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: P1500739

Luminaire Tested: GSS-SB4C-827-U-T4LG

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:	P1500739
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4C-827-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 204W 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25227.3 lumens
Efficiency:	N/A
Efficacy:	123.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

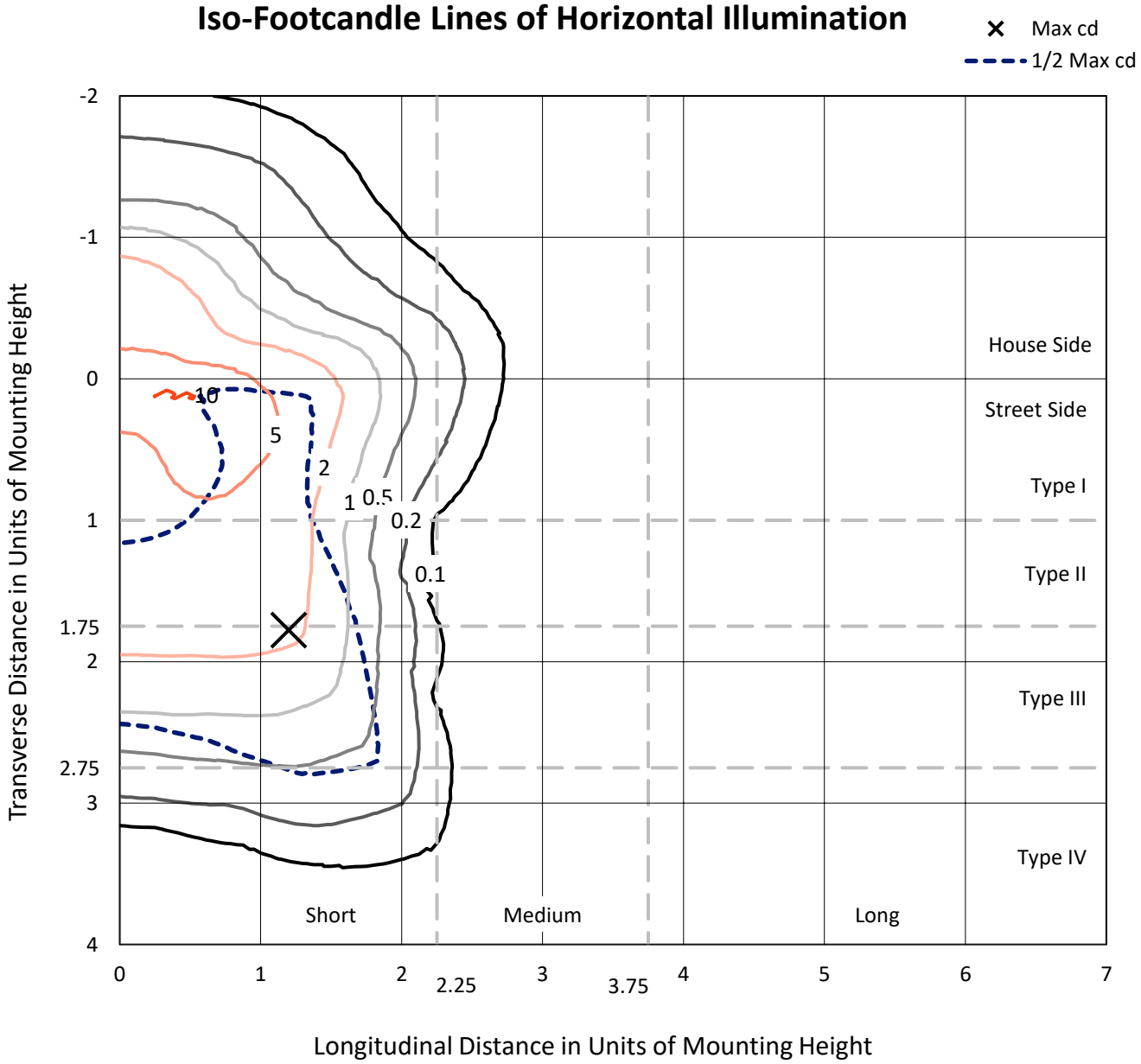
Input Watts (W):	204
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	9.5%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500739
CATALOG NUMBER: GSS-SB4C-827-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



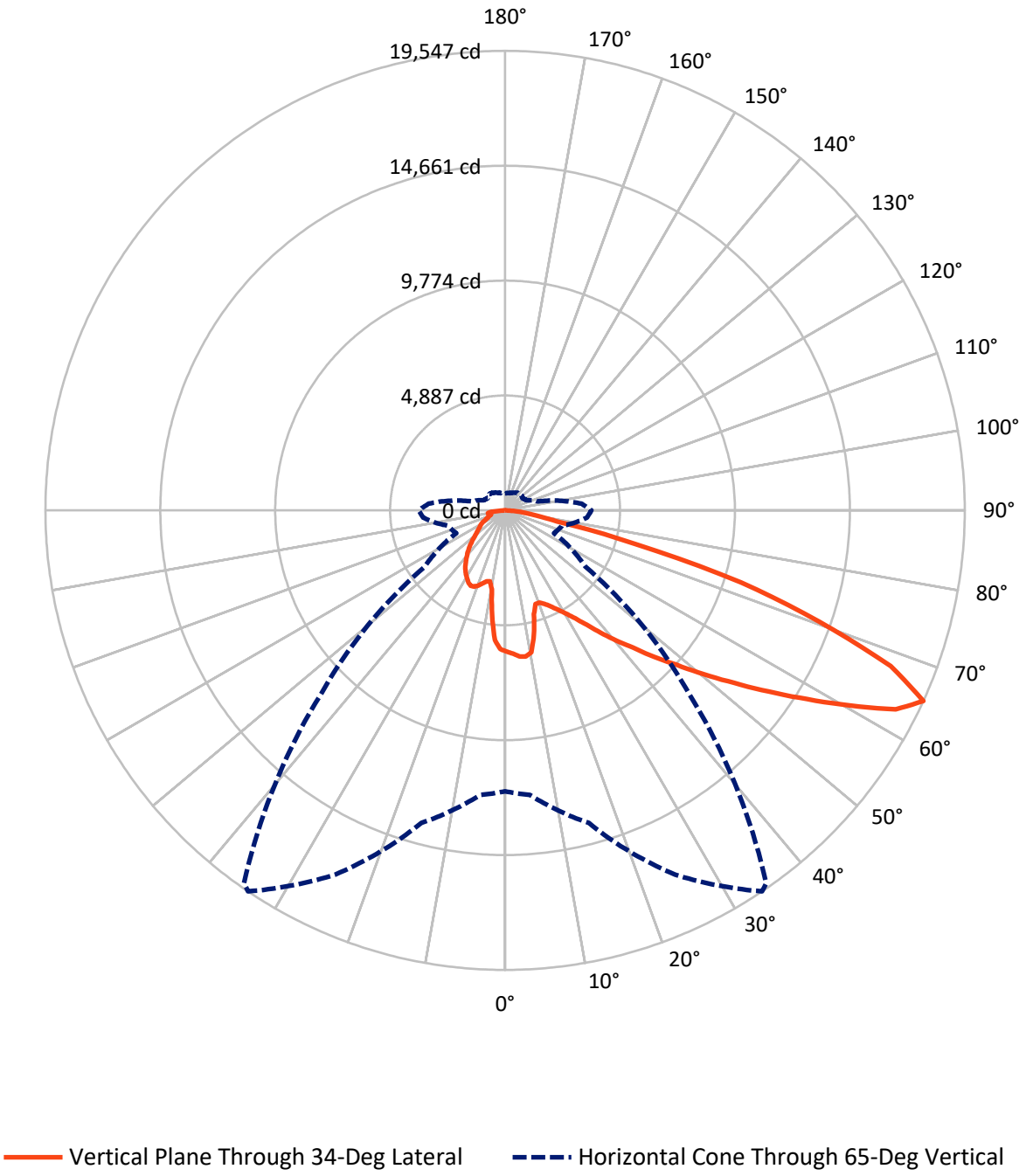
Based on 25 foot mounting height. Maximum calculated value = 10.2 fc
Type III - Short - N/A

