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: P1502265

Luminaire Tested: GSS-SB2A-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:	P1502265
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2A-827-U-T3LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 58W 80CRI 2700K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6053.1 lumens
Efficiency:	N/A
Efficacy:	104.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

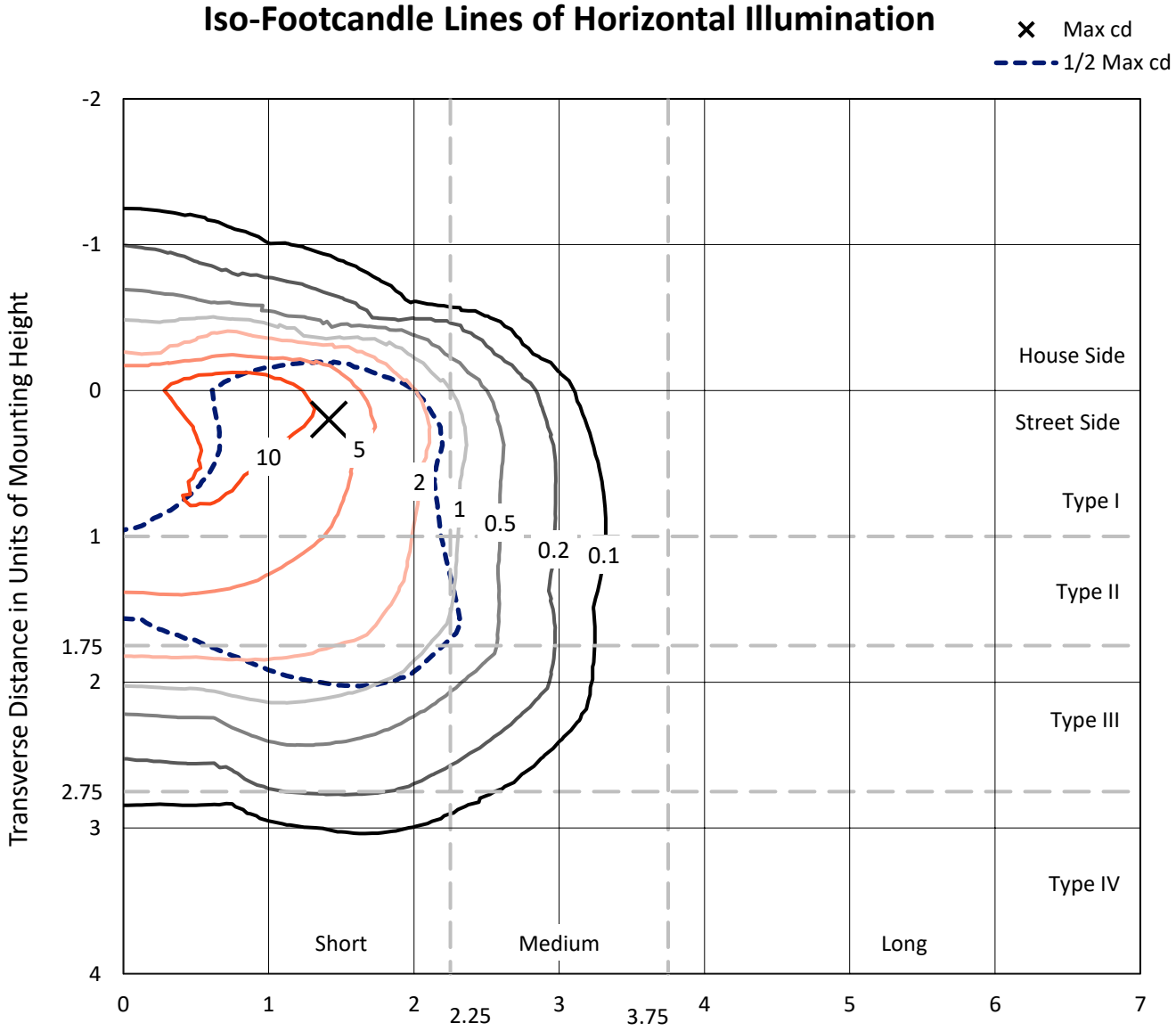
Input Watts (W):	58
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1502265
CATALOG NUMBER: GSS-SB2A-827-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



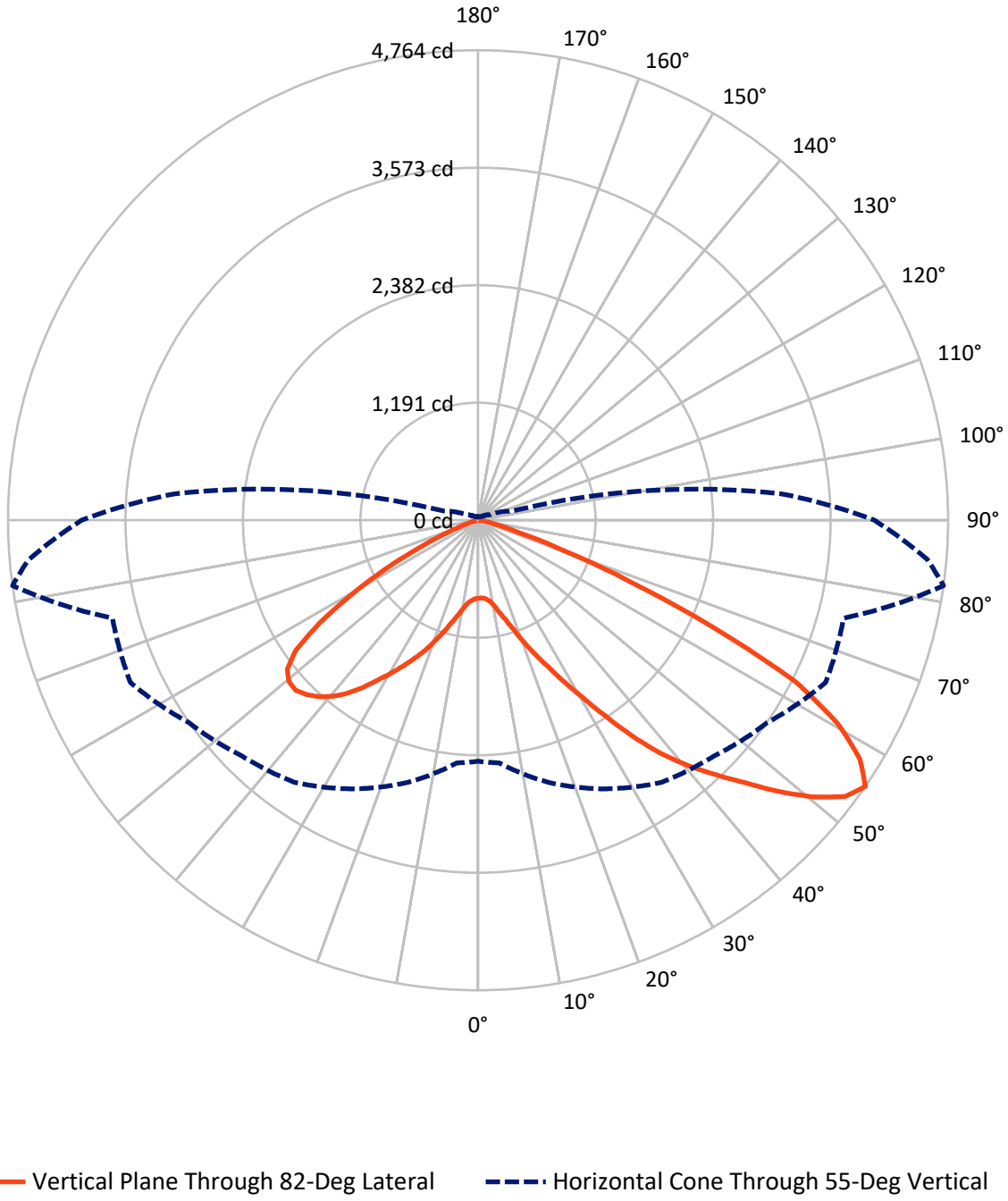
Based on 10 foot mounting height. Maximum calculated value = 14.8 fc
Type III - Short - N/A

