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: P1501166

Luminaire Tested: GSS-SB3B-835-U-T3LG

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:	P1501166
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-835-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 3500K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14954.7 lumens
Efficiency:	N/A
Efficacy:	137.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

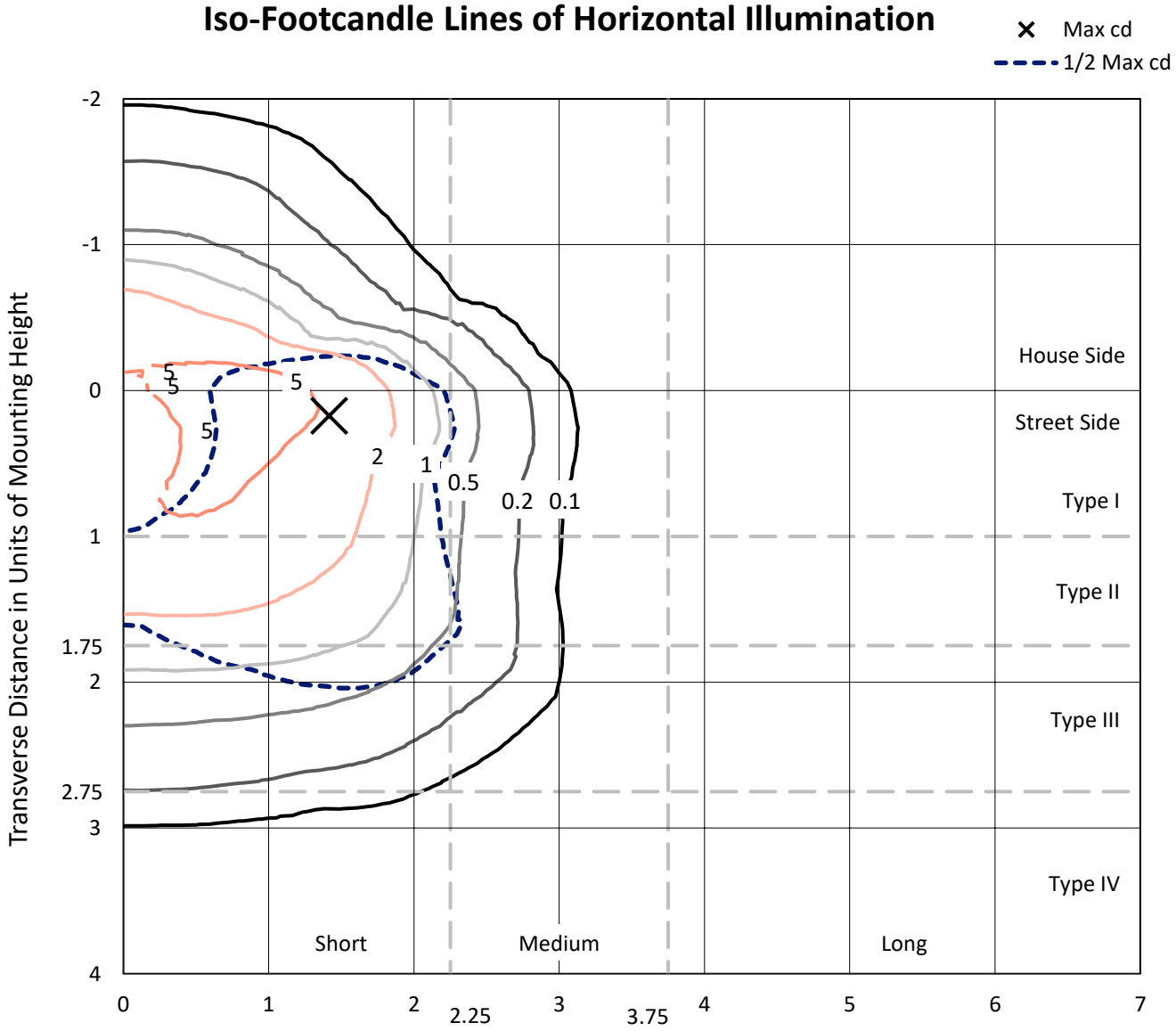
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501166
CATALOG NUMBER: GSS-SB3B-835-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



