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: P1502701

Luminaire Tested: GSS-SB3A-835-U-T4LG-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:	P1502701
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3A-835-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 85W 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9370.3 lumens
Efficiency:	N/A
Efficacy:	110.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2

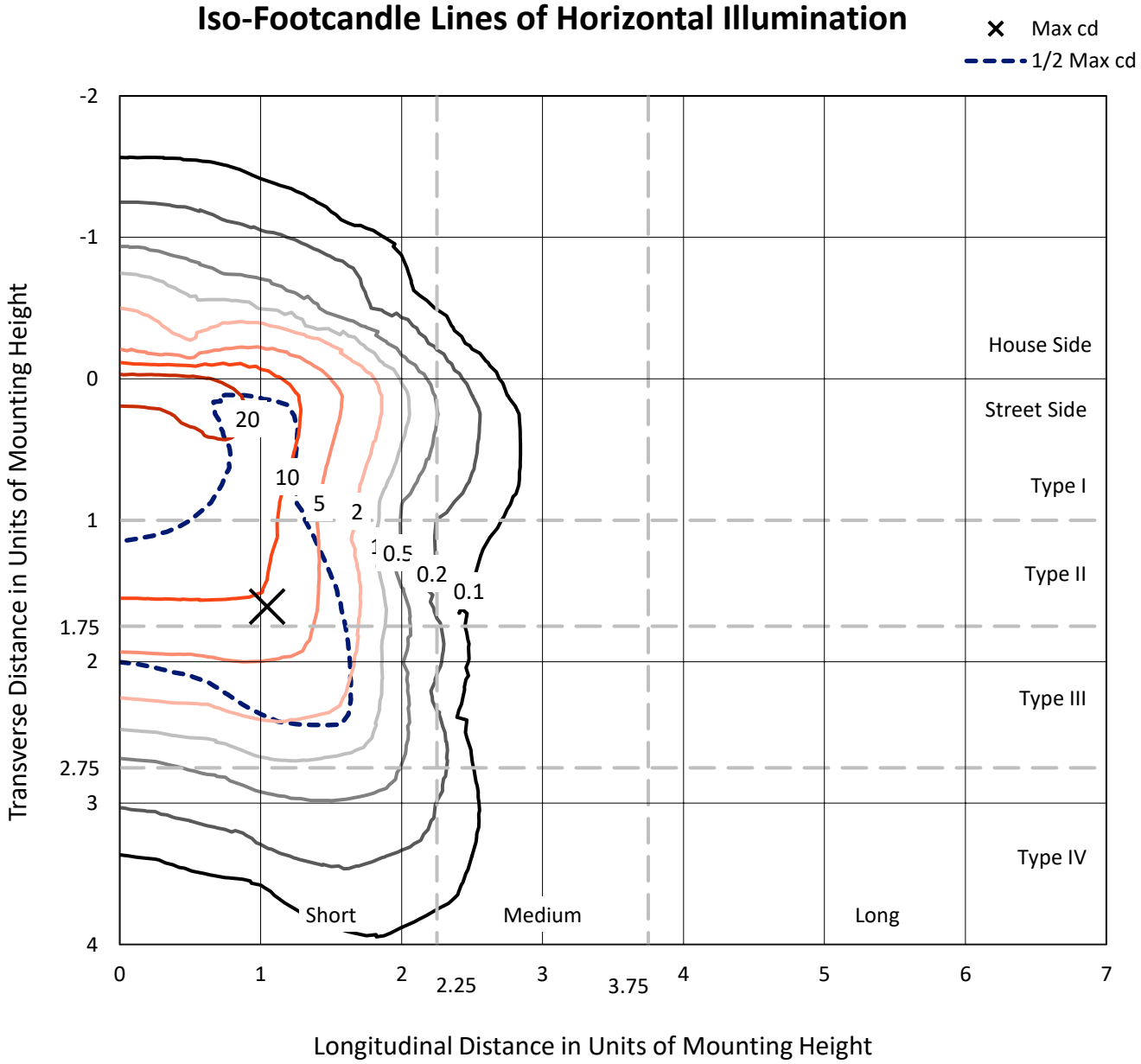
Input Watts (W):	85
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	11.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502701
CATALOG NUMBER: GSS-SB3A-835-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



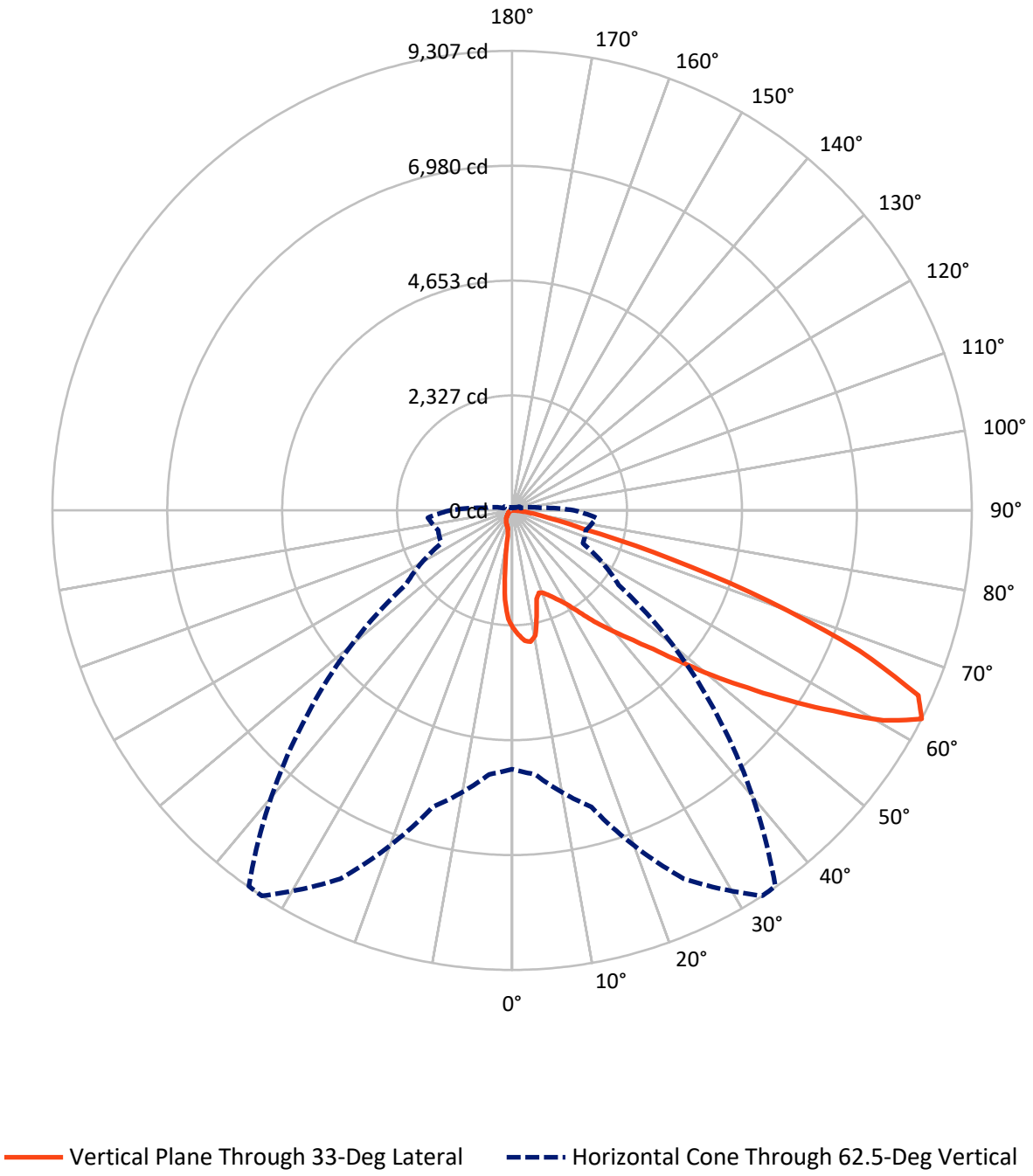
Based on 10 foot mounting height. Maximum calculated value = 28.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1502701
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Luminous Intensity Polar Plot