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REPORT NUMBER: P1502265
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Luminous Intensity Polar Plot



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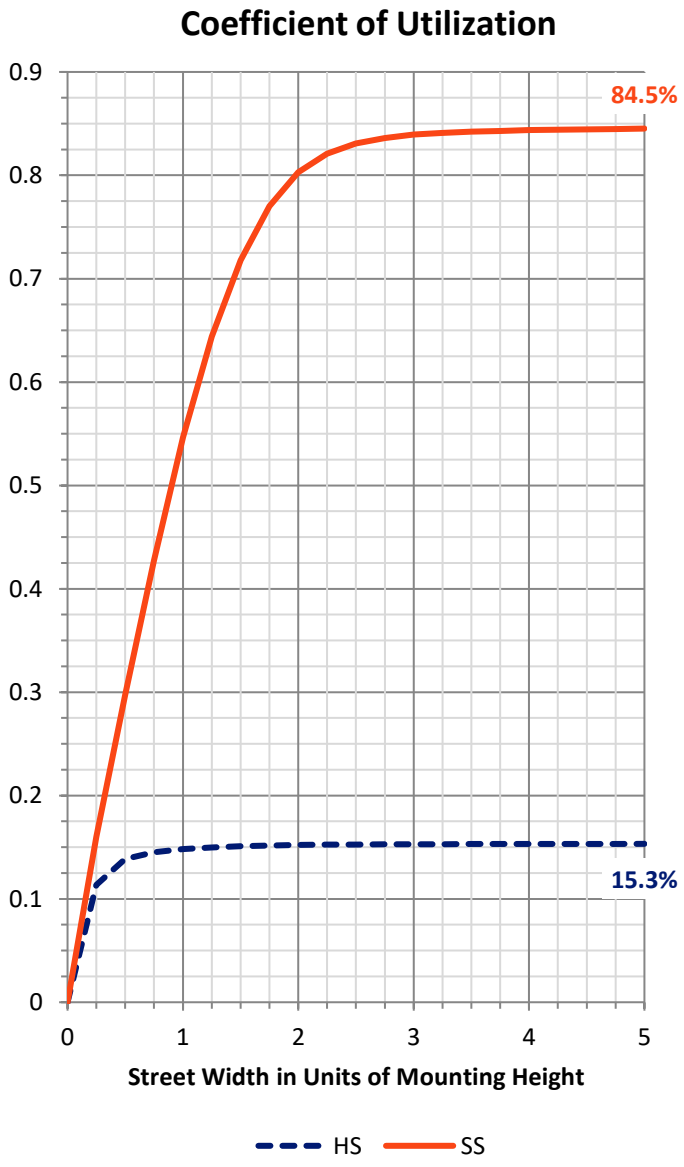
REPORT NUMBER: P1502265
CATALOG NUMBER: GSS-SB2A-827-U-T3LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	935.6	0.0	935.6
	% Fixture	15.5	0.0	15.5
Street Side	Lumens	5117.5	0.0	5117.5
	% Fixture	84.5	0.0	84.5
Total	Lumens	6053.1	0.0	6053.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.6	1.2
10°-20°	193.9	3.2
20°-30°	387.7	6.4
30°-40°	802.8	13.3
40°-50°	1341.0	22.2
50°-60°	1700.8	28.1
60°-70°	1271.5	21.0
70°-80°	269.3	4.4
80°-90°	14.5	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°	6053.1	100.0
0°-180°	6053.1	100.0



