

Project Name:	Type:
Part Number:	Date:



GREENCREATIVE

SPECFIT 9.5" 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. 5 year parts warranty for complete fixture.



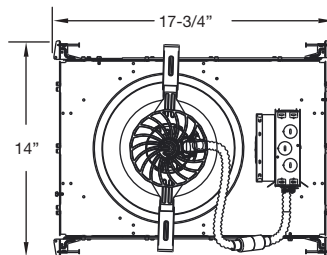
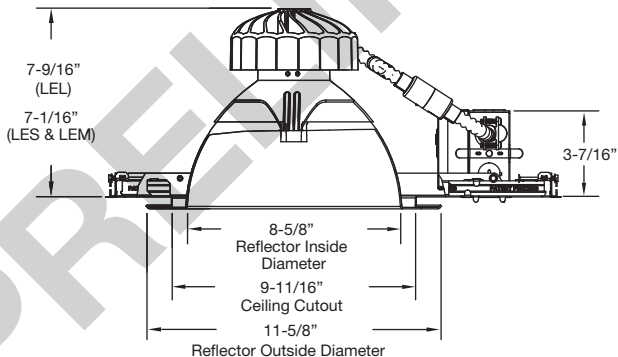
BENEFITS

- 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

APPLICATIONS

- Commercial Office
- Hospitality
- Retail
- Educational
- Healthcare

DIMENSIONS



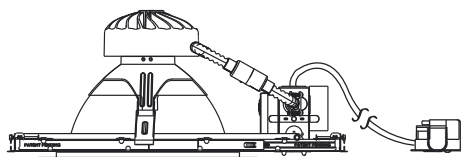


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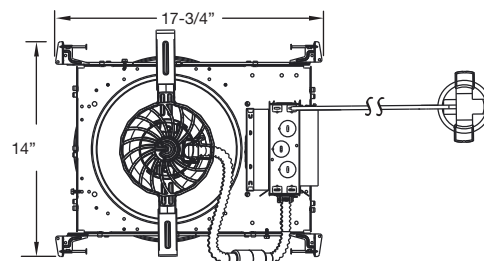
SPECFIT 9.5" NEW CONSTRUCTION

DIMENSIONS

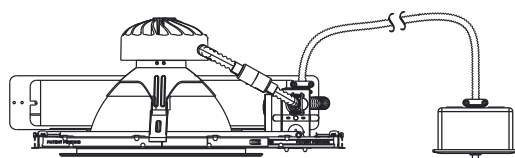
with / Sensor



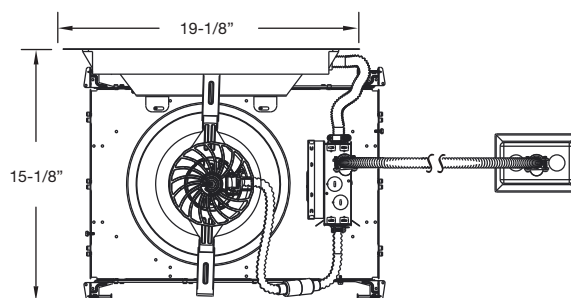
Philips EasySense sensor shown.
Enlighted compact sensor also available.



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: SPFTR9.5/LEL9035/KDIM010UNV/MD/OUT/EM
Reflector: ADR9.5CC

SelectDrive Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
☐ SPFTR9.5 SPECFIT Round New Construction 9.5"	☐ LES Small Light Engine 500-700-1000 lumens	☐ 90 90+ CRI	☐ 27 2700K	☐ KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse Phase dimming	☐ MD¹ Medium (Installed Standard) 60° Beam angle	☐ SD347 347V - 240V Step Down Transformer
	☐ LEM Medium Light Engine 1500-2000-2500 lumens	☐ 97³ 97 CRI 3000K True Chroma	☐ 30 3000K	☐ KDIM010UNV² SelectDrive 120-277V, 50/60Hz 0-10V dimming	☐ VN Very Narrow 25° Beam angle	☐ EM⁴ 10W Pre-installed Emergency Backup
	☐ LEL Large Light Engine 3000-4000-5000 lumens		☐ 35 3500K		☐ NR Narrow 40° Beam angle	☐ EM⁴-CEC 10W Pre-installed Emergency Backup California Compliant
			☐ 40 4000K		☐ WD Wide 75° Beam angle	☐ OUT Outdoor Debris Ingress Protection
			☐ 50 5000K			

Reflectors

Shape	Finish
☐ ADR9.5 9.5" Round Reflector	☐ CC Clear Diffuse Trim and Flange ☐ WH Matte White Trim and Flange
	☐ CW Clear Diffuse Trim, White Flange

¹ Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation. / ² Dims to 5% with low end cutoff. Dimmer compatibility available on website. / 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 / ⁷ Options are factory installed and come with the Light Engine and Driver.



