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: P1501142

Luminaire Tested: GSS-SB3B-830-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:	P1501142
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB3B-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 3SQUARE 109W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14477.2 lumens
Efficiency:	N/A
Efficacy:	132.8 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

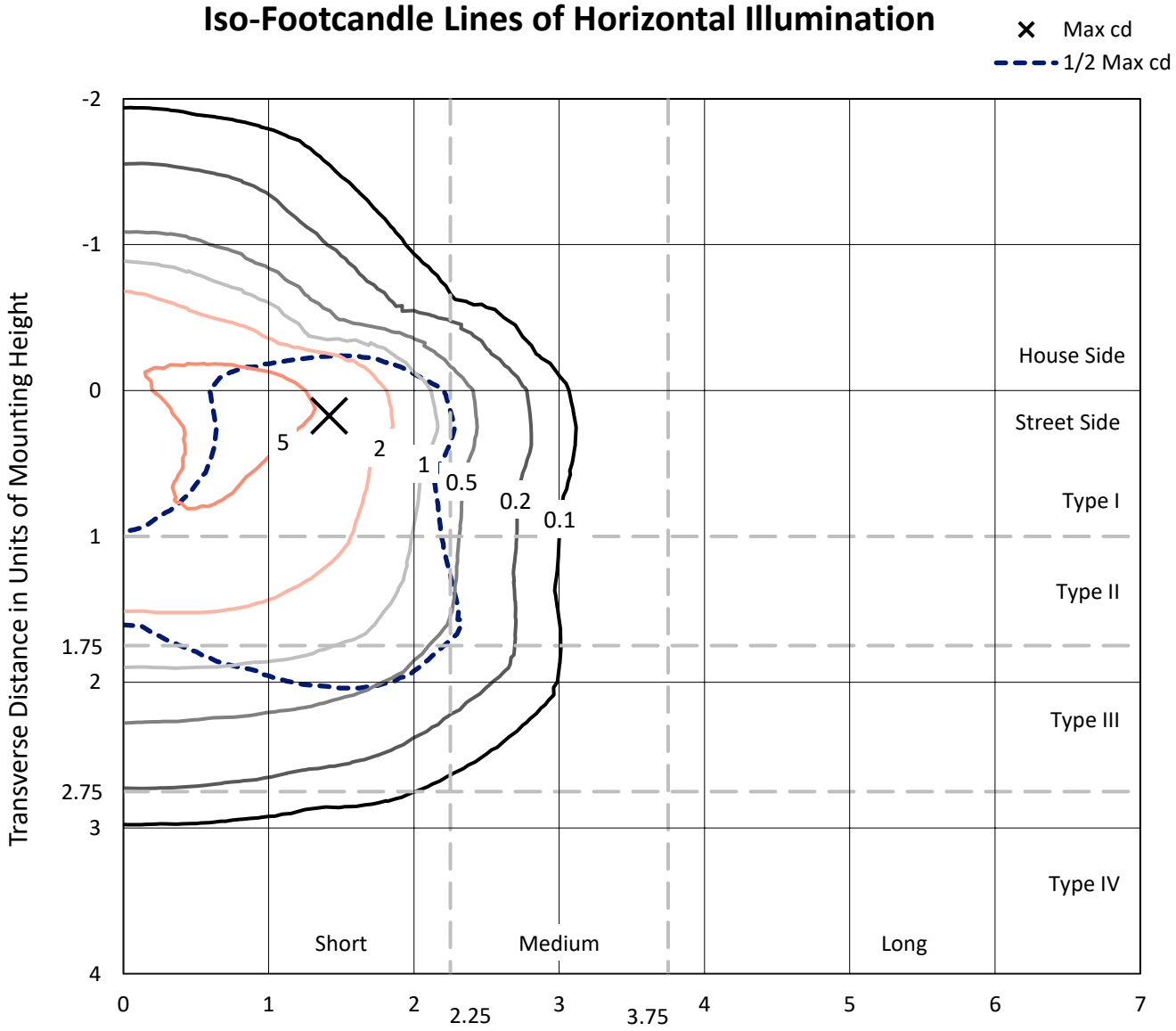
Input Watts (W):	109
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.7%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501142
CATALOG NUMBER: GSS-SB3B-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



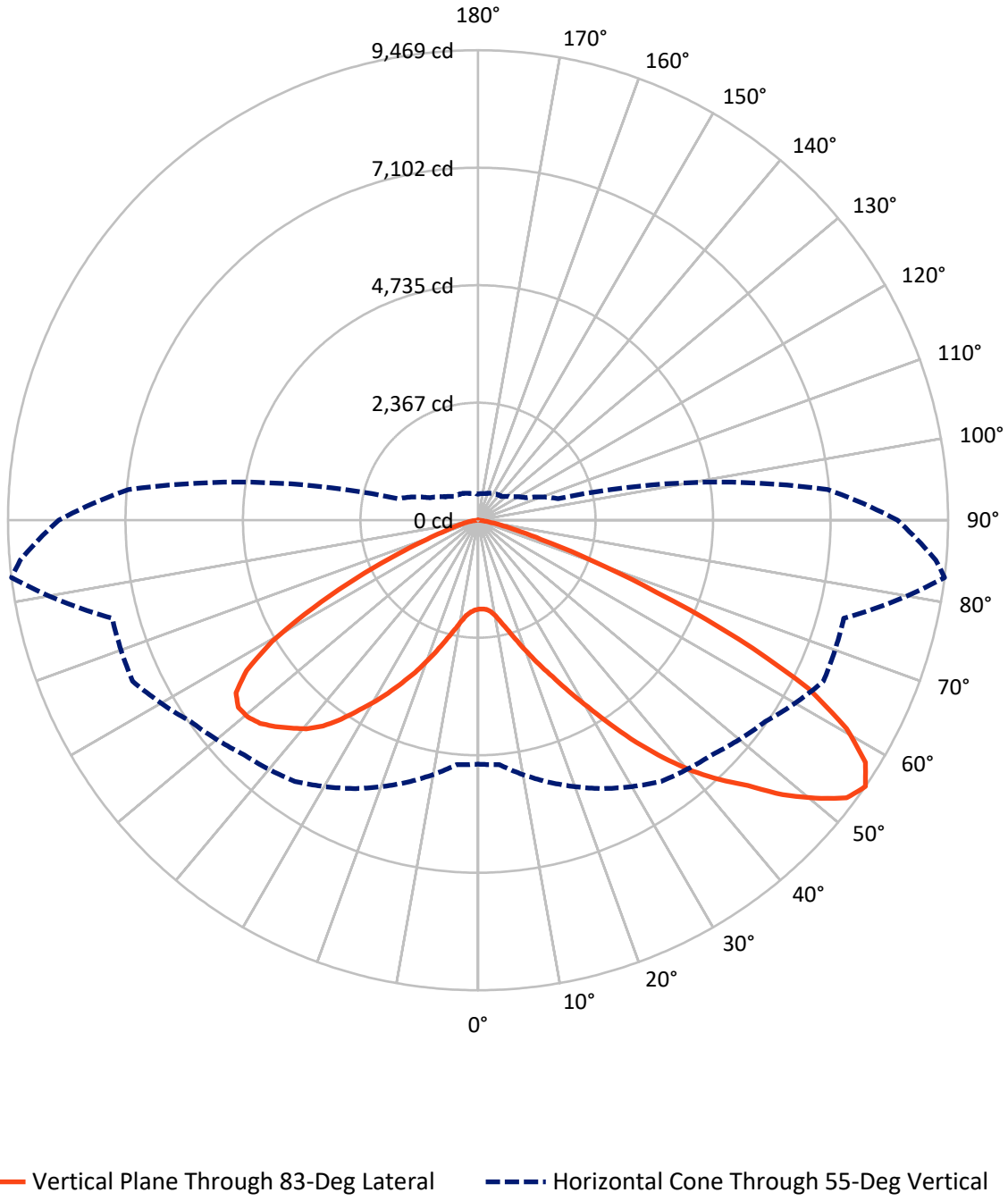
Based on 20 foot mounting height. Maximum calculated value = 7.6 fc
Type III - Short - N/A