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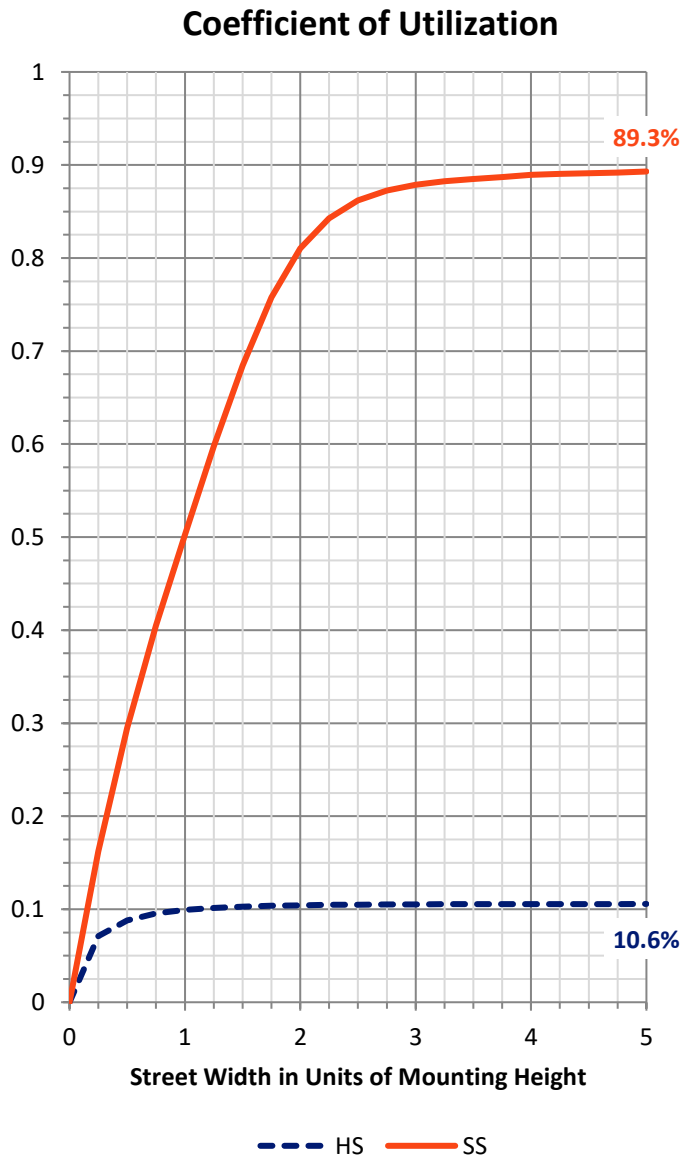
REPORT NUMBER: P1502701
CATALOG NUMBER: GSS-SB3A-835-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	997.1	0.0	997.1
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	8373.2	0.0	8373.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	9370.3	0.0	9370.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	202.4	2.2
10°-20°	451.6	4.8
20°-30°	727.8	7.8
30°-40°	1210.7	12.9
40°-50°	1913.6	20.4
50°-60°	2570.9	27.4
60°-70°	1887.3	20.1
70°-80°	373.5	4.0
80°-90°	32.5	0.3
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°	9370.3	100.0
0°-180°	9370.3	100.0



