Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P1502264

Luminaire Tested: GSS-SB1D-827-U-T3LG-HSS

Issue Date: 07/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1502264
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB1D-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 1SQUARE 76W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(26) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6769.9 lumens
Efficiency:	N/A
Efficacy:	89.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

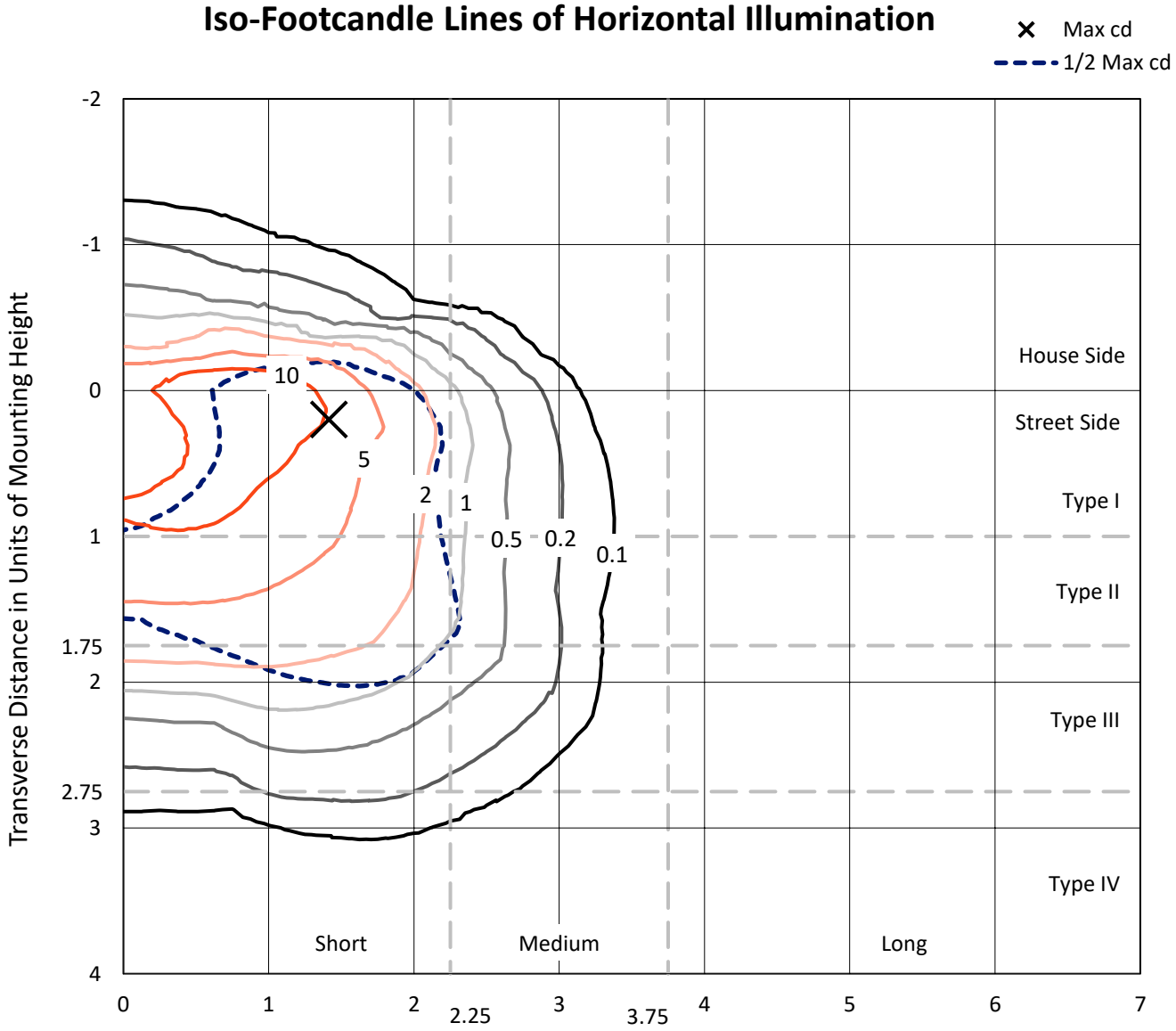
Input Watts (W):	76
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	6.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502264
CATALOG NUMBER: GSS-SB1D-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



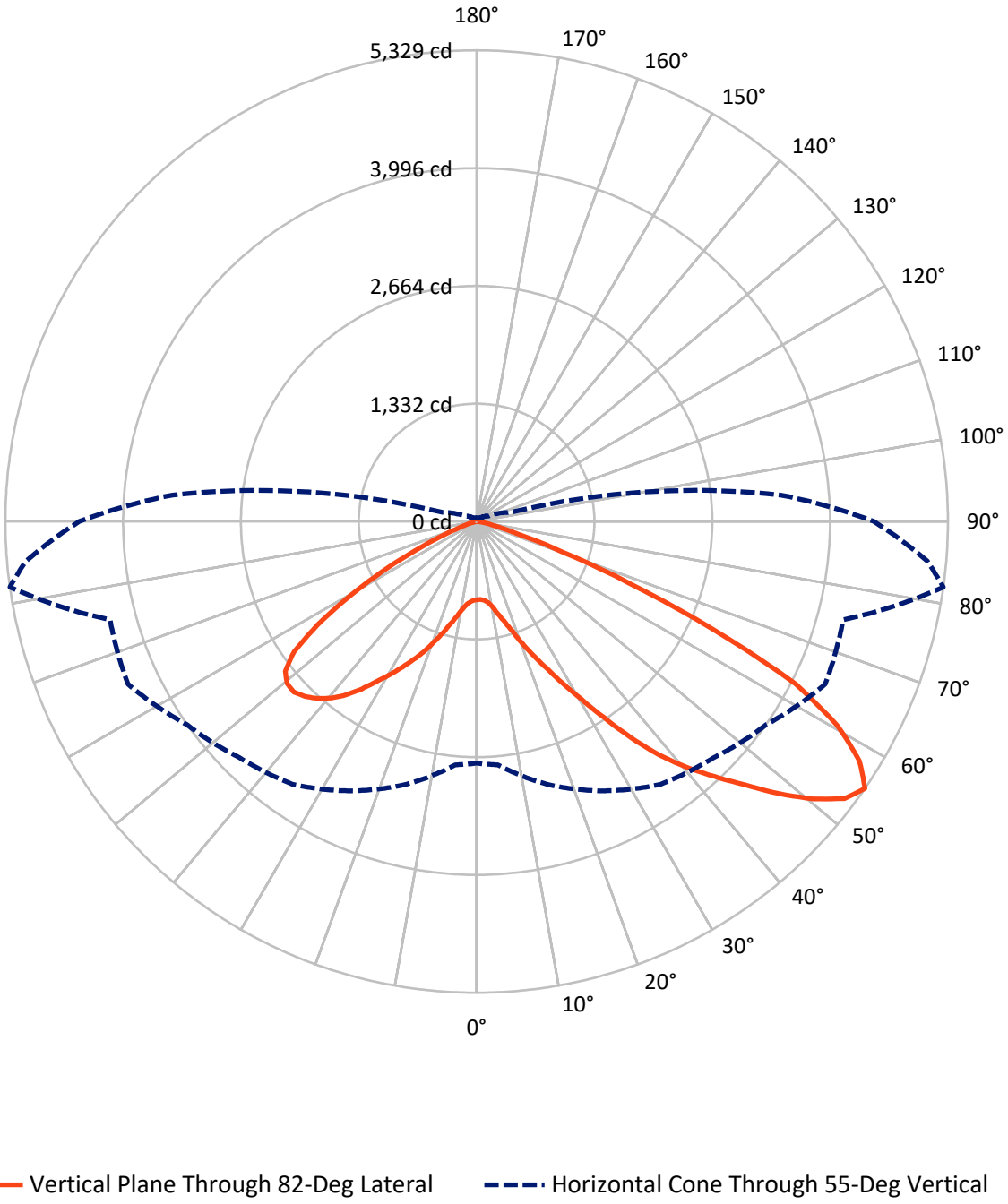
Based on 10 foot mounting height. Maximum calculated value = 16.5 fc
Type III - Short - N/A