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SPECFIT 9.5" NEW CONSTRUCTION

ORDERING EXAMPLE

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

Philips Light Engine W/ Enlighted Micro Sensor: SPFTR9.5/LE25/9040/PSRUNV/VN/ENLS-IOT Reflector: ADR9.5CC	Lutron EcoSystem Light Engine: SPFTR9.5/LE15/9027/LUT-5UNV/NR Reflector: ADR9.5BL
Philips Light Engine W/ EasySense Sensor: SPFTR9.5/LE50/9030/PSRUNV/VN/ES Reflector: ADR9.5CW	EldoLED Light Engine SOLOdrive: SPFTR9.5/LE20/9035/ELD-S010UNV/WD Reflector: ADR9.5WH

ORDERING INFORMATION

Fixed Output Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
☐ SPFTR9.5 SPECFIT Round New Construction 9.5"	☐ LE05⁸ 500 lumens	☐ 90 90+CRI	☐ 27 2700K	☐ PSRUNV 0-10V Driver + SR Ready Bridge, 120-277V	☐ MD¹ Medium (Installed Standard) 60° Beam angle	☐ SD347 347V - 240V Step Down Transformer
	☐ LE07 700 lumens	☐ 97³ 97 CRI 3000K True Chroma	☐ 30 3000K	☐ LUT-1UNV Lutron EcoSystem 1% Dimming, 120-277V	☐ VN Very Narrow 25° Beam angle	☐ EM⁴ 10.7W Emergency Backup
	☐ LE10 1,000 lumens		☐ 35 3500K	☐ LUT-5UNV Lutron EcoSystem 5% Dimming, 120-277V	☐ NR Narrow 40° Beam angle	☐ EM⁴ -CEC California Title 20 Compliant 10.7W Emergency Backup
	☐ LE15 1,500 lumens		☐ 40 4000K	☐ LUT-L3DUNV Lutron Hi-lume 3-Wire 1% Dimming, 120-277V	☐ WD Wide 75° Beam angle	☐ ES⁵ Philips EasySense ceiling mount sensor
	☐ LE20 2,000 lumens		☐ 50 5000K	☐ ELD-E010UNV EldoLED ECOdrive 0-10V 1%, 120-277V		☐ ENLS⁶-IL Enlighted Two Wire ENLIGHTED ONE Compact Sensor
	☐ LE25 2,500 lumens			☐ ELD-EDALIUNV EldoLED ECOdrive DALI 1%, 120-277V		☐ ENLS⁶-CL Enlighted Two Wire CONNECTED LIGHTING Compact Sensor
	☐ LE30 3,000 lumens			☐ ELD-S010UNV EldoLED SOLOdrive 0-10V 0.1%, 120-277V		☐ ENLS⁶-IOT Enlighted Two Wire IOT Compact Sensor
	☐ LE40 4,000 lumens			☐ ELD-SDALIUNV EldoLED SOLOdrive DALI 0.1%, 120-277V		☐ OUT Outdoor Debris Ingress Protection
	☐ LE50⁹ 5,000 lumens					

Reflectors

Shape	Finish
☐ ADR9.5 9.5" Round Reflector	☐ CC Clear Diffuse Trim and Flange ☐ WH Matte White Trim and Flange
	☐ CW Clear Diffuse Trim, White Flange

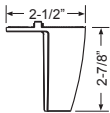
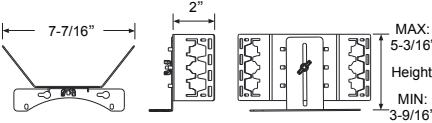
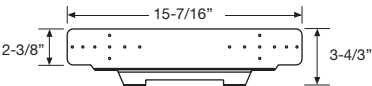
¹ Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation / ³ CRI97 TRUE CHROMA is only available in 3000K only. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine. / 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 LE05 is not available with LUT-5UNV / ⁹ LE50 is not available with LUT-5UNV and LUT-1UNV.