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REPORT NUMBER: P1500739
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Luminous Intensity Polar Plot



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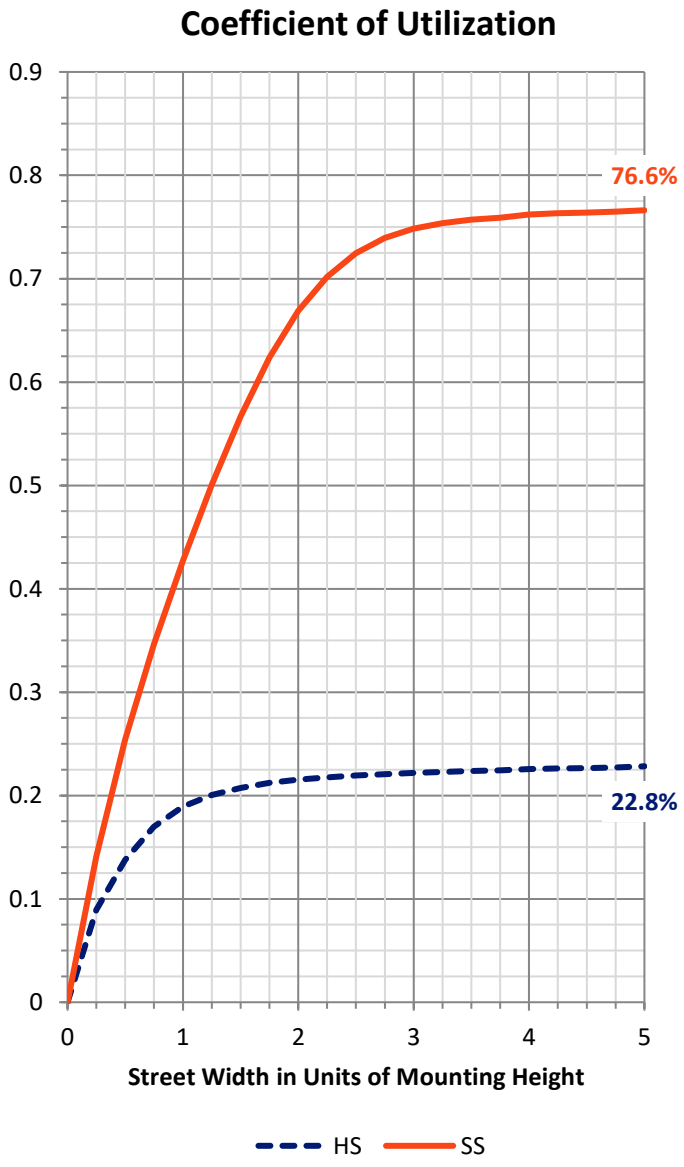
REPORT NUMBER: P1500739
CATALOG NUMBER: GSS-SB4C-827-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5869.3	0.0	5869.3
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	19358.0	0.0	19358.0
	% Fixture	76.7	0.0	76.7
Total	Lumens	25227.3	0.0	25227.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	540.7	2.1
10°-20°	1360.9	5.4
20°-30°	2255.9	8.9
30°-40°	3392.7	13.4
40°-50°	4753.1	18.8
50°-60°	5992.8	23.8
60°-70°	5154.3	20.4
70°-80°	1532.4	6.1
80°-90°	244.5	1.0
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°	25227.3	100.0
0°-180°	25227.3	100.0