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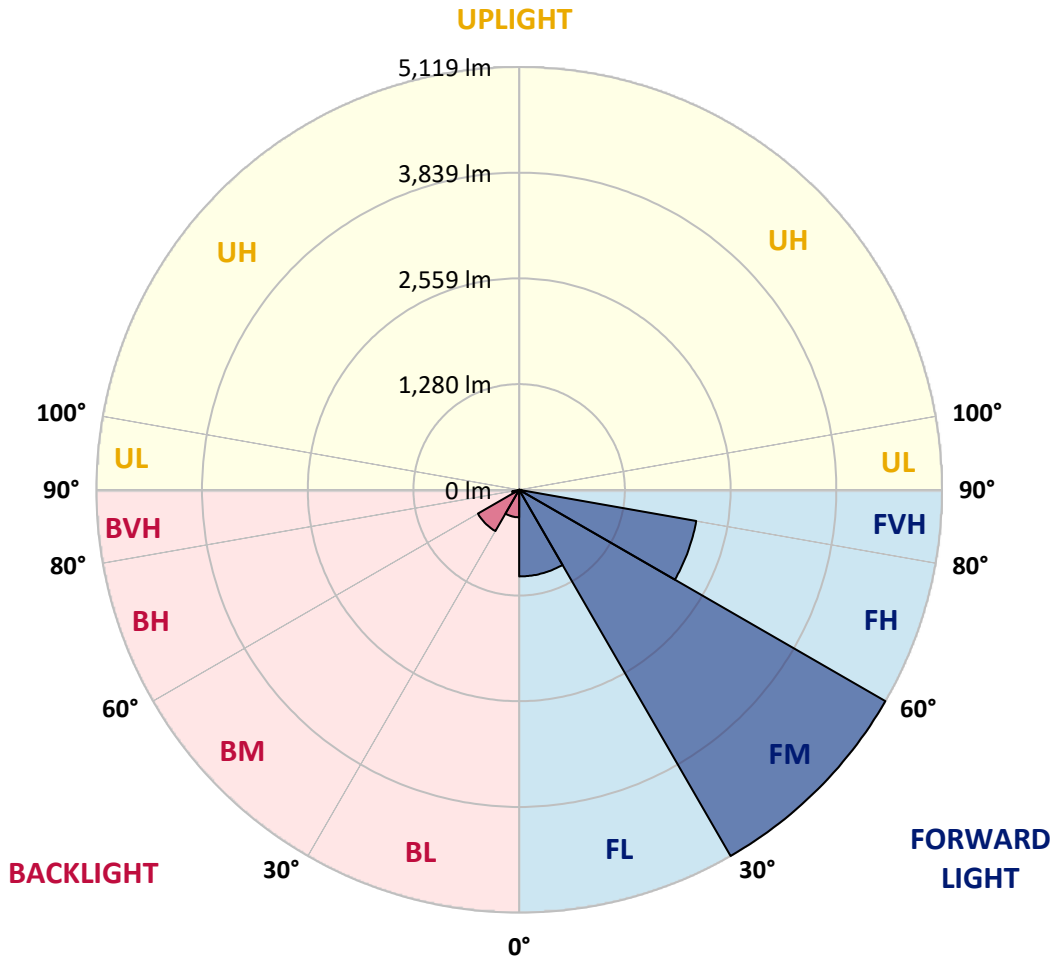
Scaled Data Report

REPORT NUMBER: P1502701
CATALOG NUMBER: GSS-SB3A-835-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1049.1	11.2			
FM	(30°-60°)	5118.5	54.6			
FH	(60°-80°)	2175.7	23.2			G2/5000
FVH	(80°-90°)	30.0	0.3			G1/100
BL	(0°-30°)	332.7	3.6	B1/500		
BM	(30°-60°)	576.8	6.2	B1/1000		
BH	(60°-80°)	85.2	0.9	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G2
Type III Short



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REPORT NUMBER: P1502701
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	2380.2	2380.2	2380.2	2380.2	*2380.2*	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2
2.5°	2535.9	2546.4	2546.4	2525.3	*2520.0*	2509.5	2498.9	2496.3	2462.0	2435.6	2409.2
5°	2665.2	2662.5	2659.9	2649.3	*2652.0*	2638.8	2630.9	2617.7	2559.6	2520.0	2448.8
7.5°	2609.7	2633.5	2644.0	2673.1	*2686.3*	2683.6	2704.7	2710.0	2659.9	2604.5	2496.3
10°	2248.2	2235.0	2330.0	2454.1	*2578.1*	2607.1	2720.6	2781.3	2762.8	2712.7	2572.8
12.5°	1781.2	1794.4	1860.3	2005.5	*2208.6*	2272.0	2599.2	2839.3	2892.1	2860.4	2678.3
15°	1630.8	1630.8	1665.1	1733.7	*1855.1*	1915.7	2319.5	2831.4	3029.3	3031.9	2810.3
17.5°	1599.1	1604.4	1633.4	1678.3	*1757.4*	1783.8	2066.2	2715.3	3163.9	3211.4	2958.1
20°	1604.4	1612.3	1644.0	1707.3	*1783.8*	1815.5	2000.2	2567.5	3277.3	3406.6	3113.7
22.5°	1622.8	1620.2	1675.6	1760.1	*1857.7*	1886.7	2055.6	2506.8	3372.3	3630.9	3295.8
25°	1644.0	1646.6	1717.8	1836.6	*1955.3*	1989.6	2179.6	2562.2	3441.0	3871.1	3480.5
27.5°	1707.3	1715.2	1802.3	1931.6	*2071.4*	2116.3	2340.6	2707.4	3559.7	4103.3	3681.1
30°	1804.9	1812.8	1913.1	2068.8	*2219.2*	2287.8	2541.1	2889.4	3736.5	4372.4	3886.9
32.5°	1918.4	1928.9	2058.2	2237.7	*2419.7*	2485.7	2770.7	3166.5	3971.3	4646.9	4100.6
35°	2060.9	2089.9	2229.8	2443.5	*2688.9*	2752.2	3053.1	3480.5	4277.4	4892.3	4282.7
37.5°	2256.1	2279.9	2451.4	2717.9	*2966.0*	3050.4	3369.7	3810.4	4554.5	5111.3	4430.5
40°	2493.6	2514.7	2707.4	2997.6	*3256.2*	3327.5	3702.2	4142.9	4852.7	5232.7	4462.2
42.5°	2889.4	2947.5	3068.9	3314.3	*3591.4*	3681.1	4071.6	4464.8	5069.1	5256.4	4412.0
45°	3580.8	3599.3	3625.7	3741.8	*4008.3*	4087.4	4462.2	4744.5	5198.4	5261.7	4367.2
47.5°	4243.1	4306.5	4343.4	4396.2	*4557.1*	4586.2	4871.2	4995.2	5301.3	5243.2	4367.2
50°	4905.5	4953.0	5016.3	5079.6	*5251.1*	5261.7	5303.9	5164.1	5306.6	5092.8	4340.8
52.5°	5507.1	5522.9	5631.1	5752.5	*5966.3*	6024.3	5705.0	5288.1	4987.3	4617.8	4216.7
55°	6045.4	6066.5	6230.1	6478.2	*6784.3*	6860.8	6195.8	5048.0	4303.8	4003.0	3929.1
57.5°	6393.7	6443.9	6771.1	7317.3	*7663.0*	7628.7	6575.8	4485.9	3456.8	3274.7	3419.8
60°	6219.6	6288.2	6976.9	8021.8	*8636.7*	8536.4	6470.3	3691.6	2554.3	2422.4	2707.4
62.5°	*5240.6*	*5367.3*	*6219.6*	*8230.3*	*9306.9*	*9291.1*	*5873.9*	*2633.5*	*1583.3*	*1549.0*	*1709.9*
65°	3644.1	3863.2	4873.8	7533.7	*9037.8*	9061.5	4945.0	1533.1	733.6	910.4	1000.1
67.5°	2148.0	2303.6	3140.1	6151.0	*7583.8*	7364.8	3361.8	709.8	366.8	554.1	530.4
70°	944.7	1050.2	1799.6	4261.6	*5525.6*	5172.0	1641.3	345.7	279.7	335.1	292.9
72.5°	519.8	567.3	947.3	2250.9	*3361.8*	3195.5	554.1	229.6	240.1	250.7	211.1
75°	290.3	311.4	498.7	1300.9	*1477.7*	1374.8	269.2	150.4	203.2	203.2	155.7
77.5°	168.9	187.4	311.4	810.1	*810.1*	654.4	163.6	95.0	153.0	137.2	84.4
80°	79.2	89.7	171.5	448.6	*511.9*	422.2	92.4	66.0	100.3	87.1	55.4
82.5°	23.7	29.0	84.4	174.2	*290.3*	248.0	47.5	42.2	73.9	55.4	31.7
85°	15.8	18.5	42.2	71.2	*142.5*	124.0	15.8	13.2	31.7	26.4	13.2
87.5°	2.6	2.6	5.3	5.3	*5.3*	5.3	2.6	2.6	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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Scaled Data Report

