

Project Name:	Type:
Part Number:	Date:



GREENCREATIVE

SPECFIT 4" 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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BENEFITS

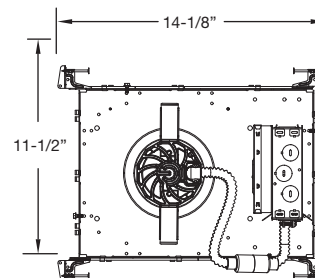
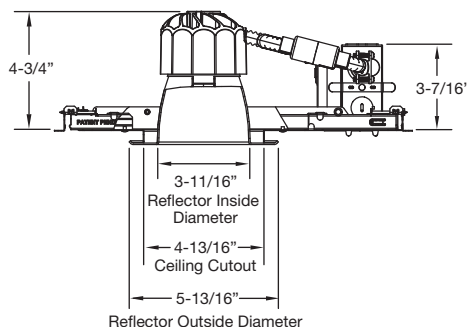
- Get the right amount of light with SelectDrive technology
- Fits standard 2x2 & 2x4 T-Grids and up to 24" wood joist spacing
- Multiple reflector finish options facilitate any décor
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options
- Exceptional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

APPLICATIONS

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

*Applicable with OUT Outdoor Debris Ingress Protection option.

DIMENSIONS

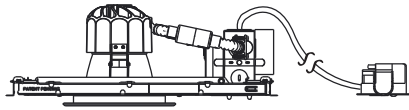




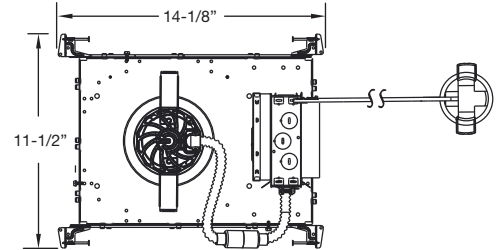
SPECFIT 4" NEW CONSTRUCTION

DIMENSIONS

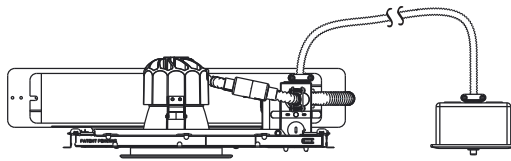
with / Sensor



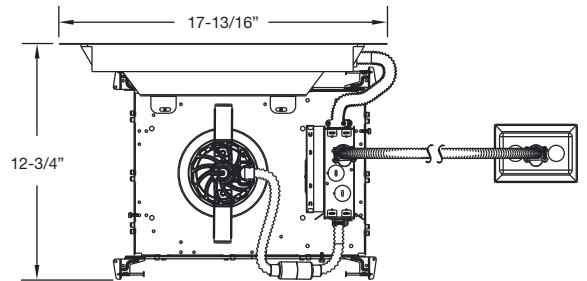
Philips EasySense sensor shown.
Enlighted compact sensor also available.



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: SPFTR4LEM9035KDIM010UNVMDOUT/EM

Reflector: ADR4CC

SelectDrive Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
<input type="checkbox"/> SPFTR4 SPECFIT Round New Construction 4"	<input type="checkbox"/> LES Small Light Engine 500-700-1000 lumens	<input type="checkbox"/> 90 90+ CRI	<input type="checkbox"/> 27 2700K	<input type="checkbox"/> KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse Phase dimming	<input type="checkbox"/> MD¹ Medium (Installed Standard) 60° Beam angle	<input type="checkbox"/> SD347 347V - 240V Step Down Transformer
	<input type="checkbox"/> LEM Medium Light Engine 1500-2000-2500 lumens	<input type="checkbox"/> 97³ 97 CRI 3000K True Chroma	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> KDIM010UNV² SelectDrive 120-277V, 50/60Hz 0-10V dimming	<input type="checkbox"/> VN Very Narrow 25° Beam angle	<input type="checkbox"/> EM⁴ 10W Pre-installed Emergency Backup
			<input type="checkbox"/> 35 3500K		<input type="checkbox"/> NR Narrow 40° Beam angle	<input type="checkbox"/> EM⁴-CEC 10W Pre-installed Emergency Backup California Compliant
			<input type="checkbox"/> 40 4000K		<input type="checkbox"/> WD Wide 75° Beam angle	<input type="checkbox"/> OUT Outdoor Debris Ingress Protection
			<input type="checkbox"/> 50 5000K			<input type="checkbox"/> WET⁸ Field installable wet location gasketed ring