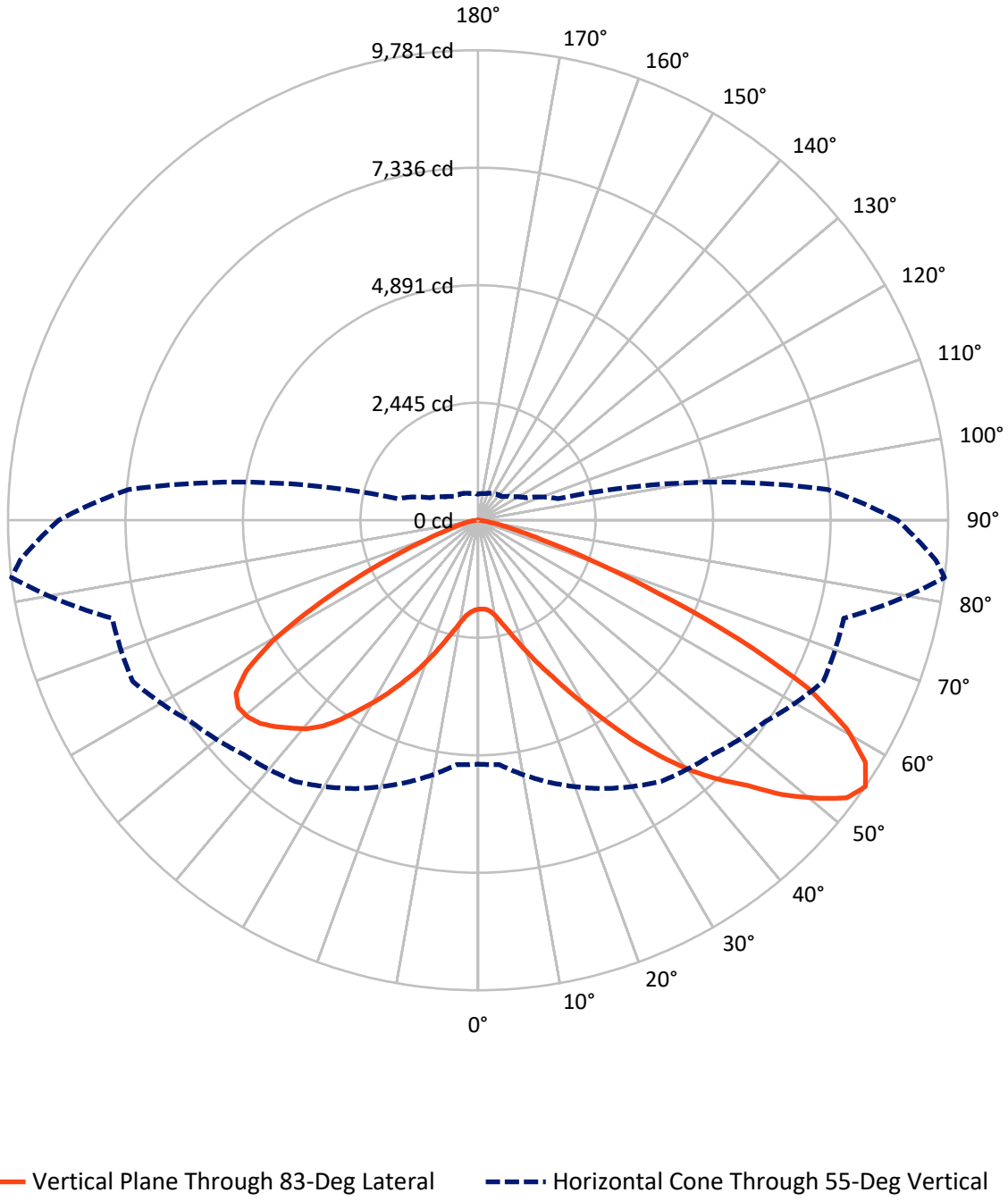
Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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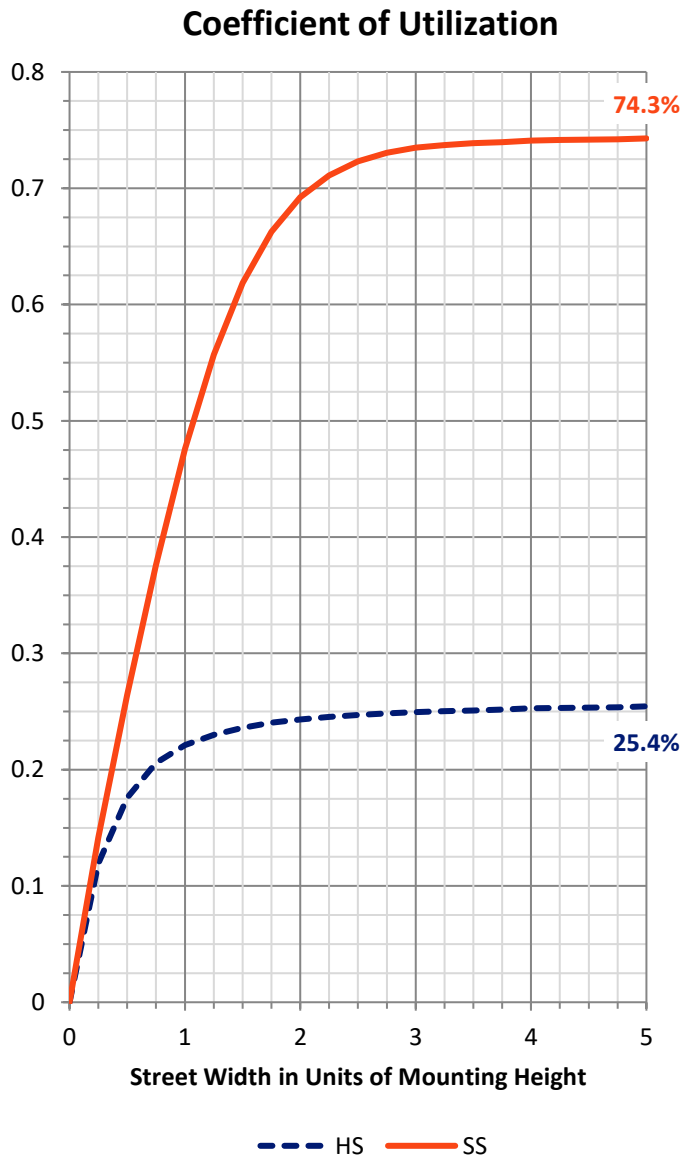
REPORT NUMBER: P1501166
CATALOG NUMBER: GSS-SB3B-835-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3837.7	0.0	3837.7
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	11117.0	0.0	11117.0
	% Fixture	74.3	0.0	74.3
Total	Lumens	14954.7	0.0	14954.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.9	1.2
10°-20°	582.7	3.9
20°-30°	1166.6	7.8
30°-40°	2075.5	13.9
40°-50°	3127.7	20.9
50°-60°	3811.3	25.5
60°-70°	3082.0	20.6
70°-80°	844.1	5.6
80°-90°	86.0	0.6
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°	14954.7	100.0
0°-180°	14954.7	100.0



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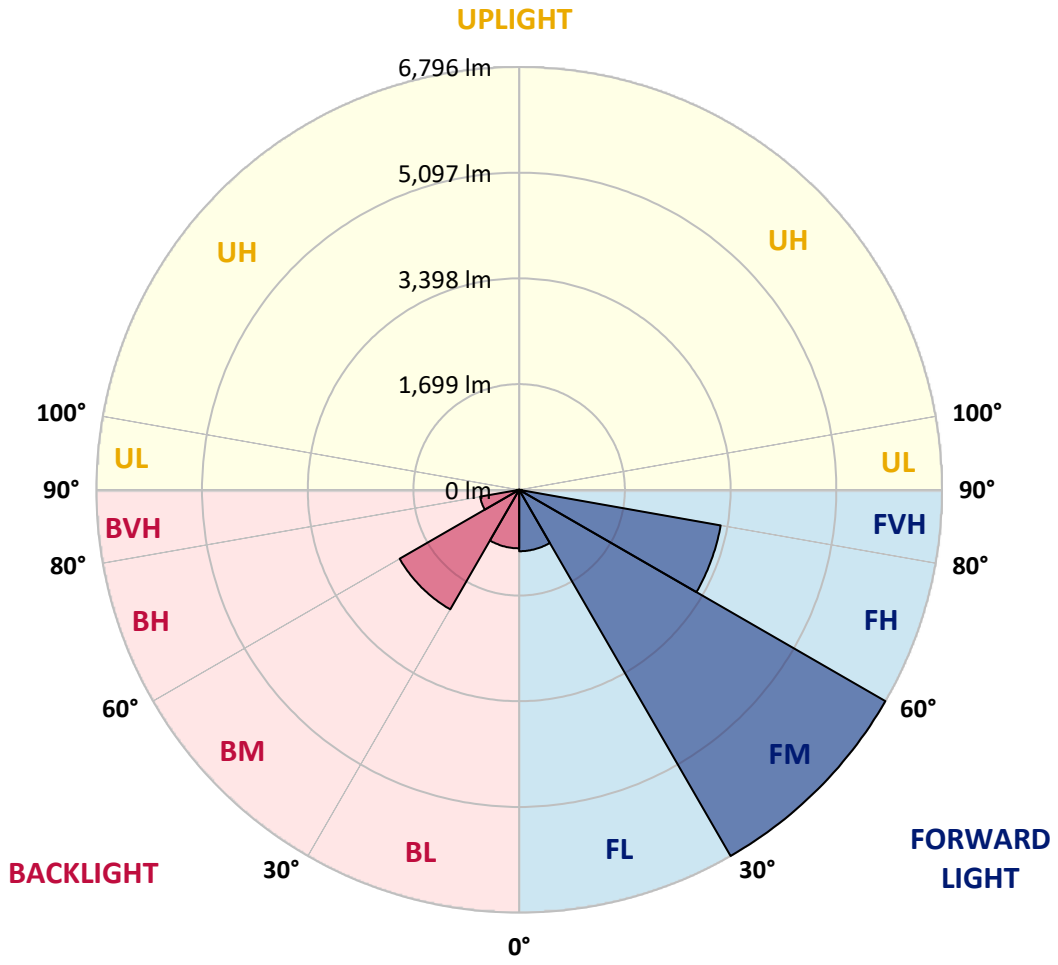
Scaled Data Report