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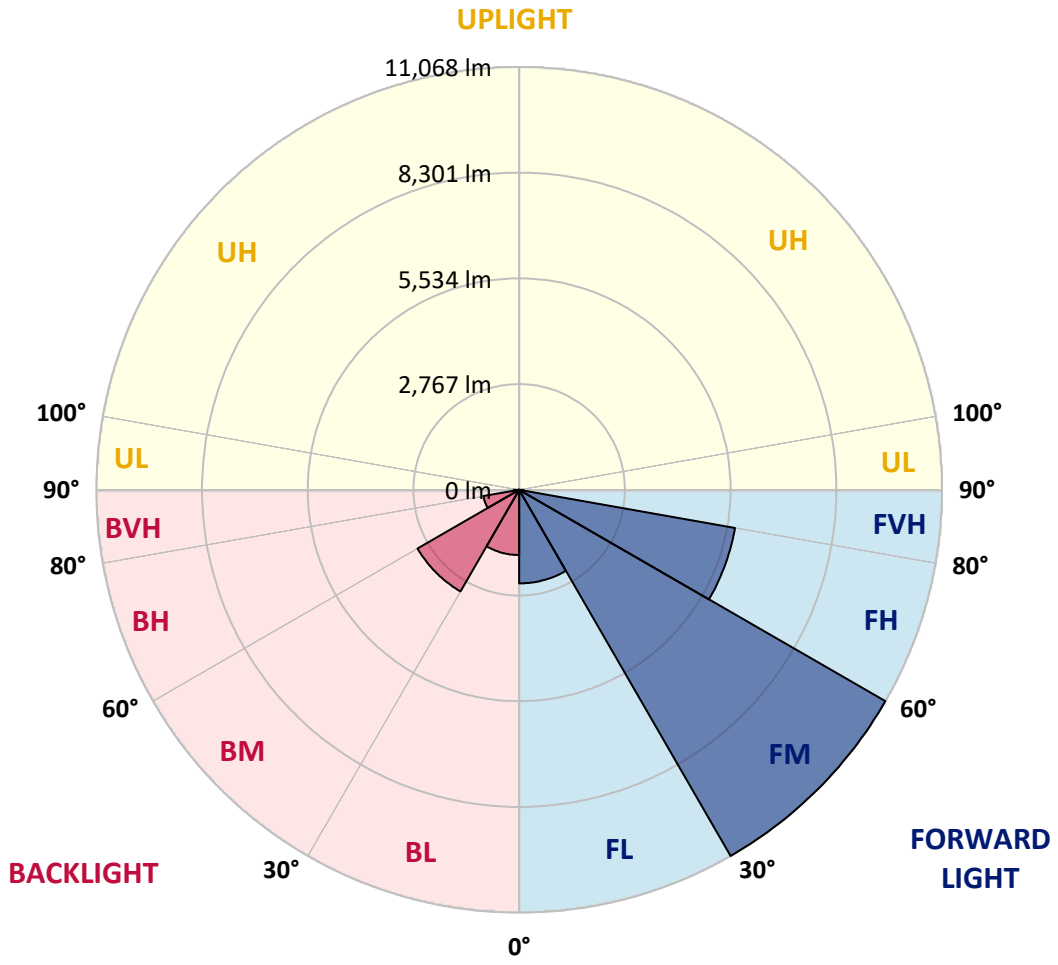
Scaled Data Report

