

Project Name:	Type:
Part Number:	Date:



GREENCREATIVE

# SPECFIT 8" 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 5-Series Ecosystem driver which provides smooth dimming to 5% and 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 spun aluminum reflector. 45° optical cutoff. Field interchangeable optical lenses. Four beam distributions range from 25° - 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 Listed for Damp locations. 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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## BENEFITS

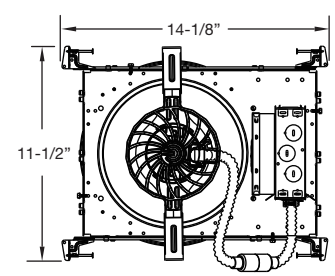
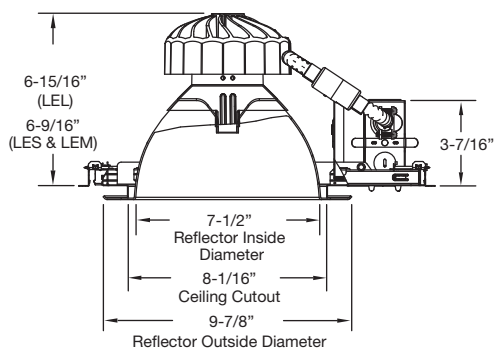
- Get the right amount of light with SelectDrive technology
- Fits standard 2x2 & 2x4 T-Grids and up to 24" wood joist spacing
- Multiple reflector finish options facilitate any décor
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options
- Exceptional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

## APPLICATIONS

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

\*Applicable with OUT Outdoor Debris Ingress Protection option.

## DIMENSIONS

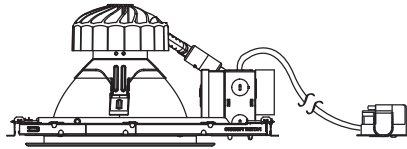




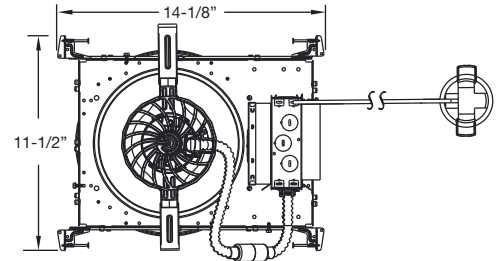
# SPECFIT 8" NEW CONSTRUCTION

## DIMENSIONS

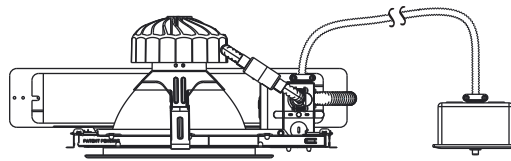
with / Sensor



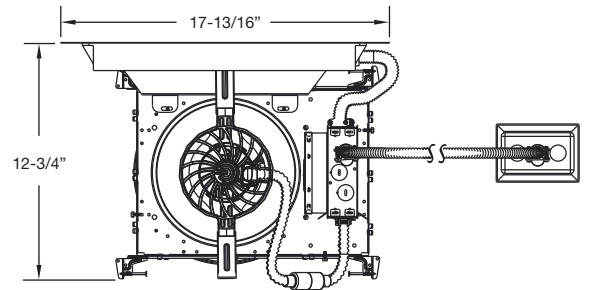
Philips EasySense sensor shown.  
Enlighted compact sensor also available.



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: SPFTR8/LEL9035/KDIM010UNV/MD/OUT/EM  
Reflector: ADR8CC