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CATALOG NUMBER: GSS-SB3A-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2	2380.2
2.5°	2393.4	2374.9	2332.7	2293.1	2272.0	2224.5	2206.0	2184.9	2174.3	2171.7	2155.9
5°	2403.9	2369.6	2264.1	2158.5	2047.7	1942.1	1833.9	1738.9	1662.4	1665.1	1667.7
7.5°	2435.6	2367.0	2182.3	1971.2	1733.7	1459.2	1166.3	947.3	807.5	778.4	752.0
10°	2477.8	2377.5	2082.0	1691.4	1224.4	770.5	543.6	464.4	430.1	422.2	424.8
12.5°	2557.0	2403.9	1955.3	1306.2	678.2	443.3	393.2	380.0	374.7	374.7	374.7
15°	2654.6	2440.9	1757.4	855.0	443.3	369.4	358.9	356.2	351.0	351.0	353.6
17.5°	2736.4	2440.9	1496.2	556.8	364.1	343.0	335.1	332.5	332.5	335.1	332.5
20°	2826.1	2422.4	1203.3	419.6	337.8	319.3	314.0	314.0	314.0	316.7	316.7
22.5°	2918.5	2390.7	931.5	358.9	314.0	298.2	295.5	298.2	300.8	303.5	303.5
25°	3021.4	2351.1	736.2	332.5	292.9	279.7	279.7	279.7	282.3	287.6	290.3
27.5°	3134.9	2316.8	630.7	316.7	274.4	261.2	261.2	263.9	269.2	271.8	274.4
30°	3240.4	2316.8	596.4	324.6	266.5	250.7	245.4	248.0	253.3	258.6	258.6
32.5°	3372.3	2343.2	614.8	358.9	263.9	234.9	229.6	229.6	234.9	237.5	237.5
35°	3483.2	2393.4	678.2	406.4	274.4	221.7	211.1	208.5	213.7	211.1	213.7
37.5°	3572.9	2462.0	794.3	469.7	295.5	205.8	192.6	184.7	184.7	184.7	184.7
40°	3599.3	2530.6	942.0	511.9	292.9	187.4	168.9	161.0	158.3	155.7	155.7
42.5°	3562.3	2562.2	1060.8	509.3	261.2	174.2	150.4	139.9	131.9	129.3	129.3
45°	3533.3	2578.1	1103.0	443.3	237.5	158.3	134.6	121.4	113.5	110.8	108.2
47.5°	3535.9	2593.9	1039.7	361.5	216.4	145.1	121.4	108.2	100.3	97.6	95.0
50°	3546.5	2567.5	881.3	300.8	197.9	131.9	108.2	97.6	89.7	87.1	84.4
52.5°	3435.7	2427.7	620.1	263.9	182.1	124.0	97.6	89.7	81.8	79.2	79.2
55°	3145.4	2092.5	419.6	234.9	168.9	113.5	89.7	84.4	76.5	71.2	71.2
57.5°	2681.0	1578.0	290.3	213.7	147.8	102.9	84.4	76.5	68.6	63.3	63.3
60°	2050.3	1029.1	211.1	195.3	121.4	95.0	79.2	73.9	63.3	58.1	55.4
62.5°	*1248.1*	*577.9*	*171.5*	*171.5*	*102.9*	*89.7*	*71.2*	*66.0*	*55.4*	*47.5*	*44.9*
65°	723.0	340.4	139.9	145.1	89.7	81.8	63.3	55.4	44.9	36.9	34.3
67.5°	348.3	197.9	110.8	102.9	79.2	68.6	55.4	47.5	39.6	31.7	29.0
70°	213.7	153.0	84.4	73.9	63.3	52.8	44.9	42.2	34.3	26.4	26.4
72.5°	174.2	124.0	66.0	52.8	47.5	36.9	36.9	34.3	26.4	21.1	18.5
75°	137.2	92.4	50.1	36.9	29.0	29.0	26.4	23.7	21.1	15.8	15.8
77.5°	73.9	63.3	36.9	21.1	15.8	18.5	18.5	15.8	13.2	10.6	10.6
80°	47.5	36.9	21.1	10.6	10.6	10.6	10.6	7.9	7.9	5.3	5.3
82.5°	23.7	18.5	10.6	2.6	5.3	5.3	5.3	5.3	5.3	2.6	2.6
85°	5.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
87.5°	0.0	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

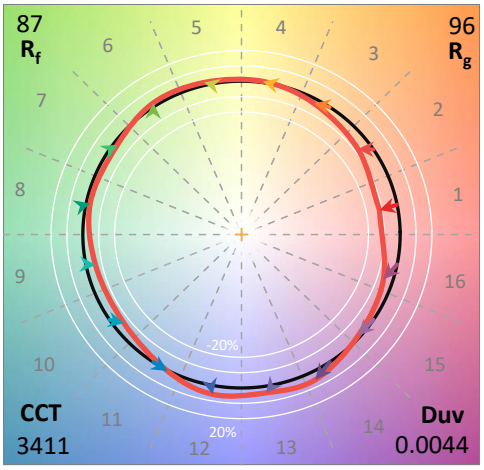
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

