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: P1502674

Luminaire Tested: GSS-SB2B-830-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:	P1502674
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2B-830-U-T4LG-HSS
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 74W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE W/ HOUSE SIDE SHIELD
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7586.4 lumens
Efficiency:	N/A
Efficacy:	102.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G1

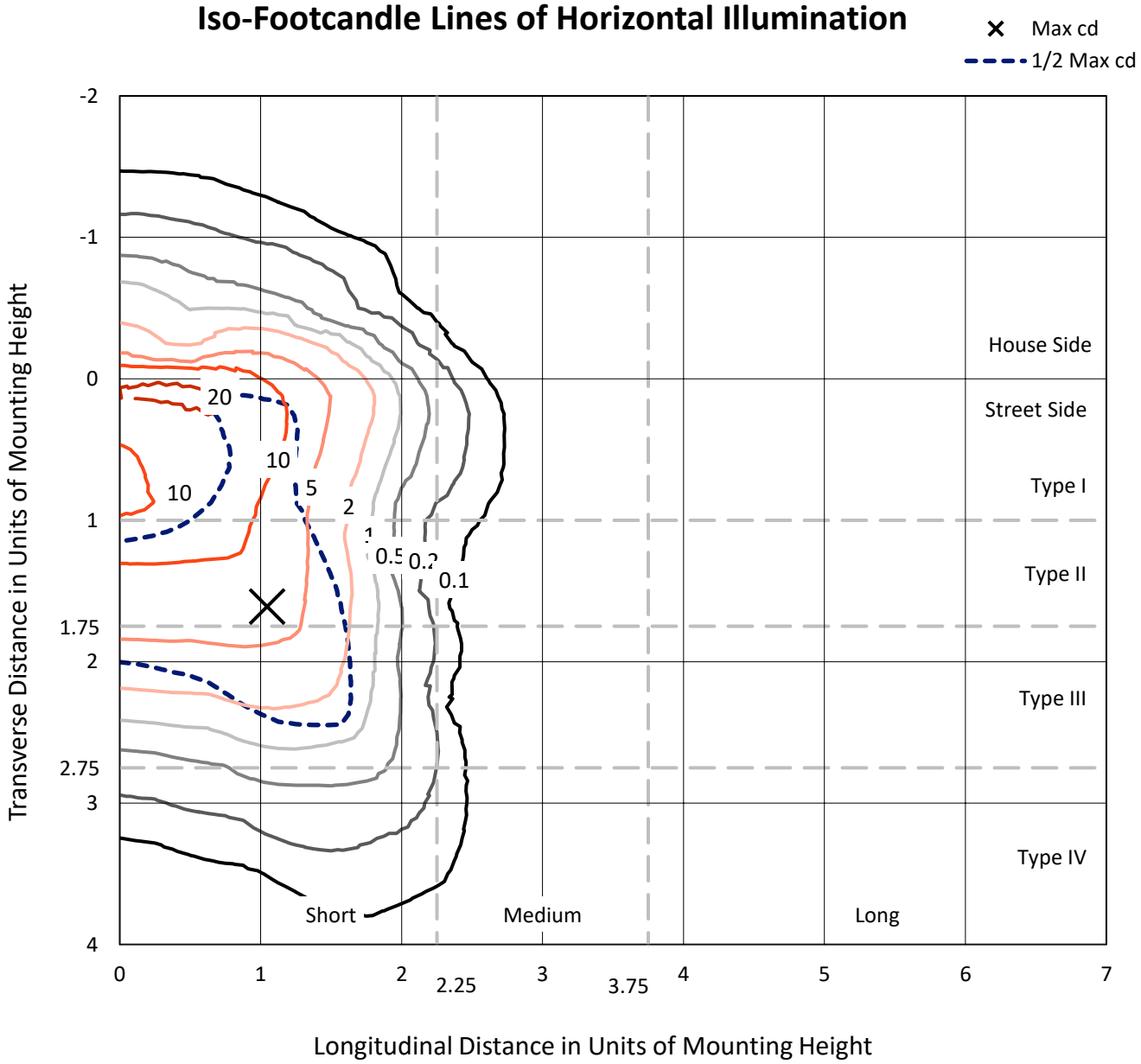
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	13.6%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1502674
CATALOG NUMBER: GSS-SB2B-830-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