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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		



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TECHNICAL INFORMATION

Light Engine	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
LESXXXX	120 / 277V	50 / 60Hz	0.115 / 0.047A	13W	<20%	>0.9
LEMXXXX	120 / 277V	50 / 60Hz	0.270 / 0.114A	31.5W	<20%	>0.9
LELXXXX	120 / 277V	50 / 60Hz	0.530 / 0.217A	60W	<20%	>0.9
LE05XXXX	120 / 277V	50 / 60Hz	0.056 / 0.024A	6.5W	<20%	>0.9
LE07XXXX	120 / 277V	50 / 60Hz	0.073 / 0.034A	8.5W	<20%	>0.9
LE10XXXX	120 / 277V	50 / 60Hz	0.112 / 0.047A	13W	<20%	>0.9
LE15XXXX	120 / 277V	50 / 60Hz	0.154 / 0.068A	18W	<20%	>0.9
LE20XXXX	120 / 277V	50 / 60Hz	0.218 / 0.092A	25.5W	<20%	>0.9
LE25XXXX	120 / 277V	50 / 60Hz	0.269 / 0.116A	31.5W	<20%	>0.9
LE30XXXX	120 / 277V	50 / 60Hz	0.318 / 0.133A	37.5W	<20%	>0.9
LE40XXXX	120 / 277V	50 / 60Hz	0.411 / 0.165A	48.5W	<20%	>0.9
LE50XXXX	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	1000 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

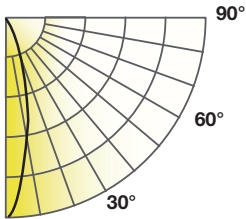
CCT	2700K			3000K			3500K			4000K			5000K		
Output**	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
Finish	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW	lm LPW
Clear Diffuse	3,325 89	4,085 84	4,750 79	3,360 90	4,080 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 9.5" NEW CONSTRUCTION

PHOTOMETRY

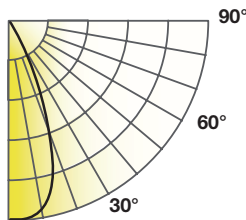
SPFTR9.5-LEM9035-KDIM010-UNV-VN-ADR9.5CC



Lumens: 2,575 lm
Power: 31.0 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 0.4
Beam Angle: 24°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,193	4	607	1.7	0-30	2,231	91%
20	689	6	270	2.6	0-40	2,418	99%
30	79	8	152	3.4	0-60	2,448	100%
40	6	10	97	4.3	0-90	2,452	100%
50	2	12	67	5.1			
60	1						
70	0						
80	0						
90	0						

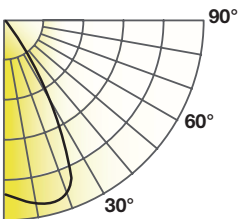
SPFTR9.5-LEM9035-KDIM010-UNV-NR-ADR9.5CC



Lumens: 2,584 lm
Power: 31.4 W
Efficacy: 82 lm/W
CRI: 90+
Spacing Criteria: 0.7
Beam Angle: 42°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	4,949	4	300	2.7	0-30	2,307	89%
20	2,507	6	134	4.0	0-40	2,555	99%
30	909	8	75	5.4	0-60	2,579	100%
40	86	10	48	6.7	0-90	2,584	100%
50	6	12	33	8.1			
60	2						
70	1						
80	0						
90	0						

SPFTR9.5-LEM9035-KDIM010-UNV-MD-ADR9.5CC



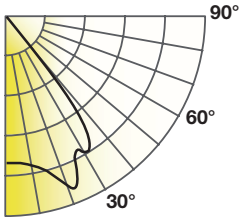
Lumens: 2,530 lm
Power: 31 W
Efficacy: 81.6 lm/W
CRI: 90+
Spacing Criteria: 0.9
Beam Angle: 61°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,662	8	167	3.6	0-30	2,018	80%
20	2,602	10	74	5.5	0-40	2,470	98%
30	1,244	12	42	7.3	0-60	2,525	100%
40	326	15	27	9.1	0-90	2,530	100%
50	9	20	19	11.0			
60	3						
70	1						
80	0						
90	0						

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PHOTOMETRY

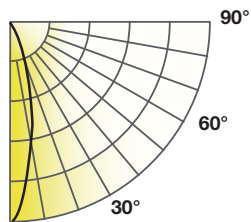
SPFTR9.5-LEM9035-KDIM010-UNV-WD-ADR9.5CC



Lumens: 2,592 lm
Power: 31.4 W
Efficacy: 83lm/W
CRI: 90+
Spacing Criteria: 1.2
Beam Angle: 81°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	1,510	4	121	6.0	0-30	1,290	50%
20	1,368	6	54	9.0	0-40	2,313	89%
30	1,994	8	30	12.1	0-60	2,582	100%
40	1,061	10	19	15.1	0-90	2,592	100%
50	27	12	13	18.1			
60	9						
70	4						
80	1						
90	0						