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REPORT NUMBER: P1502264
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Luminous Intensity Polar Plot



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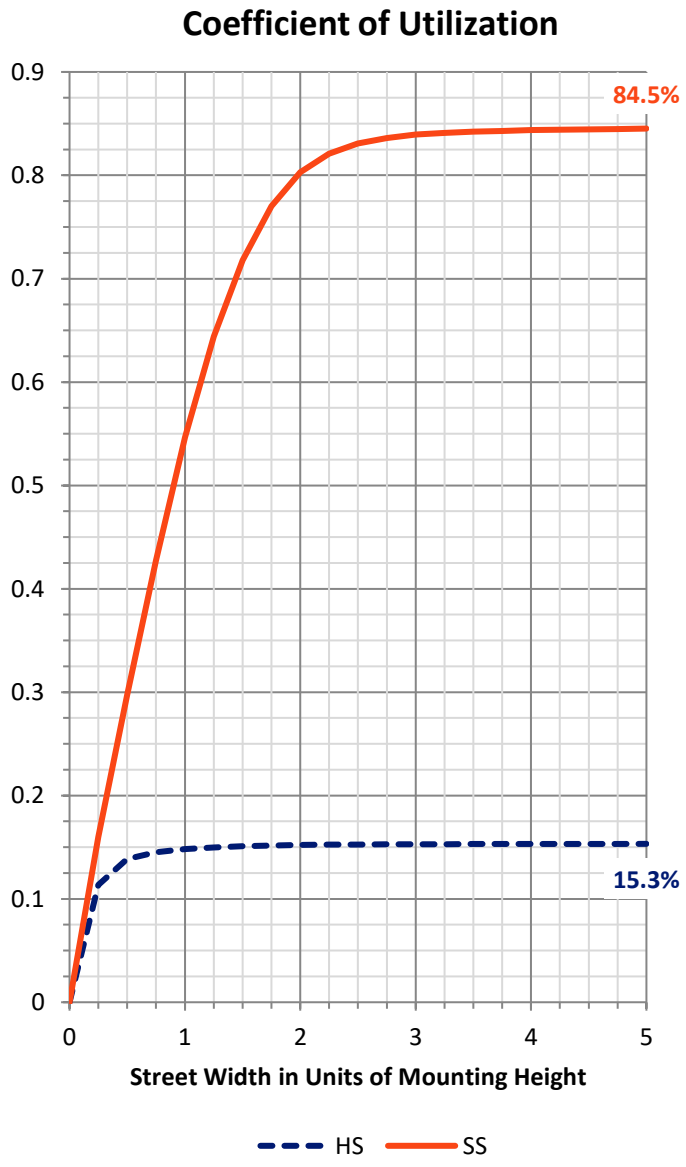
REPORT NUMBER: P1502264
CATALOG NUMBER: GSS-SB1D-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1046.4	0.0	1046.4
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	5723.5	0.0	5723.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	6769.9	0.0	6769.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.1	1.2
10°-20°	216.9	3.2
20°-30°	433.6	6.4
30°-40°	897.8	13.3
40°-50°	1499.8	22.2
50°-60°	1902.2	28.1
60°-70°	1422.0	21.0
70°-80°	301.2	4.4
80°-90°	16.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6769.9	100.0
0°-180°	6769.9	100.0