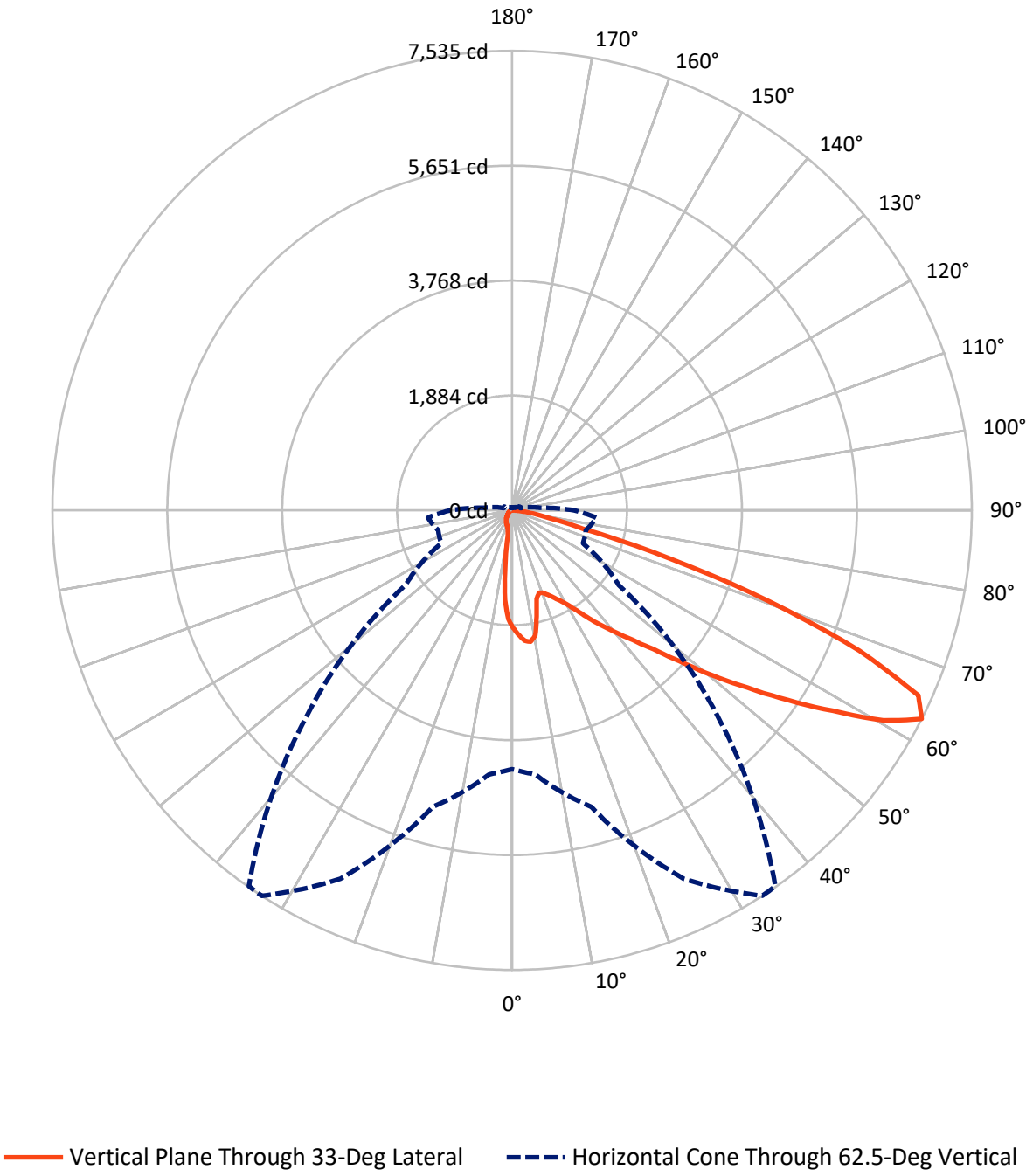
Based on 10 foot mounting height. Maximum calculated value = 23 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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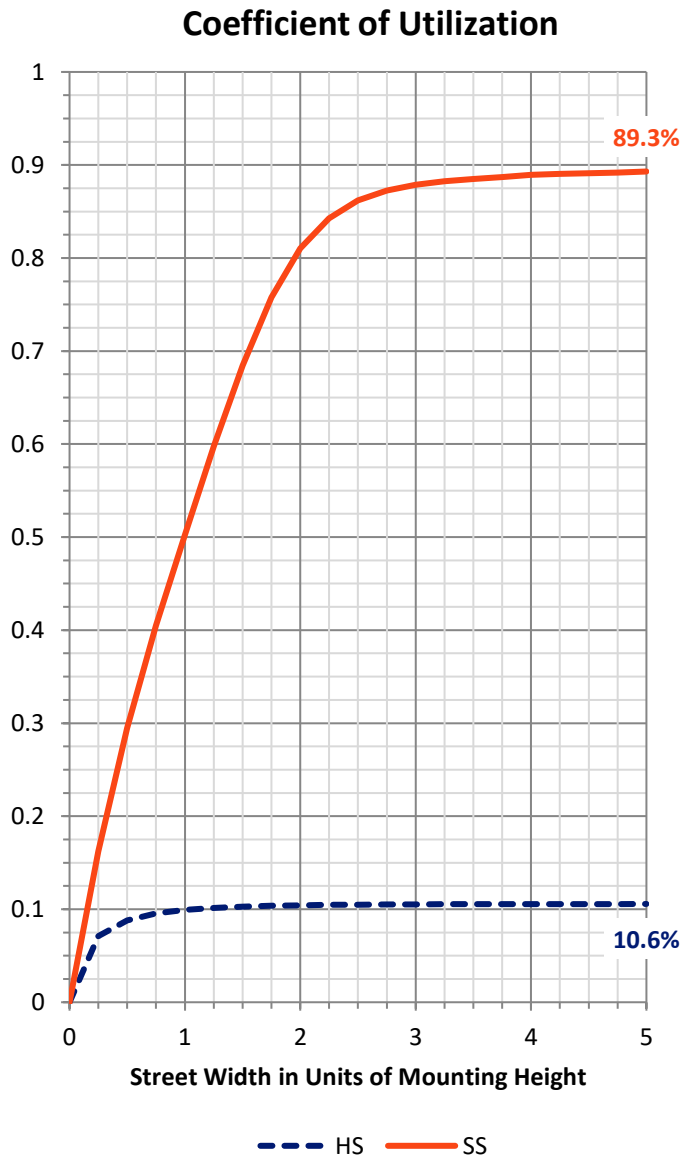
REPORT NUMBER: P1502674
CATALOG NUMBER: GSS-SB2B-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	807.2	0.0	807.2
	% Fixture	10.6	0.0	10.6
Street Side	Lumens	6779.2	0.0	6779.2
	% Fixture	89.4	0.0	89.4
Total	Lumens	7586.4	0.0	7586.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.8	2.2
10°-20°	365.6	4.8
20°-30°	589.2	7.8
30°-40°	980.2	12.9
40°-50°	1549.3	20.4
50°-60°	2081.5	27.4
60°-70°	1528.0	20.1
70°-80°	302.4	4.0
80°-90°	26.3	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°	7586.4	100.0
0°-180°	7586.4	100.0