Reflectors

Shape	Finish			BAA Option
<input type="checkbox"/> ADR4 4" Round Reflector	<input type="checkbox"/> CC Clear Diffuse Trim and Flange	<input type="checkbox"/> WH Matte White Trim and Flange	<input type="checkbox"/> CW Clear Diffuse Trim, White Flange	<input type="checkbox"/> BAA¹⁰ Buy American Act Compliant
	<input type="checkbox"/> BL Matte Black Trim and Flange	<input type="checkbox"/> CZ⁹ Customized Trim and 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. 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. / 8 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. / 9 Please contact factory for customized finish color or customized reflectors for feasibility and lead times. / 10 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 4" NEW CONSTRUCTION

ORDERING EXAMPLE

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

Philips Light Engine W/ Enlighted Micro Sensor: SPFTR4LE259040PSRUNVNENLS-IOT Reflector: ADR4CC	Lutron EcoSystem Light Engine: Reflector: ADR4BL	SPFTR4LE159027LUT5UNVNR ADR4BL
Philips Light Engine W/ EasySense Sensor: SPFTR4LE259030PSRUNWNES Reflector: ADR4CW	EldoLED Light Engine SOLOdrive: Reflector: ADR4WH	SPFTR4LE209035ELD-S010UNVWD ADR4WH

ORDERING INFORMATION

Fixed Output Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
<input type="checkbox"/> SPFTR4 SPECFIT Round New Construction 4"	<input type="checkbox"/> LE05 500 lumens	<input type="checkbox"/> 90 90+CRI	<input type="checkbox"/> 27 2700K	<input type="checkbox"/> PSRUNV Signify 0-10V Driver + Sensor Ready Bridge, 1% Dimming, 120-277V	<input type="checkbox"/> MD¹ Medium (Installed Standard) 60° Beam angle	<input type="checkbox"/> SD347 347V - 240V Step Down Transformer
	<input type="checkbox"/> LE07 700 lumens	<input type="checkbox"/> 97³ 97 CRI 3000K True Chroma	<input type="checkbox"/> 30 3000K	<input type="checkbox"/> XT010UNV Signify 0-10V Driver 1% Dimming, 120-277V	<input type="checkbox"/> VN Very Narrow 25° Beam angle	<input type="checkbox"/> EM⁴ 10.7W Emergency Backup
	<input type="checkbox"/> LE10 1,000 lumens		<input type="checkbox"/> 35 3500K	<input type="checkbox"/> LUT-1UNV Lutron EcoSystem 1% Dimming, 120-277V	<input type="checkbox"/> NR Narrow 40° Beam angle	<input type="checkbox"/> EM⁴ -CEC California Title 20 Compliant 10.7W Emergency Backup
	<input type="checkbox"/> LE15 1,500 lumens		<input type="checkbox"/> 40 4000K	<input type="checkbox"/> LUT-L3DUNV Lutron Hi-Lume 3-Wire 1% Dimming, 120-277V	<input type="checkbox"/> WD Wide 75° Beam angle	<input type="checkbox"/> ES⁵ Philips EasySense ceiling mount sensor
	<input type="checkbox"/> LE20 2,000 lumens		<input type="checkbox"/> 50 5000K	<input type="checkbox"/> ELD-E010UNV EldoLED ECOdrive 0-10V 1%, 120-277V		<input type="checkbox"/> ENLS⁶-IL Enlighted Two Wire ENLIGHTED ONE Compact Sensor
	<input type="checkbox"/> LE25 2,500 lumens			<input type="checkbox"/> ELD-EDALIUNV EldoLED ECOdrive DALI 1%, 120-277V		<input type="checkbox"/> ENLS⁶-CL Enlighted Two Wire CONNECTED LIGHTING Compact Sensor
				<input type="checkbox"/> ELD-S010UNV EldoLED SOLOdrive 0-10V 0.1%, 120-277V		<input type="checkbox"/> ENLS⁶-IOT Enlighted Two Wire IOT Compact Sensor
				<input type="checkbox"/> ELD-SDALIUNV EldoLED SOLOdrive DALI 0.1%, 120-277V		<input type="checkbox"/> OUT Outdoor Debris Ingress Protection
						<input type="checkbox"/> WET⁹ Field installable wet location gasketed ring