### SelectDrive Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options <sup>7</sup>
<input type="checkbox"/> <b>SPFTR8</b> SPECFIT Round New Construction 8"	<input type="checkbox"/> <b>LES</b> Small Light Engine 500-700-1000 lumens	<input type="checkbox"/> <b>90</b> 90+ CRI	<input type="checkbox"/> <b>27</b> 2700K	<input type="checkbox"/> <b>KDIM120V</b> SelectDrive 120V, 50/60Hz Forward/Reverse Phase dimming	<input type="checkbox"/> <b>SP<sup>11</sup></b> Spot 15° Beam Angle	<input type="checkbox"/> <b>SD347</b> 347V - 240V Step Down Transformer
	<input type="checkbox"/> <b>LEM</b> Medium Light Engine 1500-2000-2500 lumens	<input type="checkbox"/> <b>97<sup>3</sup></b> 97 CRI 3000K True Chroma	<input type="checkbox"/> <b>30</b> 3000K	<input type="checkbox"/> <b>KDIM010UNV<sup>2</sup></b> SelectDrive 120-277V, 50/60Hz 0-10V dimming	<input type="checkbox"/> <b>MD<sup>1</sup></b> Medium (Installed Standard) 60° Beam angle	<input type="checkbox"/> <b>EM<sup>4</sup></b> 10W Pre-installed Emergency Backup
	<input type="checkbox"/> <b>LEL</b> Large Light Engine 3000-4000-5000 lumens		<input type="checkbox"/> <b>35</b> 3500K		<input type="checkbox"/> <b>VN</b> Very Narrow 25° Beam angle	<input type="checkbox"/> <b>EM<sup>4</sup>-CEC</b> 10W Pre-installed Emergency Backup California Compliant
			<input type="checkbox"/> <b>40</b> 4000K		<input type="checkbox"/> <b>NR</b> Narrow 40° Beam angle	<input type="checkbox"/> <b>OUT</b> Outdoor Debris Ingress Protection
			<input type="checkbox"/> <b>50</b> 5000K		<input type="checkbox"/> <b>WD</b> Wide 75° Beam angle	

### Reflectors

Shape	Finish
<input type="checkbox"/> <b>ADR8</b> 8" Round Reflector	<input type="checkbox"/> <b>CC</b> Clear Diffuse Trim and Flange <input type="checkbox"/> <b>WH</b> Matte White Trim and Flange
	<input type="checkbox"/> <b>CW</b> Clear Diffuse Trim, White 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>11</sup> SP optic is not available with LEL model.



# SPECFIT 8" NEW CONSTRUCTION

## ORDERING EXAMPLE

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

Philips Light Engine W/ Enlighted Micro Sensor: SPFTR8/LE25/9040/PSRUNV/VN/ENLS-IOT Reflector: ADR8CC	Lutron EcoSystem Light Engine: SPFTR8/LE15/9027/LUT-5UNV/NR Reflector: ADR8BL
Philips Light Engine W/ EasySense Sensor: SPFTR8/LE50/9030/PSRUNV/VN/ES Reflector: ADR8CW	EldoLED Light Engine SOLOdrive: SPFTR8/LE20/9035/ELD-S010UNV/WD Reflector: ADR8WH