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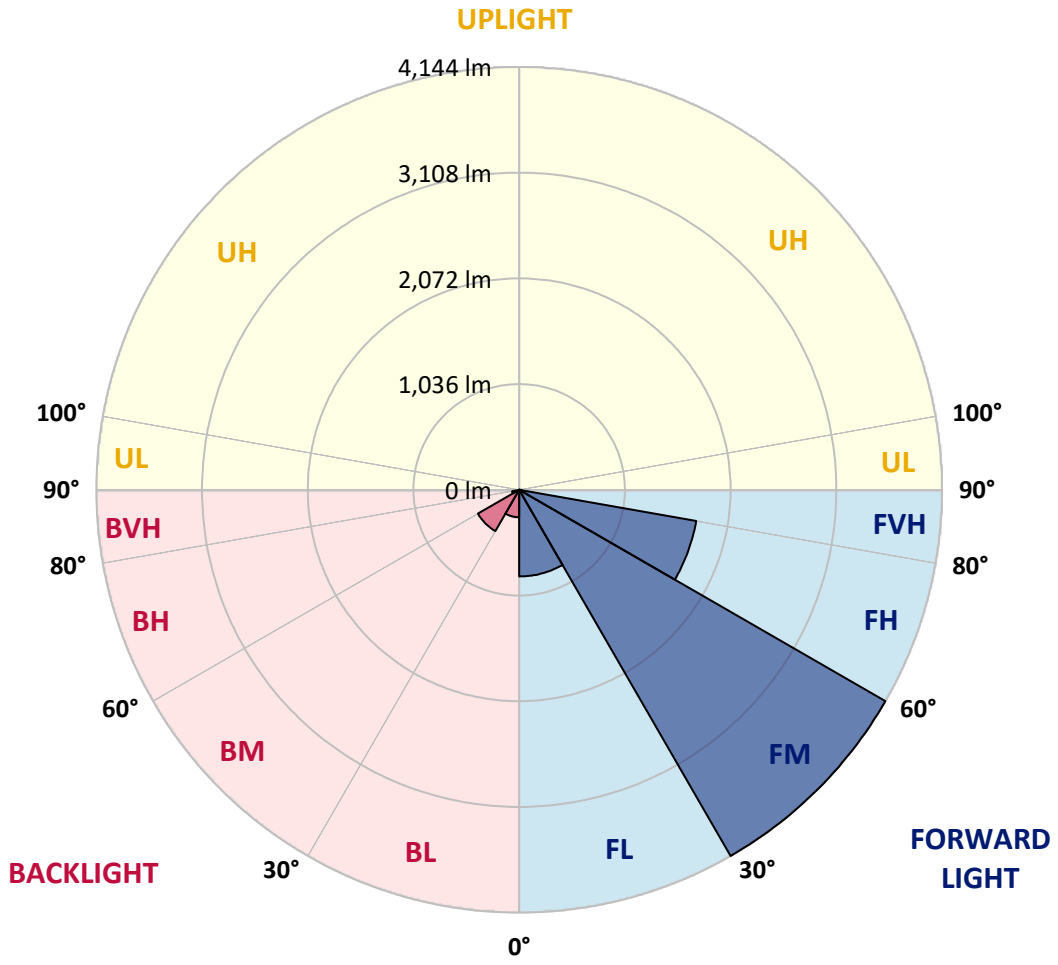
Scaled Data Report

REPORT NUMBER: P1502674
CATALOG NUMBER: GSS-SB2B-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	849.3	11.2			
FM	(30°-60°)	4144.1	54.6			
FH	(60°-80°)	1761.5	23.2			G1/1800
FVH	(80°-90°)	24.3	0.3			G1/100
BL	(0°-30°)	269.3	3.6	B1/500		
BM	(30°-60°)	467.0	6.2	B1/1000		
BH	(60°-80°)	69.0	0.9	B0/110		G0/110
BVH	(80°-90°)	2.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	33°	35°	45°	55°	65°	75°	85°
0°	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0
2.5°	2053.1	2061.6	2061.6	2044.5	2040.3	2031.7	2023.2	2021.0	1993.3	1971.9	1950.5
5°	2157.8	2155.6	2153.5	2145.0	2147.1	2136.4	2130.0	2119.3	2072.3	2040.3	1982.6
7.5°	2112.9	2132.1	2140.7	2164.2	2174.9	2172.7	2189.8	2194.1	2153.5	2108.6	2021.0
10°	1820.2	1809.5	1886.5	1986.9	2087.3	2110.8	2202.6	2251.8	2236.8	2196.2	2083.0
12.5°	1442.1	1452.8	1506.2	1623.7	1788.2	1839.4	2104.4	2298.8	2341.5	2315.9	2168.5
15°	1320.3	1320.3	1348.1	1403.6	1501.9	1551.0	1877.9	2292.4	2452.6	2454.7	2275.3
17.5°	1294.7	1298.9	1322.4	1358.8	1422.8	1444.2	1672.8	2198.4	2561.6	2600.0	2394.9
20°	1298.9	1305.3	1331.0	1382.3	1444.2	1469.9	1619.4	2078.7	2653.4	2758.1	2521.0
22.5°	1313.9	1311.8	1356.6	1425.0	1504.0	1527.5	1664.3	2029.6	2730.3	2939.7	2668.4
25°	1331.0	1333.1	1390.8	1486.9	1583.1	1610.9	1764.7	2074.5	2785.9	3134.1	2817.9
27.5°	1382.3	1388.7	1459.2	1563.9	1677.1	1713.4	1895.0	2192.0	2882.0	3322.1	2980.3
30°	1461.3	1467.7	1548.9	1674.9	1796.7	1852.3	2057.4	2339.4	3025.2	3540.0	3146.9
32.5°	1553.2	1561.7	1666.4	1811.7	1959.1	2012.5	2243.2	2563.7	3215.3	3762.2	3320.0
35°	1668.5	1692.0	1805.3	1978.3	2177.0	2228.3	2471.8	2817.9	3463.1	3960.9	3467.4
37.5°	1826.6	1845.9	1984.7	2200.5	2401.3	2469.7	2728.2	3085.0	3687.4	4138.2	3587.0
40°	2018.9	2036.0	2192.0	2427.0	2636.3	2694.0	2997.4	3354.2	3928.9	4236.5	3612.7
42.5°	2339.4	2386.4	2484.6	2683.3	2907.7	2980.3	3296.5	3614.8	4104.0	4255.7	3572.1
45°	2899.1	2914.1	2935.4	3029.4	3245.2	3309.3	3612.7	3841.3	4208.7	4260.0	3535.8
47.5°	3435.3	3486.6	3516.5	3559.3	3689.6	3713.1	3943.8	4044.2	4292.0	4245.0	3535.8
50°	3971.6	4010.0	4061.3	4112.6	4251.5	4260.0	4294.2	4181.0	4296.3	4123.3	3514.4
52.5°	4458.7	4471.5	4559.1	4657.4	4830.4	4877.4	4618.9	4281.4	4037.8	3738.7	3414.0
55°	4894.5	4911.6	5044.1	5244.9	5492.7	5554.7	5016.3	4087.0	3484.5	3240.9	3181.1
57.5°	5176.5	5217.1	5482.0	5924.3	6204.1	6176.4	5323.9	3631.9	2798.7	2651.3	2768.8
60°	5035.5	5091.1	5648.7	6494.7	6992.5	6911.3	5238.5	2988.8	2068.0	1961.2	2192.0
62.5°	4242.9	4345.5	5035.5	6663.5	7535.1	7522.3	4755.7	2132.1	1281.8	1254.1	1384.4
65°	2950.4	3127.7	3946.0	6099.5	7317.2	7336.4	4003.6	1241.3	593.9	737.1	809.7
67.5°	1739.0	1865.1	2542.3	4980.0	6140.0	5962.7	2721.8	574.7	297.0	448.6	429.4
70°	764.8	850.3	1457.0	3450.3	4473.6	4187.4	1328.8	279.9	226.5	271.3	237.1
72.5°	420.9	459.3	767.0	1822.4	2721.8	2587.2	448.6	185.9	194.4	203.0	170.9
75°	235.0	252.1	403.8	1053.3	1196.4	1113.1	217.9	121.8	164.5	164.5	126.0
77.5°	136.7	151.7	252.1	655.9	655.9	529.8	132.5	76.9	123.9	111.1	68.4
80°	64.1	72.6	138.9	363.2	414.5	341.8	74.8	53.4	81.2	70.5	44.9
82.5°	19.2	23.5	68.4	141.0	235.0	200.8	38.5	34.2	59.8	44.9	25.6
85°	12.8	15.0	34.2	57.7	115.4	100.4	12.8	10.7	25.6	21.4	10.7
87.5°	2.1	2.1	4.3	4.3	4.3	4.3	2.1	2.1	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