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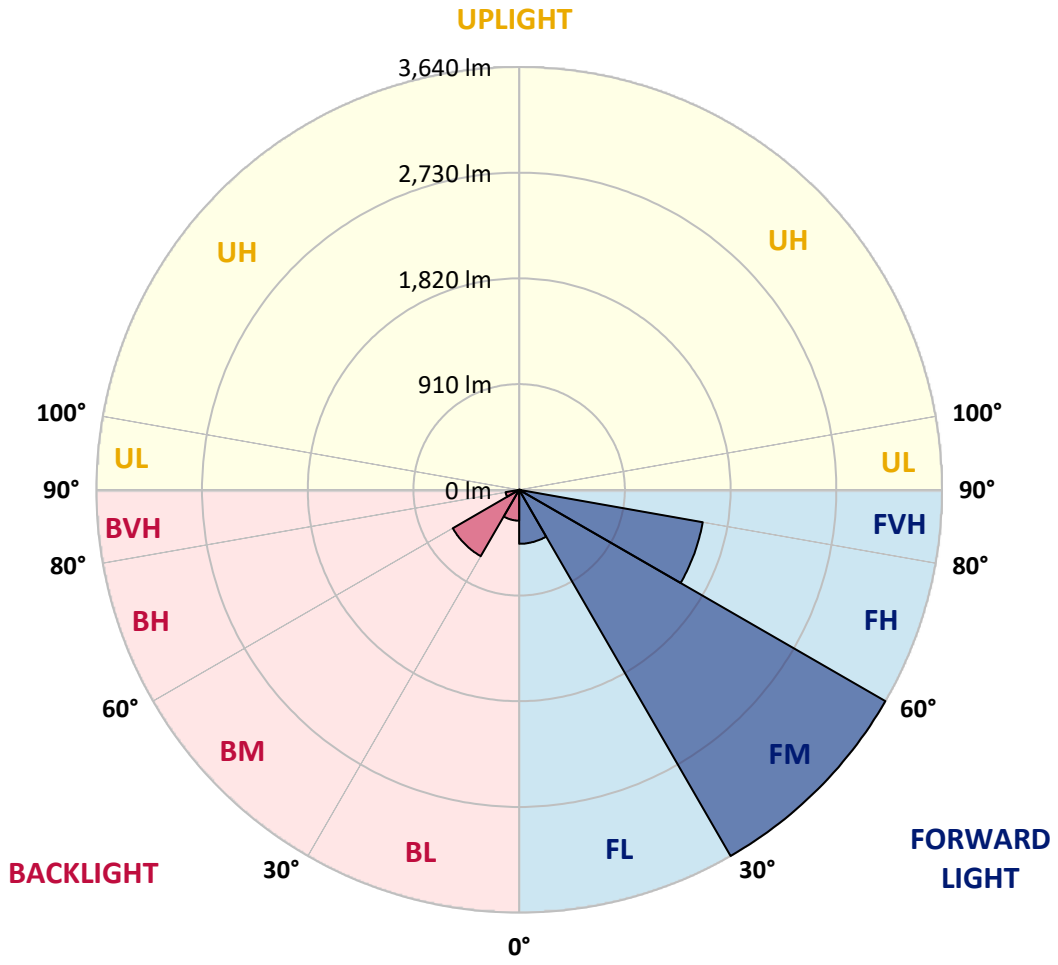
Scaled Data Report

REPORT NUMBER: P1502264
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	464.9	6.9			
FM	(30°-60°)	3639.6	53.8			
FH	(60°-80°)	1604.4	23.7			G1/1800
FVH	(80°-90°)	14.5	0.2			G1/100
BL	(0°-30°)	265.6	3.9	B1/500		
BM	(30°-60°)	660.2	9.8	B1/1000		
BH	(60°-80°)	118.8	1.8	B1/500		G1/500
BVH	(80°-90°)	1.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1
Type III Short



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REPORT NUMBER: P1502264
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	*883.8*	883.8
2.5°	859.9	861.8	858.1	859.9	863.6	861.8	869.1	874.6	880.1	*882.0*	883.8
5°	784.6	786.4	788.3	803.0	812.1	834.2	854.4	867.3	885.6	*894.8*	896.7
7.5°	694.5	694.5	701.9	720.3	744.2	786.4	832.4	869.1	904.0	*922.4*	926.1
10°	678.0	679.8	679.8	692.7	712.9	755.2	814.0	887.5	950.0	*977.5*	986.7
12.5°	681.7	683.5	685.4	698.2	718.4	755.2	830.5	926.1	1023.4	*1069.4*	1074.9
15°	690.9	694.5	700.1	716.6	738.6	786.4	865.4	981.2	1111.6	*1170.4*	1185.1
17.5°	718.4	720.3	729.5	747.8	782.7	830.5	916.9	1052.8	1234.8	*1299.1*	1326.6
20°	760.7	764.4	777.2	803.0	843.4	904.0	999.6	1146.6	1367.0	*1466.3*	1488.3
22.5°	814.0	814.0	832.4	872.8	929.7	997.7	1113.5	1271.5	1528.7	*1644.5*	1681.2
25°	902.2	900.3	915.0	961.0	1029.0	1128.2	1245.8	1420.3	1697.8	*1835.6*	1874.2
27.5°	1104.3	1098.8	1093.3	1095.1	1153.9	1280.7	1416.7	1607.8	1907.3	*2068.9*	2098.3
30°	1339.5	1346.8	1339.5	1321.1	1330.3	1447.9	1616.9	1837.4	2142.4	*2324.3*	2362.9
32.5°	1545.3	1549.0	1580.2	1600.4	1607.8	1662.9	1848.5	2114.9	2441.9	*2640.4*	2690.0
35°	1769.4	1775.0	1809.9	1852.1	1918.3	1967.9	2138.8	2436.4	2747.0	*2996.8*	3033.6
37.5°	2030.4	2039.5	2085.5	2146.1	2238.0	2351.9	2443.8	2728.6	3057.5	*3346.0*	3384.5
40°	2260.0	2289.4	2368.4	2445.6	2543.0	2671.6	2732.3	2984.0	3287.2	*3654.6*	3719.0
42.5°	2476.9	2493.4	2620.2	2739.6	2855.4	2960.1	3018.9	3184.3	3491.1	*3941.3*	4012.9
45°	2656.9	2669.8	2811.3	2969.3	3112.6	3217.3	3226.5	3379.0	3693.2	*4244.5*	4299.6
47.5°	2767.2	2787.4	2969.3	3149.4	3307.4	3404.8	3390.1	3627.1	3913.7	*4597.3*	4604.6
50°	2833.3	2846.2	3031.8	3265.1	3459.9	3527.9	3559.1	3864.1	4114.0	*4931.7*	4887.6
52.5°	2881.1	2901.3	3083.2	3331.3	3549.9	3641.8	3753.9	4130.5	4272.0	*5205.4*	5087.8
55°	*2732.3*	*2761.7*	*3075.9*	*3360.7*	*3627.1*	*3781.4*	*4001.9*	*4349.2*	*4290.4*	*5328.5*	*5113.6*
57.5°	2565.1	2570.6	2881.1	3351.5	3713.4	3928.4	4229.8	4365.7	4119.5	*5104.4*	4852.7
60°	2318.8	2351.9	2669.8	3232.0	3728.1	4046.0	4384.1	4165.5	3807.2	*4689.1*	4310.6
62.5°	1628.0	1679.4	2094.7	2917.8	3623.4	4110.3	4358.4	3816.3	3415.8	*4047.9*	3623.4
65°	911.4	955.5	1295.4	2353.7	3334.9	4095.6	4093.8	3349.6	2787.4	*2925.2*	2590.8
67.5°	499.8	534.7	672.5	1771.3	2645.9	3781.4	3537.1	2555.9	1868.7	*1857.6*	1616.9
70°	349.1	350.9	424.4	1196.2	1901.7	2638.6	2765.3	1714.3	1159.4	*1025.3*	865.4
72.5°	170.9	172.7	211.3	564.1	1163.1	1462.6	1896.2	891.2	650.5	*509.0*	433.6
75°	86.4	84.5	115.8	211.3	481.4	712.9	836.0	446.5	378.5	*279.3*	248.1
77.5°	55.1	57.0	68.0	115.8	216.8	277.5	257.2	242.5	222.3	*163.5*	141.5
80°	36.7	36.7	45.9	73.5	106.6	132.3	79.0	112.1	130.5	*95.5*	82.7
82.5°	11.0	11.0	27.6	40.4	51.4	53.3	34.9	51.4	73.5	*53.3*	40.4
85°	7.3	7.3	14.7	20.2	22.0	18.4	11.0	22.0	34.9	*23.9*	20.2
87.5°	0.0	0.0	0.0	1.8	1.8	1.8	1.8	1.8	1.8	*1.8*	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0