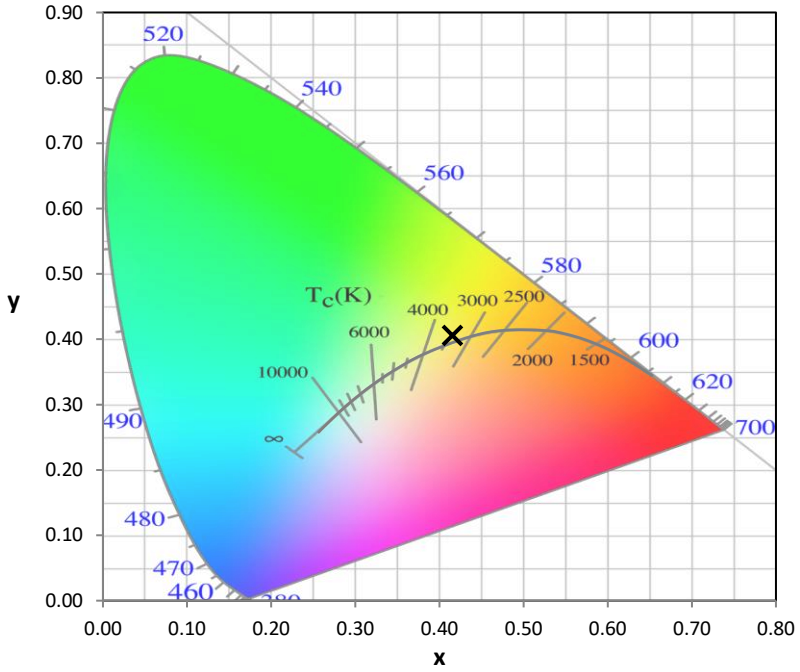
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

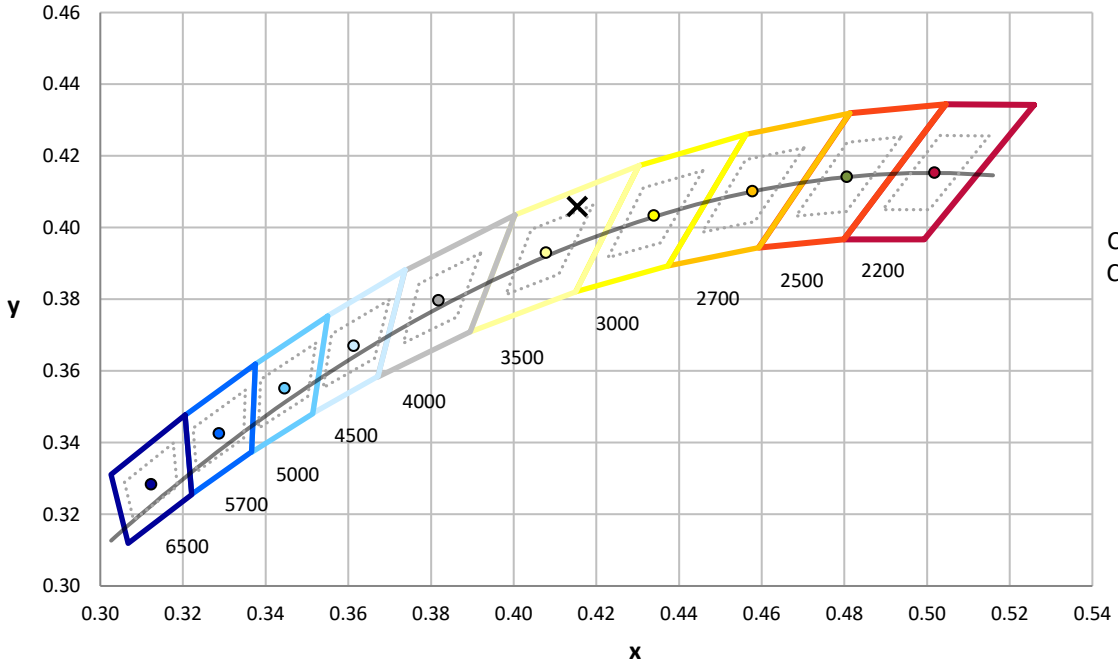
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