REPORT NUMBER: P1502674
CATALOG NUMBER: GSS-SB2B-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0	1927.0
2.5°	1937.7	1922.8	1888.6	1856.5	1839.4	1801.0	1786.0	1768.9	1760.4	1758.3	1745.4
5°	1946.3	1918.5	1833.0	1747.6	1657.9	1572.4	1484.8	1407.9	1345.9	1348.1	1350.2
7.5°	1971.9	1916.4	1766.8	1595.9	1403.6	1181.4	944.3	767.0	653.7	630.2	608.9
10°	2006.1	1924.9	1685.6	1369.4	991.3	623.8	440.1	376.0	348.2	341.8	344.0
12.5°	2070.2	1946.3	1583.1	1057.5	549.1	358.9	318.3	307.6	303.4	303.4	303.4
15°	2149.2	1976.2	1422.8	692.2	358.9	299.1	290.6	288.4	284.1	284.1	286.3
17.5°	2215.5	1976.2	1211.3	450.8	294.8	277.7	271.3	269.2	269.2	271.3	269.2
20°	2288.1	1961.2	974.2	339.7	273.5	258.5	254.2	254.2	254.2	256.4	256.4
22.5°	2362.9	1935.6	754.2	290.6	254.2	241.4	239.3	241.4	243.6	245.7	245.7
25°	2446.2	1903.5	596.1	269.2	237.1	226.5	226.5	226.5	228.6	232.9	235.0
27.5°	2538.1	1875.8	510.6	256.4	222.2	211.5	211.5	213.6	217.9	220.1	222.2
30°	2623.5	1875.8	482.8	262.8	215.8	203.0	198.7	200.8	205.1	209.4	209.4
32.5°	2730.3	1897.1	497.8	290.6	213.6	190.1	185.9	185.9	190.1	192.3	192.3
35°	2820.1	1937.7	549.1	329.0	222.2	179.5	170.9	168.8	173.0	170.9	173.0
37.5°	2892.7	1993.3	643.1	380.3	239.3	166.6	156.0	149.5	149.5	149.5	149.5
40°	2914.1	2048.8	762.7	414.5	237.1	151.7	136.7	130.3	128.2	126.0	126.0
42.5°	2884.2	2074.5	858.8	412.3	211.5	141.0	121.8	113.2	106.8	104.7	104.7
45°	2860.7	2087.3	893.0	358.9	192.3	128.2	109.0	98.3	91.9	89.7	87.6
47.5°	2862.8	2100.1	841.7	292.7	175.2	117.5	98.3	87.6	81.2	79.0	76.9
50°	2871.3	2078.7	713.6	243.6	160.2	106.8	87.6	79.0	72.6	70.5	68.4
52.5°	2781.6	1965.5	502.1	213.6	147.4	100.4	79.0	72.6	66.2	64.1	64.1
55°	2546.6	1694.2	339.7	190.1	136.7	91.9	72.6	68.4	62.0	57.7	57.7
57.5°	2170.6	1277.6	235.0	173.0	119.6	83.3	68.4	62.0	55.5	51.3	51.3
60°	1660.0	833.2	170.9	158.1	98.3	76.9	64.1	59.8	51.3	47.0	44.9
62.5°	*1010.5*	*467.9*	*138.9*	*138.9*	*83.3*	*72.6*	*57.7*	*53.4*	*44.9*	*38.5*	*36.3*
65°	585.4	275.6	113.2	117.5	72.6	66.2	51.3	44.9	36.3	29.9	27.8
67.5°	282.0	160.2	89.7	83.3	64.1	55.5	44.9	38.5	32.0	25.6	23.5
70°	173.0	123.9	68.4	59.8	51.3	42.7	36.3	34.2	27.8	21.4	21.4
72.5°	141.0	100.4	53.4	42.7	38.5	29.9	29.9	27.8	21.4	17.1	15.0
75°	111.1	74.8	40.6	29.9	23.5	23.5	21.4	19.2	17.1	12.8	12.8
77.5°	59.8	51.3	29.9	17.1	12.8	15.0	15.0	12.8	10.7	8.5	8.5
80°	38.5	29.9	17.1	8.5	8.5	8.5	8.5	6.4	6.4	4.3	4.3
82.5°	19.2	15.0	8.5	2.1	4.3	4.3	4.3	4.3	4.3	2.1	2.1
85°	4.3	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
87.5°	0.0	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1
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