REPORT NUMBER: P1500739
CATALOG NUMBER: GSS-SB4C-827-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2449.8	9.7			
FM	(30°-60°)	11068.0	43.9			
FH	(60°-80°)	5736.8	22.7			G3/7500
FVH	(80°-90°)	103.4	0.4			G2/225
BL	(0°-30°)	1707.7	6.8	B3/2500		
BM	(30°-60°)	3070.6	12.2	B3/5000		
BH	(60°-80°)	949.9	3.8	B2/1000		G2/1000
BVH	(80°-90°)	141.0	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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REPORT NUMBER: P1500739
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	34°	35°	45°	55°	65°	75°	85°
0°	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9
2.5°	6112.1	6146.4	6106.4	6089.3	6095.0	6100.7	6072.2	6077.9	6043.6	6043.6	6015.0
5°	6243.5	6249.2	6226.4	6243.5	6237.8	6232.1	6232.1	6226.4	6152.1	6135.0	6106.4
7.5°	6169.3	6192.1	6203.5	6266.4	6283.5	6317.8	6340.6	6352.1	6294.9	6249.2	6175.0
10°	5489.5	5506.6	5638.0	5923.6	6140.7	6180.7	6392.0	6512.0	6472.0	6449.2	6323.5
12.5°	4387.0	4415.6	4564.1	4935.4	5443.8	5552.3	6226.4	6632.0	6723.4	6729.1	6546.3
15°	3912.9	3912.9	3958.6	4170.0	4581.3	4666.9	5660.9	6666.2	6991.8	7031.8	6809.0
17.5°	3815.8	3810.1	3838.7	3964.3	4181.4	4232.8	5009.7	6489.2	7311.7	7380.3	7094.7
20°	3810.1	3793.0	3850.1	3992.9	4181.4	4227.1	4706.9	6180.7	7563.1	7780.1	7380.3
22.5°	3815.8	3815.8	3895.8	4101.4	4318.5	4358.5	4764.0	5923.6	7768.7	8197.1	7683.0
25°	3878.6	3867.2	3981.5	4232.8	4529.8	4558.4	4998.2	5912.2	7945.8	8665.5	8048.6
27.5°	3981.5	3987.2	4141.4	4444.2	4781.2	4838.3	5323.8	6157.8	8162.9	9179.6	8402.8
30°	4198.5	4204.2	4387.0	4695.5	5083.9	5158.2	5700.9	6523.4	8471.3	9733.7	8785.5
32.5°	4444.2	4472.7	4695.5	5055.4	5472.4	5512.4	6163.6	7071.8	8934.0	10287.8	9196.8
35°	4855.4	4884.0	5135.3	5512.4	5975.0	6032.2	6729.1	7705.9	9499.5	10847.6	9516.7
37.5°	5386.7	5409.5	5655.2	6112.1	6603.4	6660.5	7357.4	8379.9	10070.8	11293.2	9802.3
40°	6020.7	6072.2	6334.9	6780.5	7277.5	7311.7	8042.9	9031.1	10687.7	11601.7	9916.5
42.5°	6711.9	6763.3	7031.8	7523.1	7980.1	8082.9	8785.5	9722.3	11190.4	11738.7	9825.1
45°	7597.3	7585.9	7837.3	8351.4	8888.3	8928.3	9579.5	10293.5	11493.1	11624.5	9733.7
47.5°	8671.2	8682.7	8842.6	9259.6	9813.7	9905.1	10407.8	10784.8	11670.2	11533.1	9630.9
50°	9882.3	9910.8	10047.9	10350.7	10944.7	11007.6	11156.1	11127.5	11778.7	11338.9	9670.9
52.5°	11093.3	11110.4	11293.2	11613.1	12190.0	12235.7	11910.1	11390.3	11373.2	10556.3	9585.2
55°	12087.2	12081.5	12407.1	12898.3	13600.9	13572.4	12652.7	11190.4	10105.0	9339.6	9202.5
57.5°	12949.7	12984.0	13406.7	14257.9	15143.3	15120.4	13446.7	10133.6	8254.3	7900.1	8579.9
60°	13726.6	13806.6	14600.6	15874.4	16851.2	16714.1	13589.5	8539.9	6420.6	6186.4	7346.0
62.5°	13389.6	13538.1	14812.0	17296.8	18639.2	18336.4	12709.8	6614.8	4347.0	4135.7	5192.5
65°	11950.1	12150.0	13766.6	17091.2	19547.4	19358.9	11110.4	4158.5	2290.6	2513.4	3495.9
67.5°	10036.5	10276.4	12024.4	15354.6	17685.2	17279.7	8631.3	2187.8	1068.2	1656.6	2170.7
70°	5500.9	6095.0	8694.1	13058.3	14166.5	13600.9	4992.5	1033.9	776.9	1033.9	1296.7
72.5°	2067.8	2210.7	3770.1	8779.8	10493.5	9796.6	1896.5	668.3	651.2	765.4	936.8
75°	993.9	1062.5	1639.4	3992.9	5729.4	5341.0	931.1	497.0	559.8	599.8	679.8
77.5°	594.1	639.8	1022.5	2319.2	2256.4	2073.6	571.2	382.7	451.3	428.4	399.9
80°	354.2	394.1	622.6	1319.5	1359.5	1205.3	348.4	268.5	314.2	274.2	245.6
82.5°	205.6	222.8	325.6	594.1	862.6	794.0	199.9	159.9	228.5	182.8	137.1
85°	102.8	108.5	148.5	257.1	428.4	325.6	85.7	74.3	108.5	80.0	45.7
87.5°	22.8	22.8	22.8	28.6	40.0	40.0	11.4	5.7	5.7	5.7	5.7
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: P1500739
CATALOG NUMBER: GSS-SB4C-827-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9	5997.9
2.5°	6009.3	6020.7	5980.8	5935.1	5923.6	5889.4	5900.8	5877.9	5843.7	5849.4	5855.1
5°	6066.4	6043.6	5963.6	5860.8	5769.4	5666.6	5546.6	5409.5	5312.4	5272.4	5306.7
7.5°	6117.9	6095.0	5957.9	5729.4	5421.0	4992.5	4547.0	4141.4	3861.5	3758.7	3781.5
10°	6260.7	6169.3	5917.9	5421.0	4684.1	3872.9	3421.7	3170.3	3084.6	3038.9	3044.6
12.5°	6449.2	6323.5	5843.7	4884.0	3770.1	3256.0	3096.1	3038.9	3010.4	2998.9	3010.4
15°	6677.7	6483.4	5666.6	4210.0	3347.4	3147.5	3113.2	3118.9	3118.9	3124.6	3124.6
17.5°	6877.6	6574.8	5346.7	3724.4	3261.7	3204.6	3238.9	3267.4	3267.4	3273.1	3267.4
20°	7060.4	6620.5	4935.4	3518.8	3278.9	3307.4	3387.4	3415.9	3421.7	3415.9	3415.9
22.5°	7254.6	6649.1	4524.1	3404.5	3318.8	3404.5	3490.2	3530.2	3541.6	3547.3	3553.0
25°	7443.1	6592.0	4187.1	3313.1	3301.7	3421.7	3518.8	3570.2	3581.6	3581.6	3587.3
27.5°	7631.6	6574.8	3958.6	3193.2	3221.7	3318.8	3433.1	3501.6	3547.3	3553.0	3558.8
30°	7848.7	6523.4	3741.5	3033.2	3044.6	3164.6	3284.6	3404.5	3495.9	3535.9	3535.9
32.5°	7997.2	6472.0	3547.3	2861.9	2861.9	2987.5	3136.0	3284.6	3415.9	3495.9	3513.1
35°	8140.0	6426.3	3376.0	2690.5	2696.2	2816.2	2970.4	3130.3	3296.0	3393.1	3438.8
37.5°	8214.3	6380.6	3256.0	2559.1	2536.3	2661.9	2764.7	2896.1	3073.2	3233.2	3273.1
40°	8231.4	6380.6	3244.6	2467.7	2370.6	2513.4	2559.1	2650.5	2810.4	2981.8	3044.6
42.5°	8117.2	6317.8	3301.7	2410.6	2199.2	2302.1	2353.5	2399.2	2502.0	2644.8	2696.2
45°	7980.1	6232.1	3353.1	2330.6	1987.9	2067.8	2147.8	2153.5	2199.2	2233.5	2267.8
47.5°	7865.8	6140.7	3261.7	2182.1	1770.8	1827.9	1913.6	1913.6	1890.8	1822.2	1799.4
50°	7957.2	6169.3	3107.5	1970.7	1570.9	1610.9	1702.3	1650.9	1599.4	1456.6	1439.5
52.5°	8037.2	6277.8	2924.7	1765.1	1399.5	1439.5	1530.9	1450.9	1348.1	1233.9	1216.7
55°	7905.8	6283.5	2587.7	1536.6	1279.6	1313.8	1399.5	1302.4	1205.3	1136.7	1125.3
57.5°	7511.7	6112.1	2233.5	1359.5	1176.7	1211.0	1291.0	1193.9	1102.5	1096.8	1125.3
60°	6643.4	5512.4	1907.9	1245.3	1079.6	1119.6	1199.6	1096.8	976.8	925.4	942.5
62.5°	5015.4	4238.5	1633.7	1113.9	988.2	1039.6	1096.8	931.1	828.3	805.4	782.6
65°	*3667.3*	*3256.0*	*1468.1*	*1011.1*	*902.5*	*965.4*	*919.7*	*828.3*	*759.7*	*736.9*	*725.5*
67.5°	2370.6	2210.7	1262.4	914.0	822.6	874.0	811.1	765.4	691.2	679.8	696.9
70°	1450.9	1502.3	1056.8	805.4	742.6	731.2	742.6	696.9	616.9	634.1	656.9
72.5°	1028.2	1108.2	908.3	702.6	634.1	611.2	662.6	634.1	576.9	594.1	616.9
75°	736.9	822.6	748.3	576.9	537.0	525.5	616.9	634.1	594.1	605.5	622.6
77.5°	434.1	525.5	531.2	445.6	405.6	468.4	656.9	731.2	702.6	668.3	651.2
80°	279.9	314.2	377.0	285.6	285.6	405.6	719.7	891.1	765.4	679.8	668.3
82.5°	142.8	165.7	245.6	182.8	171.4	302.8	708.3	851.1	845.4	754.0	736.9
85°	40.0	51.4	114.2	80.0	68.5	159.9	531.2	639.8	571.2	417.0	422.7
87.5°	5.7	5.7	0.0	0.0	5.7	22.8	62.8	11.4	11.4	11.4	11.4
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