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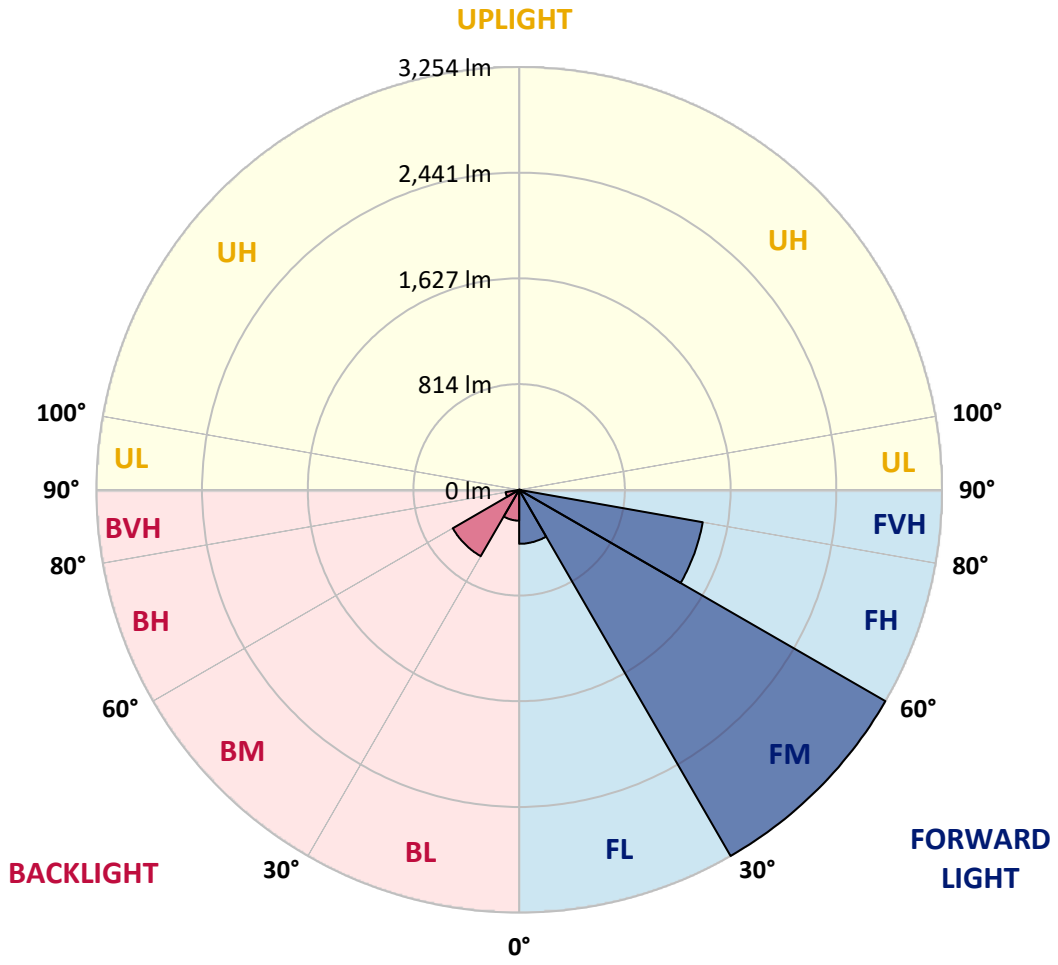
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REPORT NUMBER: P1502265
CATALOG NUMBER: GSS-SB2A-827-U-T3LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	415.7	6.9			
FM	(30°-60°)	3254.3	53.8			
FH	(60°-80°)	1434.6	23.7			G1/1800
FVH	(80°-90°)	13.0	0.2			G1/100
BL	(0°-30°)	237.5	3.9	B1/500		
BM	(30°-60°)	590.3	9.8	B1/1000		
BH	(60°-80°)	106.2	1.8	B0/110		G0/110
BVH	(80°-90°)	1.5	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: P1502265
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2	*790.2*	790.2
2.5°	768.9	770.5	767.2	768.9	772.2	770.5	777.1	782.0	786.9	*788.6*	790.2
5°	701.5	703.2	704.8	717.9	726.2	745.9	763.9	775.4	791.9	*800.1*	801.7
7.5°	621.0	621.0	627.6	644.0	665.4	703.2	744.2	777.1	808.3	*824.7*	828.0
10°	606.2	607.9	607.9	619.4	637.4	675.2	727.8	793.5	849.4	*874.0*	882.2
12.5°	609.5	611.2	612.8	624.3	642.4	675.2	742.6	828.0	915.1	*956.2*	961.1
15°	617.7	621.0	625.9	640.7	660.4	703.2	773.8	877.3	994.0	*1046.5*	1059.7
17.5°	642.4	644.0	652.2	668.7	699.9	742.6	819.8	941.4	1104.0	*1161.5*	1186.2
20°	680.2	683.4	694.9	717.9	754.1	808.3	893.7	1025.2	1222.3	*1311.0*	1330.7
22.5°	727.8	727.8	744.2	780.4	831.3	892.1	995.6	1136.9	1366.9	*1470.4*	1503.3
25°	806.7	805.0	818.2	859.2	920.0	1008.7	1113.9	1270.0	1518.0	*1641.3*	1675.8
27.5°	987.4	982.5	977.5	979.2	1031.7	1145.1	1266.7	1437.5	1705.3	*1849.9*	1876.2
30°	1197.7	1204.2	1197.7	1181.2	1189.5	1294.6	1445.7	1642.9	1915.6	*2078.3*	2112.8
32.5°	1381.7	1385.0	1412.9	1431.0	1437.5	1486.8	1652.8	1891.0	2183.4	*2360.8*	2405.2
35°	1582.1	1587.0	1618.3	1656.0	1715.2	1759.5	1912.3	2178.5	2456.1	*2679.6*	2712.4
37.5°	1815.4	1823.6	1864.7	1918.9	2001.0	2102.9	2185.1	2439.7	2733.8	*2991.7*	3026.2
40°	2020.8	2047.0	2117.7	2186.7	2273.8	2388.8	2443.0	2668.1	2939.1	*3267.7*	3325.2
42.5°	2214.6	2229.4	2342.8	2449.6	2553.1	2646.7	2699.3	2847.1	3121.5	*3524.0*	3588.1
45°	2375.6	2387.1	2513.6	2654.9	2783.1	2876.7	2884.9	3021.3	3302.2	*3795.1*	3844.4
47.5°	2474.2	2492.3	2654.9	2815.9	2957.2	3044.3	3031.1	3243.1	3499.4	*4110.5*	4117.1
50°	2533.3	2544.8	2710.8	2919.4	3093.6	3154.4	3182.3	3455.0	3678.4	*4409.5*	4370.1
52.5°	2576.1	2594.1	2756.8	2978.6	3174.1	3256.2	3356.4	3693.2	3819.7	*4654.3*	4549.2
55°	*2443.0*	*2469.3*	*2750.2*	*3004.9*	*3243.1*	*3381.1*	*3578.2*	*3888.7*	*3836.2*	*4764.4*	*4572.2*
57.5°	2293.5	2298.4	2576.1	2996.6	3320.3	3512.5	3781.9	3903.5	3683.4	*4564.0*	4338.9
60°	2073.3	2102.9	2387.1	2889.9	3333.4	3617.7	3920.0	3724.4	3404.1	*4192.7*	3854.2
62.5°	1455.6	1501.6	1872.9	2608.9	3239.8	3675.2	3897.0	3412.3	3054.1	*3619.3*	3239.8
65°	814.9	854.3	1158.2	2104.6	2981.9	3662.0	3660.4	2995.0	2492.3	*2615.5*	2316.5
67.5°	446.9	478.1	601.3	1583.8	2365.8	3381.1	3162.6	2285.3	1670.8	*1661.0*	1445.7
70°	312.2	313.8	379.5	1069.5	1700.4	2359.2	2472.6	1532.8	1036.7	*916.7*	773.8
72.5°	152.8	154.4	188.9	504.4	1040.0	1307.7	1695.5	796.8	581.6	*455.1*	387.7