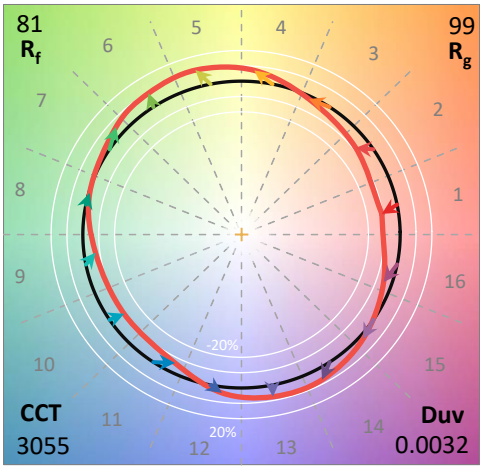
Test Information

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

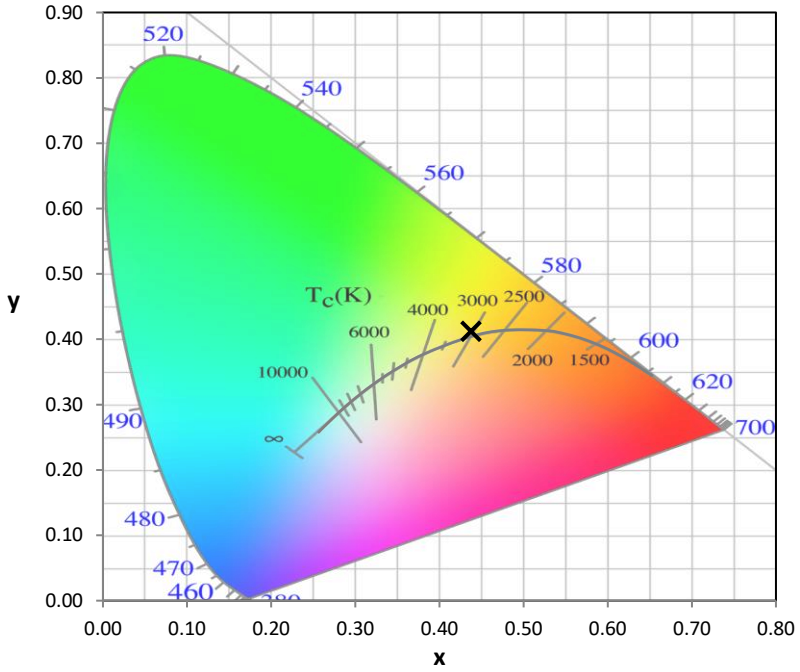
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

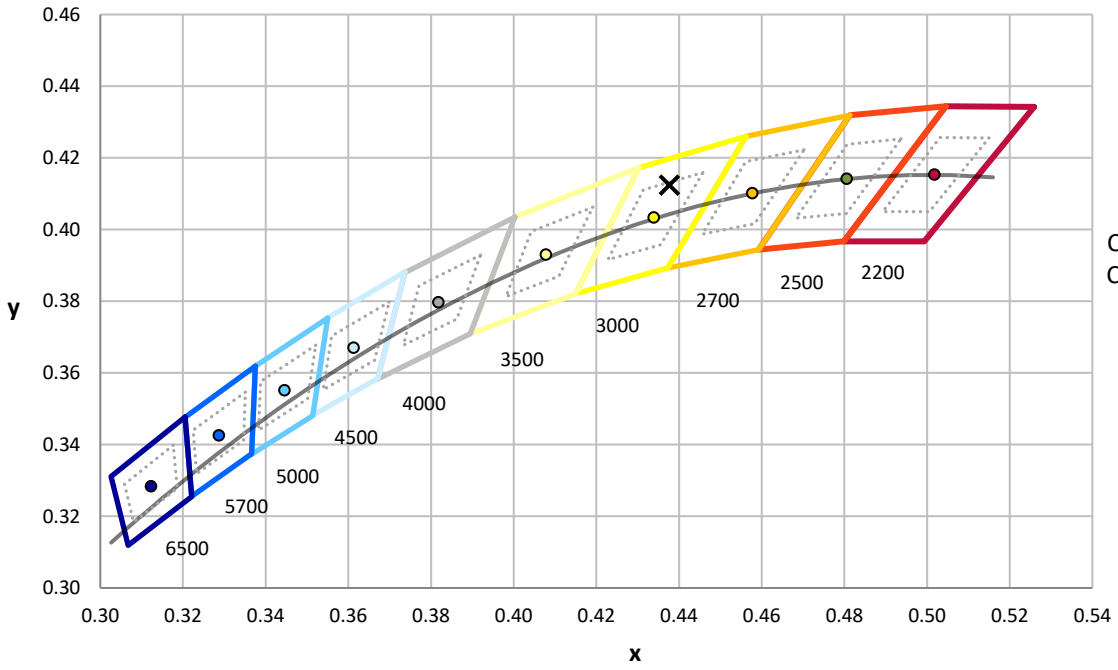
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