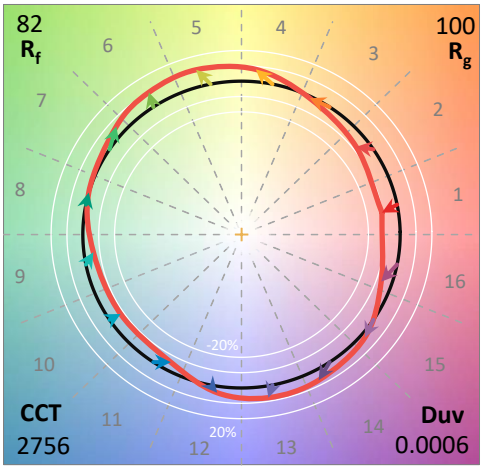
Test Information

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

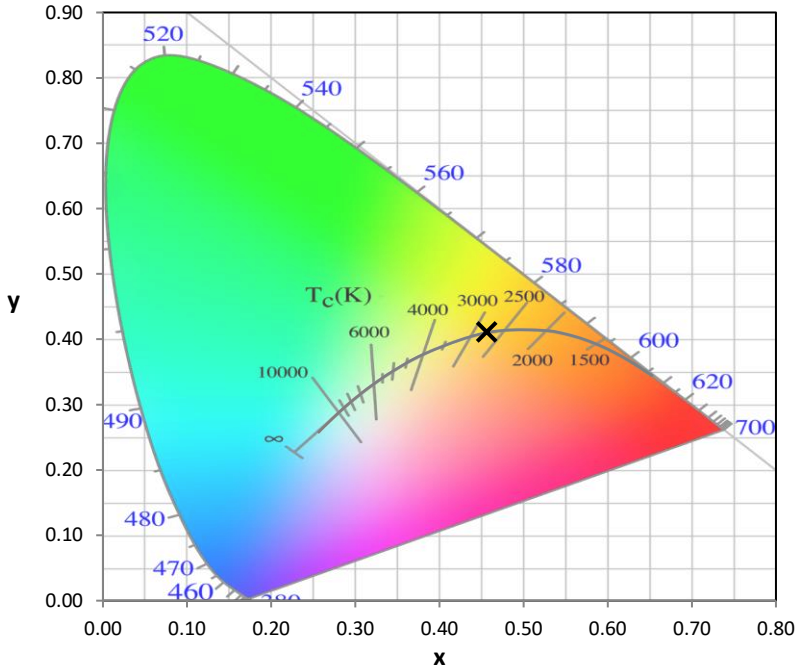
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

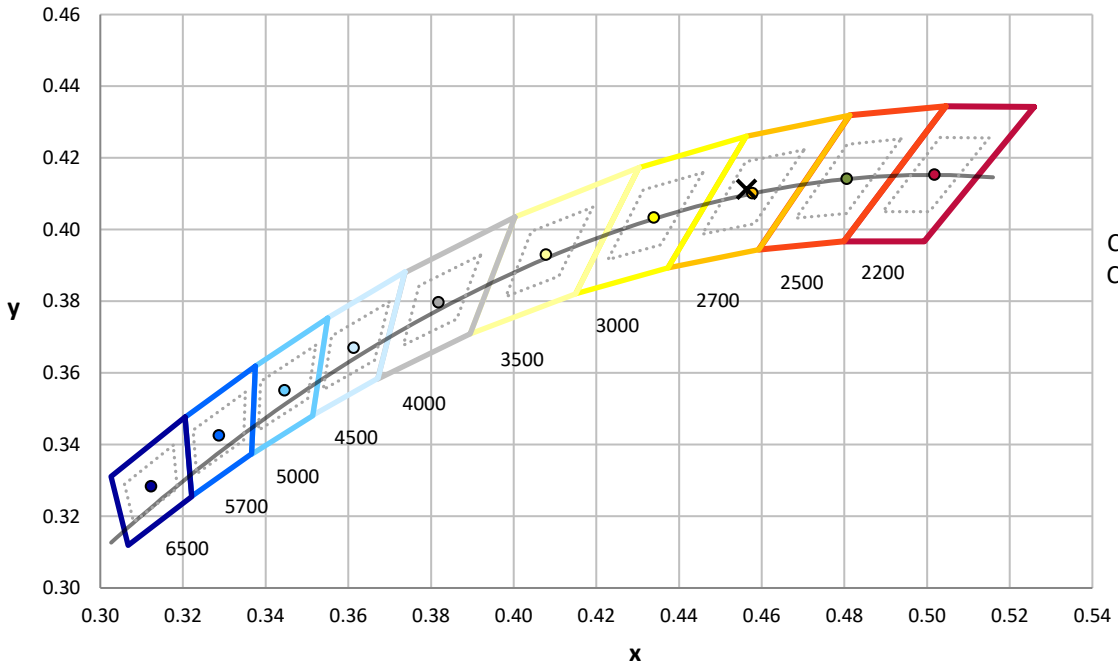
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

