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: P1501145

Luminaire Tested: GSS-SB4A-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:	P1501145
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15975.1 lumens
Efficiency:	N/A
Efficacy:	140.1 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

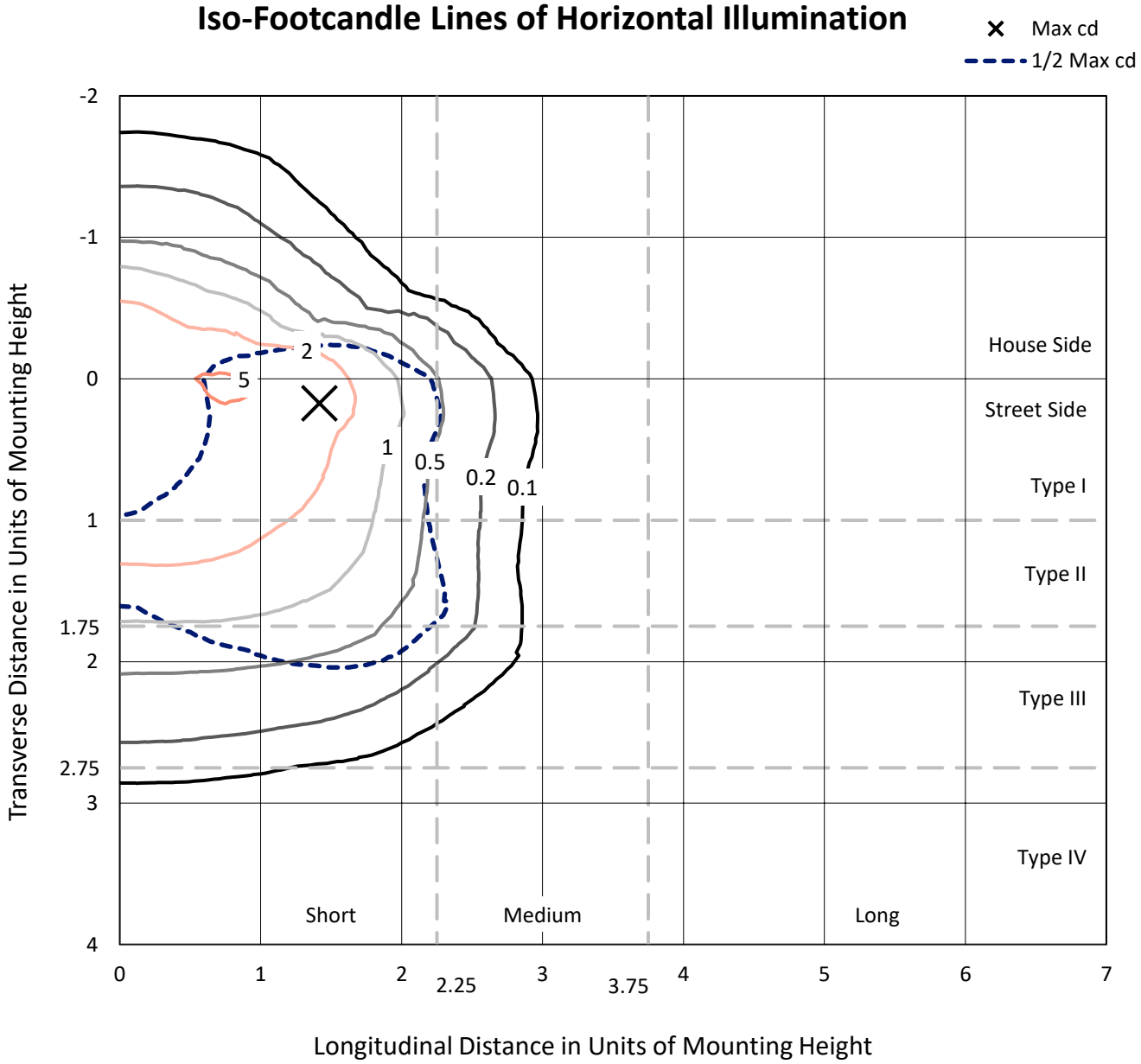
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501145
CATALOG NUMBER: GSS-SB4A-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