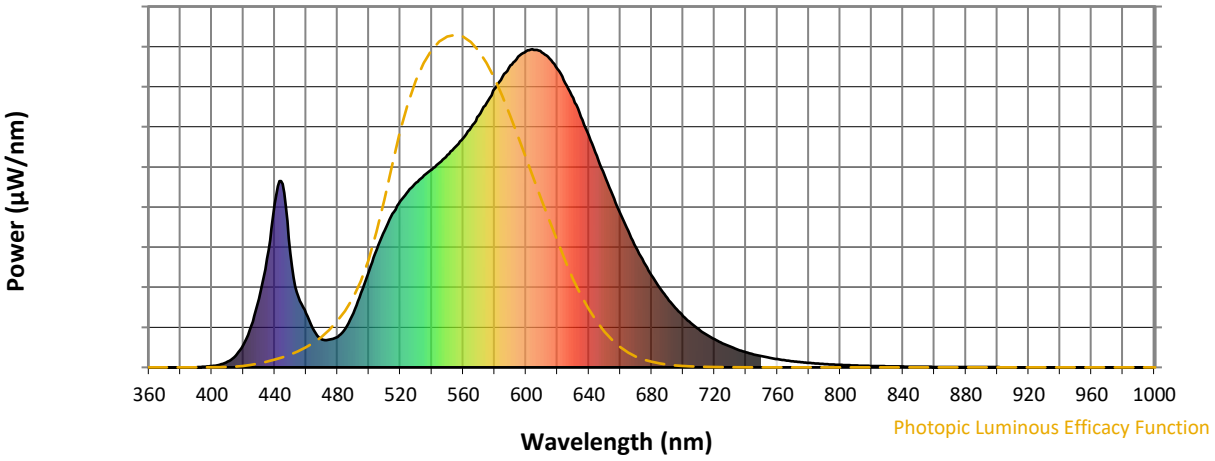


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

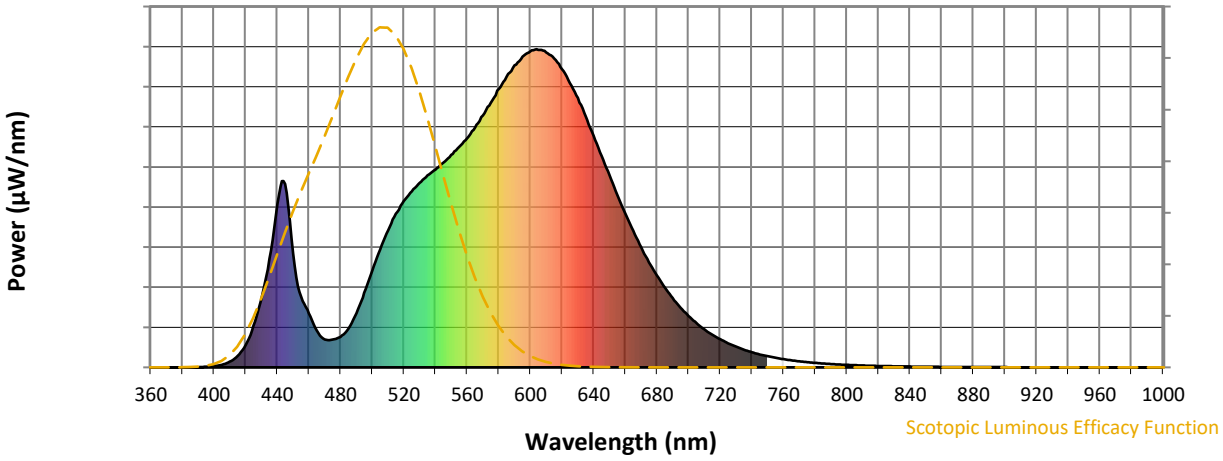


Photopic Lumens: NR

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

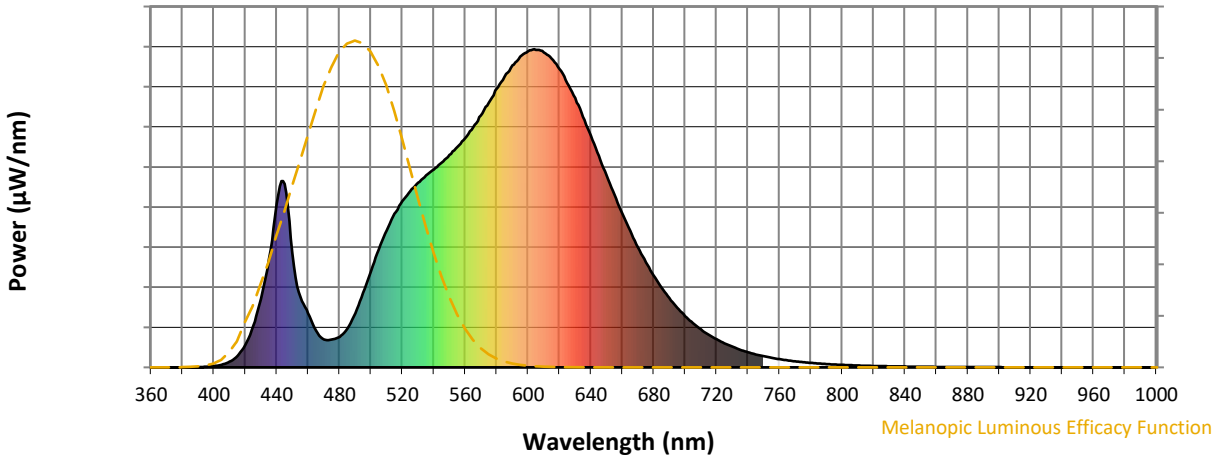


Scotopic Lumens: NR **S/P: 1.28**

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			

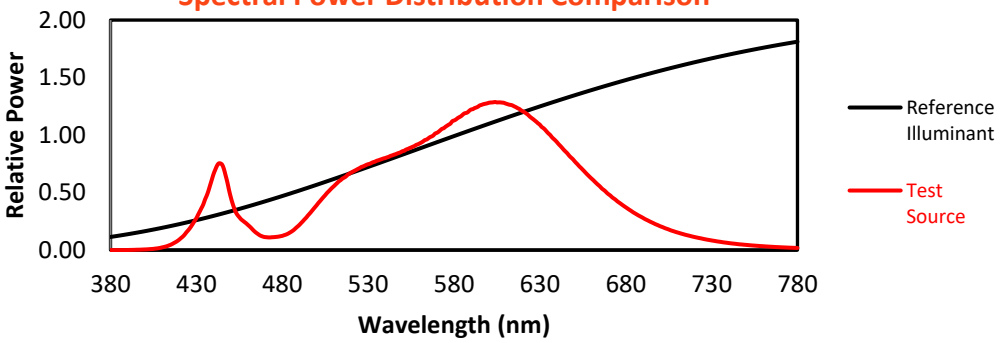
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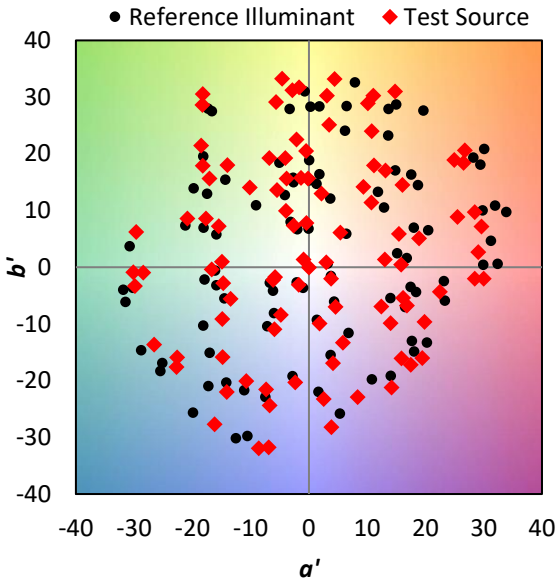
Summary