## ORDERING INFORMATION

### Fixed Output Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options <sup>7</sup>
<input type="checkbox"/> <b>SPFTR8</b> SPECFIT Round New Construction 8"	<input type="checkbox"/> <b>LE05<sup>8</sup></b> 500 lumens	<input type="checkbox"/> <b>90</b> 90+CRI	<input type="checkbox"/> <b>27</b> 2700K	<input type="checkbox"/> <b>PSRUNV</b> Signify 0-10V Driver + Sensor Ready Bridge, 1% Dimming, 120-277V	<input type="checkbox"/> <b>SP<sup>11</sup></b> Spot 15° Beam Angle	<input type="checkbox"/> <b>SD347</b> 347V - 240V Step Down Transformer
	<input type="checkbox"/> <b>LE07</b> 700 lumens	<input type="checkbox"/> <b>97<sup>3</sup></b> 97 CRI 3000K True Chroma	<input type="checkbox"/> <b>30</b> 3000K	<input type="checkbox"/> <b>XT010UNV</b> Signify 0-10V Driver 1% Dimming, 120-277V	<input type="checkbox"/> <b>MD<sup>1</sup></b> Medium (Installed Standard) 60° Beam angle	<input type="checkbox"/> <b>EM<sup>4</sup></b> 10.7W Emergency Backup
	<input type="checkbox"/> <b>LE10</b> 1,000 lumens		<input type="checkbox"/> <b>35</b> 3500K	<input type="checkbox"/> <b>LUT-1UNV</b> Lutron EcoSystem 1% Dimming, 120-277V	<input type="checkbox"/> <b>VN</b> Very Narrow 25° Beam angle	<input type="checkbox"/> <b>EM<sup>4</sup>-CEC</b> California Title 20 Compliant 10.7W Emergency Backup
	<input type="checkbox"/> <b>LE15</b> 1,500 lumens		<input type="checkbox"/> <b>40</b> 4000K	<input type="checkbox"/> <b>LUT-5UNV</b> Lutron EcoSystem 5% Dimming, 120-277V	<input type="checkbox"/> <b>NR</b> Narrow 40° Beam angle	<input type="checkbox"/> <b>ES<sup>5</sup></b> Philips EasySense ceiling mount sensor
	<input type="checkbox"/> <b>LE20</b> 2,000 lumens		<input type="checkbox"/> <b>50</b> 5000K	<input type="checkbox"/> <b>LUT-L3DUNV</b> Lutron Hi-Lume 3-Wire 1% Dimming, 120-277V	<input type="checkbox"/> <b>WD</b> Wide 75° Beam angle	<input type="checkbox"/> <b>ENLS<sup>6</sup>-IL</b> Enlighted Two Wire <b>ENLIGHTED ONE</b> Compact Sensor
	<input type="checkbox"/> <b>LE25</b> 2,500 lumens			<input type="checkbox"/> <b>ELD-E010UNV</b> EldoLED ECOdrive 0-10V 1%, 120-277V		<input type="checkbox"/> <b>ENLS<sup>6</sup>-CL</b> Enlighted Two Wire <b>CONNECTED LIGHTING</b> Compact Sensor
	<input type="checkbox"/> <b>LE30</b> 3,000 lumens			<input type="checkbox"/> <b>ELD-EDALIUNV</b> EldoLED ECOdrive DALI 1%, 120-277V		<input type="checkbox"/> <b>ENLS<sup>6</sup>-IOT</b> Enlighted Two Wire <b>IOT</b> Compact Sensor
	<input type="checkbox"/> <b>LE40</b> 4,000 lumens			<input type="checkbox"/> <b>ELD-S010UNV</b> EldoLED SOLOdrive 0-10V 0.1%, 120-277V		<input type="checkbox"/> <b>OUT</b> Outdoor Debris Ingress Protection
	<input type="checkbox"/> <b>LE50<sup>9</sup></b> 5,000 lumens			<input type="checkbox"/> <b>ELD-SDALIUNV</b> EldoLED SOLOdrive DALI 0.1%, 120-277V		<input type="checkbox"/> <b>WET10<sup>10</sup></b> Field installable wet location gasketed ring

### Reflectors

Shape	Finish
<input type="checkbox"/> <b>ADR8</b> 8" Round Reflector	<input type="checkbox"/> <b>CC</b> Clear Diffuse Trim and Flange <input type="checkbox"/> <b>WH</b> Matte White Trim and Flange
	<input type="checkbox"/> <b>CW</b> Clear Diffuse Trim, White 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>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>5</sup> Philips EasySense ceiling mounted sensor is only available with the PSRUNV driver / <sup>6</sup> Enlighted Two Wire Compact Sensor with ceiling mount is only available with the PSRUNV driver. / <sup>7</sup> Options are factory installed and come with the Light Engine and Driver. / <sup>8</sup> LE05 is not available with LUT-5UNV / <sup>9</sup> LE50 is not available with LUT-5UNV and LUT-1UNV. / <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. / <sup>11</sup> SP optic is not available with LEL model.