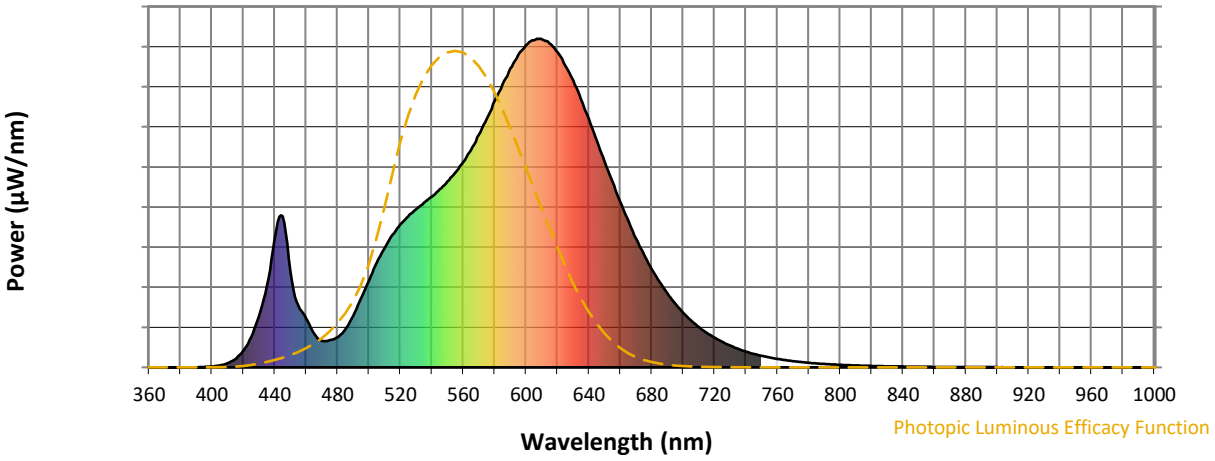


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

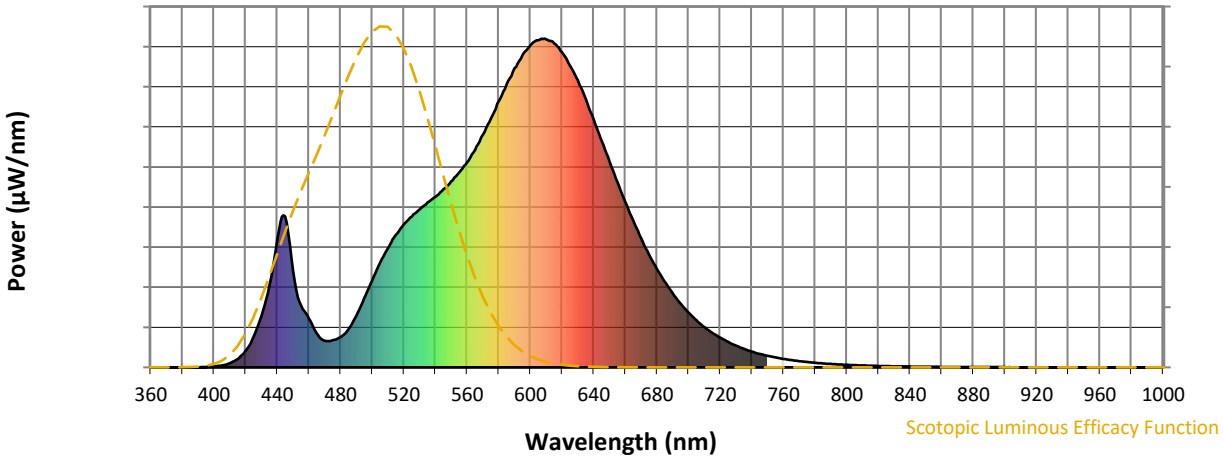


Photopic Lumens: NR

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

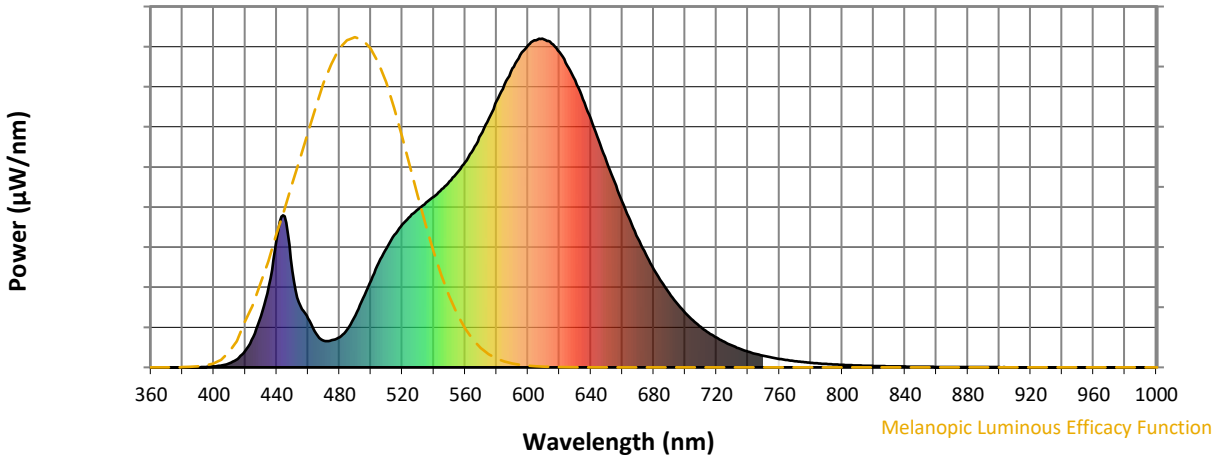


Scotopic Lumens: NR **S/P: 1.2**

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			

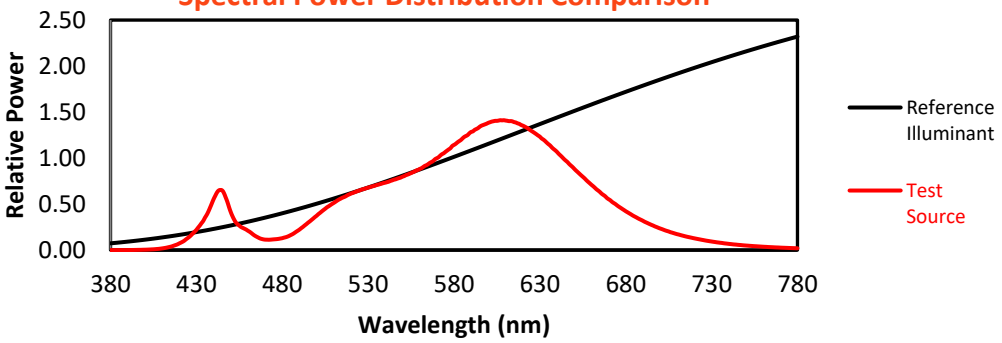
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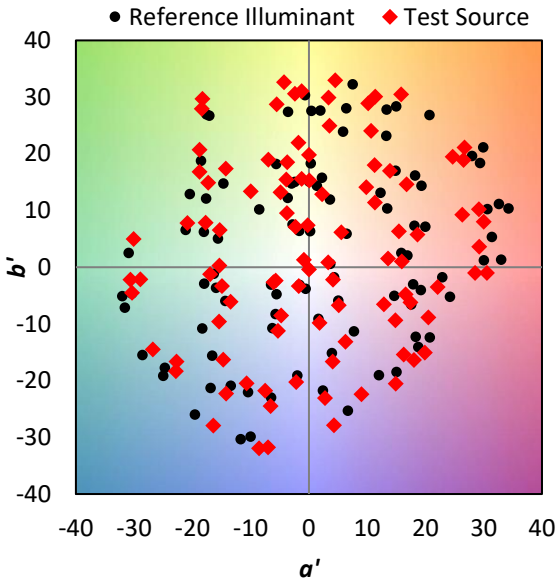
Summary

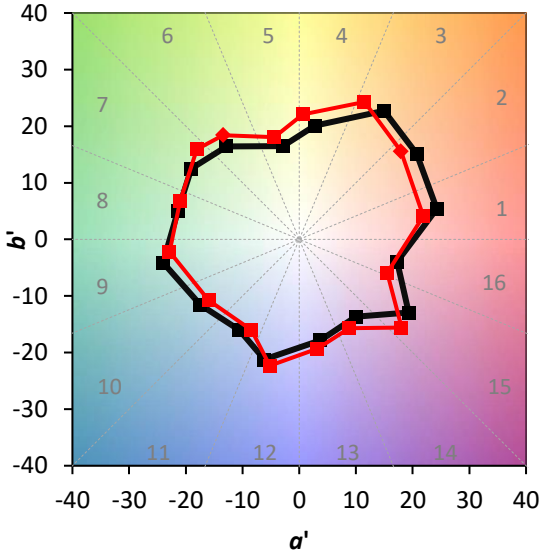
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

