

SpecFlex
Architectural Strip Lighting

AFSS48-7H Dry Location Series

24V Static White, High Efficacy, Medium Density 48 LEDs per foot

PHOTOMETRICS

AFSS48-7H30K: 24V High Efficacy Dry Location SpecFlex Strip Light

7W/Ft, 48LEDs/Ft, 1-Foot Strip, 3074K, 92 CRI

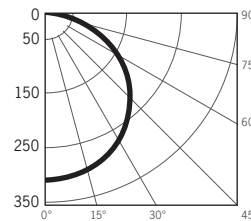
Fixture Delivered Lumens: 910.3
Total Watts@24V: 7.1
Lumens Per Watt: 128.2
Center Beam Candle Power: 313
Beam Distribution: 115°
Spacing Criterion: 1.27

LM-63 Test No. G23092103
LM-79 Test No. S23092501

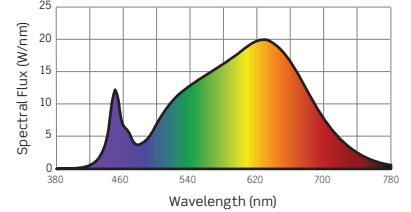
Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	78.2	6.3
4 FT	19.6	12.5
6 FT	8.7	18.8
8 FT	4.9	25.0
10 FT	3.1	31.3
12 FT	2.2	37.5

Candela Curve



Spectral Power Distribution Chart¹



1. Colors Present within the Light Source

CCT MULTIPLIERS

2700K	3000K	3500K	4000K
0.98	N/A	1.02	1.05

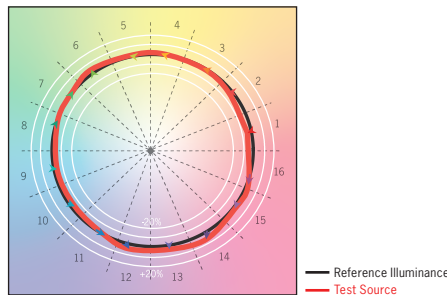
AFSS48-7H30K TM-30 DATA

ANSI/IES TM-30-18 Color Rendition Report Test No. S23092501

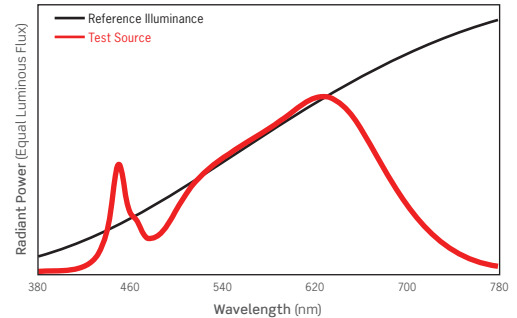
Colors are for visual orientation purposes only

R _f	91
R _g	101
CCT (K)	3074K
D _{uv}	0.0005
u'	0.2478
v'	0.5206

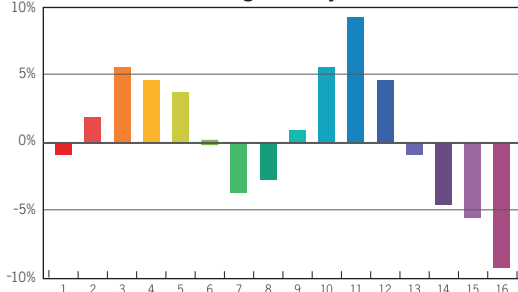
Color Vector Graph



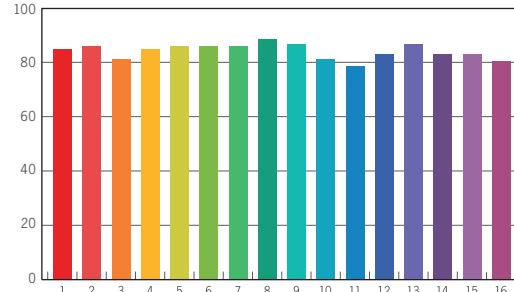
Spectral Power Distribution Comparison



Percentage Shift by Hue



R_f by Hue



HUE BIN	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
HUE SHIFT	-1%	2%	6%	5%	4%	0%	-4%	-3%	1%	6%	10%	5%	-1%	-5%	-6%	-10%
R _f VALUE	92	93	88	92	93	93	93	96	94	88	85	90	94	90	90	87