REPORT NUMBER: P1501166
CATALOG NUMBER: GSS-SB3B-835-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	987.4	6.6			
FM	(30°-60°)	6795.9	45.4			
FH	(60°-80°)	3288.9	22.0			G2/5000
FVH	(80°-90°)	44.8	0.3			G1/100
BL	(0°-30°)	940.7	6.3	B2/1000		
BM	(30°-60°)	2218.6	14.8	B2/2500		
BH	(60°-80°)	637.2	4.3	B2/1000		G2/1000
BVH	(80°-90°)	41.2	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	*1851.2*	1851.2
2.5°	1798.1	1794.7	1791.4	1788.1	1794.7	1804.7	1814.7	1821.3	1837.9	*1851.2*	1844.6
5°	1655.1	1648.5	1655.1	1681.7	1705.0	1744.9	1784.8	1811.4	1847.9	*1864.5*	1871.2
7.5°	1528.8	1522.2	1528.8	1562.1	1602.0	1665.1	1748.2	1814.7	1881.1	*1921.0*	1927.7
10°	1528.8	1532.2	1532.2	1545.5	1565.4	1628.6	1728.3	1854.6	1970.9	*2027.4*	2040.7
12.5°	1578.7	1578.7	1578.7	1595.3	1608.6	1658.5	1771.5	1927.7	2113.8	*2196.9*	2206.9
15°	1645.2	1641.8	1651.8	1661.8	1685.1	1734.9	1847.9	2034.0	2270.0	*2396.3*	2409.6
17.5°	1738.2	1731.6	1741.6	1764.8	1798.1	1854.6	1967.6	2180.3	2486.0	*2645.6*	2665.5
20°	1841.3	1837.9	1857.9	1894.4	1941.0	2010.8	2140.4	2356.4	2732.0	*2934.7*	2971.3
22.5°	1964.2	1957.6	1994.1	2060.6	2123.8	2203.5	2359.7	2585.7	3014.5	*3257.1*	3293.7
25°	2103.8	2103.8	2153.7	2233.4	2329.8	2472.7	2629.0	2878.2	3346.8	*3606.1*	3662.6
27.5°	2333.2	2349.8	2369.7	2452.8	2589.1	2781.8	2948.0	3230.5	3709.1	*4034.8*	4054.8
30°	2705.4	2698.7	2732.0	2788.5	2901.5	3104.2	3353.5	3655.9	4167.8	*4510.1*	4559.9
32.5°	3041.1	3051.0	3097.6	3203.9	3340.2	3513.0	3812.1	4184.4	4666.3	*5061.8*	5085.1
35°	3380.1	3386.7	3476.5	3636.0	3838.7	4031.5	4357.2	4722.8	5208.0	*5676.7*	5739.8
37.5°	3855.4	3848.7	3938.4	4074.7	4347.2	4646.4	4908.9	5257.9	5726.5	*6274.9*	6348.0
40°	4211.0	4247.5	4417.0	4589.9	4845.8	5154.9	5377.6	5706.6	6151.9	*6859.9*	6926.3
42.5°	4576.6	4606.5	4832.5	5091.7	5360.9	5570.3	5743.1	6048.9	6490.9	*7378.3*	7414.9
45°	4879.0	4918.9	5178.1	5507.2	5786.4	5999.1	6058.9	6344.7	6836.6	*7876.9*	7933.4
47.5°	5071.8	5115.0	5420.8	5806.3	6092.1	6318.1	6298.2	6700.3	7205.5	*8538.3*	8518.3
50°	5204.7	5231.3	5563.7	5975.8	6348.0	6497.6	6584.0	7102.5	7584.4	*9093.3*	9020.2
52.5°	5301.1	5344.3	5646.8	6098.8	6490.9	6687.0	6919.7	7567.8	7847.0	*9601.8*	9439.0
55°	*5075.1*	*5108.3*	*5640.1*	*6161.9*	*6637.2*	*6896.4*	*7301.9*	*7930.1*	*7880.2*	*9781.3*	*9561.9*
57.5°	4842.5	4869.0	5360.9	6145.3	6796.7	7155.7	7737.3	7976.6	7584.4	*9505.4*	9229.6
60°	4550.0	4569.9	5061.8	5969.1	6800.0	7358.4	7960.0	7637.6	7036.0	*8810.8*	8548.2
62.5°	4011.6	4011.6	4553.3	5493.9	6633.9	7461.4	7900.1	6996.1	6301.5	*7717.3*	7355.1
65°	3479.8	3456.5	3822.1	4646.4	6191.8	7434.8	7451.5	6185.2	5161.5	*5952.5*	5670.0
67.5°	2901.5	2904.8	3120.8	3772.3	5015.3	6879.8	6504.2	4779.3	3596.1	*4008.2*	3862.0
70°	1964.2	2014.1	2233.4	2738.6	3782.2	4875.7	5178.1	3237.2	2243.4	*2489.4*	2369.7
72.5°	747.8	757.8	1013.7	1435.8	2389.7	2931.4	3612.7	1811.4	1312.8	*1372.6*	1379.3
75°	315.7	329.0	432.1	604.9	1060.2	1598.6	1901.1	917.3	797.7	*820.9*	814.3
77.5°	212.7	219.4	262.6	325.7	478.6	641.5	794.3	518.5	488.6	*458.7*	445.4
80°	159.5	159.5	189.4	219.4	269.2	329.0	345.7	262.6	292.5	*242.6*	236.0