75°	77.2	75.6	103.5	188.9	430.4	637.4	747.5	399.2	338.4	*249.7*	221.8
77.5°	49.3	50.9	60.8	103.5	193.9	248.1	230.0	216.9	198.8	*146.2*	126.5
80°	32.9	32.9	41.1	65.7	95.3	118.3	70.6	100.2	116.6	*85.4*	73.9
82.5°	9.9	9.9	24.6	36.1	46.0	47.6	31.2	46.0	65.7	*47.6*	36.1
85°	6.6	6.6	13.1	18.1	19.7	16.4	9.9	19.7	31.2	*21.4*	18.1
87.5°	0.0	0.0	0.0	1.6	1.6	1.6	1.6	1.6	1.6	*1.6*	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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REPORT NUMBER: P1502265
CATALOG NUMBER: GSS-SB2A-827-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2	790.2
2.5°	791.9	793.5	798.4	800.1	803.4	805.0	805.0	805.0	803.4	805.0	808.3
5°	805.0	813.2	819.8	818.2	818.2	809.9	803.4	790.2	783.7	782.0	783.7
7.5°	837.9	844.4	851.0	841.2	816.5	778.7	737.7	704.8	676.9	663.7	668.7
10°	897.0	905.2	905.2	859.2	790.2	701.5	627.6	566.8	520.8	496.2	507.7
12.5°	982.5	989.0	972.6	875.7	744.2	598.0	474.8	372.9	313.8	284.2	277.6
15°	1081.0	1090.9	1035.0	872.4	671.9	446.9	295.7	221.8	200.4	193.9	195.5
17.5°	1207.5	1212.5	1104.0	846.1	547.1	292.4	210.3	188.9	184.0	180.7	180.7
20°	1363.6	1348.8	1159.9	801.7	399.2	230.0	193.9	177.4	172.5	170.9	172.5
22.5°	1531.2	1508.2	1205.9	717.9	302.3	216.9	185.6	167.6	161.0	159.4	159.4
25°	1707.0	1654.4	1242.0	594.7	282.6	213.6	175.8	152.8	146.2	142.9	142.9
27.5°	1907.4	1817.0	1261.7	497.8	287.5	208.6	164.3	139.6	129.8	126.5	126.5
30°	2129.2	1997.8	1263.4	478.1	297.4	202.1	152.8	124.9	115.0	110.1	111.7
32.5°	2398.6	2181.8	1258.5	509.3	303.9	197.1	139.6	110.1	101.9	96.9	96.9
35°	2677.9	2405.2	1238.7	568.4	307.2	182.4	123.2	96.9	87.1	85.4	87.1
37.5°	2955.6	2617.1	1210.8	601.3	290.8	149.5	100.2	83.8	77.2	77.2	77.2
40°	3208.6	2801.1	1173.0	573.4	231.6	108.4	82.1	72.3	69.0	67.4	69.0
42.5°	3397.5	2965.4	1104.0	483.0	164.3	87.1	72.3	64.1	60.8	60.8	62.4
45°	3604.5	3123.1	971.0	354.9	124.9	75.6	62.4	55.9	54.2	54.2	55.9
47.5°	3813.2	3249.6	842.8	236.6	108.4	67.4	55.9	50.9	49.3	47.6	49.3
50°	3972.5	3310.4	675.2	172.5	98.6	60.8	50.9	47.6	44.4	42.7	42.7
52.5°	4085.9	3294.0	494.5	147.9	90.4	55.9	47.6	44.4	39.4	39.4	39.4
55°	*4016.9*	*3083.7*	*356.5*	*133.1*	*83.8*	*52.6*	*46.0*	*41.1*	*37.8*	*36.1*	*36.1*
57.5°	3681.7	2628.6	257.9	119.9	73.9	49.3	44.4	39.4	34.5	32.9	32.9
60°	3200.4	2047.0	192.2	105.1	64.1	47.6	39.4	37.8	32.9	29.6	29.6
62.5°	2615.5	1490.1	149.5	90.4	57.5	41.1	37.8	34.5	29.6	26.3	24.6
65°	1815.4	951.2	115.0	73.9	54.2	36.1	34.5	29.6	24.6	19.7	19.7
67.5°	1120.5	565.2	88.7	57.5	42.7	31.2	29.6	26.3	21.4	16.4	16.4
70°	619.4	299.0	60.8	42.7	32.9	24.6	23.0	23.0	18.1	14.8	13.1
72.5°	297.4	162.6	41.1	36.1	24.6	16.4	18.1	18.1	14.8	11.5	11.5
75°	179.1	96.9	27.9	27.9	16.4	13.1	13.1	14.8	11.5	8.2	8.2
77.5°	101.9	57.5	16.4	21.4	11.5	8.2	9.9	8.2	6.6	4.9	4.9
80°	57.5	32.9	9.9	14.8	6.6	4.9	4.9	3.3	3.3	1.6	1.6
82.5°	27.9	18.1	4.9	4.9	3.3	1.6	1.6	1.6	1.6	0.0	0.0
85°	13.1	3.3	1.6	1.6	1.6	1.6	1.6	1.6	1.6	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