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Scaled Data Report

REPORT NUMBER: P1502264
CATALOG NUMBER: GSS-SB1D-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8	883.8
2.5°	885.6	887.5	893.0	894.8	898.5	900.3	900.3	900.3	898.5	900.3	904.0
5°	900.3	909.5	916.9	915.0	915.0	905.9	898.5	883.8	876.5	874.6	876.5
7.5°	937.1	944.4	951.8	940.8	913.2	870.9	825.0	788.3	757.0	742.3	747.8
10°	1003.2	1012.4	1012.4	961.0	883.8	784.6	701.9	633.9	582.5	554.9	567.8
12.5°	1098.8	1106.1	1087.8	979.4	832.4	668.8	531.0	417.1	350.9	317.9	310.5
15°	1209.0	1220.1	1157.6	975.7	751.5	499.8	330.7	248.1	224.2	216.8	218.7
17.5°	1350.5	1356.0	1234.8	946.3	611.9	327.1	235.2	211.3	205.8	202.1	202.1
20°	1525.1	1508.5	1297.2	896.7	446.5	257.2	216.8	198.4	192.9	191.1	192.9
22.5°	1712.5	1686.8	1348.7	803.0	338.1	242.5	207.6	187.4	180.1	178.2	178.2
25°	1909.1	1850.3	1389.1	665.1	316.0	238.9	196.6	170.9	163.5	159.9	159.9
27.5°	2133.3	2032.2	1411.1	556.7	321.6	233.4	183.7	156.2	145.2	141.5	141.5
30°	2381.3	2234.3	1413.0	534.7	332.6	226.0	170.9	139.6	128.6	123.1	124.9
32.5°	2682.6	2440.1	1407.5	569.6	339.9	220.5	156.2	123.1	113.9	108.4	108.4
35°	2995.0	2690.0	1385.4	635.8	343.6	204.0	137.8	108.4	97.4	95.5	97.4
37.5°	3305.5	2927.0	1354.2	672.5	325.2	167.2	112.1	93.7	86.4	86.4	86.4
40°	3588.5	3132.8	1311.9	641.3	259.1	121.3	91.9	80.8	77.2	75.3	77.2
42.5°	3799.8	3316.6	1234.8	540.2	183.7	97.4	80.8	71.7	68.0	68.0	69.8
45°	4031.3	3493.0	1085.9	396.9	139.6	84.5	69.8	62.5	60.6	60.6	62.5
47.5°	4264.7	3634.4	942.6	264.6	121.3	75.3	62.5	57.0	55.1	53.3	55.1
50°	4442.9	3702.4	755.2	192.9	110.2	68.0	57.0	53.3	49.6	47.8	47.8
52.5°	4569.7	3684.0	553.1	165.4	101.1	62.5	53.3	49.6	44.1	44.1	44.1
55°	*4492.5*	*3448.9*	*398.7*	*148.8*	*93.7*	*58.8*	*51.4*	*45.9*	*42.3*	*40.4*	*40.4*
57.5°	4117.7	2939.9	288.5	134.1	82.7	55.1	49.6	44.1	38.6	36.7	36.7
60°	3579.3	2289.4	215.0	117.6	71.7	53.3	44.1	42.3	36.7	33.1	33.1
62.5°	2925.2	1666.5	167.2	101.1	64.3	45.9	42.3	38.6	33.1	29.4	27.6
65°	2030.4	1063.9	128.6	82.7	60.6	40.4	38.6	33.1	27.6	22.0	22.0
67.5°	1253.1	632.1	99.2	64.3	47.8	34.9	33.1	29.4	23.9	18.4	18.4
70°	692.7	334.4	68.0	47.8	36.7	27.6	25.7	25.7	20.2	16.5	14.7
72.5°	332.6	181.9	45.9	40.4	27.6	18.4	20.2	20.2	16.5	12.9	12.9
75°	200.3	108.4	31.2	31.2	18.4	14.7	14.7	16.5	12.9	9.2	9.2
77.5°	113.9	64.3	18.4	23.9	12.9	9.2	11.0	9.2	7.3	5.5	5.5
80°	64.3	36.7	11.0	16.5	7.3	5.5	5.5	3.7	3.7	1.8	1.8
82.5°	31.2	20.2	5.5	5.5	3.7	1.8	1.8	1.8	1.8	0.0	0.0
85°	14.7	3.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

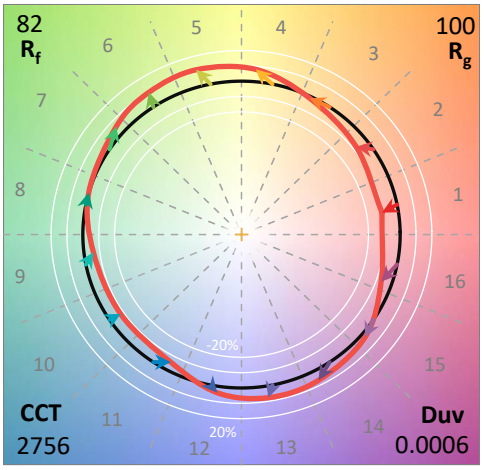
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