82.5°	103.0	109.7	119.6	129.6	152.9	162.9	139.6	142.9	169.5	*126.3*	119.6
85°	49.9	53.2	56.5	59.8	59.8	56.5	49.9	63.1	86.4	*53.2*	49.9
87.5°	6.6	6.6	6.6	6.6	6.6	6.6	3.3	3.3	3.3	*3.3*	3.3
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: P1501166
CATALOG NUMBER: GSS-SB3B-835-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2	1851.2
2.5°	1854.6	1867.9	1877.8	1884.5	1901.1	1897.8	1907.7	1914.4	1921.0	1931.0	1917.7
5°	1887.8	1911.1	1937.6	1957.6	1977.5	1987.5	1990.8	1997.5	2000.8	2007.4	2004.1
7.5°	1960.9	1987.5	2027.4	2047.3	2063.9	2063.9	2054.0	2050.6	2040.7	2047.3	2047.3
10°	2083.9	2123.8	2167.0	2170.3	2150.4	2127.1	2090.5	2070.6	2044.0	2037.4	2030.7
12.5°	2263.4	2316.5	2349.8	2326.5	2256.7	2170.3	2073.9	1984.2	1914.4	1884.5	1877.8
15°	2466.1	2532.6	2539.2	2472.7	2346.4	2137.1	1934.3	1834.6	1798.1	1798.1	1794.7
17.5°	2745.3	2791.8	2765.2	2605.7	2323.2	1980.9	1834.6	1818.0	1828.0	1841.3	1841.3
20°	3037.8	3090.9	2981.2	2698.7	2180.3	1887.8	1844.6	1857.9	1881.1	1894.4	1891.1
22.5°	3386.7	3413.3	3200.6	2702.1	2027.4	1864.5	1864.5	1881.1	1897.8	1917.7	1917.7
25°	3745.7	3735.7	3403.3	2579.1	1941.0	1857.9	1851.2	1864.5	1871.2	1881.1	1877.8
27.5°	4147.8	4094.6	3559.6	2383.0	1914.4	1837.9	1804.7	1791.4	1798.1	1808.0	1811.4
30°	4609.8	4483.5	3685.8	2260.0	1904.4	1791.4	1711.6	1675.1	1668.4	1681.7	1681.7
32.5°	5144.9	4872.4	3762.3	2243.4	1894.4	1708.3	1602.0	1532.2	1518.9	1525.5	1542.1
35°	5693.3	5341.0	3742.3	2286.6	1897.8	1641.8	1485.6	1392.6	1379.3	1385.9	1402.6
37.5°	6268.3	5786.4	3665.9	2353.1	1871.2	1552.1	1379.3	1266.3	1246.3	1259.6	1266.3
40°	6713.6	6161.9	3476.5	2379.7	1824.6	1439.1	1256.3	1159.9	1106.8	1103.4	1120.0
42.5°	7125.8	6457.7	3270.4	2336.5	1728.3	1319.5	1130.0	1033.6	950.5	887.4	887.4
45°	7537.9	6756.8	3061.0	2213.5	1568.7	1193.2	997.1	867.5	771.1	724.5	727.9
47.5°	7950.0	7046.0	2811.7	2027.4	1409.2	1060.2	854.2	751.1	684.7	648.1	648.1
50°	8332.2	7255.4	2492.7	1731.6	1226.4	927.3	754.5	694.6	644.8	611.5	604.9
52.5°	8667.9	7395.0	2060.6	1372.6	1027.0	777.7	701.3	654.7	618.2	581.6	571.7
55°	*8727.7*	*7301.9*	*1724.9*	*1103.4*	*847.5*	*698.0*	*661.4*	*621.5*	*571.7*	*555.0*	*545.1*
57.5°	8358.8	6810.0	1455.7	930.6	724.5	641.5	628.2	581.6	541.7	525.1	515.2
60°	7730.6	5916.0	1203.1	797.7	644.8	588.3	604.9	558.4	495.2	485.2	475.3
62.5°	6600.6	4616.5	960.5	671.4	584.9	548.4	565.0	498.5	445.4	432.1	428.7
65°	5131.6	3303.6	807.6	591.6	538.4	508.5	501.9	442.0	402.2	392.2	392.2
67.5°	3582.8	2100.5	674.7	541.7	478.6	458.7	455.3	415.4	388.9	378.9	378.9
70°	2193.6	1272.9	568.3	495.2	422.1	385.5	408.8	402.2	362.3	352.3	349.0
72.5°	1140.0	761.1	498.5	455.3	355.6	329.0	365.6	368.9	335.7	349.0	345.7
75°	661.4	528.4	435.4	402.2	282.5	275.9	319.1	352.3	325.7	335.7	329.0
77.5°	378.9	339.0	335.7	329.0	222.7	226.0	285.8	315.7	279.2	289.2	265.9
80°	209.4	219.4	232.7	206.1	156.2	176.1	229.3	252.6	212.7	209.4	192.8
82.5°	109.7	136.3	156.2	132.9	89.7	106.4	156.2	156.2	136.3	129.6	126.3
85°	49.9	56.5	73.1	66.5	33.2	39.9	73.1	79.8	69.8	63.1	59.8
87.5°	3.3	3.3	3.3	3.3	3.3	3.3	6.6	10.0	3.3	3.3	3.3
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