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REPORT NUMBER: P1501142
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Luminous Intensity Polar Plot



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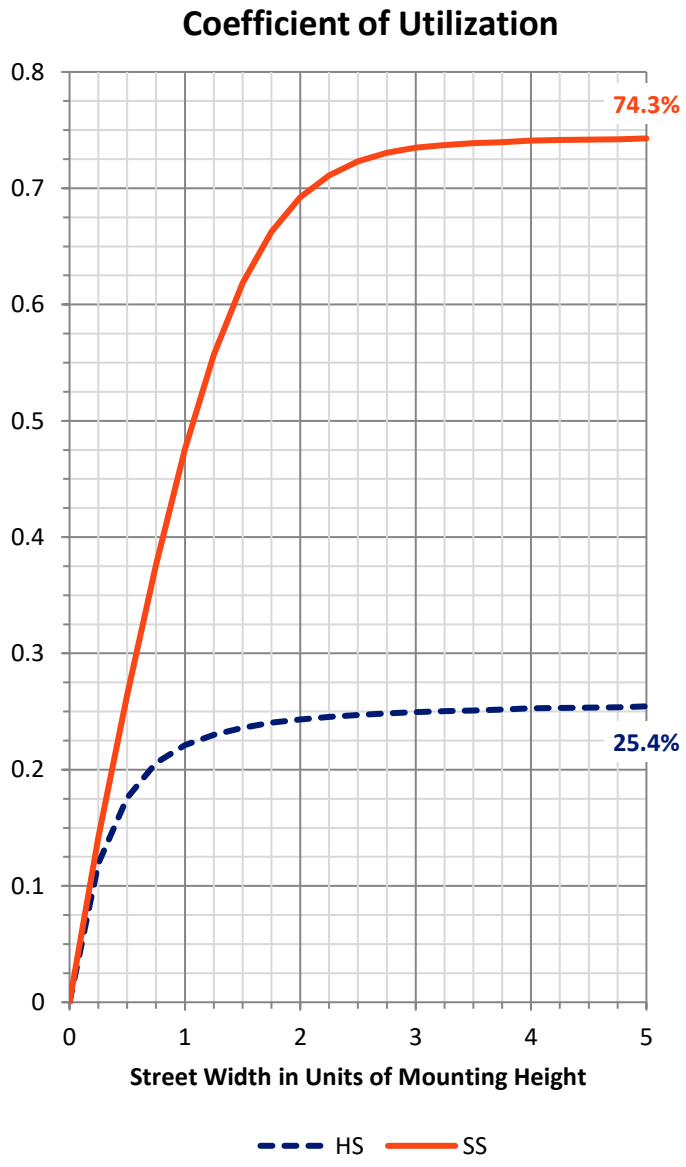
REPORT NUMBER: P1501142
CATALOG NUMBER: GSS-SB3B-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3715.2	0.0	3715.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	10762.1	0.0	10762.1
	% Fixture	74.3	0.0	74.3
Total	Lumens	14477.2	0.0	14477.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	173.2	1.2
10°-20°	564.1	3.9
20°-30°	1129.3	7.8
30°-40°	2009.2	13.9
40°-50°	3027.8	20.9
50°-60°	3689.6	25.5
60°-70°	2983.6	20.6
70°-80°	817.2	5.6
80°-90°	83.2	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°	14477.2	100.0
0°-180°	14477.2	100.0