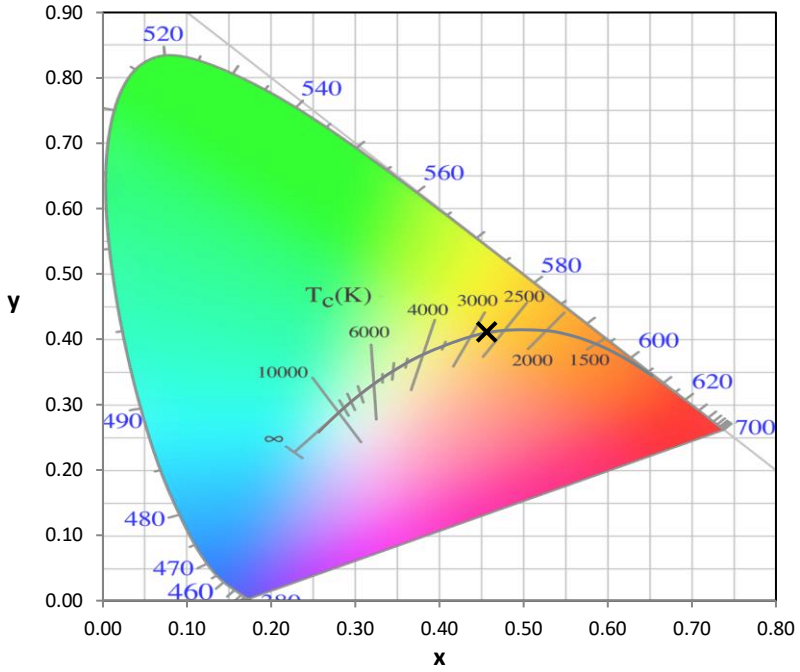
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

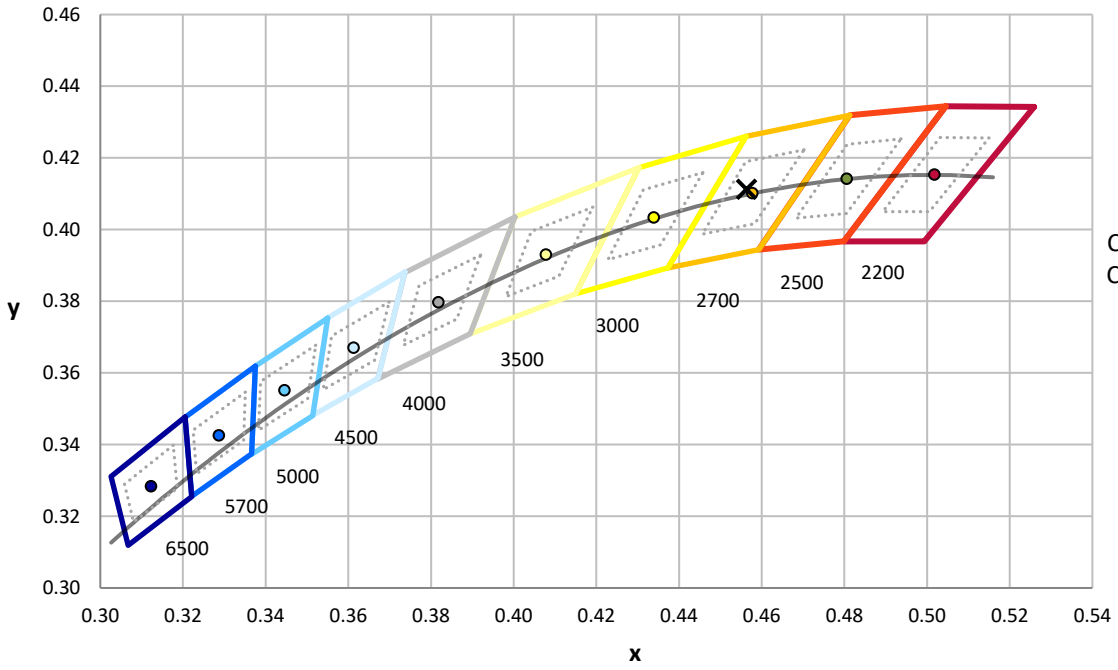
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