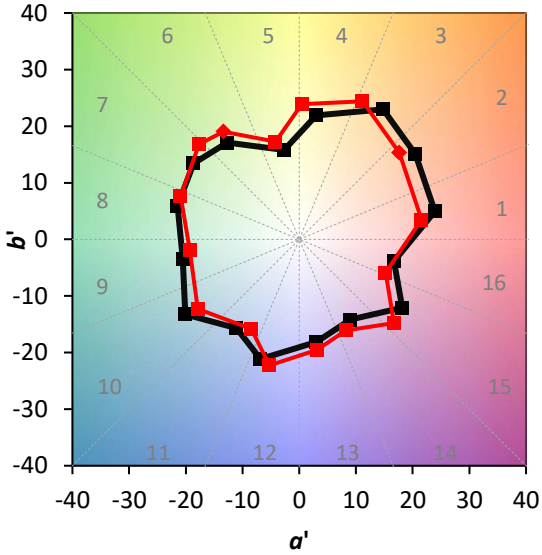
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

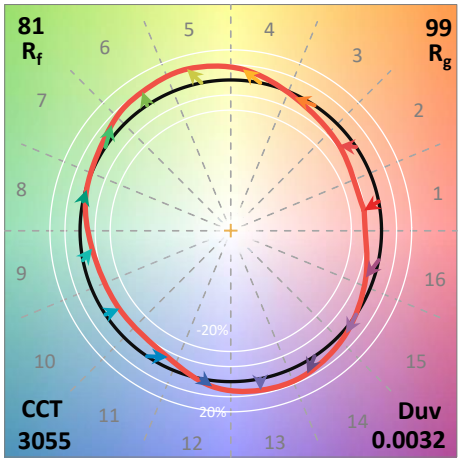
Spectral Power Distribution Comparison

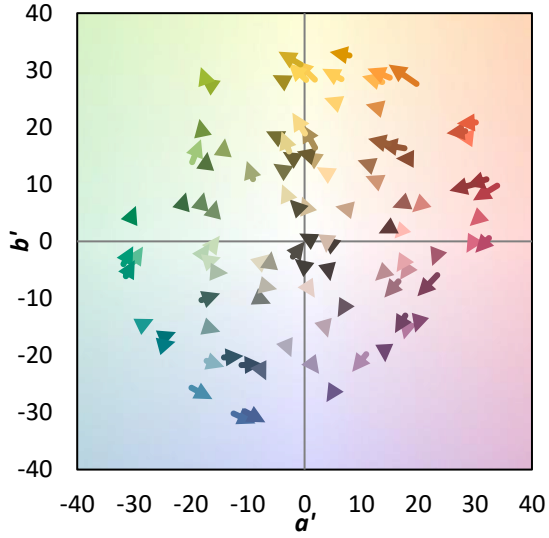


Color Vector Graphics







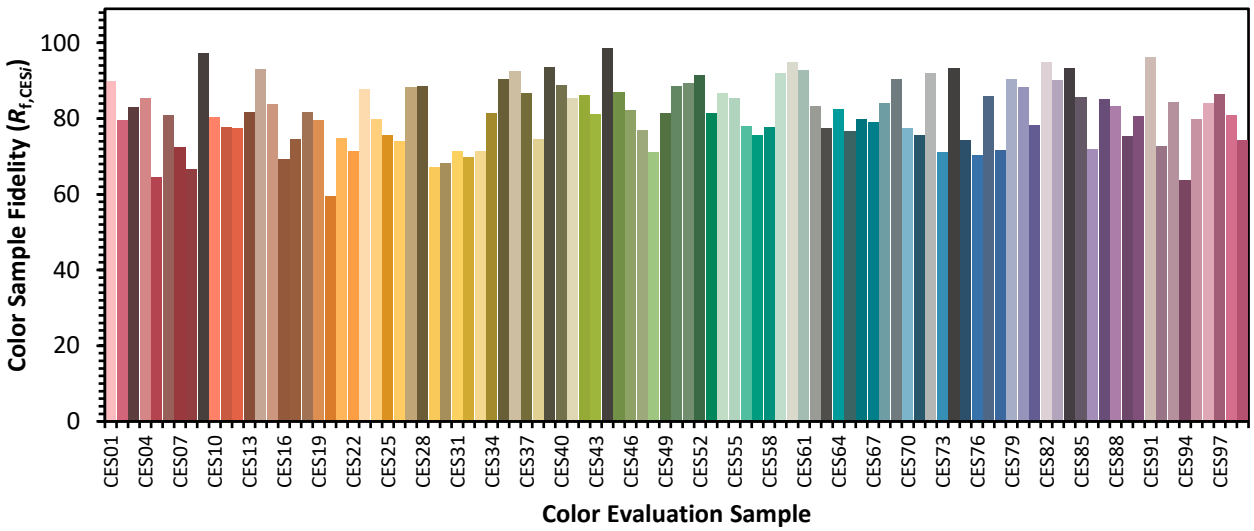


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Individual Sample Fidelity Index ($R_{f,i}$)