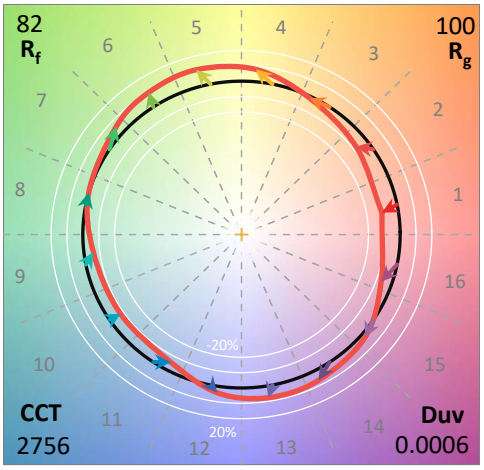
Test Information

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

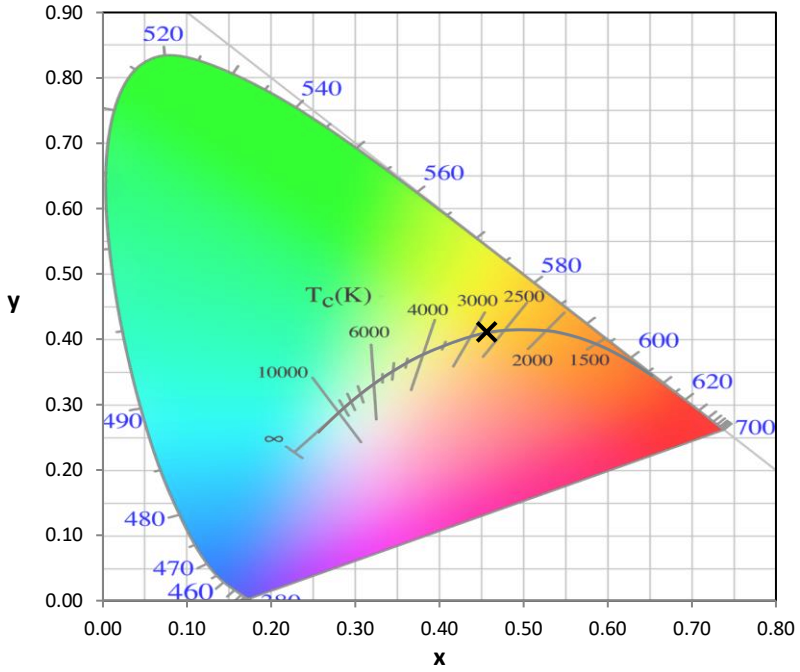
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

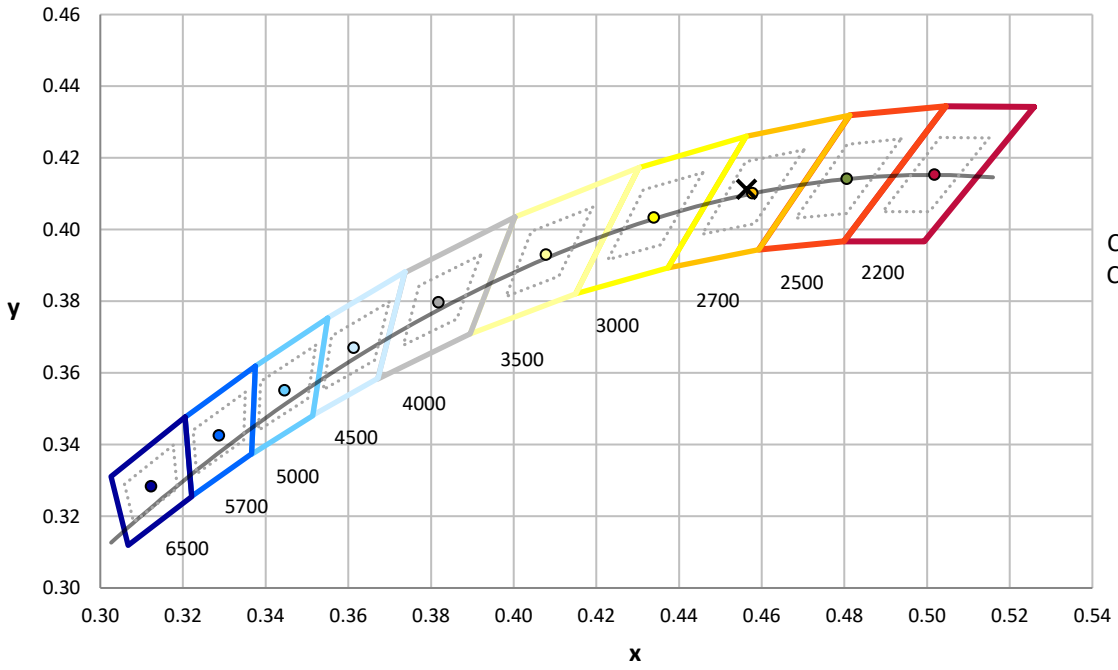
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