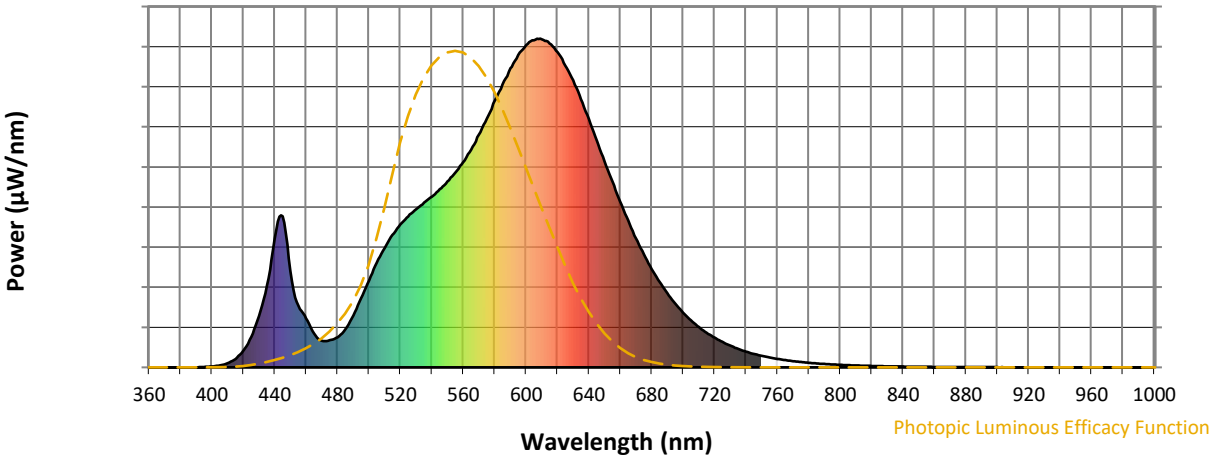


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

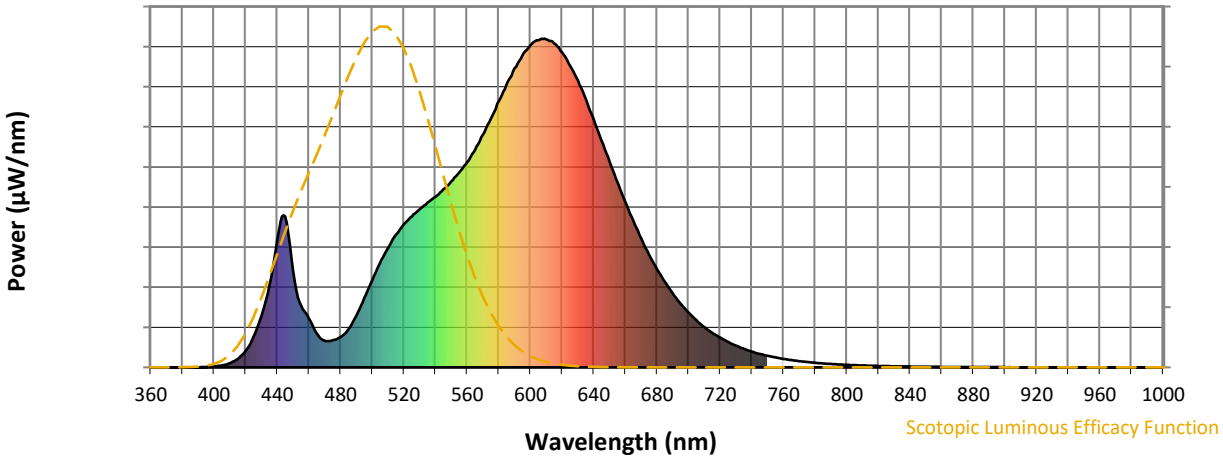


Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

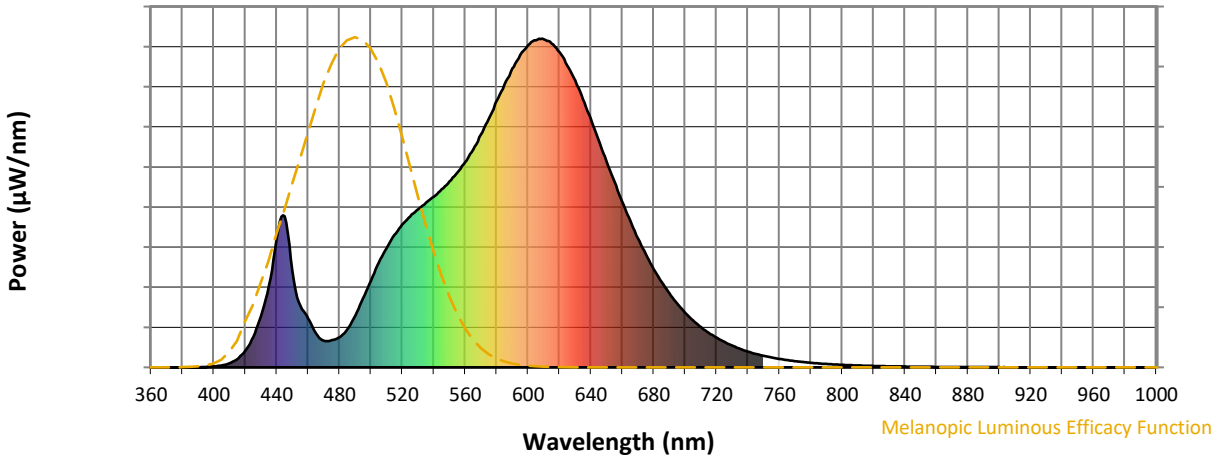


Scotopic Lumens: NR **S/P: 1.2**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

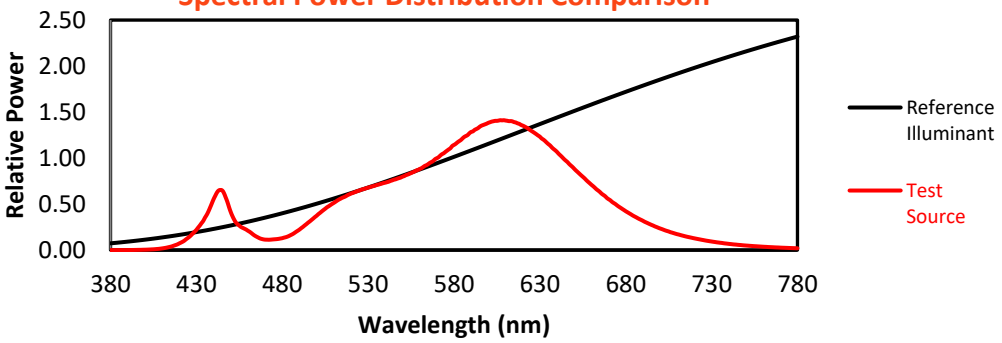
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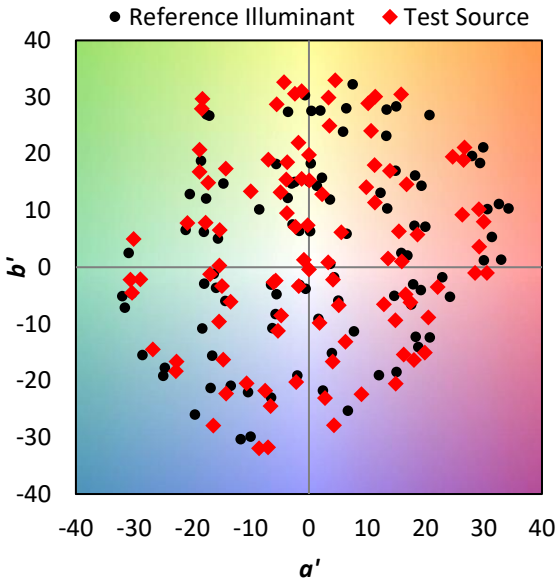
Summary

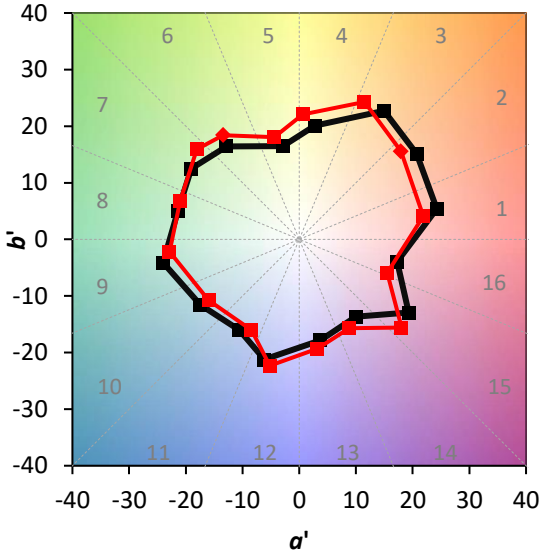
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