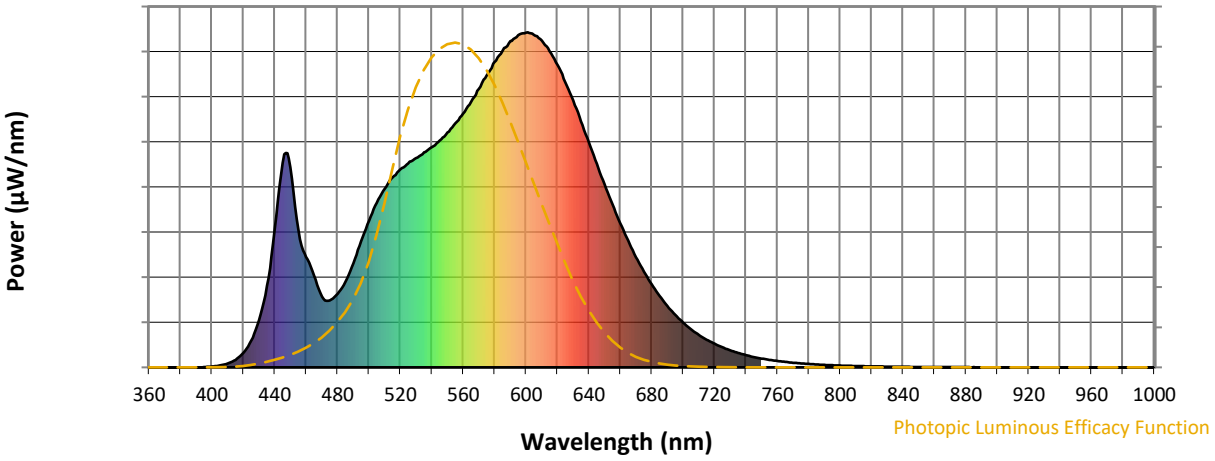


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

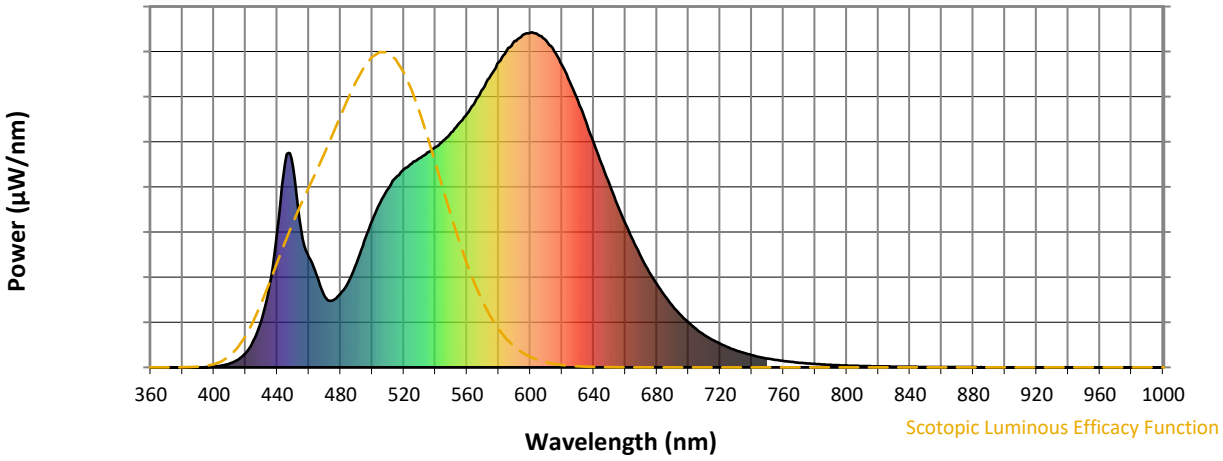


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

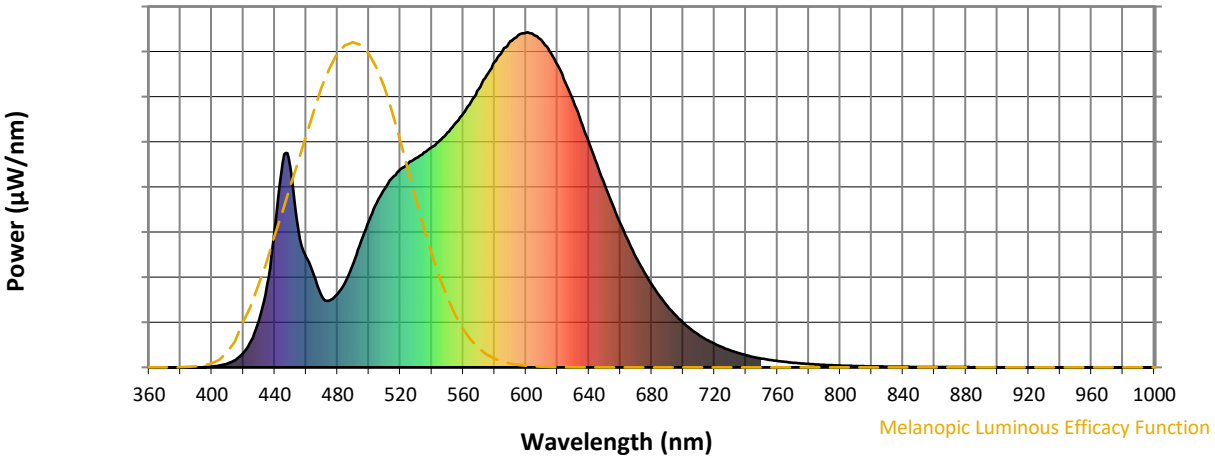


Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

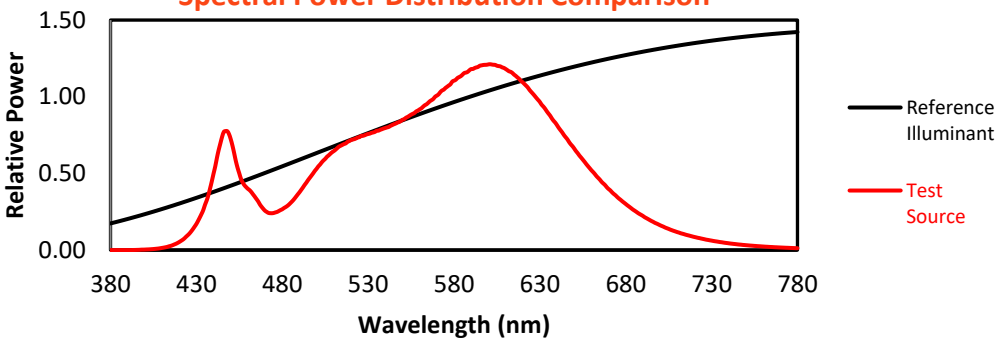
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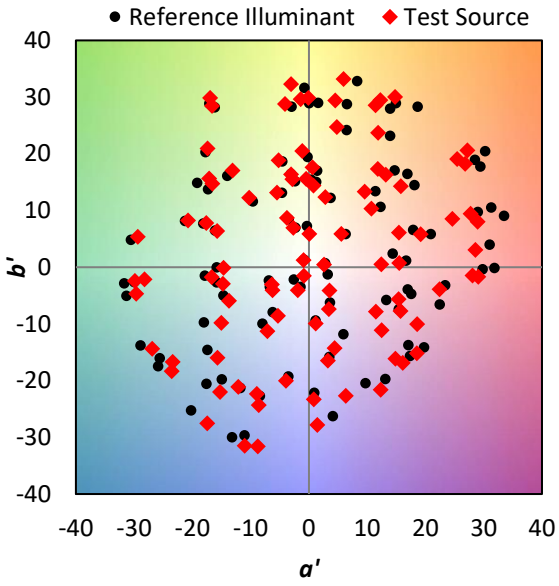
Summary

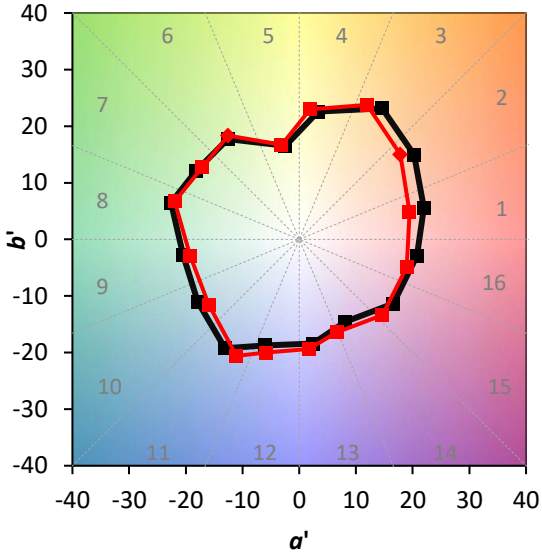
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R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