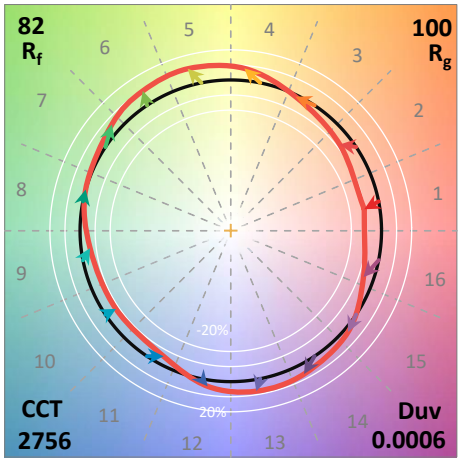
Spectral Power Distribution Comparison

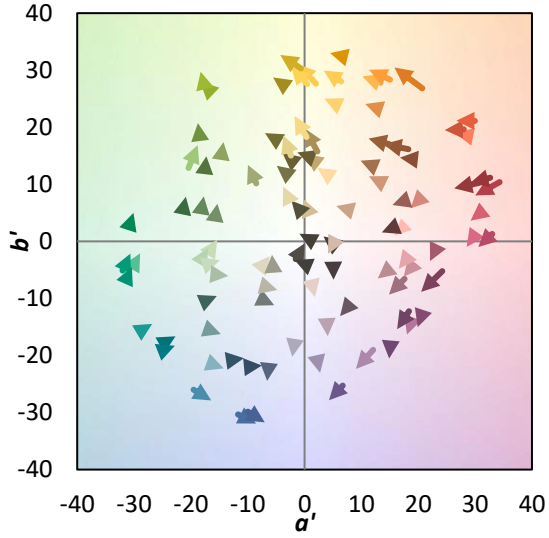


Color Vector Graphics







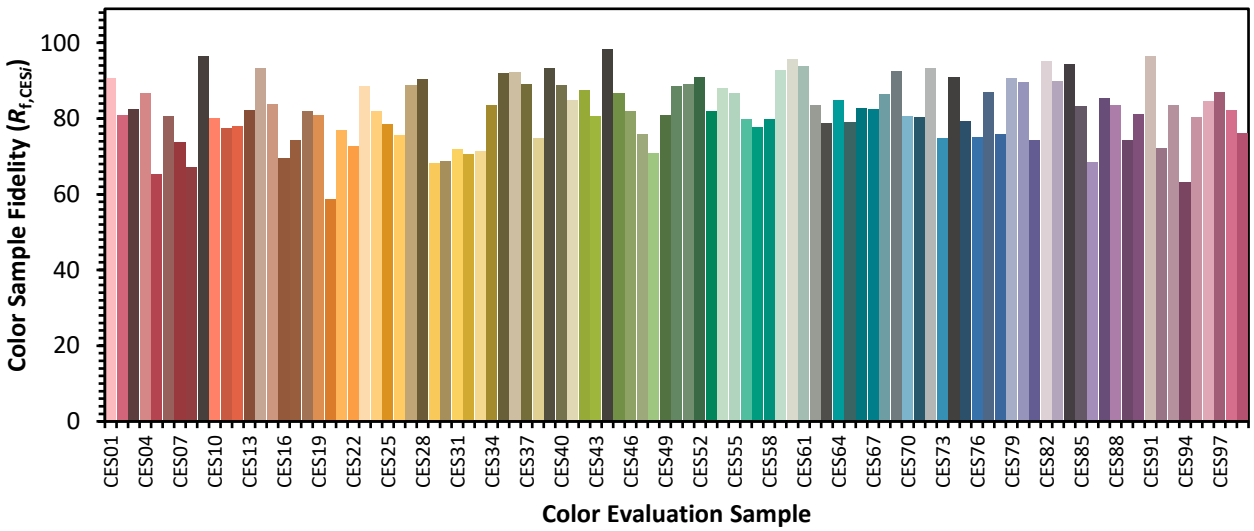


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Individual Sample Fidelity Index ($R_{f,i}$)

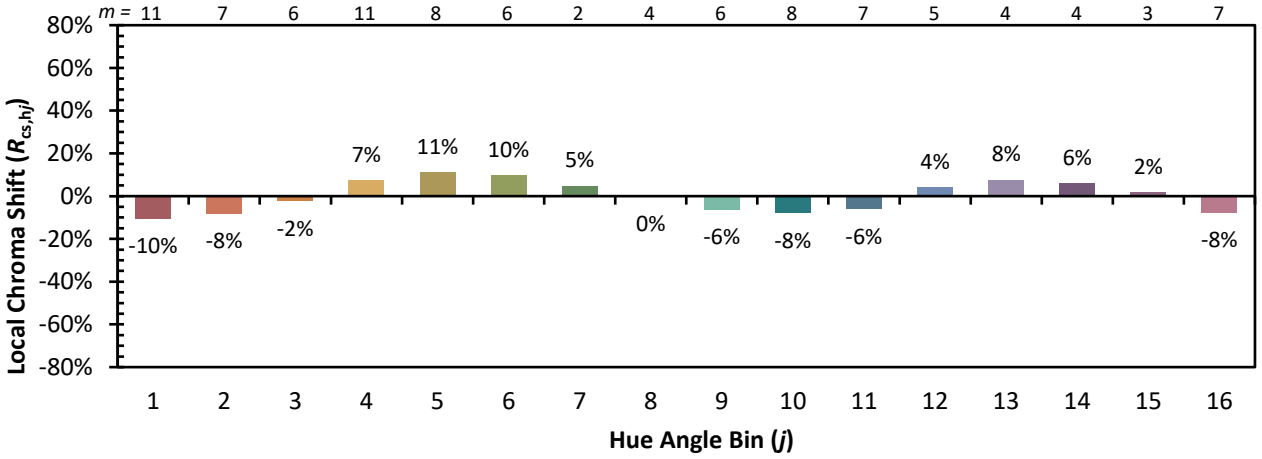
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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	