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AFSS48-7H Dry Location Series

24V Static White, High Efficacy, Medium Density 48 LEDs per foot

PHOTOMETRICS

AFSS48-7H30K + AFEX1112BEAMS + AFL1112BEAMS: 24V Dry Location SpecFlex Strip Light

7W/Ft, 48LEDs/Ft, 1-Foot Strip, 3074K, 92 CRI

Using the Beam Focusing Mounting Channel and Frosted Diffusion Optic combined with the included Adjustable Channel Insert to achieve tested Beam Spread

Grazer

LM-63 Test No. G24050105



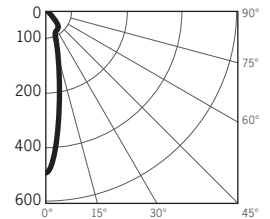
No Insert

Fixture Delivered Lumens: 498.0
Total Watts@24V: 6.9
Lumens Per Watt: 72.2
Center Beam Candle Power: 601
Beam Distribution: 21°
Spacing Criterion: 0.36

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	150.3	0.7
4 FT	37.6	1.5
6 FT	16.7	2.2
8 FT	9.4	3.0
10 FT	6.0	3.7
12 FT	4.2	4.4

Candela Curve



Narrow

LM-63 Test No. G24050106

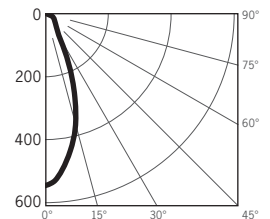


Fixture Delivered Lumens: 645.0
Total Watts@24V: 6.9
Lumens Per Watt: 93.5
Center Beam Candle Power: 546
Beam Distribution: 38°
Spacing Criterion: 0.64

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	136.5	1.4
4 FT	34.1	2.8
6 FT	15.2	4.2
8 FT	8.5	5.6
10 FT	5.5	7.0
12 FT	3.8	8.3

Candela Curve



Medium

LM-63 Test No. G24050201

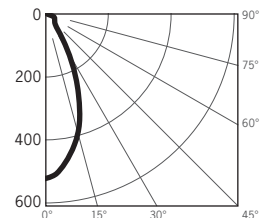


Fixture Delivered Lumens: 685.2
Total Watts@24V: 6.9
Lumens Per Watt: 99.3
Center Beam Candle Power: 515
Beam Distribution: 48°
Spacing Criterion: 0.74

Intensity Distribution

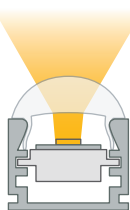
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	128.8	1.8
4 FT	32.2	3.5
6 FT	14.3	5.3
8 FT	8.0	7.0
10 FT	5.2	8.8
12 FT	3.6	10.6

Candela Curve



Flood

LM-63 Test No. G24050107

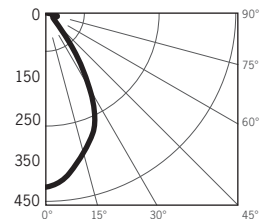


Fixture Delivered Lumens: 731.9
Total Watts@24V: 6.9
Lumens Per Watt: 106.1
Center Beam Candle Power: 464
Beam Distribution: 58°
Spacing Criterion: 0.93

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	115.9	2.2
4 FT	29.0	4.4
6 FT	12.9	6.7
8 FT	7.2	8.9
10 FT	4.6	11.1
12 FT	3.2	13.3

Candela Curve



Wide Flood

LM-63 Test No. G24050202

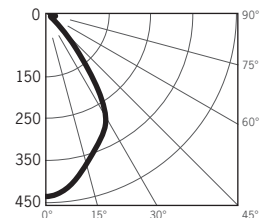


Fixture Delivered Lumens: 756.6
Total Watts@24V: 6.9
Lumens Per Watt: 109.7
Center Beam Candle Power: 437
Beam Distribution: 69°
Spacing Criterion: 1.02

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIA. (FT.)
2 FT	109.3	2.7
4 FT	27.3	5.5
6 FT	12.1	8.2
8 FT	6.8	11.0
10 FT	4.4	13.7
12 FT	3.0	16.5

Candela Curve



CCT MULTIPLIERS			
2700K	3000K	3500K	4000K
0.98	N/A	1.02	1.05