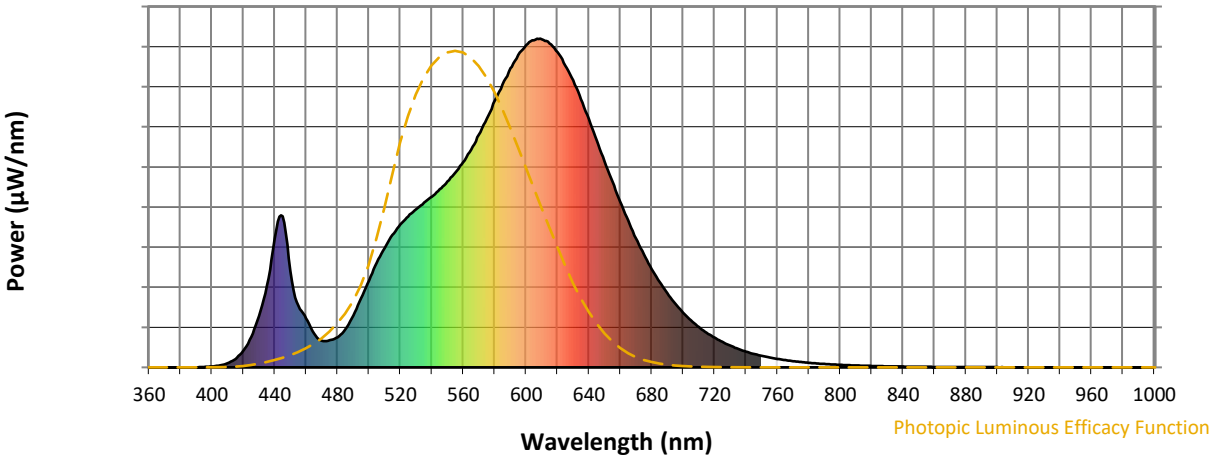


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

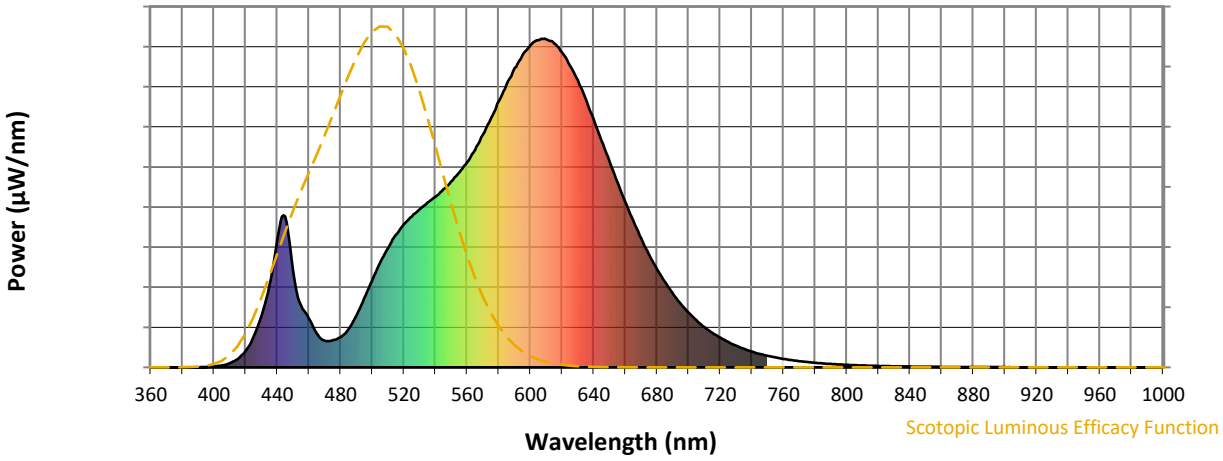


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

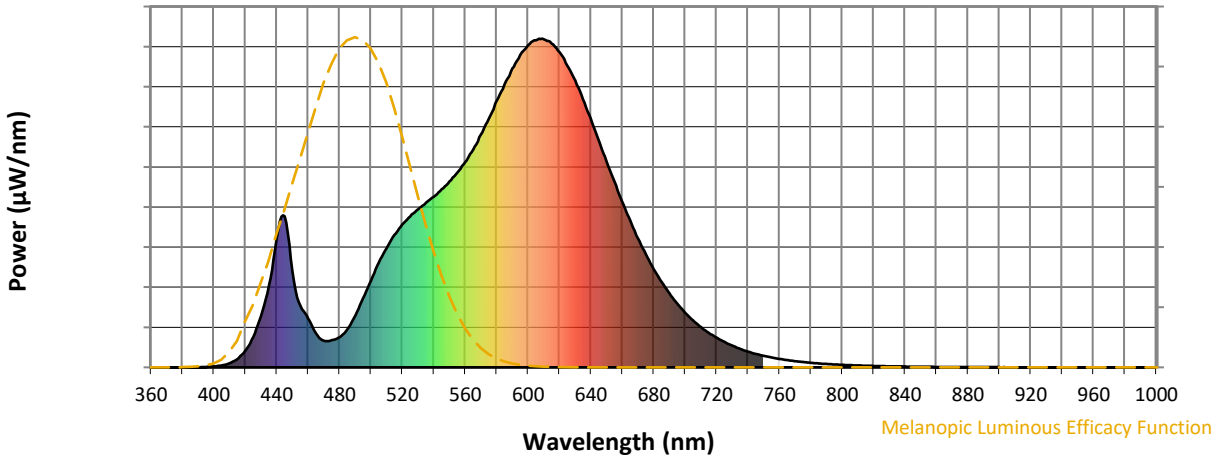


Scotopic Lumens: NR **S/P: 1.2**

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			

REPORT NUMBER: SP1-2407-184-8

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			

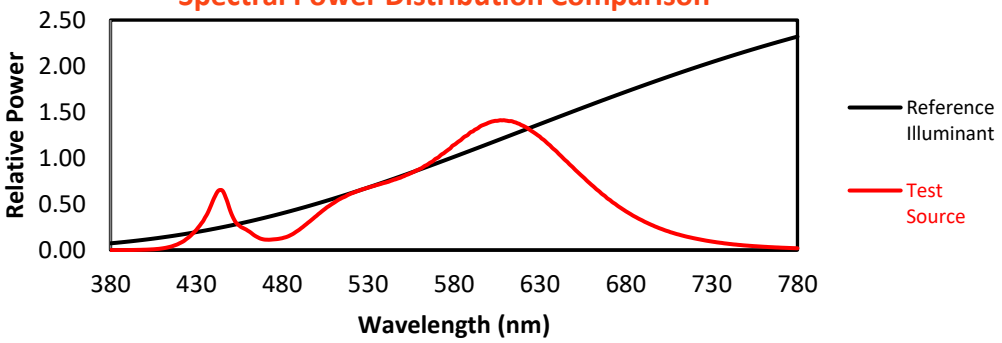
REPORT NUMBER: SP1-2407-184-8

TM-30-18

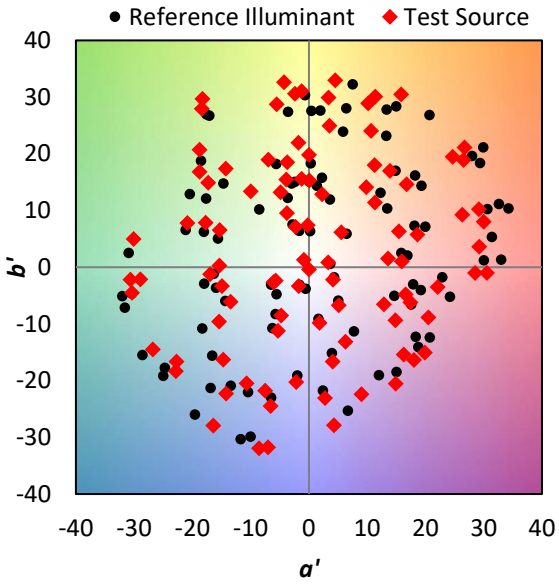
Summary

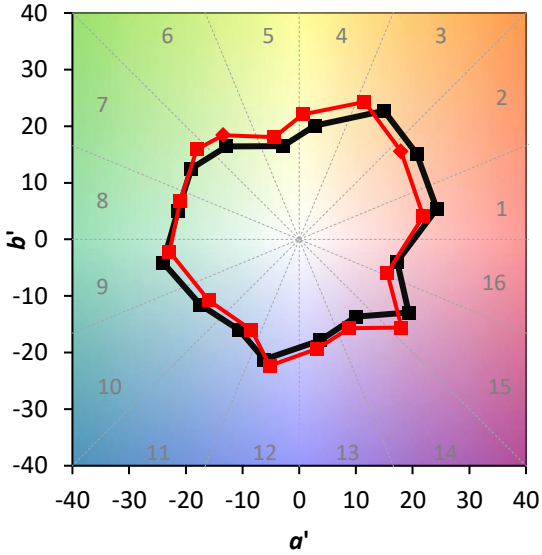
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R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