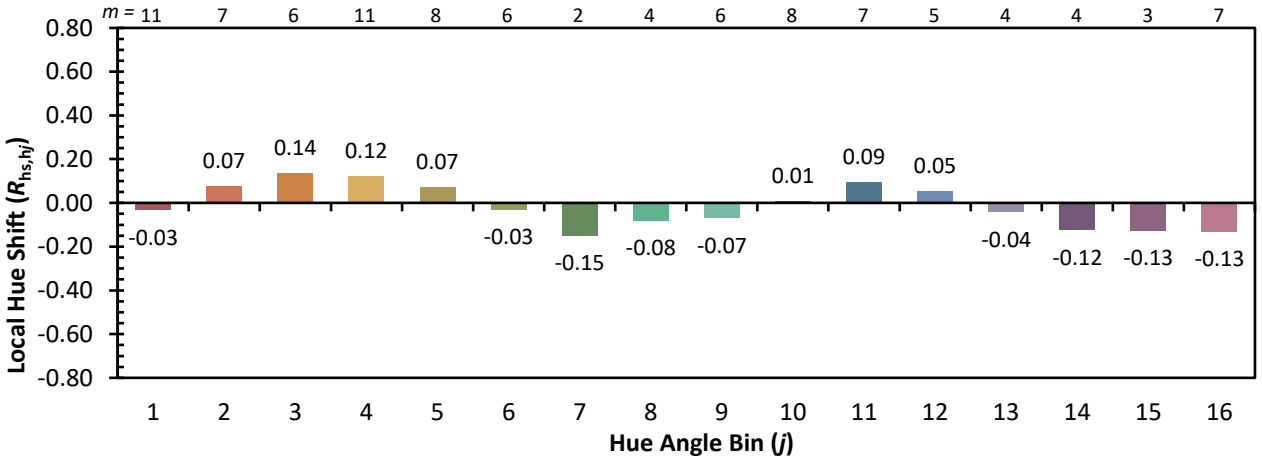


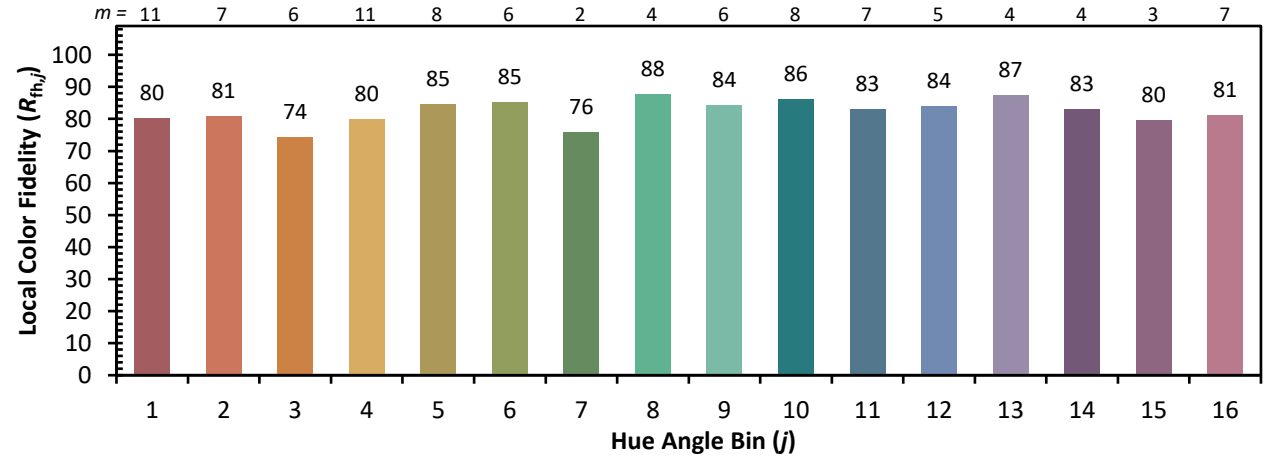
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Color Rendition by Hue-Angle Bin



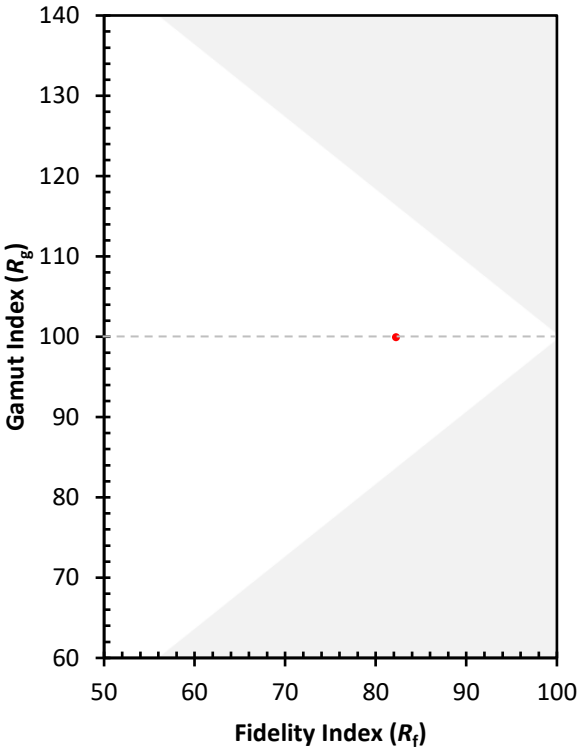


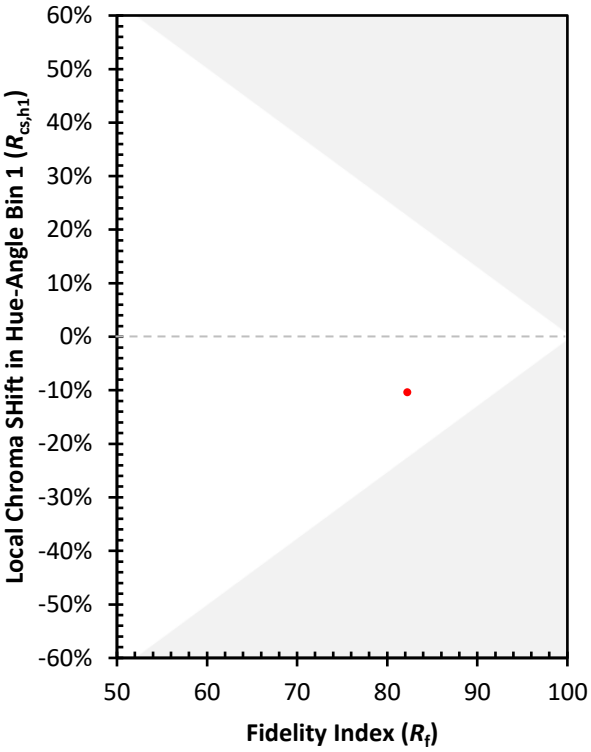


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Measure Comparisons





(END OF REPORT)