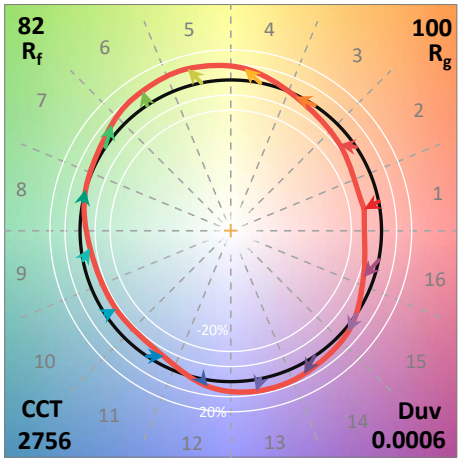
Spectral Power Distribution Comparison

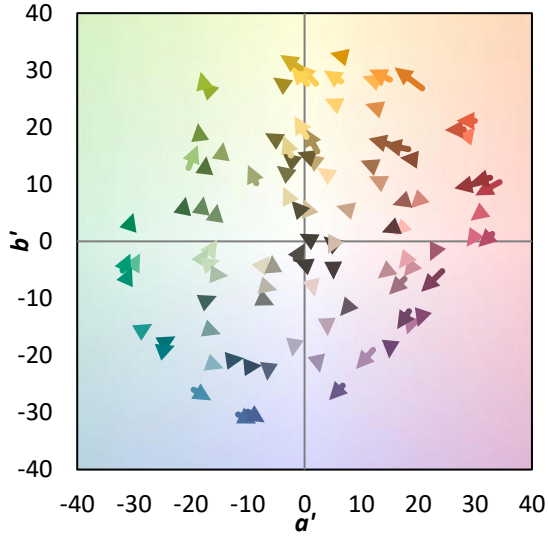


Color Vector Graphics







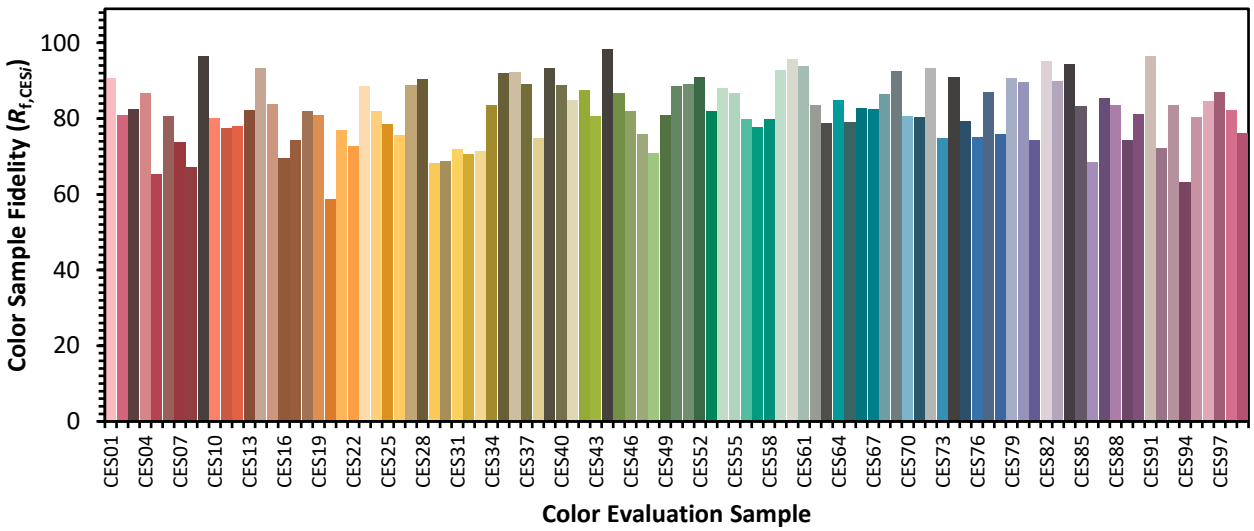


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Individual Sample Fidelity Index ($R_{f,i}$)

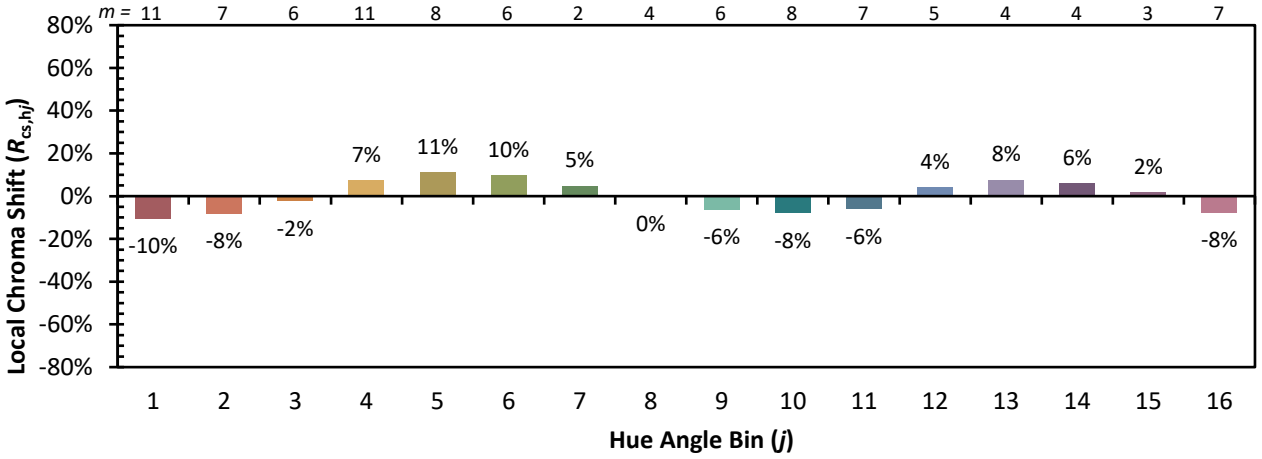
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