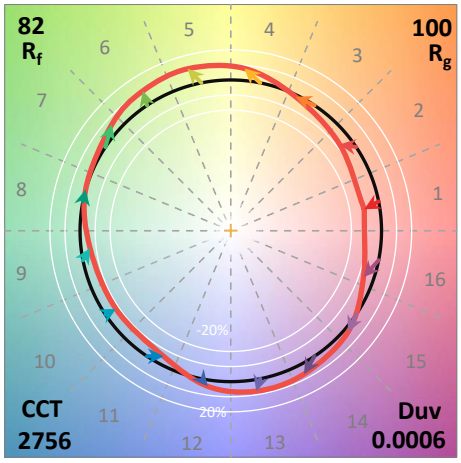
Spectral Power Distribution Comparison

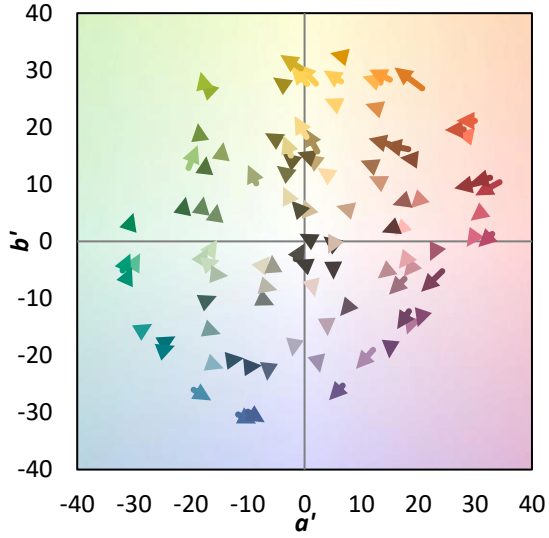


Color Vector Graphics







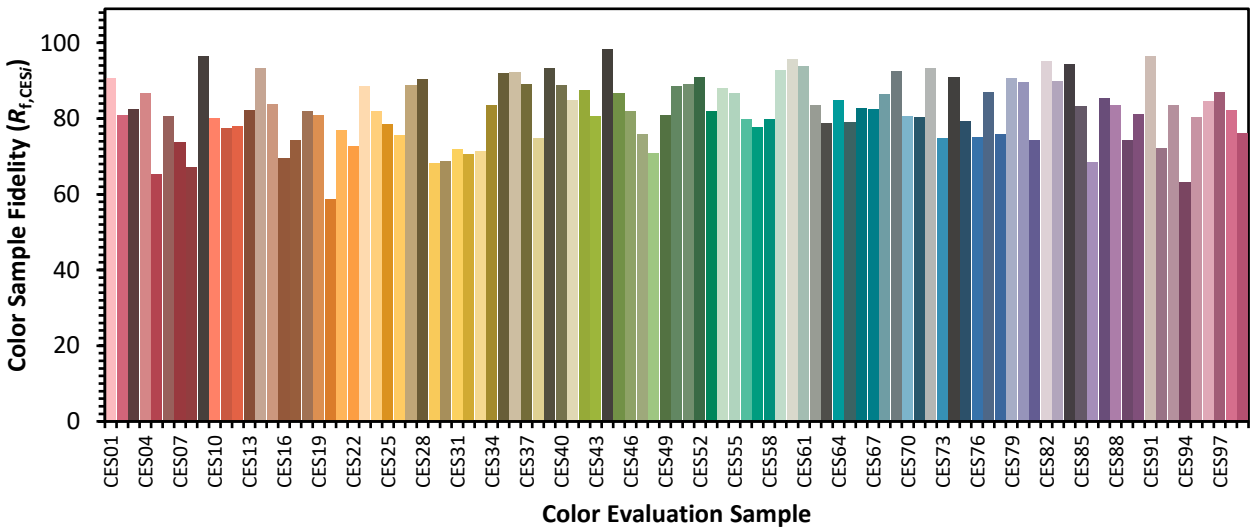


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

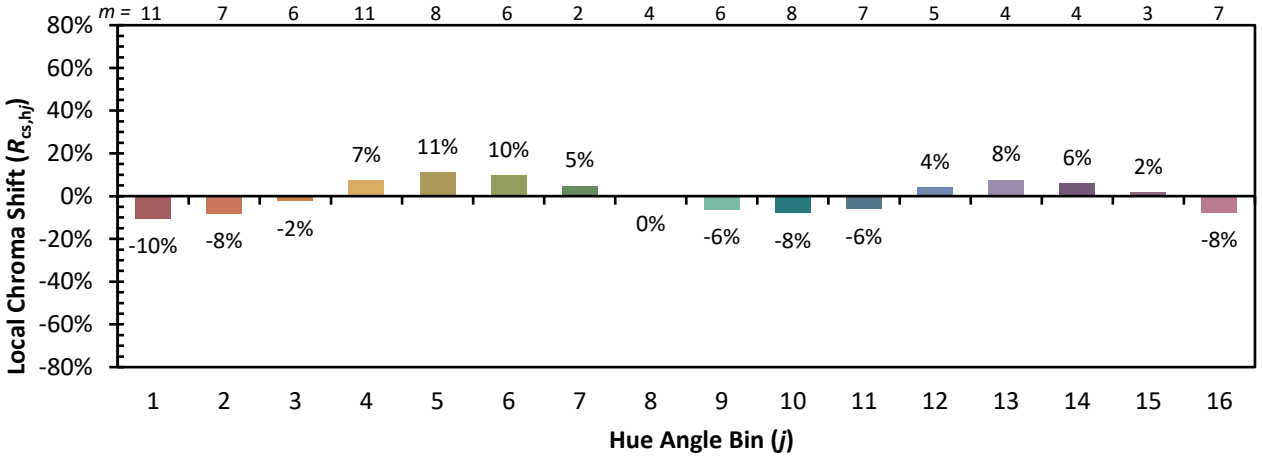
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CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 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	