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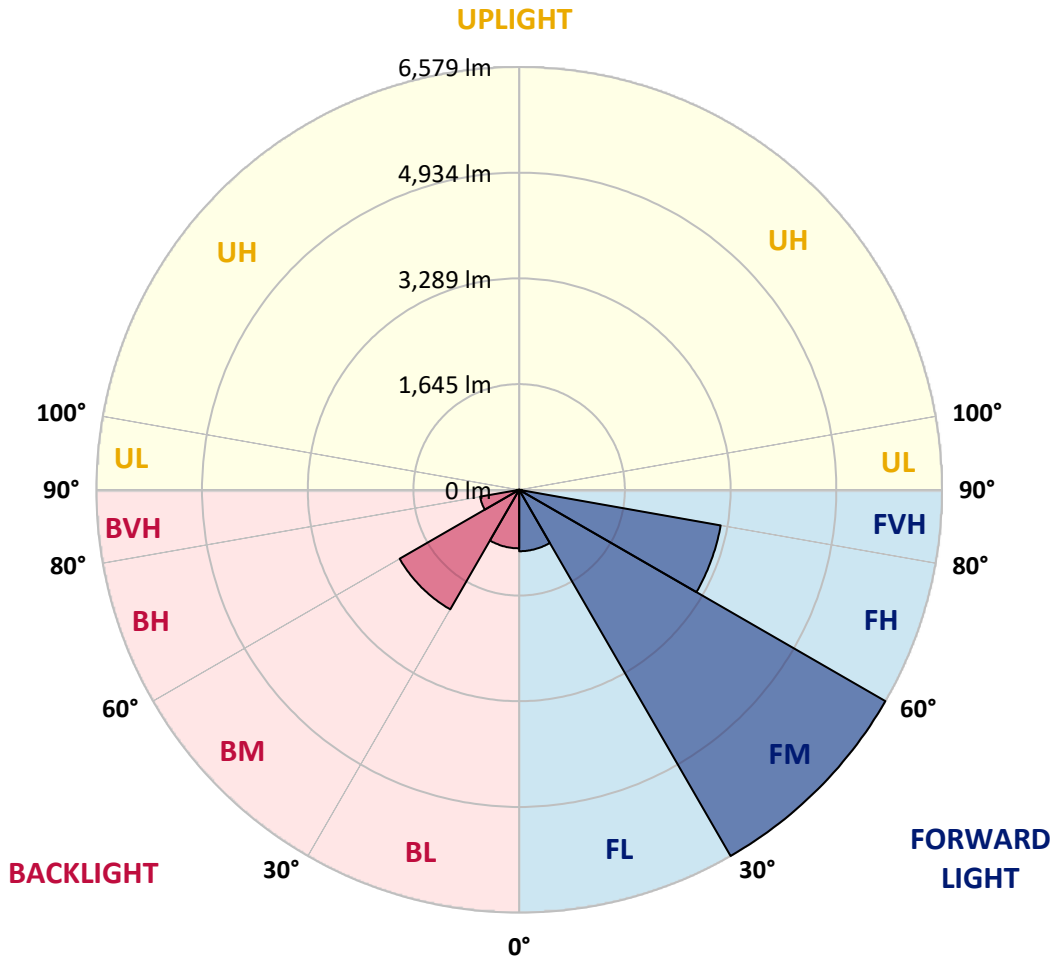
Scaled Data Report