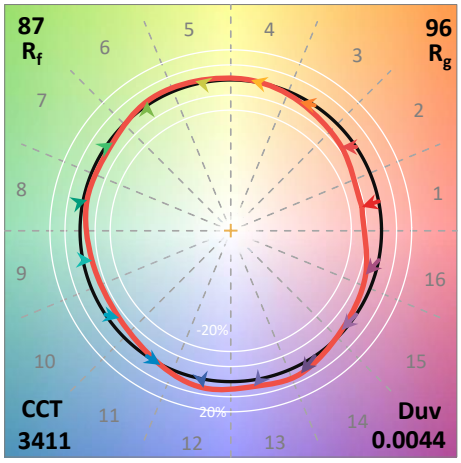
Spectral Power Distribution Comparison

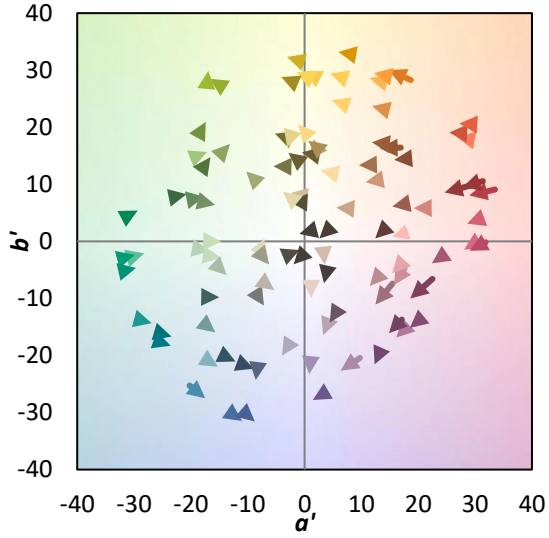


Color Vector Graphics







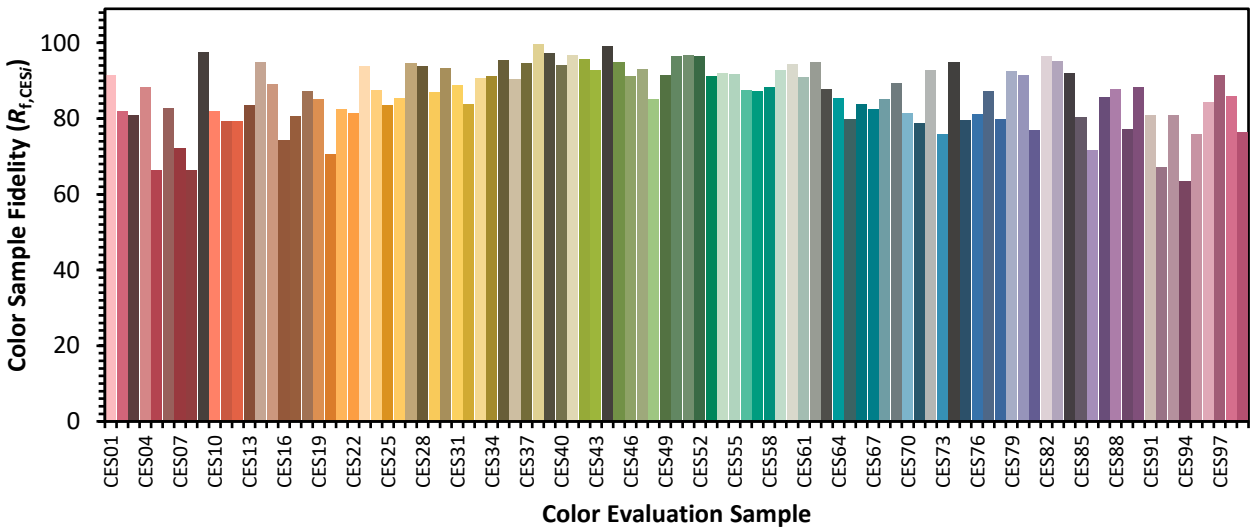


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Individual Sample Fidelity Index ($R_{f,i}$)

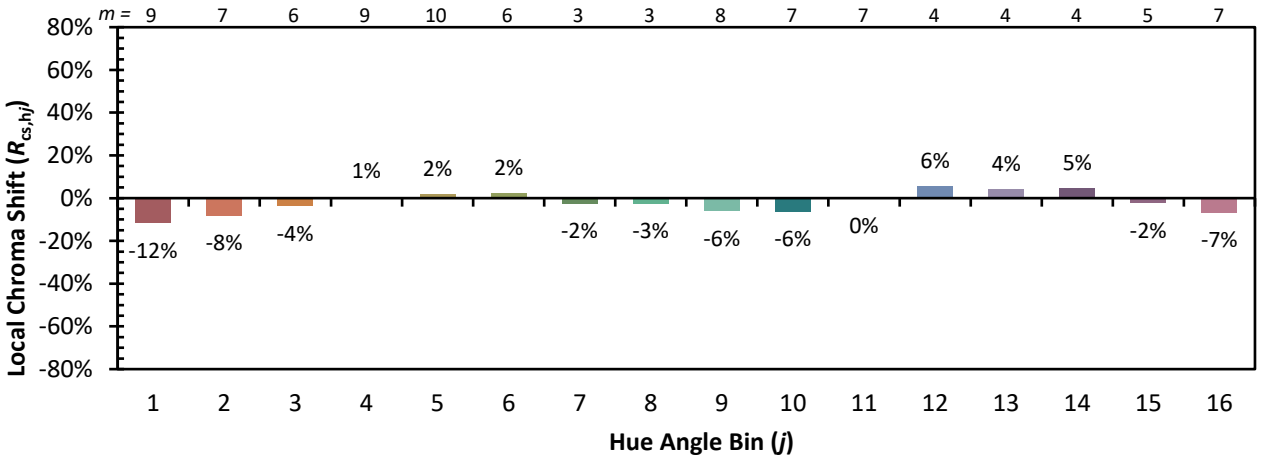
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	

