

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. The reflector opening allows a $\pm 5^\circ$ adjustability for perfect ceiling alignment.
- **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 Signify Xitanium 1% dimming driver as well as 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** - Injection molded polycarbonate reflector, with post plating and painting treatment. 42° optical cutoff. Field interchangeable optical lenses. Four beam distributions. 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.



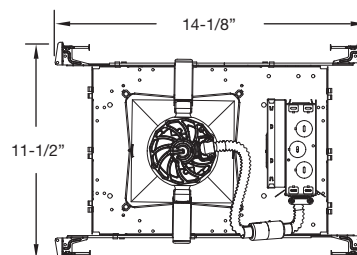
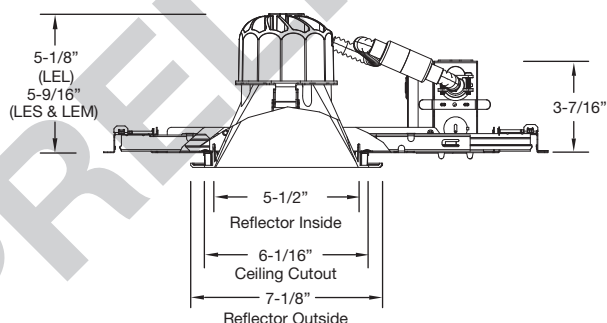
APPLICATIONS

- Commercial Office
- Hospitality
- Retail
- Educational
- Healthcare

BENEFITS

- Get the right amount of light with SelectDrive technology
- 42° optical cutoff reduces glare and make the space more comfortable
- Reflectors can be easily adjusted $\pm 5^\circ$ from below the ceiling
- Field interchangeable optics ensure smooth light levels
- Large variety of dimming and sensor control options

DIMENSIONS

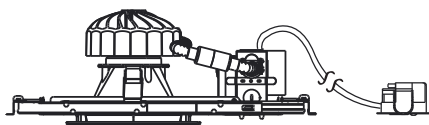




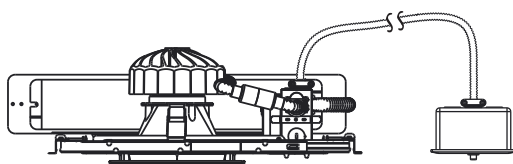
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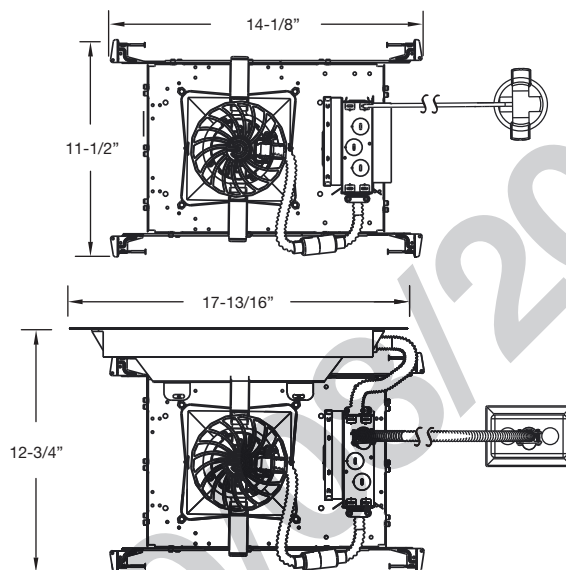
DIMENSIONS

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: SPF6S6/LEL9035/KDIM010UNV/MD/OUT/EM
Reflector: ADS6CC

SelectDrive Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
☐ SPF6S6 SPECFIT Specfit New Construction 6"	☐ LES Small Light Engine 500-700-1000 lumens	☐ 90 90+ CRI	☐ 27 2700K	☐ KDIM120V SelectDrive 120V, 50/60Hz Forward/Reverse Phase 10% 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 10% 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
☐ ADS6 6" Square Reflector	☐ CC Clear Diffuse Trim and Flange ☐ WH Matte White 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.