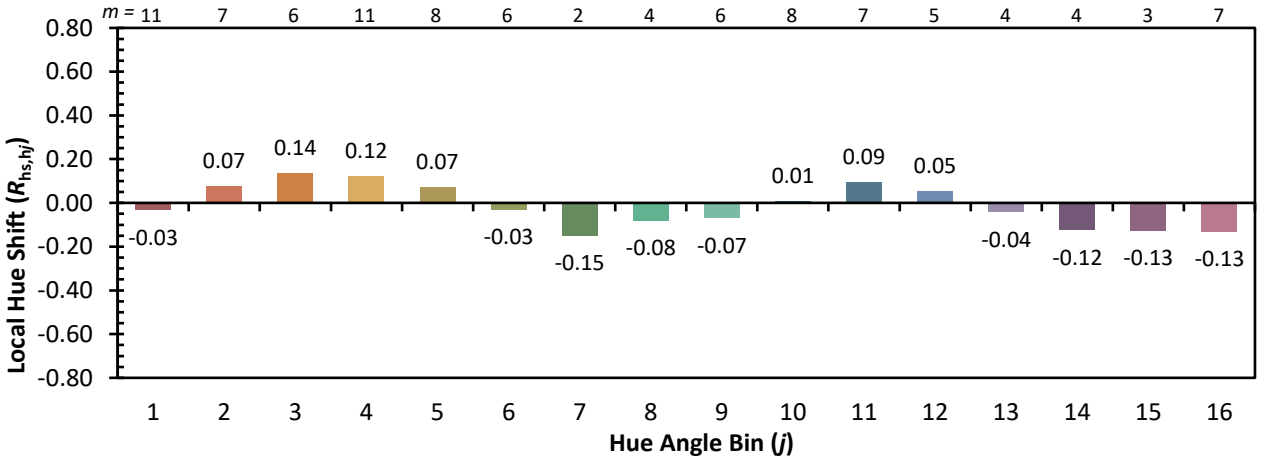


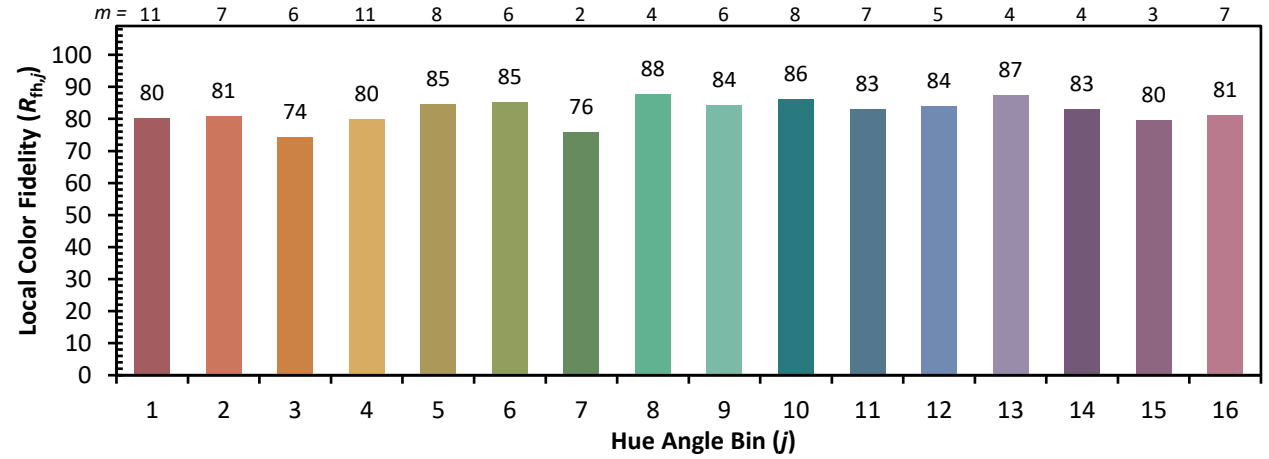
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Color Rendition by Hue-Angle Bin



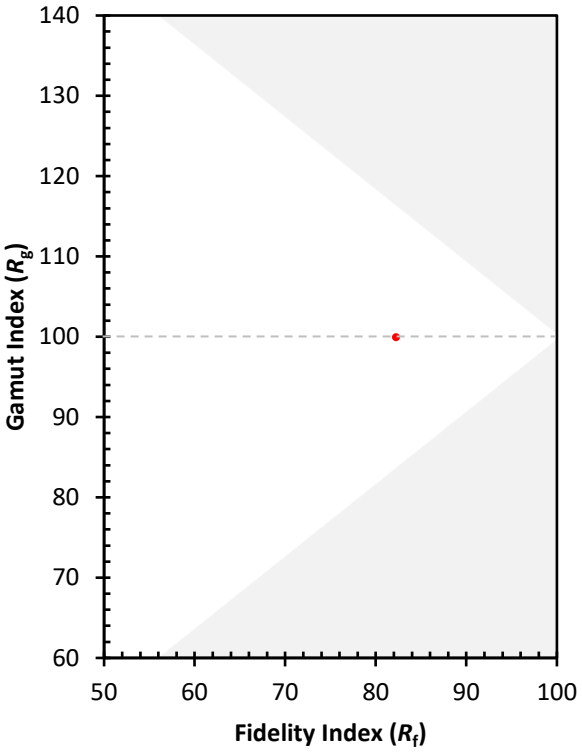


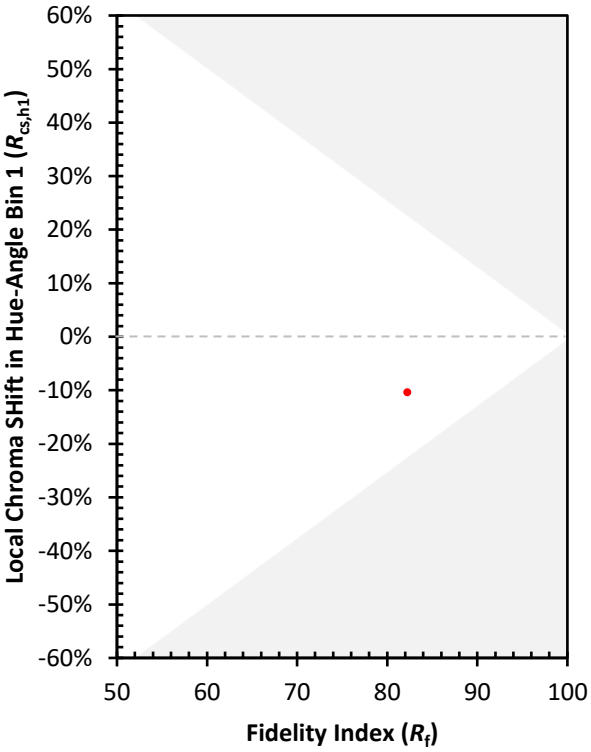


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Measure Comparisons





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