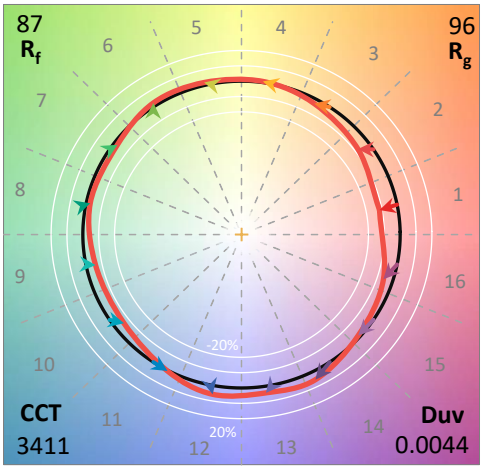
Test Information

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

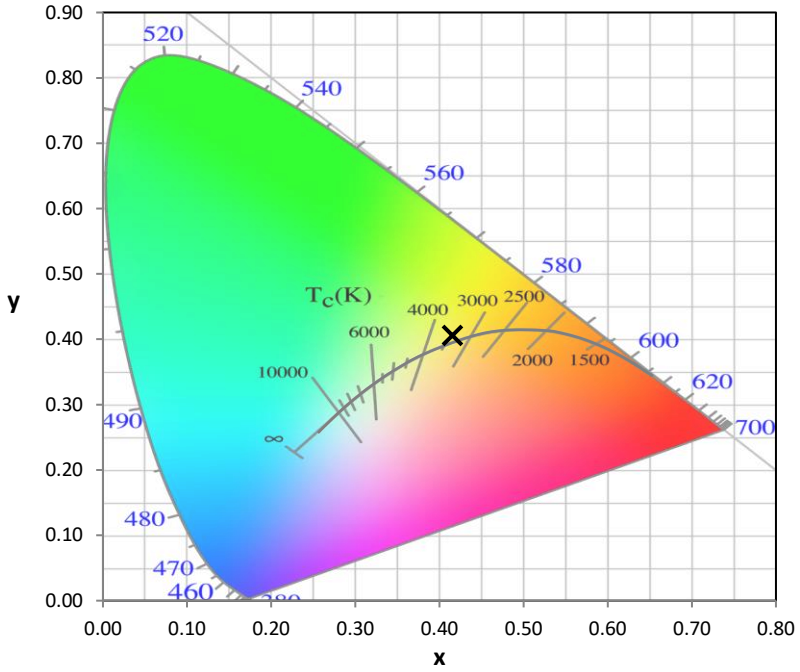
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

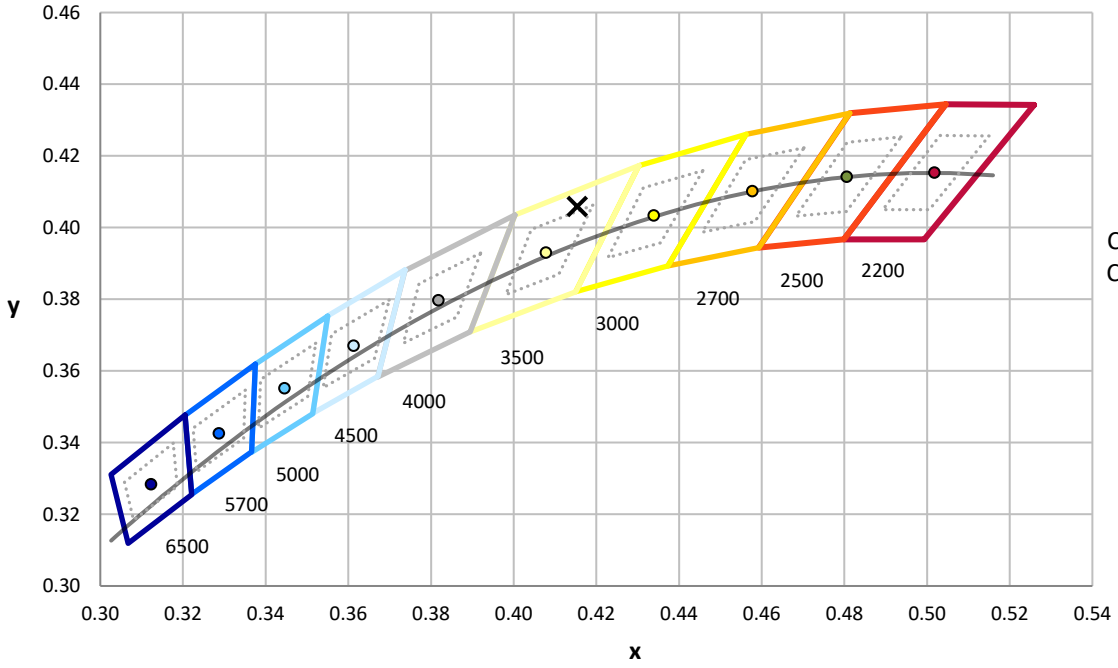
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