Reflectors

Shape	Finish			BAA Option
<input type="checkbox"/> ADR4 4" Round Reflector	<input type="checkbox"/> CC Clear Diffuse Trim and Flange	<input type="checkbox"/> WH Matte White Trim and Flange	<input type="checkbox"/> CW Clear Diffuse Trim, White Flange	<input type="checkbox"/> BAA¹⁰ Buy American Act Compliant
	<input type="checkbox"/> BL Matte Black Trim and Flange	<input type="checkbox"/> CZ⁹ Customized Trim and 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 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. / ⁹ Please contact factory for customized finish color or customized reflectors for feasibility and lead times. / ¹⁰ 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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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	SPFTR4 / LE _{xx} / 10YEARWARRANTY*
<p>*Where xx = Fixture Light Engine lumen output designation. Example: 10 Year Warranty Part Number for SPFTR4/LEM or SPFTR4/LE20 Light engine is SPFTR4/LEM/10YEARWARRANTY and SPFTR4/LE20/10YEARWARRANTY respectively.</p>	



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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
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

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**	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
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

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

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**	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
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

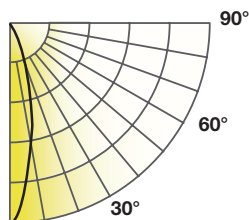
** Lumen output are based on rated lumens, for exact value please refer to the IES files



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PHOTOMETRY

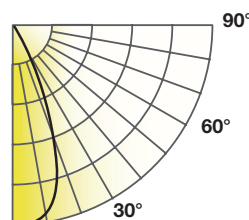
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Lumens: 1,191 lm
 Power: 13 W
 Efficacy: 95 lm/W
 CRI: 90+
 Spacing Criteria: 0.44
 Beam Angle: 27°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,609	4	269	1.9	0-30	1,051	88%
20	1,031	6	120	2.9	0-40	1,128	95%
30	179	8	67	3.8	0-60	1,185	100%
40	90	10	43	4.8	0-90	1,191	100%
50	27	12	30	5.7			
60	6						
70	2						
80	0						
90	0						

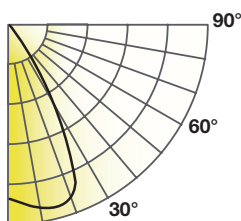
SPFTR4-LES9035-KDIM010-UNV-NR-ADR4CC



Lumens: 1,215 lm
 Power: 12.3 W
 Efficacy: 98 lm/W
 CRI: 90+
 Spacing Criteria: 0.67
 Beam Angle: 46°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,153	4	129	3.0	0-30	1,068	88%
20	1,477	6	57	4.5	0-40	1,167	96%
30	339	8	32	6.0	0-60	1,210	100%
40	72	10	21	7.6	0-90	1,215	100%
50	20	12	14	9.1			
60	5						
70	1						
80	0						
90	0						

SPFTR4-LES9035-KDIM010-UNV-MD-ADR4CC



Lumens: 1,226 lm
 Power: 12.3 W
 Efficacy: 99 lm/W
 CRI: 90+
 Spacing Criteria: 1.0
 Beam Angle: 69°

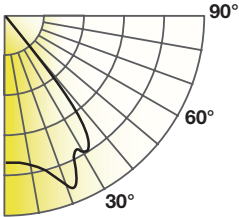
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	1,153	4	74	4.2	0-30	906	74%
20	1,238	6	33	6.4	0-40	1,160	95%
30	704	8	18	8.5	0-60	1,221	100%
40	137	10	12	10.6	0-90	1,226	100%
50	26	12	8	12.8			
60	6						
70	2						
80	0						
90	0						



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PHOTOMETRY

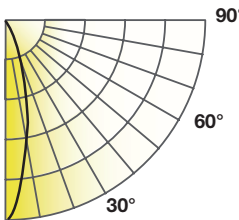
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Lumens: 1,218 lm
 Power: 12.5 W
 Efficacy: 98 lm/W
 CRI: 90+
 Spacing Criteria: 1.2
 Beam Angle: 82°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	654	4	43	6.4	0-30	628	52%
20	771	6	19	9.7	0-40	1,068	88%
30	746	8	11	12.9	0-60	1,206	99%
40	438	10	7	16.1	0-90	1,218	100%
50	54	12	5	19.4			
60	13						
70	4						
80	1						
90	0						