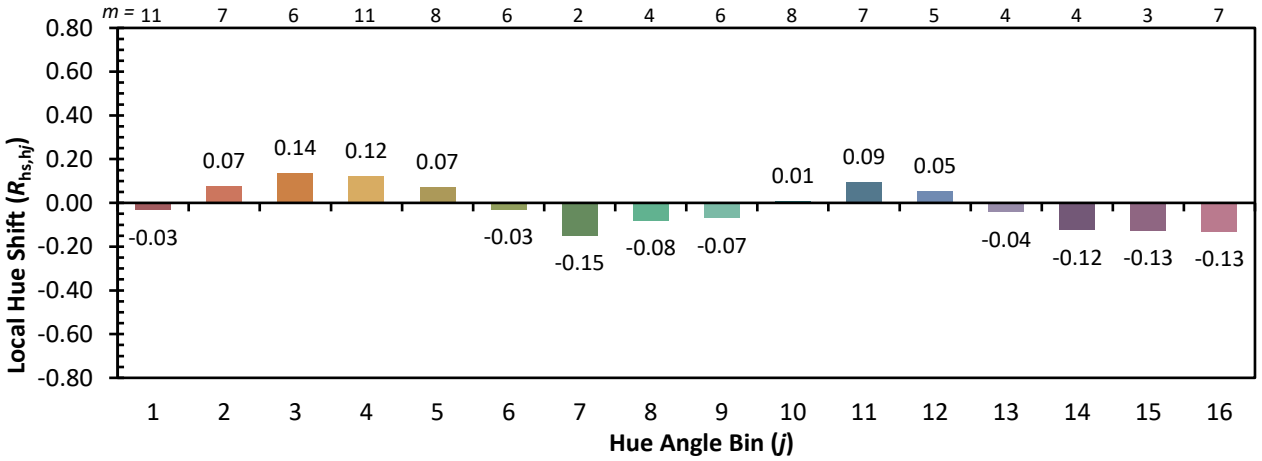


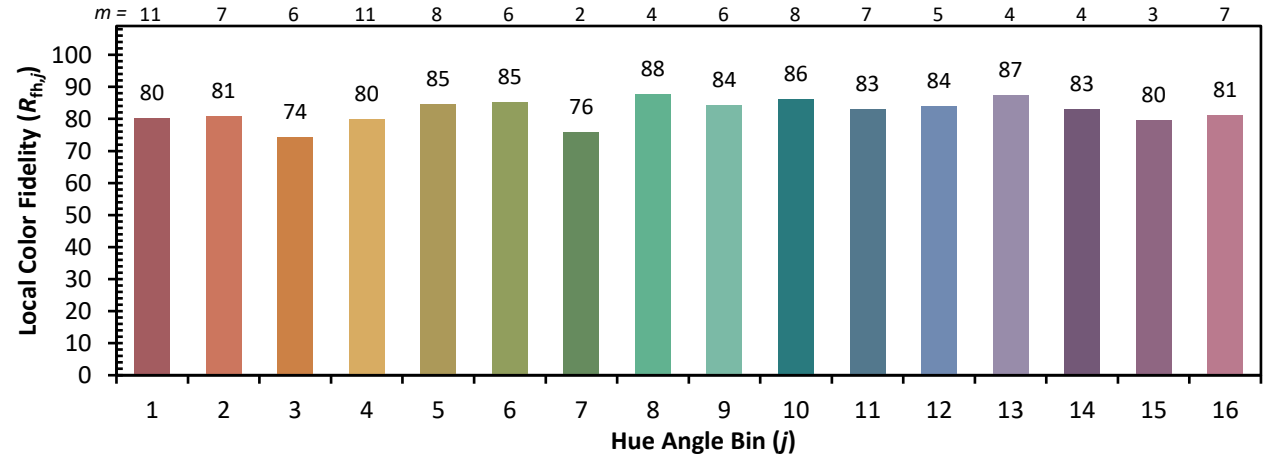
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



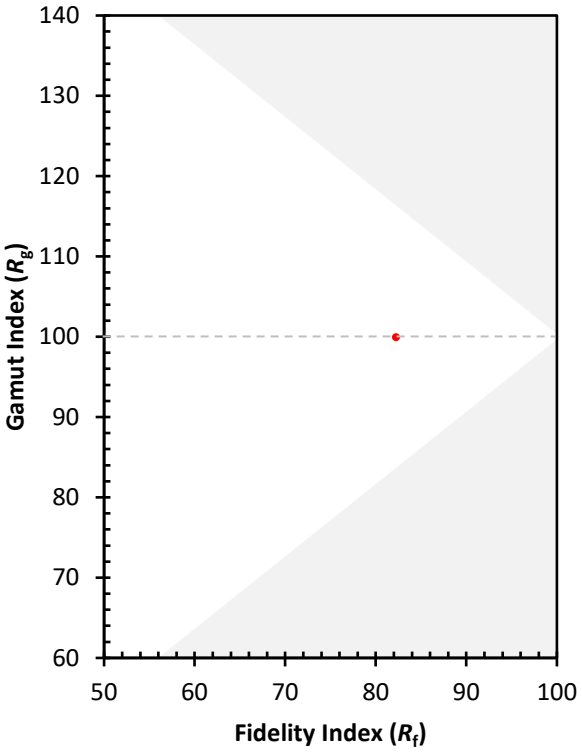


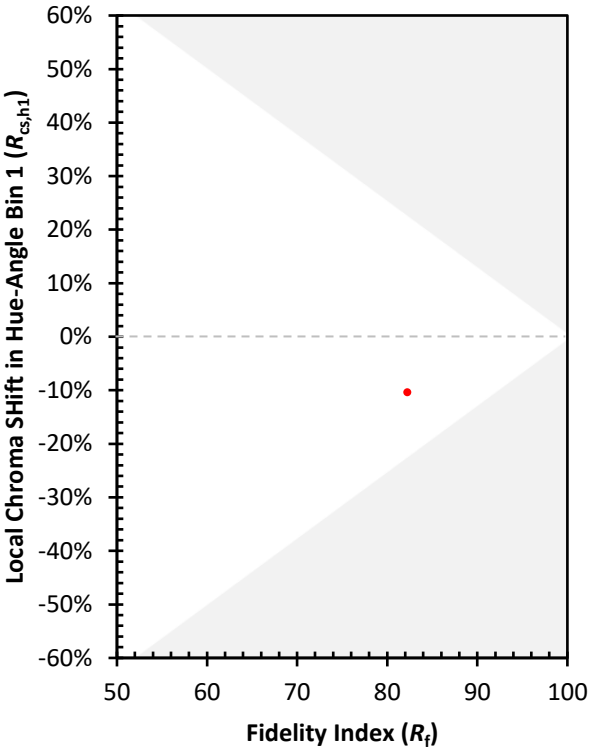


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





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