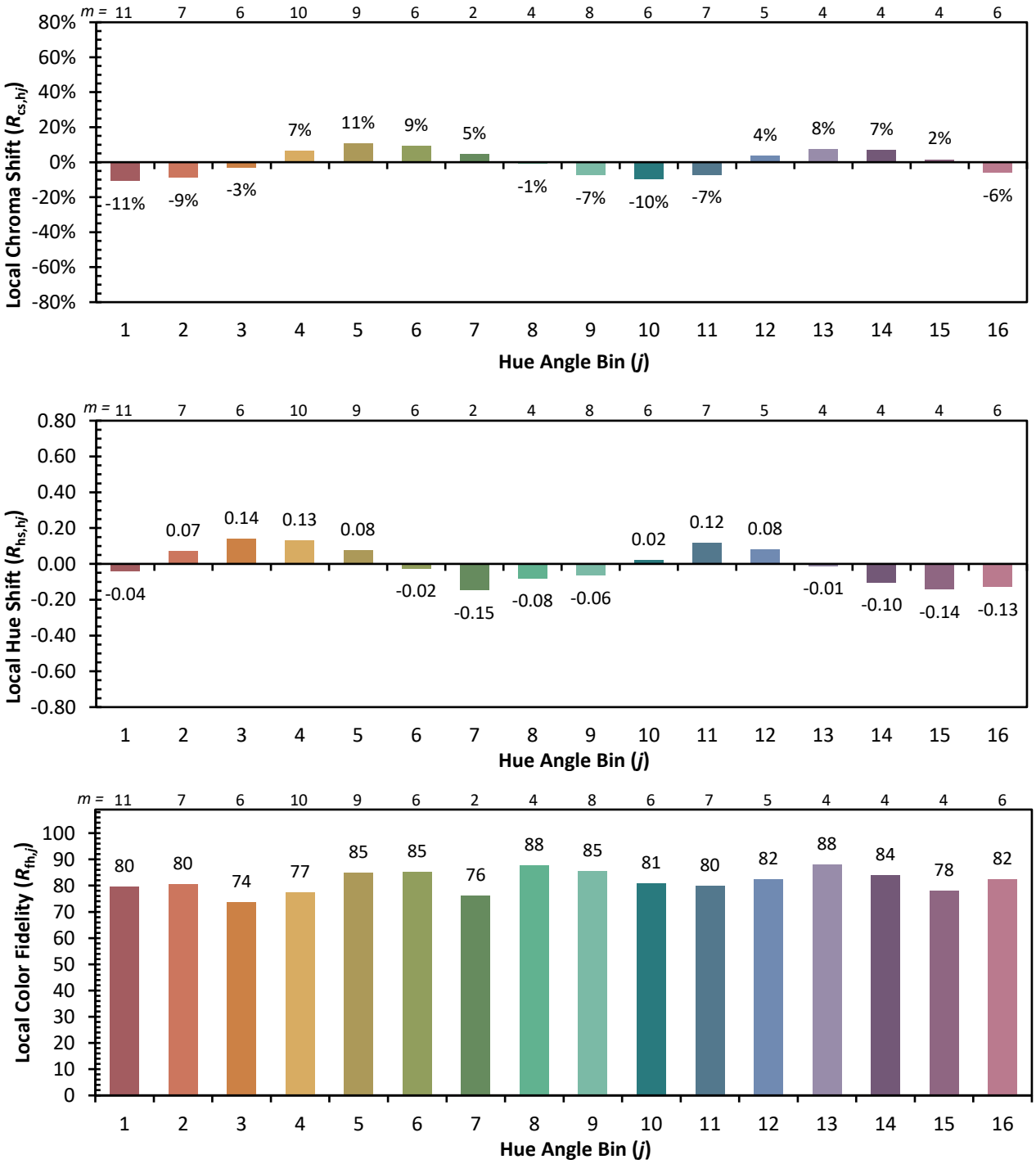
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CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 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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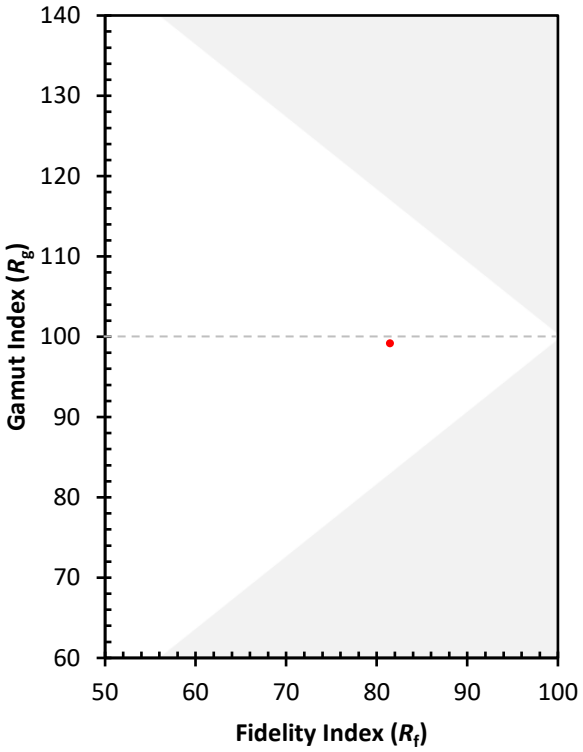
Color Rendition by Hue-Angle Bin

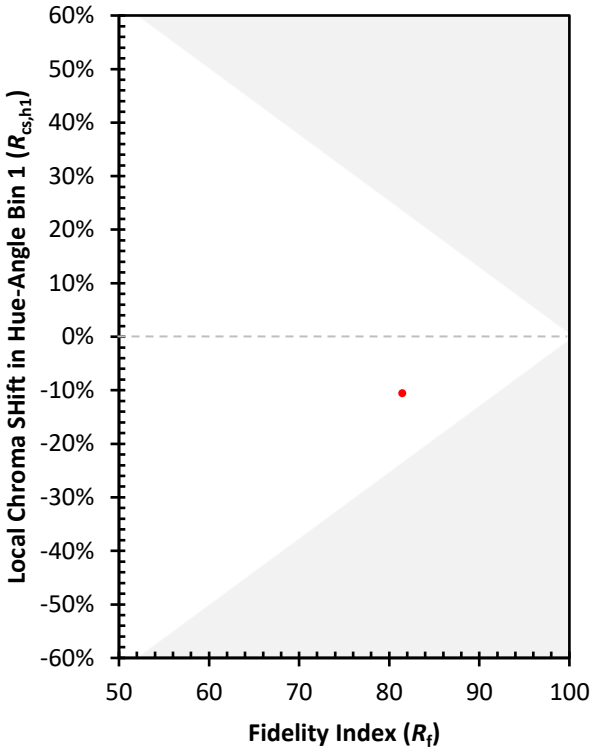


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Measure Comparisons





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