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ACCESSORY ORDERING INFORMATION				
Product	Model	Description	Pictures	Dimensions
98079	ADWAW	Wall Wash (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		

10 YEAR EXTENDED WARRANTY	
Model	SPFTR8 / LE <sub>xx</sub> / 10YEARWARRANTY*
<p>*Where xx = Fixture Light Engine lumen output designation.            Example: 10 Year Warranty Part Number for SPFTR8/LEM or SPFTR8/LE20 Light engine is SPFTR8/LEM/10YEARWARRANTY and SPFTR8/LE20/10YEARWARRANTY respectively.</p>	



# SPECFIT 8" 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		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Output**	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW
Finish	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im 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		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Output**	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW
Finish	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im 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

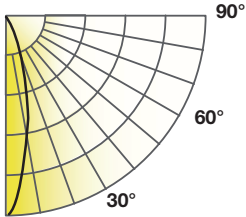
CCT	2700K			3000K			3500K			4000K			5000K		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Output**	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW
Finish	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im LPW	Im 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 8" NEW CONSTRUCTION

## PHOTOMETRY

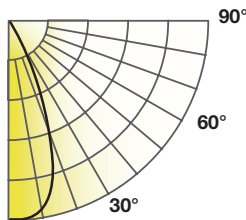
SPFTR8-LES9035-KDIM010-UNV-VN-ADR8CC



Lumens: 1,239 lm  
 Power: 12.49 W  
 Efficacy: 99.23 lm/W  
 CRI: 90+  
 Spacing Criteria: 0.42  
 Beam Angle: 25.7°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,617	4	276	1.8	0-30	1,135	92%
20	1,156	6	123	2.7	0-40	1,223	99%
30	322	8	69	3.6	0-60	1,238	100%
40	32	10	44	4.5	0-90	1,239	100%
50	3	12	31	5.5			
60	1						
70	0						
80	0						
90	0						

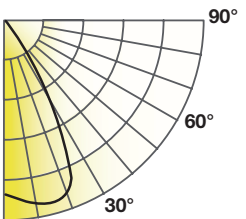
SPFTR8-LES9035-KDIM010-UNV-NR-ADR8CC



Lumens: 1,233 lm  
 Power: 12.2 W  
 Efficacy: 101 lm/W  
 CRI: 90+  
 Spacing Criteria: 0.6  
 Beam Angle: 44°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,250	4	140	3.1	0-30	1,103	89%
20	1,464	6	62	4.7	0-40	1,220	99%
30	472	8	35	6.2	0-60	1,232	100%
40	45	10	22	7.8	0-90	1,233	100%
50	3	12	16	9.3			
60	1						
70	0						
80	0						
90	0						

SPFTR8-LES9035-KDIM010-UNV-MD-ADR8CC



Lumens: 1,240 lm  
 Power: 12.4 W  
 Efficacy: 100 lm/W  
 CRI: 90+  
 Spacing Criteria: 0.9  
 Beam Angle: 63°

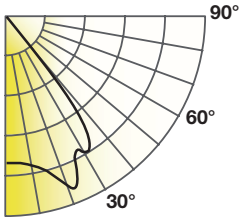
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,250	8	82	4.2	0-30	1,103	89%
20	1,464	10	36	6.3	0-40	1,220	99%
30	472	12	20	8.4	0-60	1,232	100%
40	45	15	13	10.4	0-90	1,240	100%
50	3	20	9	12.5			
60	1						
70	0						
80	0						
90	0						



# SPECFIT 8" NEW CONSTRUCTION

## PHOTOMETRY

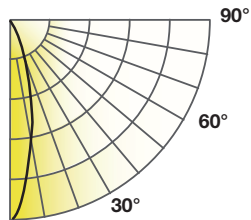
SPFTR8-LES9035-KDIM010-UNV-WD-ADR8CC



Lumens: 1,260 lm  
 Power: 12.3 W  
 Efficacy: 102 lm/W  
 CRI: 90+  
 Spacing Criteria: 1.2  
 Beam Angle: 63°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	759	4	59	6.0	0-30	681	54%
20	739	6	26	9.0	0-40	1,153	92%
30	936	8	15	12.1	0-60	1,257	100%
40	477	10	9	15.1	0-90	1,260	100%
50	10	12	7	18.1			
60	3						
70	1						
80	0						
90	0						