REPORT NUMBER: P1501142
CATALOG NUMBER: GSS-SB3B-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	955.9	6.6			
FM	(30°-60°)	6578.9	45.4			
FH	(60°-80°)	3183.9	22.0			G2/5000
FVH	(80°-90°)	43.3	0.3			G1/100
BL	(0°-30°)	910.7	6.3	B2/1000		
BM	(30°-60°)	2147.8	14.8	B2/2500		
BH	(60°-80°)	616.8	4.3	B2/1000		G2/1000
BVH	(80°-90°)	39.9	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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REPORT NUMBER: P1501142
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	*1792.1*	1792.1
2.5°	1740.6	1737.4	1734.2	1731.0	1737.4	1747.1	1756.7	1763.2	1779.3	*1792.1*	1785.7
5°	1602.3	1595.9	1602.3	1628.0	1650.6	1689.2	1727.8	1753.5	1788.9	*1805.0*	1811.4
7.5°	1480.0	1473.6	1480.0	1512.2	1550.8	1612.0	1692.4	1756.7	1821.1	*1859.7*	1866.1
10°	1480.0	1483.3	1483.3	1496.1	1515.4	1576.6	1673.1	1795.3	1908.0	*1962.7*	1975.5
12.5°	1528.3	1528.3	1528.3	1544.4	1557.3	1605.5	1714.9	1866.1	2046.3	*2126.7*	2136.4
15°	1592.6	1589.4	1599.1	1608.7	1631.3	1679.5	1788.9	1969.1	2197.5	*2319.8*	2332.7
17.5°	1682.7	1676.3	1686.0	1708.5	1740.6	1795.3	1904.7	2110.7	2406.7	*2561.1*	2580.4
20°	1782.5	1779.3	1798.6	1834.0	1879.0	1946.6	2072.0	2281.2	2644.8	*2841.0*	2876.4
22.5°	1901.5	1895.1	1930.5	1994.8	2056.0	2133.2	2284.4	2503.2	2918.2	*3153.1*	3188.5
25°	2036.7	2036.7	2084.9	2162.1	2255.4	2393.8	2545.0	2786.3	3240.0	*3491.0*	3545.6
27.5°	2258.7	2274.7	2294.1	2374.5	2506.4	2693.0	2853.9	3127.4	3590.7	*3906.0*	3925.3
30°	2619.0	2612.6	2644.8	2699.5	2808.8	3005.1	3246.4	3539.2	4034.7	*4366.1*	4414.4
32.5°	2944.0	2953.6	2998.7	3101.6	3233.6	3400.9	3690.4	4050.8	4517.3	*4900.2*	4922.7
35°	3272.2	3278.6	3365.5	3519.9	3716.2	3902.8	4218.1	4572.0	5041.8	*5495.4*	5556.6
37.5°	3732.3	3725.8	3812.7	3944.6	4208.4	4498.0	4752.2	5090.0	5543.7	*6074.6*	6145.4
40°	4076.5	4111.9	4276.0	4443.3	4691.1	4990.3	5205.9	5524.4	5955.5	*6640.9*	6705.2
42.5°	4430.5	4459.4	4678.2	4929.2	5189.8	5392.5	5559.8	5855.8	6283.7	*7142.8*	7178.2
45°	4723.2	4761.9	5012.8	5331.3	5601.6	5807.5	5865.4	6142.1	6618.3	*7625.4*	7680.1
47.5°	4909.9	4951.7	5247.7	5620.9	5897.6	6116.4	6097.1	6486.4	6975.5	*8265.7*	8246.4
50°	5038.6	5064.3	5386.0	5785.0	6145.4	6290.1	6373.8	6875.7	7342.3	*8803.0*	8732.2
52.5°	5131.9	5173.7	5466.5	5904.1	6283.7	6473.5	6698.8	7326.2	7596.4	*9295.3*	9137.6
55°	*4913.1*	*4945.2*	*5460.0*	*5965.2*	*6425.3*	*6676.2*	*7068.8*	*7676.9*	*7628.6*	*9469.0*	*9256.7*
57.5°	4687.8	4713.6	5189.8	5949.1	6579.7	6927.2	7490.3	7721.9	7342.3	*9202.0*	8934.9
60°	4404.7	4424.0	4900.2	5778.6	6582.9	7123.5	7705.8	7393.7	6811.4	*8529.5*	8275.3
62.5°	3883.5	3883.5	4407.9	5318.5	6422.1	7223.2	7647.9	6772.8	6100.3	*7471.0*	7120.3
65°	3368.7	3346.2	3700.1	4498.0	5994.1	7197.5	7213.6	5987.7	4996.7	*5762.5*	5489.0
67.5°	2808.8	2812.1	3021.2	3651.8	4855.2	6660.2	6296.6	4626.7	3481.3	*3880.3*	3738.7
70°	1901.5	1949.8	2162.1	2651.2	3661.5	4720.0	5012.8	3133.8	2171.8	*2409.9*	2294.1
72.5°	723.9	733.6	981.3	1389.9	2313.4	2837.8	3497.4	1753.5	1270.9	*1328.8*	1335.2
75°	305.7	318.5	418.3	585.6	1026.4	1547.6	1840.4	888.0	772.2	*794.7*	788.3
77.5°	205.9	212.4	254.2	315.3	463.3	621.0	769.0	501.9	473.0	*444.0*	431.1
80°	154.4	154.4	183.4	212.4	260.6	318.5	334.6	254.2	283.1	*234.9*	228.4
82.5°	99.7	106.2	115.8	125.5	148.0	157.7	135.1	138.4	164.1	*122.3*	115.8
85°	48.3	51.5	54.7	57.9	57.9	54.7	48.3	61.1	83.7	*51.5*	48.3
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2	3.2	*3.2*	3.2
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: P1501142
CATALOG NUMBER: GSS-SB3B-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1	1792.1
2.5°	1795.3	1808.2	1817.9	1824.3	1840.4	1837.2	1846.8	1853.3	1859.7	1869.3	1856.5
5°	1827.5	1850.0	1875.8	1895.1	1914.4	1924.0	1927.3	1933.7	1936.9	1943.3	1940.1
7.5°	1898.3	1924.0	1962.7	1982.0	1998.0	1998.0	1988.4	1985.2	1975.5	1982.0	1982.0
10°	2017.4	2056.0	2097.8	2101.0	2081.7	2059.2	2023.8	2004.5	1978.7	1972.3	1965.9
12.5°	2191.1	2242.6	2274.7	2252.2	2184.7	2101.0	2007.7	1920.8	1853.3	1824.3	1817.9
15°	2387.4	2451.7	2458.1	2393.8	2271.5	2068.8	1872.6	1776.0	1740.6	1740.6	1737.4
17.5°	2657.6	2702.7	2676.9	2522.5	2249.0	1917.6	1776.0	1760.0	1769.6	1782.5	1782.5
20°	2940.8	2992.2	2886.1	2612.6	2110.7	1827.5	1785.7	1798.6	1821.1	1834.0	1830.7
22.5°	3278.6	3304.3	3098.4	2615.8	1962.7	1805.0	1805.0	1821.1	1837.2	1856.5	1856.5
25°	3626.1	3616.4	3294.7	2496.8	1879.0	1798.6	1792.1	1805.0	1811.4	1821.1	1817.9
27.5°	4015.4	3963.9	3445.9	2306.9	1853.3	1779.3	1747.1	1734.2	1740.6	1750.3	1753.5
30°	4462.6	4340.4	3568.2	2187.9	1843.6	1734.2	1657.0	1621.6	1615.2	1628.0	1628.0
32.5°	4980.6	4716.8	3642.2	2171.8	1834.0	1653.8	1550.8	1483.3	1470.4	1476.8	1492.9
35°	5511.5	5170.5	3622.9	2213.6	1837.2	1589.4	1438.2	1348.1	1335.2	1341.7	1357.8
37.5°	6068.1	5601.6	3548.9	2278.0	1811.4	1502.6	1335.2	1225.9	1206.5	1219.4	1225.9
40°	6499.3	5965.2	3365.5	2303.7	1766.4	1393.2	1216.2	1122.9	1071.4	1068.2	1084.3
42.5°	6898.2	6251.5	3166.0	2261.9	1673.1	1277.3	1093.9	1000.6	920.2	859.1	859.1
45°	7297.2	6541.1	2963.3	2142.8	1518.6	1155.1	965.2	839.8	746.5	701.4	704.6
47.5°	7696.2	6821.0	2722.0	1962.7	1364.2	1026.4	826.9	727.1	662.8	627.4	627.4
50°	8066.2	7023.7	2413.1	1676.3	1187.2	897.7	730.4	672.5	624.2	592.0	585.6
52.5°	8391.2	7158.9	1994.8	1328.8	994.2	752.9	678.9	633.8	598.4	563.1	553.4
55°	*8449.1*	*7068.8*	*1669.9*	*1068.2*	*820.5*	*675.7*	*640.3*	*601.7*	*553.4*	*537.3*	*527.7*
57.5°	8091.9	6592.6	1409.3	900.9	701.4	621.0	608.1	563.1	524.4	508.4	498.7
60°	7483.8	5727.1	1164.7	772.2	624.2	569.5	585.6	540.5	479.4	469.8	460.1
62.5°	6389.9	4469.1	929.8	649.9	566.3	530.9	547.0	482.6	431.1	418.3	415.1
65°	4967.8	3198.2	781.8	572.7	521.2	492.3	485.8	427.9	389.3	379.7	379.7
67.5°	3468.4	2033.4	653.1	524.4	463.3	444.0	440.8	402.2	376.4	366.8	366.8
70°	2123.5	1232.3	550.2	479.4	408.6	373.2	395.7	389.3	350.7	341.1	337.8
72.5°	1103.6	736.8	482.6	440.8	344.3	318.5	353.9	357.1	325.0	337.8	334.6
75°	640.3	511.6	421.5	389.3	273.5	267.0	308.9	341.1	315.3	325.0	318.5
77.5°	366.8	328.2	325.0	318.5	215.6	218.8	276.7	305.7	270.3	279.9	257.4
80°	202.7	212.4	225.2	199.5	151.2	170.5	222.0	244.5	205.9	202.7	186.6
82.5°	106.2	131.9	151.2	128.7	86.9	103.0	151.2	151.2	131.9	125.5	122.3
85°	48.3	54.7	70.8	64.3	32.2	38.6	70.8	77.2	67.6	61.1	57.9
87.5°	3.2	3.2	3.2	3.2	3.2	3.2	6.4	9.7	3.2	3.2	3.2
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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