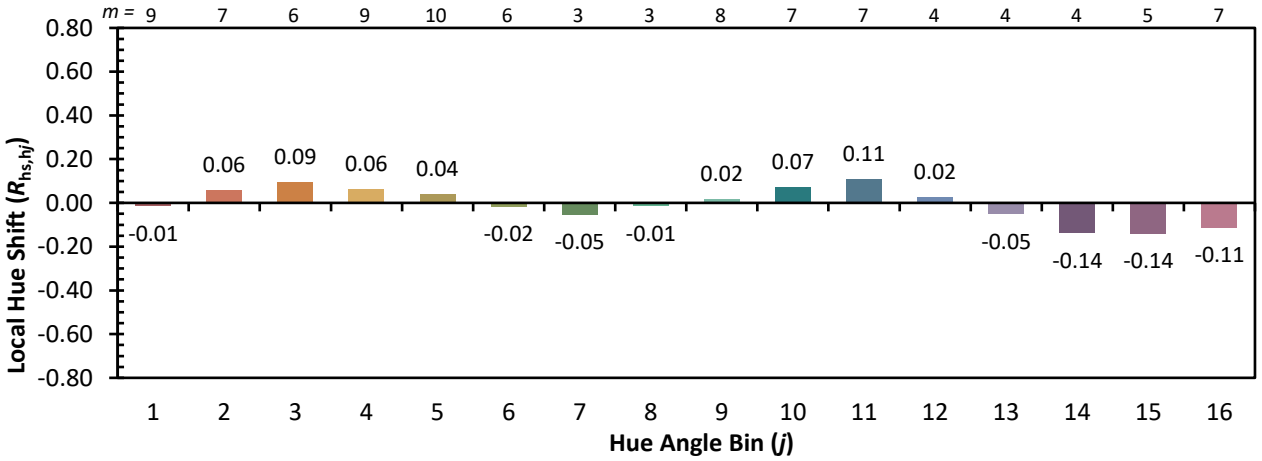


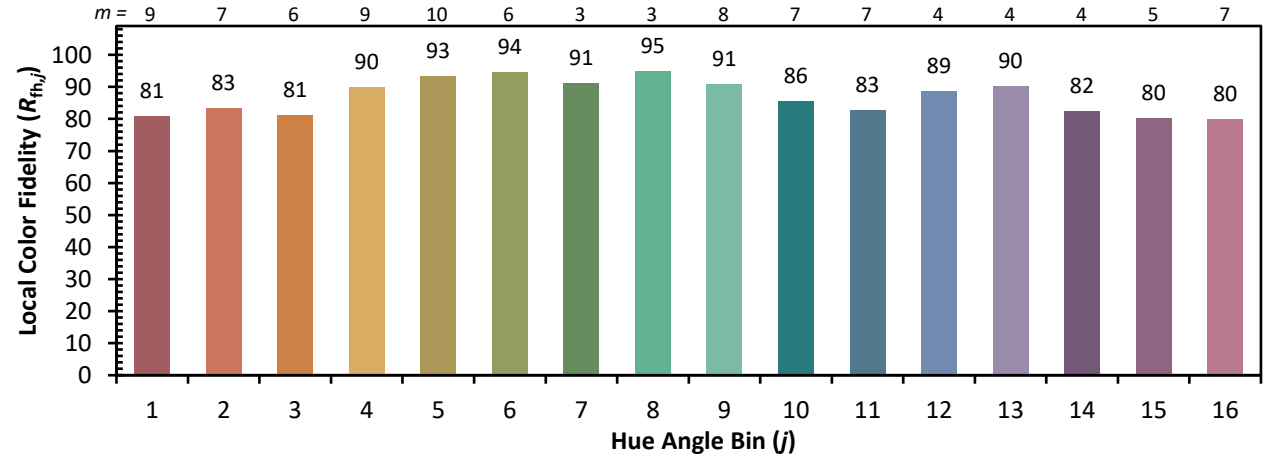
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Color Rendition by Hue-Angle Bin



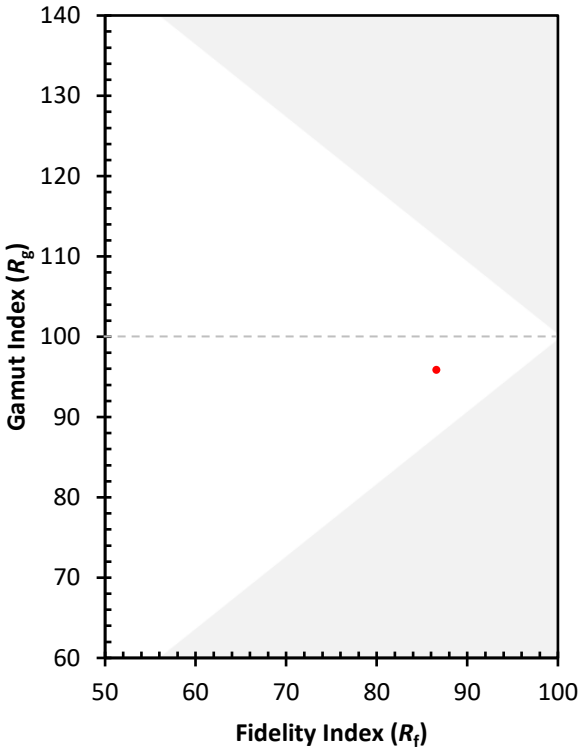


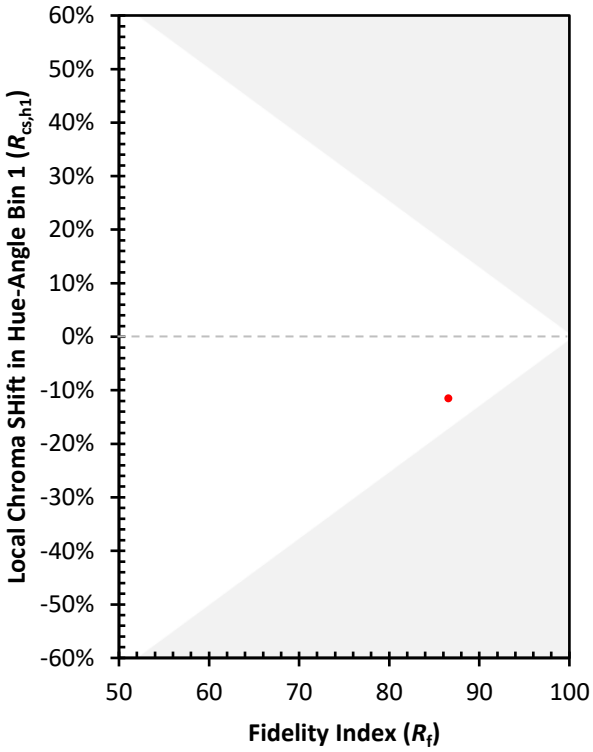


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Measure Comparisons





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