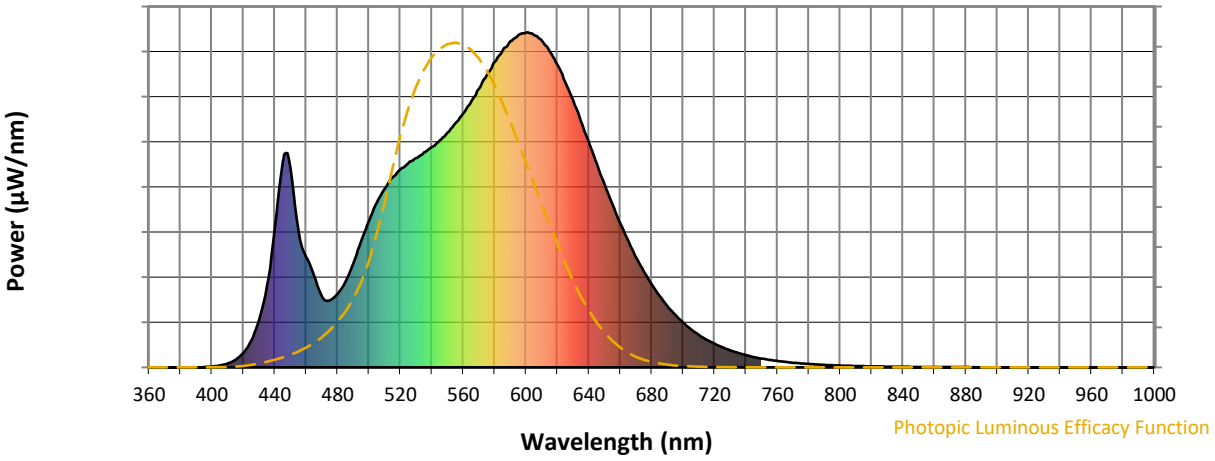


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

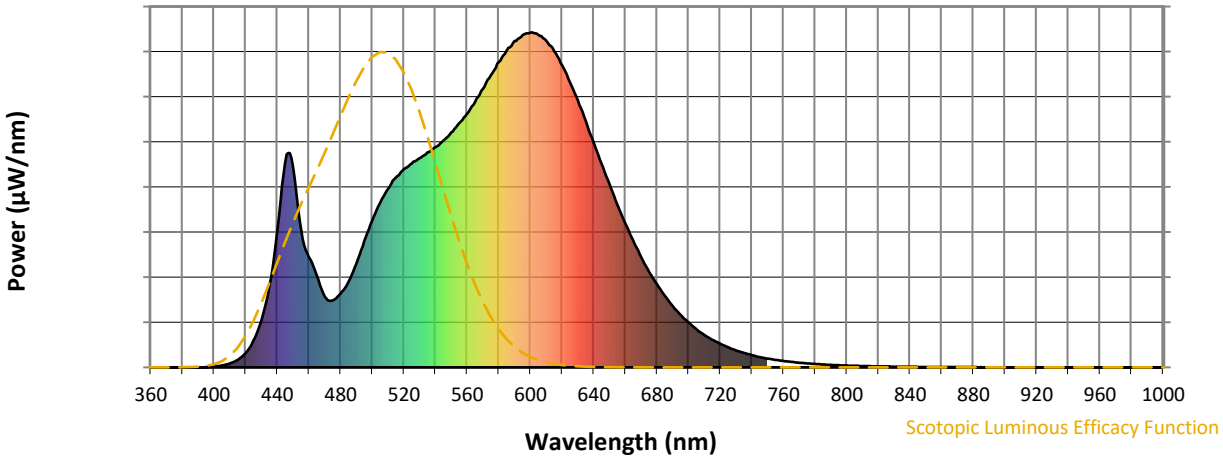


Photopic Lumens: NR

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	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

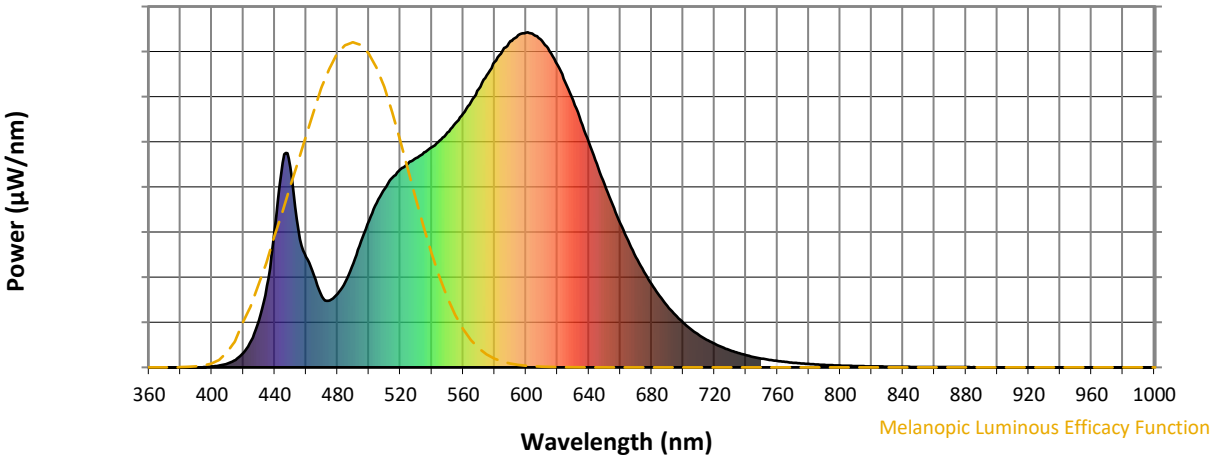


Scotopic Lumens: NR **S/P: 1.48**

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			

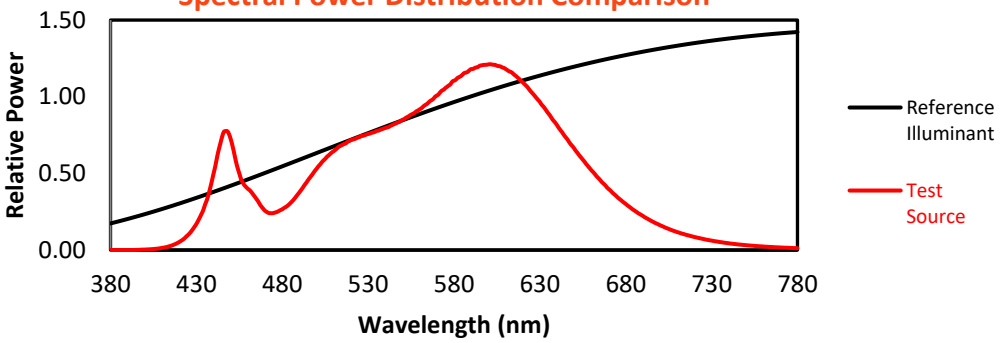
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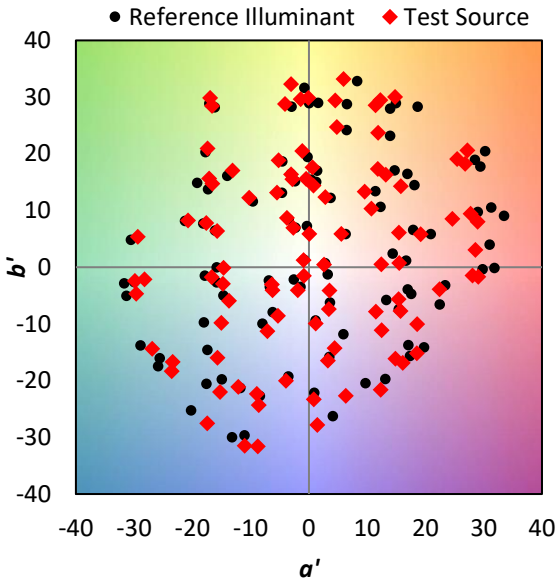
Summary

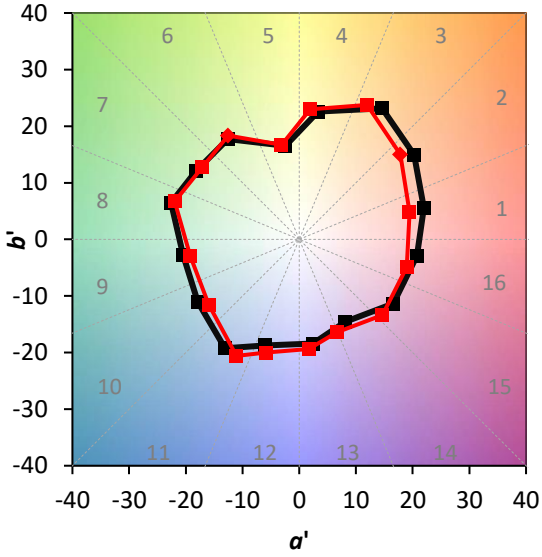
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