SPECFIT 6" NEW CONSTRUCTION

ORDERING EXAMPLE

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

Philips Light Engine W/ Enlighted Micro Sensor: SPFTS6/LE25/9040/PSRUNV/VN/ENLS-IOT Reflector: ADS6CC	Lutron EcoSystem Light Engine: SPFTS6/LE15/9027/LUT-5UNV/NR Reflector: ADS6BL
Philips Light Engine W/ EasySense Sensor: SPFTS6/LE50/9030/PSRUNV/VN/ES Reflector: ADS6CW	EldoLED Light Engine SOLOdrive: SPFTS6/LE20/9035/ELD-S010UNV/WD Reflector: ADS6WH

ORDERING INFORMATION

Fixed Output Light Engines

Frame Housing	Light Engine	CRI	CCT	Driver	Optical Distribution	Options ⁷
☐ SPFTS6 SPECFIT Specfit New Construction 6"	☐ LE05⁸ 500 lumens	☐ 90 90+CRI	☐ 27 2700K	☐ PSRUNV Signify 0-10V Driver + Sensor Ready Bridge, 1% Dimming, 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			☐ XT010UNV Signify 0-10V Driver 1% Dimming, 120-277V		

Reflectors

Shape	Finish
☐ ADS6 6" Specfit Reflector	☐ CC Clear Diffuse Trim and Flange ☐ WH Matte White Trim and Flange

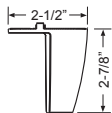
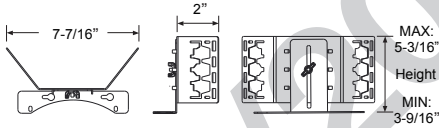
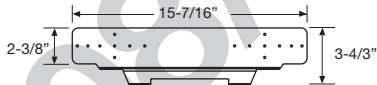
¹ Medium Lens Optic comes installed as standard, if other optic distribution selected the lens will ship separately and require field installation / ³ CRI97 TRUE CHROMA is only available in 3000K only. It is made to order (MTO) for the lumen values of 3000 and above, including the LEL light engine. / 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 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	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

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

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

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

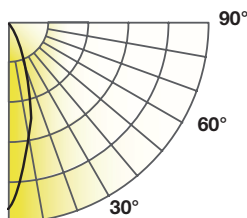


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PHOTOMETRY

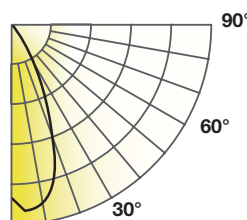
SPF6-S6-LES9035-KDIM010-UNV-VN-ADS6CC



Lumens: 1,220 lm
CBCP: 4,292 cd
Power: 11 W
Efficacy: 98 lm/W
CRI: 90+
Spacing Criteria: 0.42
Beam Angle: 26°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,545	4	236	1.8	0-30	1,094	90%
20	1,189	6	105	2.7	0-40	1,192	98%
30	316	8	59	3.6	0-60	1,219	100%
40	66	10	38	4.5	0-90	1,219	100%
50	12	12	26	5.4			
60	0						
70	0						
80	0						
90	0						

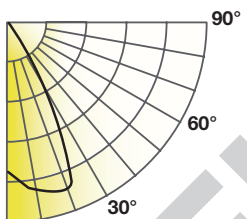
SPF6-S6-LES9035-KDIM010-UNV-NR-ADS6CC



Lumens: 1,240 lm
CBCP: 2,379 cd
Power: 11 W
Efficacy: 100 lm/W
CRI: 90+
Spacing Criteria: 0.67
Beam Angle: 43°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	2,206	4	205	3.1	0-30	1,084	87%
20	1,371	6	91	4.7	0-40	1,216	98%
30	444	8	51	6.2	0-60	1,239	100%
40	72	10	33	7.8	0-90	1,239	100%
50	12	12	23	9.4			
60	0						
70	0						
80	0						
90	0						

SPF6-S6-LES9035-KDIM010-UNV-MD-ADS6CC



Lumens: 1,257 lm
CBCP: 1,396 cd
Power: 11 W
Efficacy: 101 lm/W
CRI: 90+
Spacing Criteria: 0.90
Beam Angle: 64°