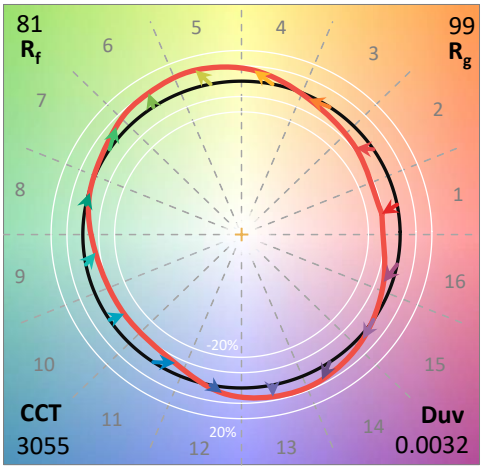
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

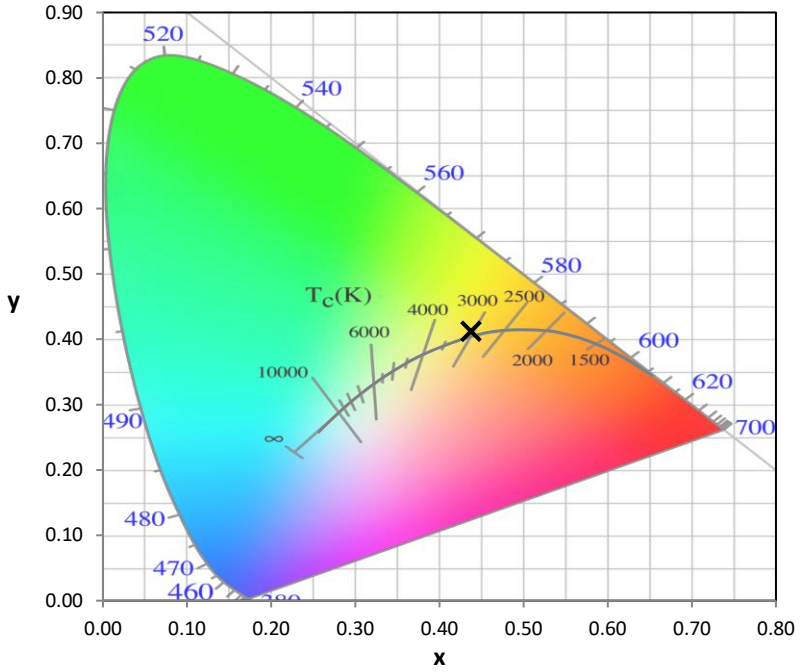
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

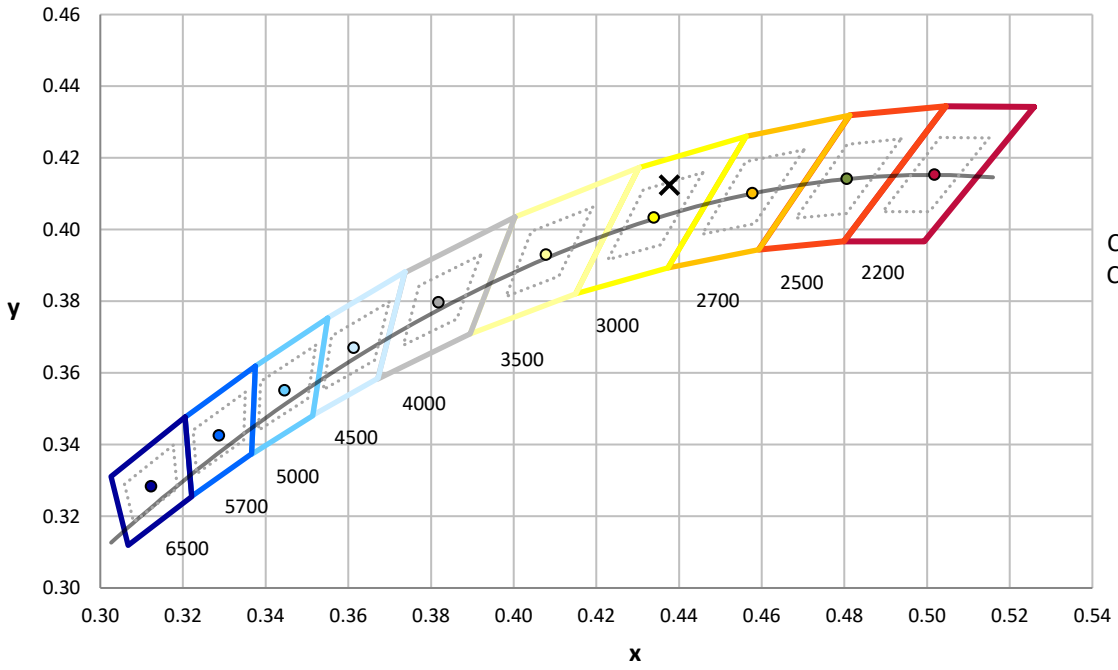
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