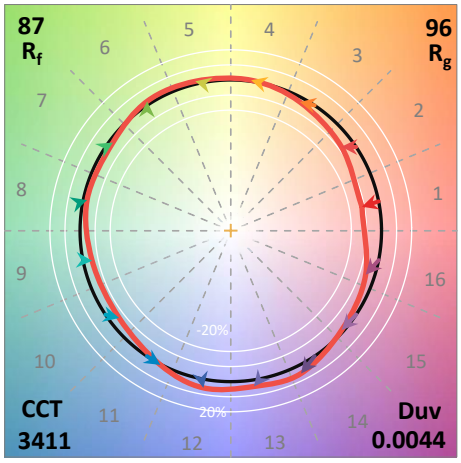
Spectral Power Distribution Comparison

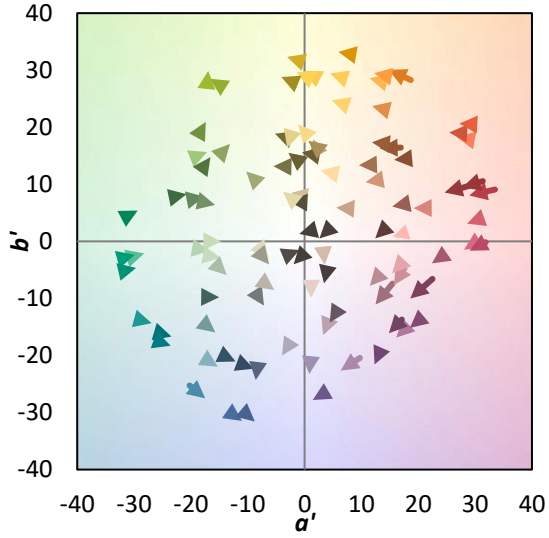


Color Vector Graphics







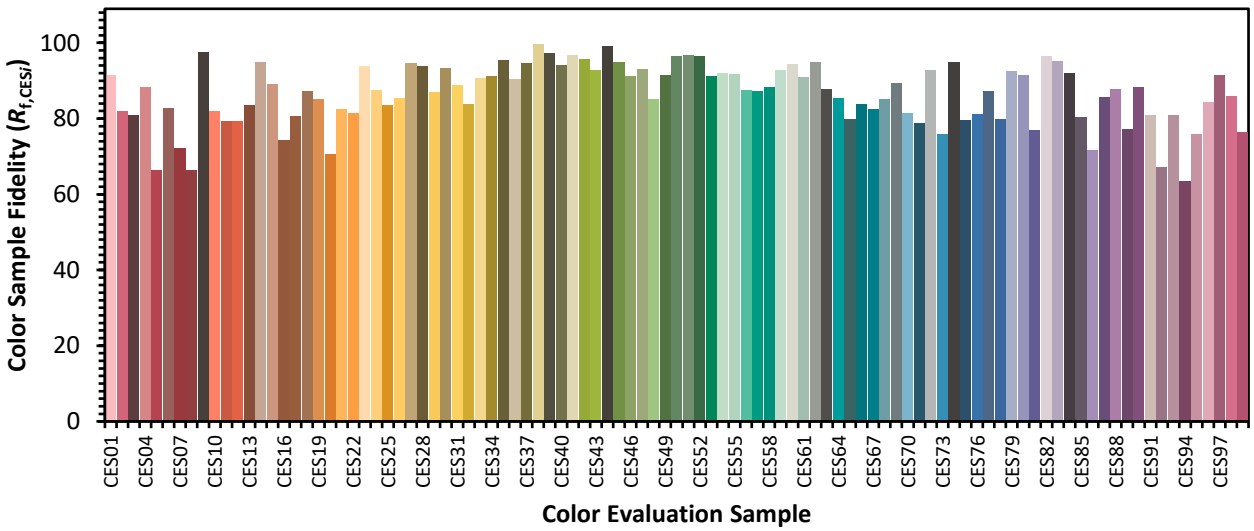


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Individual Sample Fidelity Index ($R_{f,i}$)

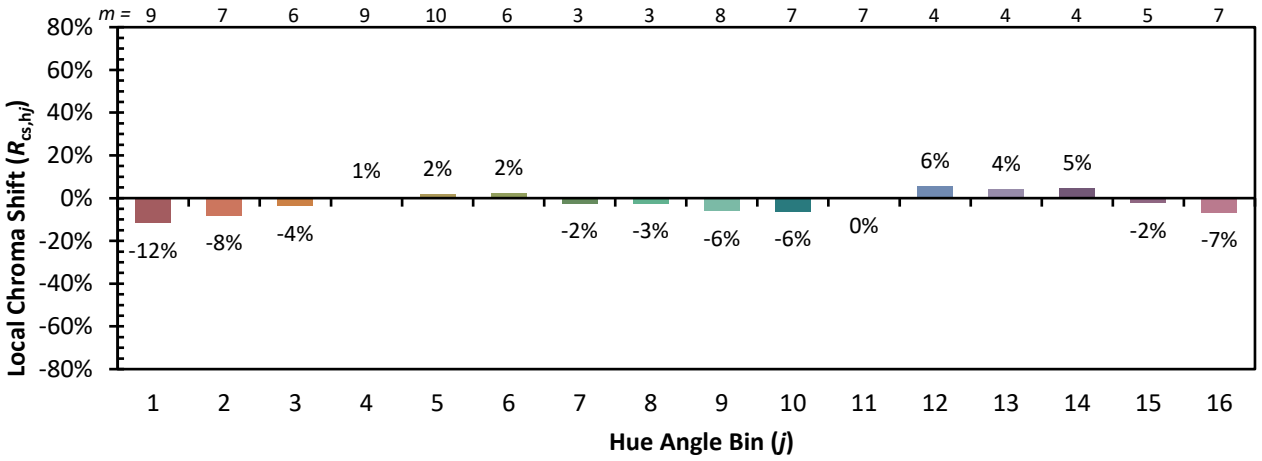
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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	