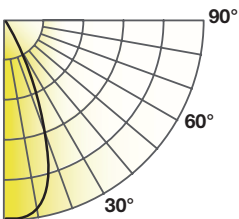
SPFTR9.5-LEL9035-KDIM010-UNV-VN-ADR9.5CC



Lumens: 4,806 lm
Power: 60.7 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 0.5
Beam Angle: 31°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	781	4	175	4.5	0-30	3,978	83%
20	453	6	112	5.6	0-40	4,701	98%
30	236	8	78	6.7	0-60	4,790	100%
40	25	10	50	8.4	0-90	4,806	100%
50	3	12	28	11.2			
60	1						
70	1						
80	0						
90	0						

SPFTR9.5-LEL9035-KDIM010-UNV-NR-ADR9.5CC



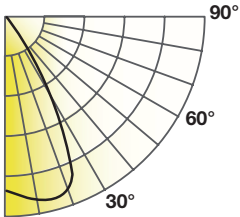
Lumens: 4,889 lm
Power: 60.4 W
Efficacy: 81 lm/W
CRI: 90+
Spacing Criteria: 0.6
Beam Angle: 43°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	7,797	8	146	6.2	0-30	3,978	83%
20	5,436	10	93	7.8	0-40	4,701	98%
30	2,401	12	65	9.4	0-60	4,790	100%
40	467	15	41	11.7	0-90	4,889	100%
50	22	20	23	15.6			
60	8						
70	3						
80	1						
90	0						

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PHOTOMETRY

SPFTR9.5-LEL9035-KDIM010-UNV-MD-ADR9.5CC



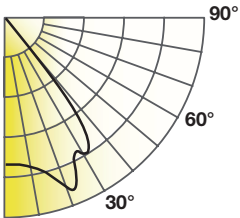
Lumens: 5,090 lm
Power: 61.2 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 0.7
Beam Angle: 51°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,884
20	4,239
30	2,966
40	723
50	22
60	8
70	3
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	111	7.5
6	71	9.4
8	49	11.2
10	32	14.1
12	18	18.7

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,680	72%
0-40	4,920	97%
0-60	5,077	100%
0-90	5,090	100%

SPFTR9.5-LEL9035-KDIM010-UNV-WD-ADR9.5CC



Lumens: 5,103 lm
Power: 61.3 W
Efficacy: 83 lm/W
CRI: 90+
Spacing Criteria: 1.1
Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	3,929
20	3,712
30	3,213
40	1,668
50	51
60	18
70	8
80	3
90	0

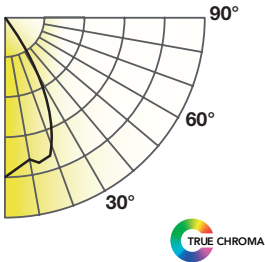
Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	71	12.0
6	46	15.0
8	32	18.0
10	20	22.5
12	11	30.0

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,096	61%
0-40	4,668	92%
0-60	5,081	100%
0-90	5,103	100%

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PHOTOMETRY

SPFTR9.5-LEM9730-KDIM010-UNV-MD-ADR9.5CC



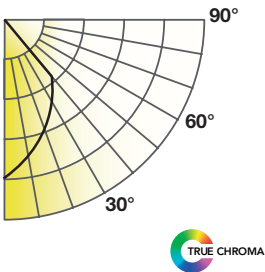
Lumens: 2,212 lm
 Power: 33 W
 Efficacy: 68 lm/W
 CRI: 96
 Spacing Criteria: 0.97
 Beam Angle: 63°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,030
20	986
30	1,274
40	422
50	4
60	1
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	189	4.9
6	84	7.4
8	47	9.8
10	30	12.3
12	21	14.7

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,542	70%
0-40	2,089	94%
0-60	2,211	100%
0-90	2,212	100%

SPFTR9.5-LEL9730-KDIM010-UNV-MD-ADR9.5CC



Lumens: 4,224 lm
 Power: 60 W
 Efficacy: 70 lm/W
 CRI: 96
 Spacing Criteria: 0.69
 Beam Angle: 48°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,512
20	1,844
30	2,365
40	1,005
50	7
60	0
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	419	3.6
6	186	5.4
8	105	7.2
10	67	8.9
12	47	10.7

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,852	68%
0-40	3,976	94%
0-60	4,224	100%
0-90	4,224	100%