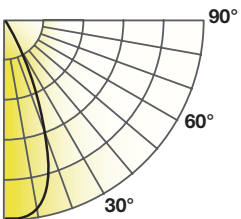
SPFTR8-LEM9035-KDIM010-UNV-VN-ADR8CC



Lumens: 2,566 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	601	1.7	0-30	2357	92%
20	2178	6	267	2.6	0-40	2533	99%
30	635	8	150	3.4	0-60	2562	100%
40	88	10	96	4.3	0-90	2566	100%
50	12	12	67	5.2			
60	4						
70	1						
80	0						
90	0						

SPFTR8-LEM9035-KDIM010-UNV-NR-ADR8CC



Lumens: 2,582 lm  
 Power: 30.9 W  
 Efficacy: 83 lm/W  
 CRI: 90+  
 Spacing Criteria: 0.665  
 Beam Angle: 42°

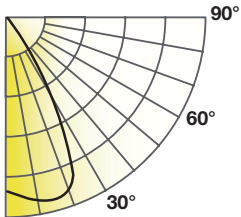
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	5,087	8	305	2.9	0-30	2,326	90%
20	2,558	10	136	4.3	0-40	2,554	99%
30	921	12	76	5.8	0-60	2,577	100%
40	86	15	49	7.2	0-90	2,582	100%
50	7	20	34	8.7			
60	2						
70	1						
80	0						
90	0						



# SPECFIT 8" NEW CONSTRUCTION

## PHOTOMETRY

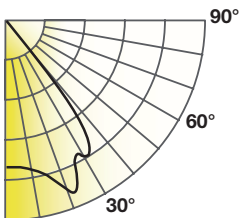
SPFTR8-LEM9035-KDIM010-UNV-MD-ADR8CC



Lumens: 2548 lm  
Power: 31.3 W  
Efficacy: 81 lm/W  
CRI: 90+  
Spacing Criteria: 0.9  
Beam Angle: 63°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,648	4	167	3.7	0-30	2,024	79%
20	2,601	6	74	5.5	0-40	2,487	98%
30	1,307	8	42	7.3	0-60	2,543	100%
40	343	10	27	9.1	0-90	2,548	100%
50	10	12	19	11.0			
60	3						
70	1						
80	0						
90	0						

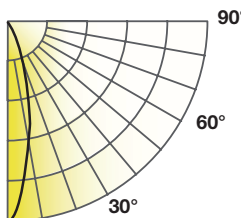
SPFTR8-LEM9035-KDIM010-UNV-WD-ADR8CC



Lumens: 2567 lm  
Power: 31.3 W  
Efficacy: 82 lm/W  
CRI: 90+  
Spacing Criteria: 1.2  
Beam Angle: 82°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	1,524	4	118	6.4	0-30	1,308	51%
20	1,416	6	53	9.7	0-40	2,312	90%
30	2,054	8	30	13.0	0-60	2,558	100%
40	1,056	10	19	16.2	0-90	2,567	100%
50	29	12	13	19.4			
60	9						
70	4						
80	1						
90	0						

SPFTR8-LEL9035-KDIM010-UNV-VN-ADR8CC



Lumens: 4767 lm  
Power: 60.8 W  
Efficacy: 78 lm/W  
CRI: 90+  
Spacing Criteria: 0.5  
Beam Angle: 32°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	793	4	175	4.6	0-30	4,068	85%
20	465	6	112	5.8	0-40	4,612	91%
30	238	8	78	6.9	0-60	5,038	99%
40	21	10	50	8.7	0-90	4,767	100%
50	3	12	28	11.5			
60	1						
70	0						
80	0						
90	0						

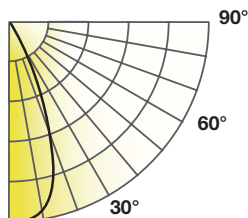




# SPECFIT 8" NEW CONSTRUCTION

## PHOTOMETRY

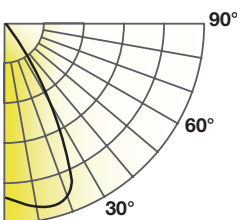
SPFTR8-LEL9035-KDIM010-UNV-NR-ADR8CC



Lumens: 4885 lm  
 Power: 60.4 W  
 Efficacy: 81 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	7,456	8	145	6.4	0-30	4,068	85%
20	5,085	10	93	8.0	0-40	4,666	98%
30	2,031	12	64	9.6	0-60	4,751	100%
40	202	15	41	12.0	0-90	4,885	100%
50	19	20	23	15.9			
60	7						
70	3						
80	1						
90	0						