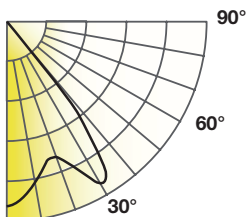
Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	1,308	4	121	5.0	0-30	952	76%
20	1,250	6	54	7.5	0-40	1,201	96%
30	696	8	30	10.0	0-60	1,256	100%
40	169	10	19	12.4	0-90	1,256	100%
50	20	12	13	14.9			
60	1						
70	0						
80	0						
90	0						



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PHOTOMETRY

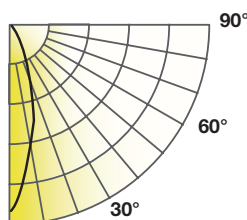
SPF6-LES9035-KDIM010-UNV-WD-ADS6CC



Lumens: 1,250 lm
 CBCP: 900 cd
 Power: 11 W
 Efficacy: 101 lm/W
 CRI: 90+
 Spacing Criteria: 1.22
 Beam Angle: 81°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	755	4	70	6.8	0-30	642	51%
20	706	6	31	10.2	0-40	1,080	86%
30	846	8	18	13.6	0-60	1,250	100%
40	467	10	11	17.1	0-90	1,250	100%
50	76	12	8	20.5			
60	1						
70	0						
80	0						
90	0						

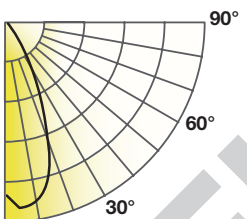
SPF6-LEM9035-KDIM010-UNV-VN-ADS6CC



Lumens: 2,613 lm
 CBCP: 9,216 cd
 Power: 28 W
 Efficacy: 81 lm/W
 CRI: 90+
 Spacing Criteria: 0.42
 Beam Angle: 26°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	5,323	4	495	1.8	0-30	2,340	90%
20	2,507	6	220	2.8	0-40	2,552	98%
30	698	8	124	3.7	0-60	2,610	100%
40	144	10	79	4.6	0-90	2,611	100%
50	30	12	55	5.5			
60	1						
70	0						
80	0						
90	0						

SPF6-LEM9035-KDIM010-UNV-NR-ADS6CC



Lumens: 2,663 lm
 CBCP: 5,360 cd
 Power: 28 W
 Efficacy: 82 lm/W
 CRI: 90+
 Spacing Criteria: 0.63
 Beam Angle: 41°

Candlepower Distribution		Initial Footcandles			Zonal Lumen Summary		
Angle (°)	Average (cd)	Height (ft)	Fc	Diameter (ft)	Zone	Lumens	%Fixt
10	4,951	4	460	3.0	0-30	2,357	89%
20	2,936	6	204	4.5	0-40	2,617	98%
30	968	8	115	6.0	0-60	2,661	100%
40	151	10	74	7.5	0-90	2,661	100%
50	14	12	51	9.0			
60	1						
70	0						
80	0						
90	0						

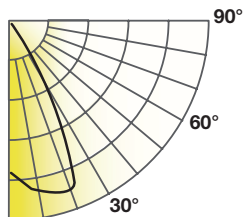


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PHOTOMETRY

SPFST6-LEM9035-KDIM010-UNV-MD-ADS6CC



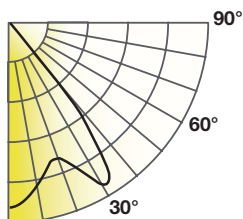
Lumens: 2,680 lm
 CBCP: 2,976 cd
 Power: 28 W
 Efficacy: 81 lm/W
 CRI: 90+
 Spacing Criteria: 0.91
 Beam Angle: 64°

Candlepower Distribution	
Angle (°)	Average (cd)
10	2,802
20	2,655
30	1,539
40	395
50	20
60	2
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	260	5.0
6	116	7.5
8	65	10.0
10	42	12.5
12	29	15.0