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

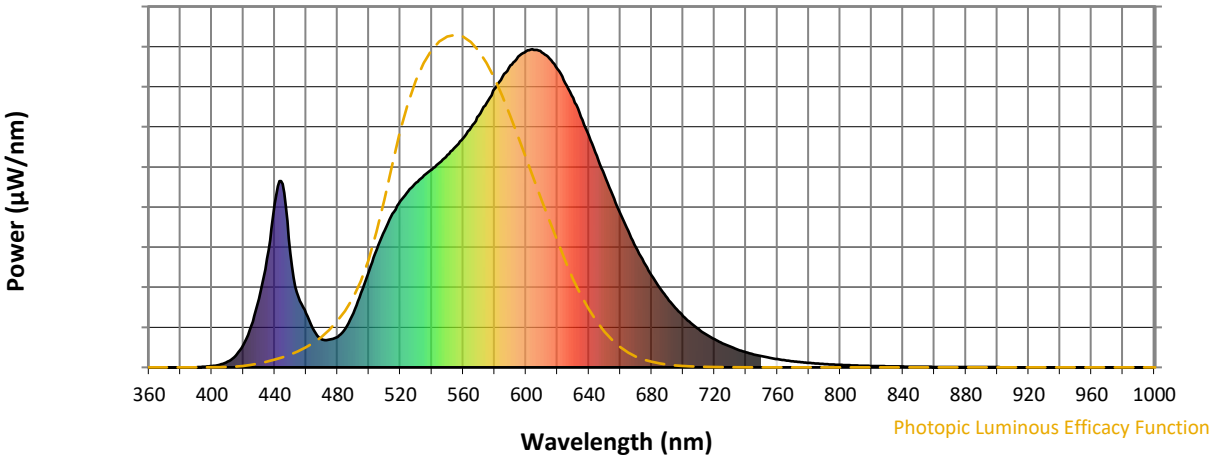


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

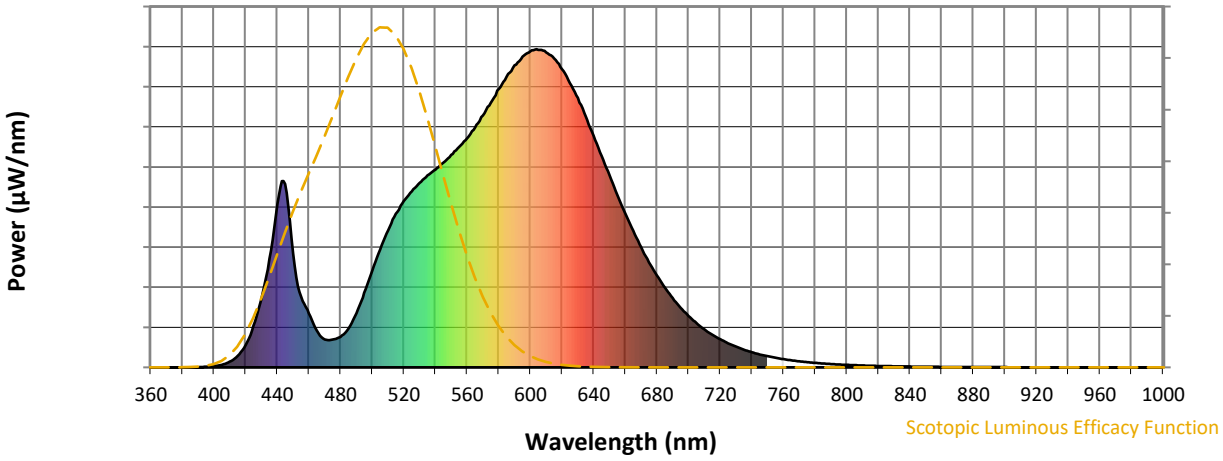


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

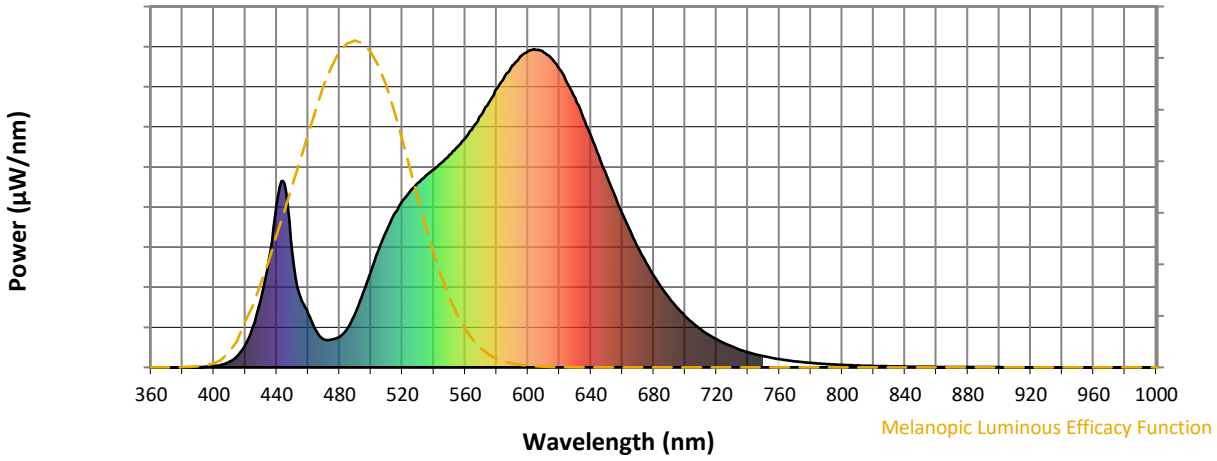


Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

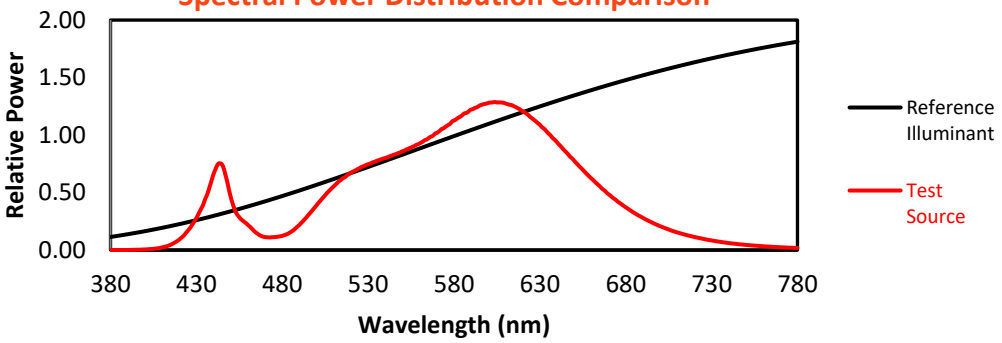
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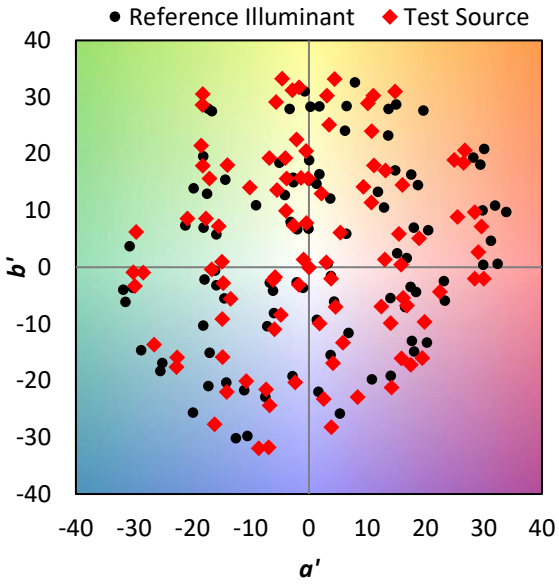
Summary

