     |     |               |                     |        |       |
| 70                       | 1            |                     |     |               |                     |        |       |
| 80                       | 0            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |



# SPECFIT 6" NEW CONSTRUCTION

## PHOTOMETRY

SPFTR6-LEM9035-KDIM010-UNV-MD-ADR6CC



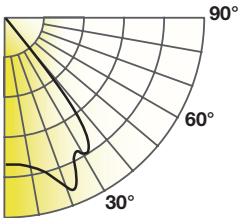
Lumens: 2,532 lm  
Power: 30.9 W  
Efficacy: 82 lm/W  
CRI: 90+  
Spacing Criteria: 0.9  
Beam Angle: 65°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 2,493        |
| 20                       | 2,839        |
| 30                       | 1,555        |
| 40                       | 232          |
| 50                       | 13           |
| 60                       | 4            |
| 70                       | 2            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 4                   | 164 | 4             |
| 6                   | 73  | 6             |
| 8                   | 41  | 8             |
| 10                  | 26  | 11            |
| 12                  | 18  | 13            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,957  | 77%   |
| 0-40                | 2,460  | 97%   |
| 0-60                | 2,526  | 100%  |
| 0-90                | 2,532  | 100%  |

SPFTR6-LEM9035-KDIM010-UNV-WD-ADR6CC



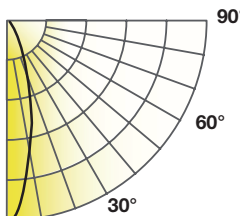
Lumens: 2,555 lm  
Power: 31.0 W  
Efficacy: 82 lm/W  
CRI: 90+  
Spacing Criteria: 1.2  
Beam Angle: 83°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,508        |
| 20                       | 1,366        |
| 30                       | 2,064        |
| 40                       | 1,066        |
| 50                       | 45           |
| 60                       | 13           |
| 70                       | 5            |
| 80                       | 2            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 4                   | 113 | 6             |
| 6                   | 50  | 9             |
| 8                   | 28  | 13            |
| 10                  | 18  | 16            |
| 12                  | 13  | 19            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,289  | 50%   |
| 0-40                | 2,261  | 89%   |
| 0-60                | 2,543  | 100%  |
| 0-90                | 2,555  | 100%  |

SPFTR6-LEL9035-KDIM010-UNV-VN-ADR6CC



Lumens: 4,709 lm  
Power: 60.7 W  
Efficacy: 78 lm/W  
CRI: 90+  
Spacing Criteria: 0.5  
Beam Angle: 33°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 813          |
| 20                       | 478          |
| 30                       | 204          |
| 40                       | 26           |
| 50                       | 5            |
| 60                       | 2            |
| 70                       | 1            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 8                   | 176 | 5             |
| 10                  | 113 | 6             |
| 12                  | 78  | 7             |
| 15                  | 50  | 9             |
| 20                  | 28  | 12            |

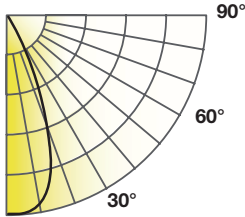
| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 4,118  | 88%   |
| 0-40                | 4,566  | 97%   |
| 0-60                | 4,687  | 100%  |
| 0-90                | 4,709  | 100%  |



# SPECFIT 6" NEW CONSTRUCTION

## PHOTOMETRY

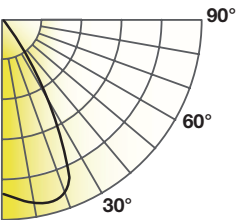
SPFTR6-LEL9035-KDIM010-UNV-NR-ADR6CC



Lumens: 4,874 lm  
Power: 61.1 W  
Efficacy: 80 lm/W  
CRI: 90+  
Spacing Criteria: 0.7  
Beam Angle: 44°

| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 7,615        | 8                   | 145 | 7             | 0-30                | 4,182  | 86%   |
| 20                       | 5,149        | 10                  | 93  | 8             | 0-40                | 4,780  | 98%   |
| 30                       | 2,134        | 12                  | 64  | 10            | 0-60                | 4,858  | 100%  |
| 40                       | 223          | 15                  | 41  | 12            | 0-90                | 4,874  | 100%  |
| 50                       | 33           | 20                  | 23  | 16            |                     |        |       |
| 60                       | 11           |                     |     |               |                     |        |       |
| 70                       | 5            |                     |     |               |                     |        |       |
| 80                       | 2            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |

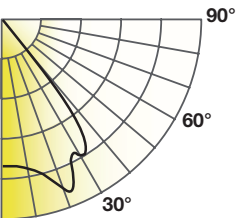
SPFTR6-LEL9035-KDIM010-UNV-MD-ADR6CC



Lumens: 5,017 lm  
Power: 60.59 W  
Efficacy: 82.80 lm/W  
CRI: 90+  
Spacing Criteria: 0.78  
Beam Angle: 54.7°

| Candlepower Distribution |              | Initial Footcandles |     |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|-----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc  | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 5,967        | 4                   | 105 | 8             | 0-30                | 3,691  | 74%   |
| 20                       | 4,373        | 6                   | 67  | 10            | 0-40                | 4,850  | 97%   |
| 30                       | 3,080        | 8                   | 47  | 12            | 0-60                | 5,000  | 100%  |
| 40                       | 872          | 10                  | 30  | 15            | 0-90                | 5,017  | 100%  |
| 50                       | 41           | 12                  | 17  | 20            |                     |        |       |
| 60                       | 13           |                     |     |               |                     |        |       |
| 70                       | 5            |                     |     |               |                     |        |       |
| 80                       | 2            |                     |     |               |                     |        |       |
| 90                       | 0            |                     |     |               |                     |        |       |