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	2,025	76%
0-40	2,555	95%
0-60	2,677	100%
0-90	2,678	100%

SPFST6-LEM9035-KDIM010-UNV-WD-ADS6CC



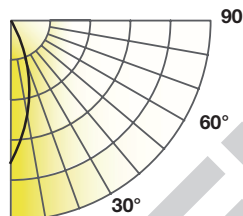
Lumens: 2,684 lm
 CBCP: 1,900 cd
 Power: 28 W
 Efficacy: 83 lm/W
 CRI: 90+
 Spacing Criteria: 1.19
 Beam Angle: 81°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,626
20	1,521
30	1,826
40	1,037
50	155
60	3
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	151	6.9
6	67	10.3
8	38	13.7
10	24	17.1
12	17	20.6

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,378	51%
0-40	2,318	86%
0-60	2,681	100%
0-90	2,683	100%

SPFST6-LEL9035-KDIM010-UNV-VN-ADS6CC



Lumens: 4,765 lm
 CBCP: 10,381 cd
 Power: 28 W
 Efficacy: 79 lm/W
 CRI: 90+
 Spacing Criteria: 0.55
 Beam Angle: 34°

Candlepower Distribution	
Angle (°)	Average (cd)
10	1,626
20	1,521
30	1,826
40	1,037
50	155
60	3
70	0
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	151	2.4
6	67	3.7
8	38	4.9
10	24	6.1
12	17	7.3

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	1,378	51%
0-40	2,318	86%
0-60	2,681	100%
0-90	2,683	100%

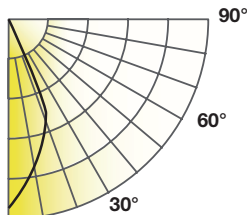


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PHOTOMETRY

SPFTS6-LEL9035-KDIM010-UNV-NR-ADS6CC



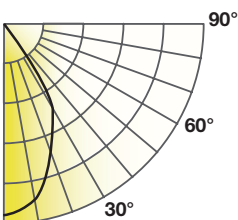
Lumens: 5,079 lm
 CBCP: 9,154 cd
 Power: 53 W
 Efficacy: 86 lm/W
 CRI: 90+
 Spacing Criteria: 0.68
 Beam Angle: 45°

Candlepower Distribution	
Angle (°)	Average (cd)
10	7,593
20	5,198
30	2,044
40	467
50	40
60	5
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	705	3.3
6	313	5.0
8	176	6.6
10	113	8.3
12	78	9.9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	4,198	83%
0-40	4,943	97%
0-60	5,071	100%
0-90	5,074	100%

SPFTS6-LEL9035-KDIM010-UNV-MD-ADS6CC



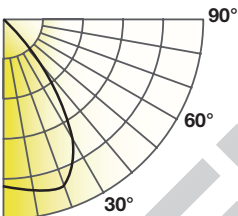
Lumens: 5,113 lm
 CBCP: 6,346 cd
 Power: 53 W
 Efficacy: 86 lm/W
 CRI: 90+
 Spacing Criteria: 0.80
 Beam Angle: 59°

Candlepower Distribution	
Angle (°)	Average (cd)
10	5,593
20	4,188
30	3,109
40	816
50	74
60	6
70	1
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	520	3.9
6	231	5.9
8	130	7.9
10	83	9.9
12	58	11.8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,603	71%
0-40	4,887	96%
0-60	5,104	100%
0-90	5,108	100%

SPFTS6-LEL9035-KDIM010-UNV-WD-ADS6CC



Lumens: 5,212 lm
 CBCP: 4,102 cd
 Power: 53 W
 Efficacy: 88 lm/W
 CRI: 90+
 Spacing Criteria: 1.07
 Beam Angle: 72°

Candlepower Distribution	
Angle (°)	Average (cd)
10	4,015
20	3,849
30	3,108
40	1,581
50	220
60	12
70	3
80	0
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
4	373	3.9
6	166	5.9
8	93	7.9
10	60	9.9
12	41	11.8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	3,152	61%
0-40	4,643	89%
0-60	5,199	100%
0-90	5,207	100%