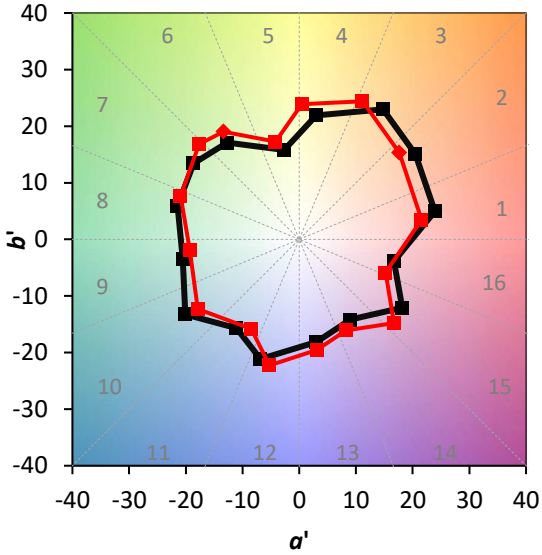
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

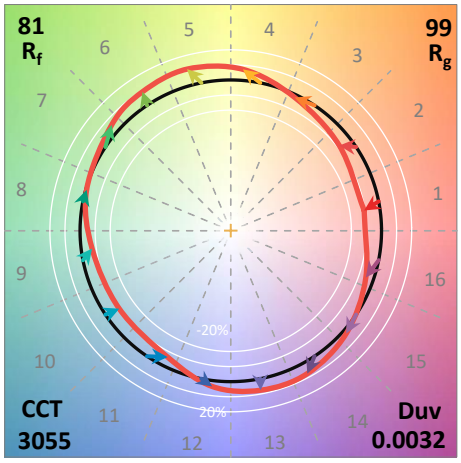
Spectral Power Distribution Comparison

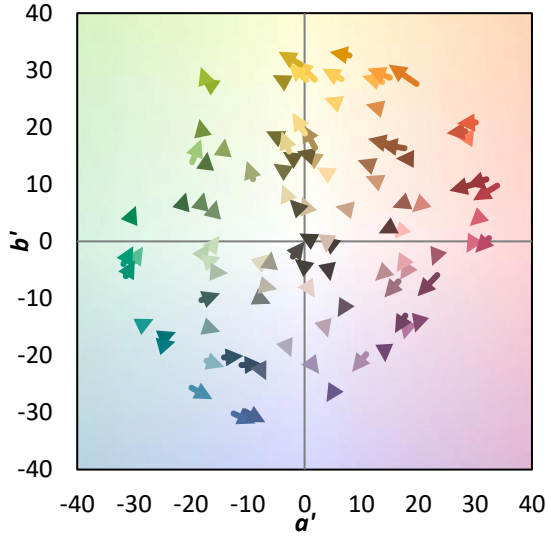


Color Vector Graphics







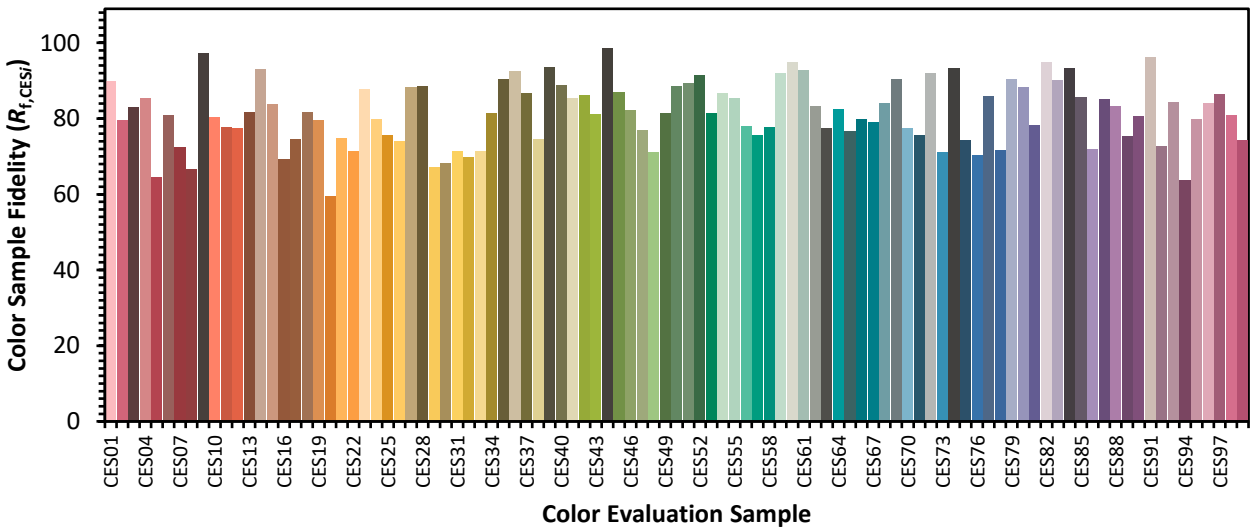


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Individual Sample Fidelity Index ($R_{f,i}$)