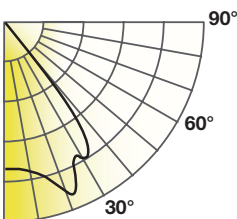
SPFTR8-LEL9035-KDIM010-UNV-MD-ADR8CC



Lumens: 5041 lm  
 Power: 60.4 W  
 Efficacy: 83 lm/W  
 CRI: 90+  
 Spacing Criteria: 0.8  
 Beam Angle: 52°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	6,036	4	109	7.7	0-30	3,698	73%
20	4,389	6	70	9.6	0-40	4,897	97%
30	3,080	8	48	11.5	0-60	5,028	100%
40	891	10	31	14.4	0-90	5,041	100%
50	23	12	17	19.2			
60	8						
70	3						
80	1						
90	0						

SPFTR8-LEL9035-KDIM010-UNV-WD-ADR8CC



Lumens: 5064 lm  
 Power: 60.8 W  
 Efficacy: 83 lm/W  
 CRI: 90+  
 Spacing Criteria: 1.1  
 Beam Angle: 72°

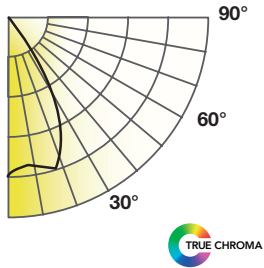
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	3,951	8	69	11.7	0-30	3,151	62%
20	3,789	10	44	14.6	0-40	4,680	92%
30	3,288	12	31	17.5	0-60	5,042	100%
40	1,604	15	20	21.9	0-90	5,064	100%
50	55	20	11	29.2			
60	18						
70	8						
80	3						
90	0						



# SPECFIT 8" NEW CONSTRUCTION

## PHOTOMETRY

SPFTR8-LES9730-KDIM010-UNV-MD-ADR8CC



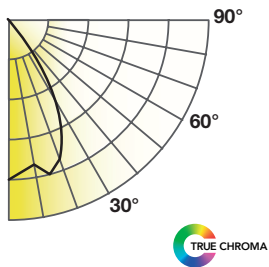
Lumens: 1,048 lm  
 Power: 13 W  
 Efficacy: 84 lm/W  
 CRI: 96  
 Spacing Criteria: 1.02  
 Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	977
20	972
30	615
40	190
50	3
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	91	5.1
6	40	7.6
8	23	10.2
10	15	12.7
12	10	15.3

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	744	71%
0-40	1,001	96%
0-60	1,047	100%
0-90	1,048	100%

SPFTR8-LEM9730-KDIM010-UNV-MD-ADR8CC



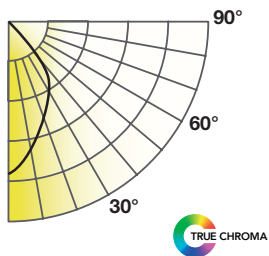
Lumens: 2,211 lm  
 Power: 33 W  
 Efficacy: 68 lm/W  
 CRI: 96  
 Spacing Criteria: 1.02  
 Beam Angle: 65°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,032
20	2,035
30	1,287
40	375
50	7
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	189	5.1
6	84	7.7
8	47	10.3
10	30	12.8
12	21	15.4

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,568	71%
0-40	2,113	96%
0-60	2,209	100%
0-90	2,211	100%

SPFTR8-LEL9035-KDIM010-UNV-WD-ADR8CC



Lumens: 4,207 lm  
 Power: 60 W  
 Efficacy: 71 lm/W  
 CRI: 96  
 Spacing Criteria: 0.75  
 Beam Angle: 54°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,536
20	3,392
30	2,396
40	903
50	7
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
8	47	8.1
10	30	10.1
12	21	12.1
15	13	15.2
20	8	20.2

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,901	69%
0-40	4,005	95%
0-60	4,207	100%
0-90	4,207	100%