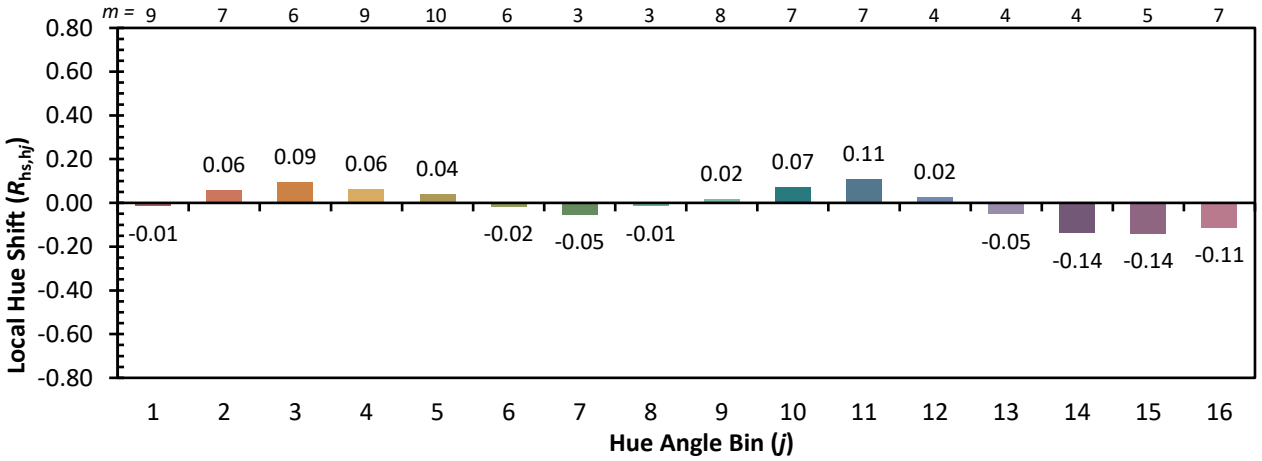


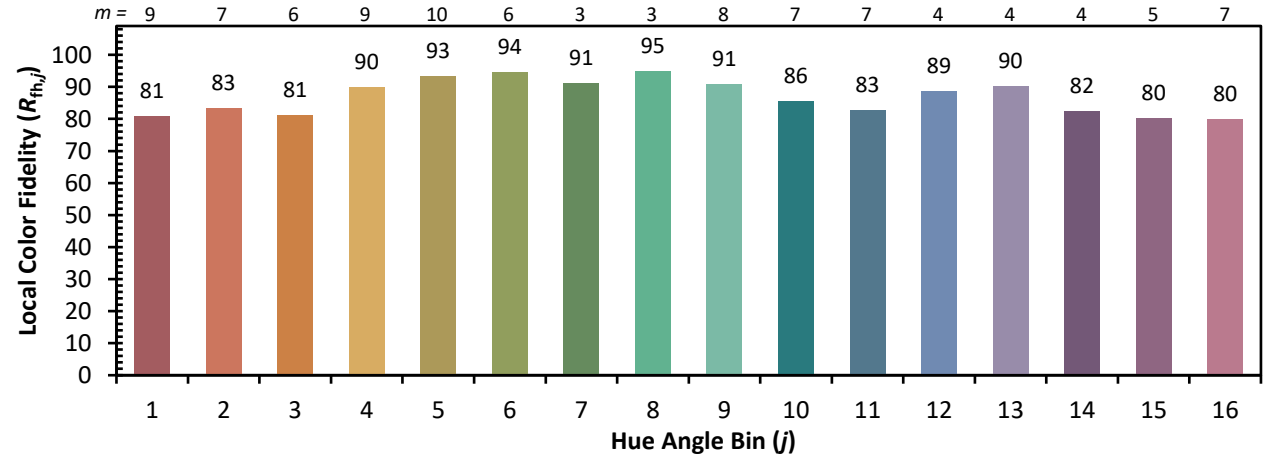
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Color Rendition by Hue-Angle Bin



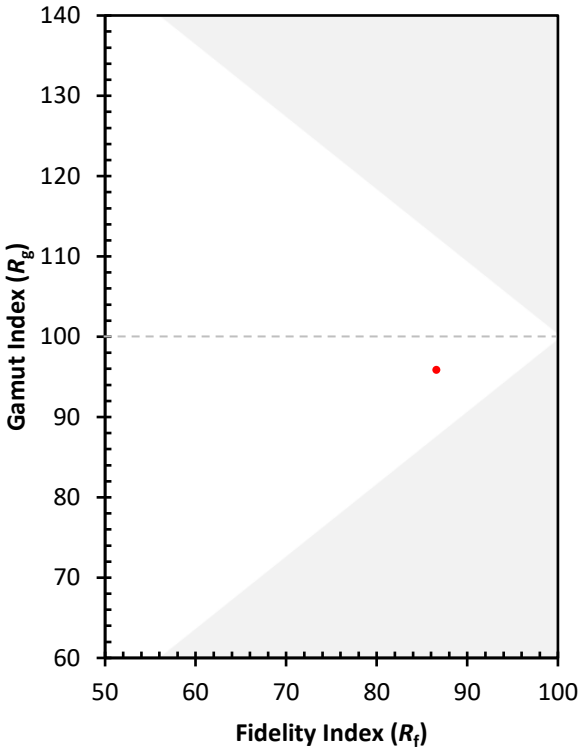


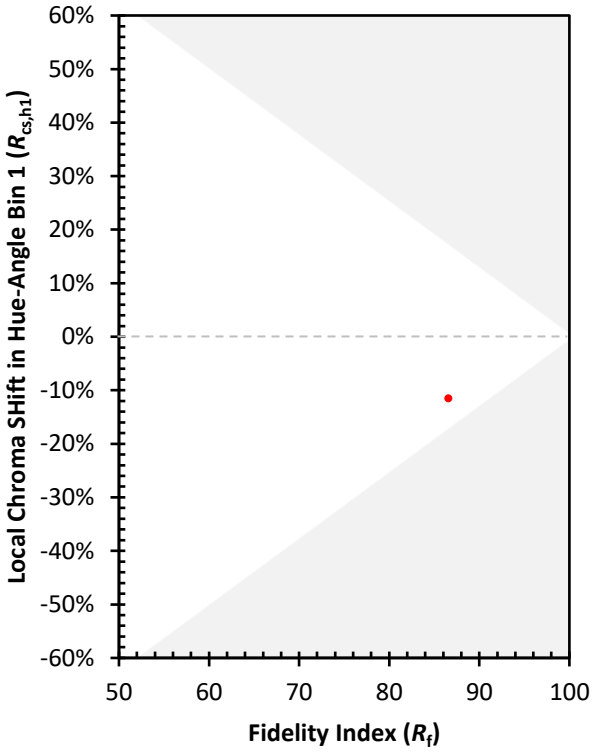


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Measure Comparisons





(END OF REPORT)