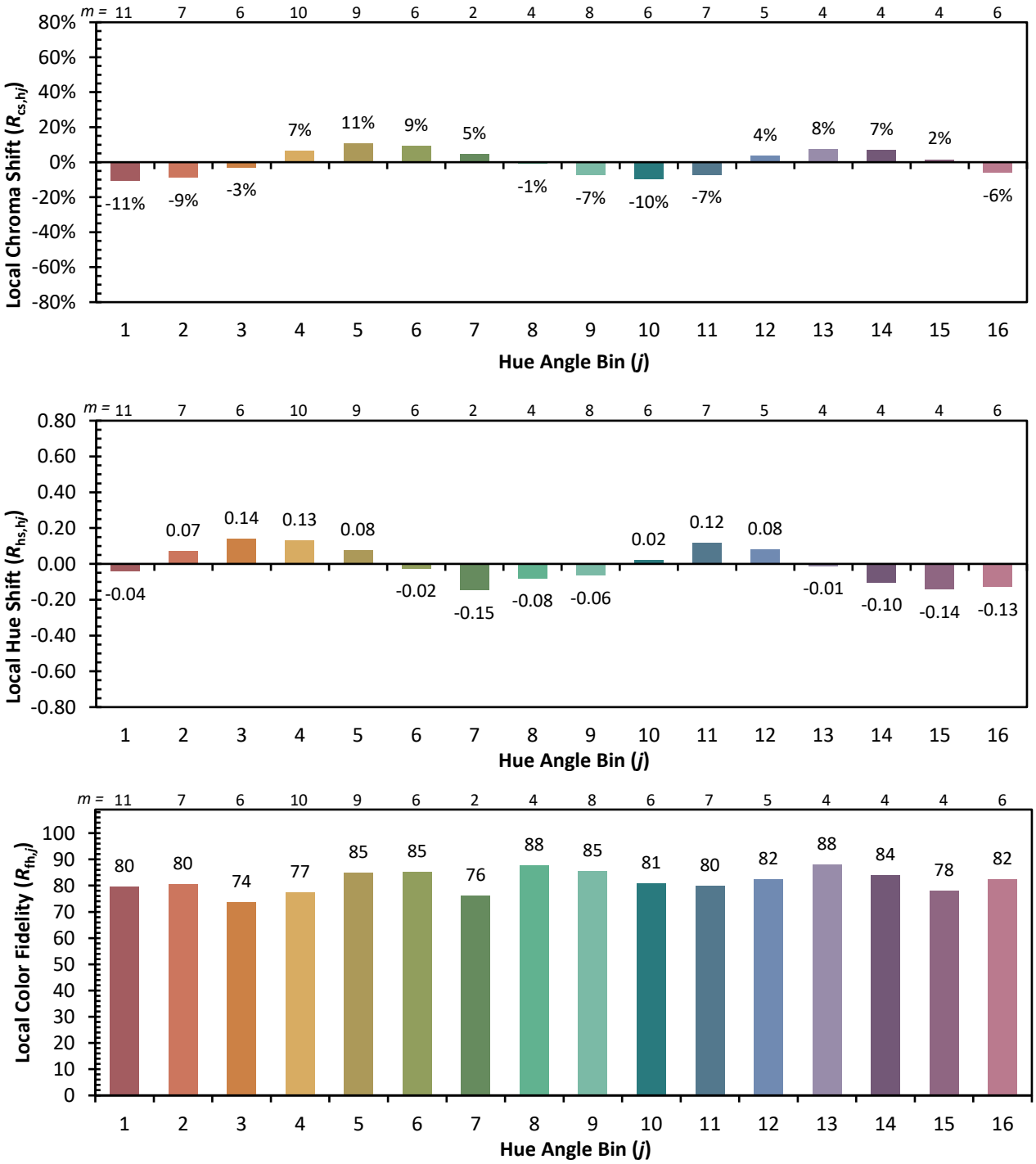
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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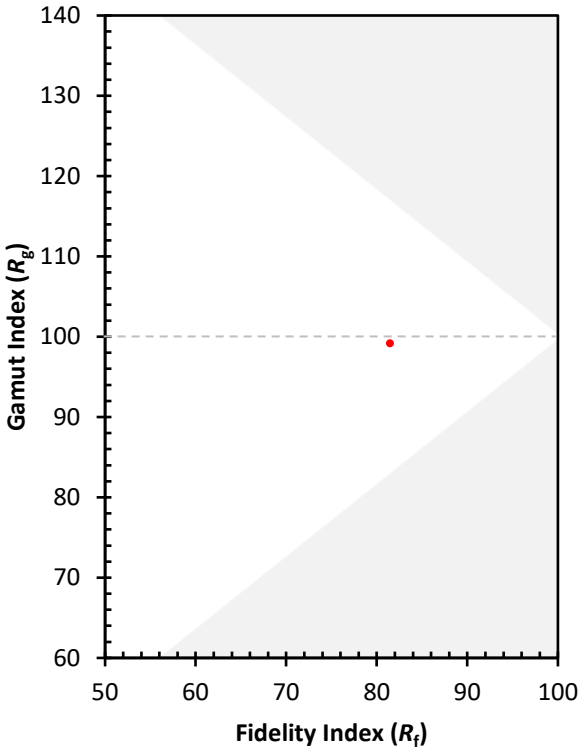
Color Rendition by Hue-Angle Bin

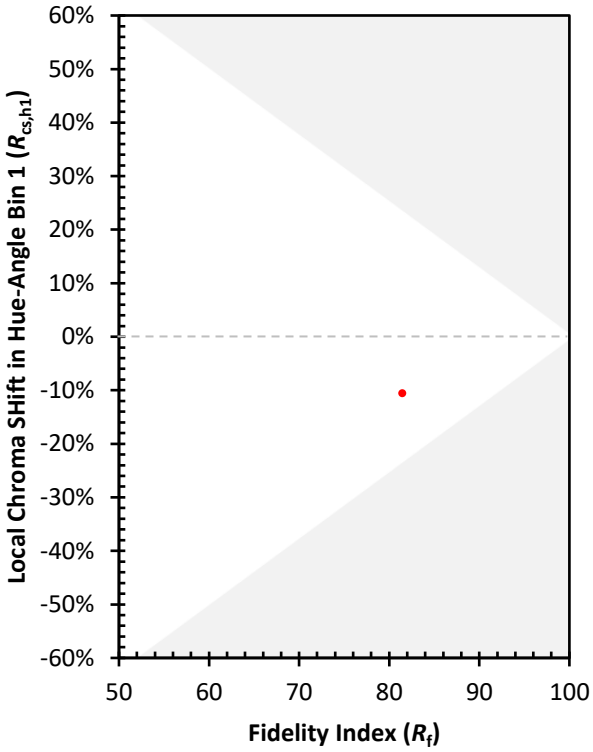


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Measure Comparisons





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