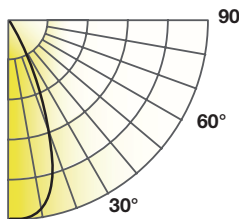
SPFTR4-LEM9035-KDIM010-UNV-VN-ADR4CC



Lumens: 2,468 lm
 Power: 31.0 W
 Efficacy: 80 lm/W
 CRI: 90+
 Spacing Criteria: 0.42
 Beam Angle: 25°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	5,647	4	585	1.8	0-30	2,181	88%
20	2,065	6	217	2.9	0-40	2,337	95%
30	381	8	97	4.3	0-60	2,454	98%
40	201	10	54	5.8	0-90	2,468	100%
50	60	12	35	7.2			
60	14						
70	4						
80	1						
90	0						

SPFTR4-LEM9035-KDIM010-UNV-NR-ADR4CC



Lumens: 2,508 lm
 Power: 31.0 W
 Efficacy: 81 lm/W
 CRI: 90+
 Spacing Criteria: 0.72
 Beam Angle: 49°

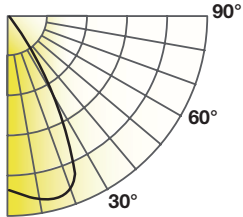
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	4,582	4	276	2.6	0-30	2,231	89%
20	2,831	6	121	3.9	0-40	2,412	96%
30	650	8	68	5.2	0-60	2,498	100%
40	151	10	44	6.5	0-90	2,508	100%
50	45	12	30	7.9			
60	10						
70	3						
80	1						
90	0						



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PHOTOMETRY

SPFTR4-LEM9035-KDIM010-UNV-MD-ADR4CC



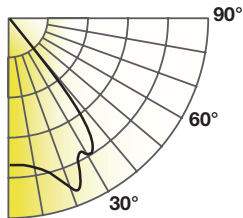
Lumens: 2517 lm
Power: 30.95 W
Efficacy: 81.17 lm/W
CRI: 90+
Spacing Criteria: 1.0
Beam Angle: 71°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2203
20	2885
30	1436
40	275
50	47
60	11
70	3
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	161	4.2
6	72	6.4
8	40	8.5
10	26	10.6
12	18	12.8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1852	74%
0-40	2389	95%
0-60	2506	100%
0-90	2517	100%

SPFTR4-LEM9035-KDIM010-UNV-WD-ADR4CC



Lumens: 2471 lm
Power: 31.5 W
Efficacy: 78 lm/W
CRI: 90+
Spacing Criteria: 1.225
Beam Angle: 83°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1317
20	1494
30	1591
40	1040
50	134
60	34
70	11
80	3
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	81	6.4
6	30	9.7
8	13	12.9
10	8	16.1
12	5	19.4

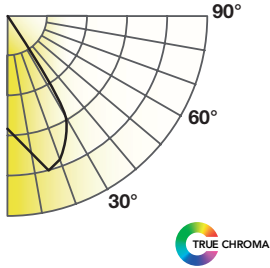
Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1216	49%
0-40	2157	29%
0-60	2445	99%
0-90	2471	100%



SPECFIT 4" NEW CONSTRUCTION

PHOTOMETRY

SPFTR4-LES9730-KDIM010-UNV-MD-ADR4CC



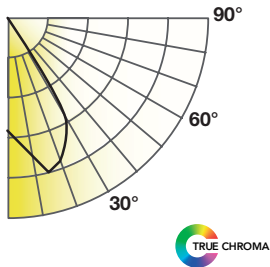
Lumens: 1032 lm
 CBCP: 1067 cd
 Power: 13 W
 Efficacy: 83 lm/W
 CRI: 96
 Spacing Criteria: 1.14
 Beam Angle: 63.5°

Candlepower Distribution	
Angle (°)	Average (cd)
10	870
20	987
30	594
40	185
50	18
60	1
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	81	5.0
6	36	7.4
8	20	9.9
10	13	12.4
12	9	14.9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	724	70%
0-40	971	94%
0-60	1030	100%
0-90	1032	100%

SPFTR4-LEM9730-KDIM010-UNV-MD-ADR4CC



Lumens: 2165 lm
 CBCP: 2236 cd
 Power: 33 W
 Efficacy: 66 lm/W
 CRI: 96
 Spacing Criteria: 1.14
 Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,822
20	2,061
30	1,242
40	399
50	38
60	8
70	3
80	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	169	5.0
6	75	7.4
8	42	9.9
10	27	12.4
12	19	14.9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1518	70%
0-40	2036	94%
0-60	2159	100%
0-90	2165	100%