SPFTR6-LEL9035-KDIM010-UNV-WD-ADR6CC



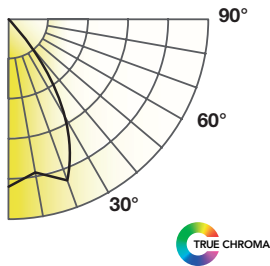
Lumens: 5,068 lm  
Power: 60.6 W  
Efficacy: 83 lm/W  
CRI: 90+  
Spacing Criteria: 1.1  
Beam Angle: 74°

| Candlepower Distribution |              | Initial Footcandles |    |               | Zonal Lumen Summary |        |       |
|--------------------------|--------------|---------------------|----|---------------|---------------------|--------|-------|
| Angle (°)                | Average (cd) | Height (ft)         | Fc | Diameter (ft) | Zone                | Lumens | %Fixt |
| 10                       | 3,860        | 8                   | 63 | 12            | 0-30                | 3,107  | 61%   |
| 20                       | 3,786        | 10                  | 40 | 15            | 0-40                | 4,612  | 91%   |
| 30                       | 3,355        | 12                  | 28 | 18            | 0-60                | 5,038  | 99%   |
| 40                       | 1,658        | 15                  | 18 | 23            | 0-90                | 5,068  | 100%  |
| 50                       | 99           | 20                  | 10 | 30            |                     |        |       |
| 60                       | 30           |                     |    |               |                     |        |       |
| 70                       | 12           |                     |    |               |                     |        |       |
| 80                       | 5            |                     |    |               |                     |        |       |
| 90                       | 0            |                     |    |               |                     |        |       |

# SPECFIT 6" NEW CONSTRUCTION

## PHOTOMETRY - TRUE CHROMA

SPFTR6-LES9730-KDIM010-UNV-MD-ADR6CC



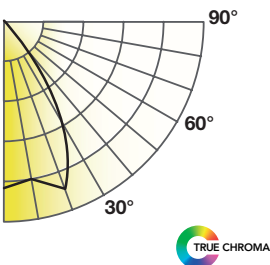
Lumens: 1,061 lm  
 Power: 13 W  
 Efficacy: 84 lm/W  
 CRI: 96  
 Spacing Criteria: 1.07  
 Beam Angle: 65°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 1,012        |
| 20                       | 978          |
| 30                       | 643          |
| 40                       | 172          |
| 50                       | 5            |
| 60                       | 0            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 4                   | 94 | 5             |
| 6                   | 42 | 8             |
| 8                   | 24 | 10            |
| 10                  | 15 | 13            |
| 12                  | 10 | 15            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 761    | 72%   |
| 0-40                | 1,012  | 95%   |
| 0-60                | 1,061  | 100%  |
| 0-90                | 1,061  | 100%  |

SPFTR6-LEM9730-KDIM010-UNV-MD-ADR6CC



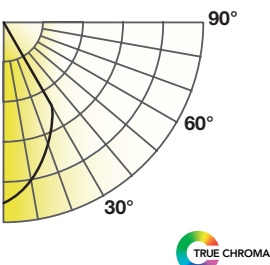
Lumens: 2,231 lm  
 Power: 33 W  
 Efficacy: 68 lm/W  
 CRI: 96  
 Spacing Criteria: 1.07  
 Beam Angle: 65°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 2,129        |
| 20                       | 2,057        |
| 30                       | 1,357        |
| 40                       | 366          |
| 50                       | 8            |
| 60                       | 2            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |     |               |
|---------------------|-----|---------------|
| Height (ft)         | Fc  | Diameter (ft) |
| 4                   | 198 | 5             |
| 6                   | 88  | 8             |
| 8                   | 49  | 10            |
| 10                  | 32  | 13            |
| 12                  | 22  | 15            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 1,595  | 72%   |
| 0-40                | 2,122  | 95%   |
| 0-60                | 2,229  | 100%  |
| 0-90                | 1,160  | 100%  |

SPFTR6-LEL9730-KDIM010UNV-MD-ADR6CC



Lumens: 4,230 lm  
 Power: 60W  
 Efficacy: 71 lm/W  
 CRI: 98  
 Spacing Criteria: 0.79  
 Beam Angle: 57°

| Candlepower Distribution |              |
|--------------------------|--------------|
| Angle (°)                | Average (cd) |
| 10                       | 2,129        |
| 20                       | 2,057        |
| 30                       | 1,357        |
| 40                       | 366          |
| 50                       | 8            |
| 60                       | 2            |
| 70                       | 0            |
| 80                       | 0            |
| 90                       | 0            |

| Initial Footcandles |    |               |
|---------------------|----|---------------|
| Height (ft)         | Fc | Diameter (ft) |
| 8                   | 49 | 9             |
| 10                  | 32 | 11            |
| 12                  | 22 | 13            |
| 15                  | 14 | 16            |
| 20                  | 8  | 22            |

| Zonal Lumen Summary |        |       |
|---------------------|--------|-------|
| Zone                | Lumens | %Fixt |
| 0-30                | 2,963  | 71%   |
| 0-40                | 4,027  | 95%   |
| 0-60                | 4,230  | 100%  |
| 0-90                | 4,230  | 100%  |