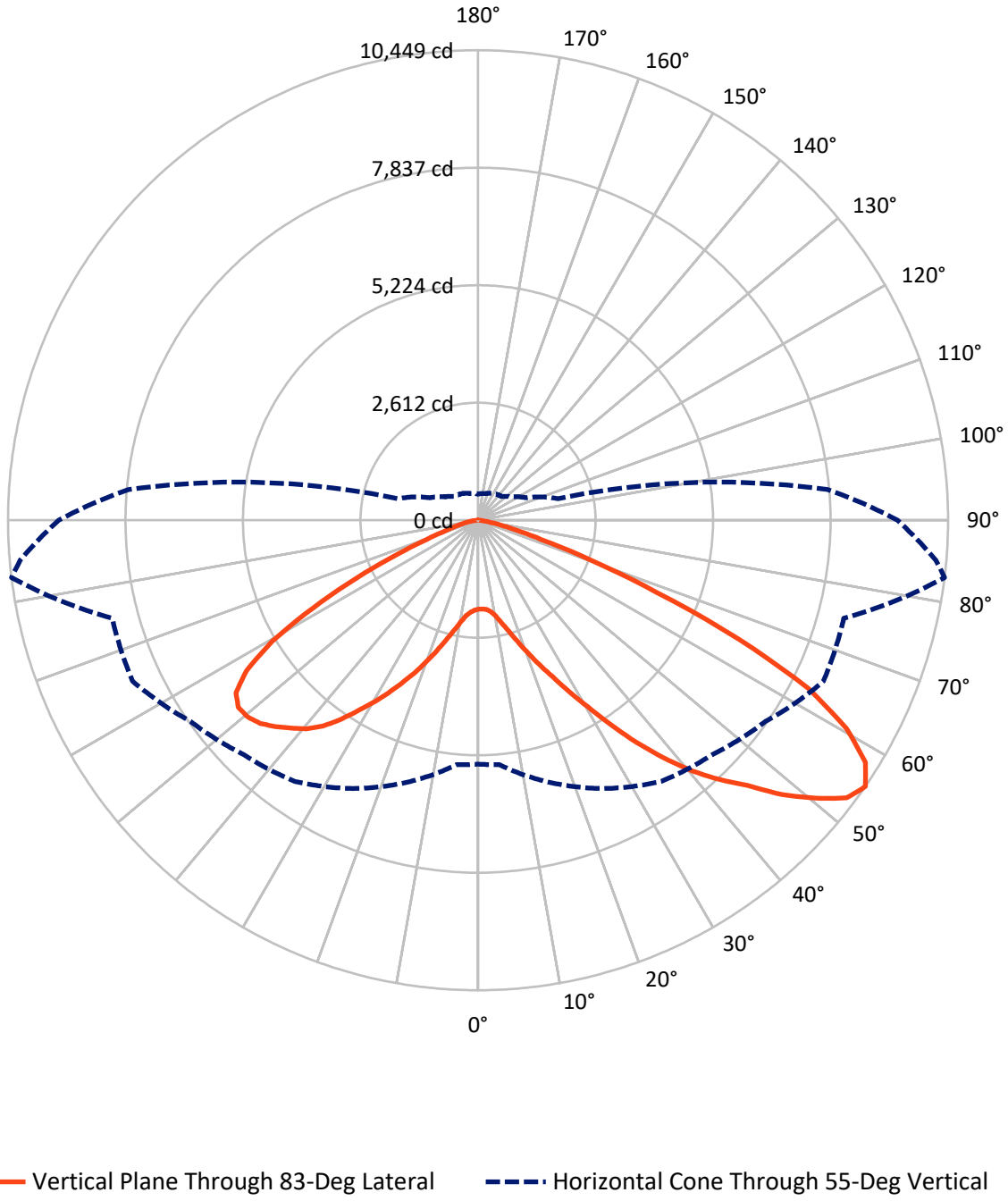
Based on 25 foot mounting height. Maximum calculated value = 5.4 fc
Type III - Short - N/A

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REPORT NUMBER: P1501145
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Luminous Intensity Polar Plot



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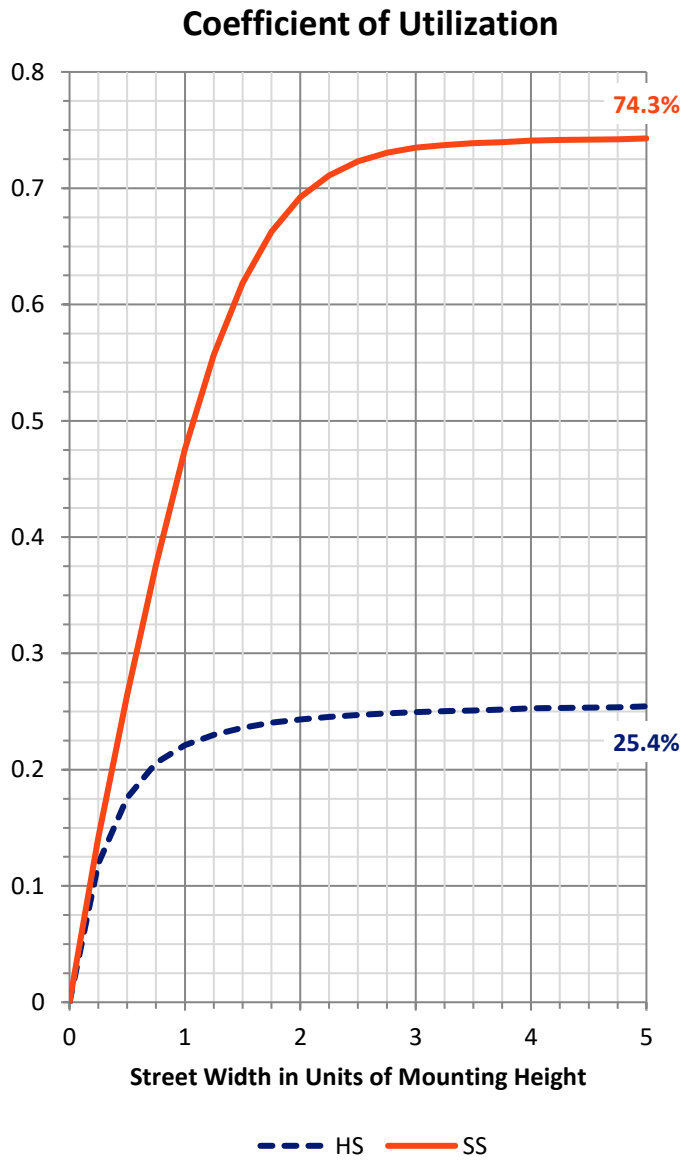
REPORT NUMBER: P1501145
CATALOG NUMBER: GSS-SB4A-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4099.5	0.0	4099.5
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	11875.5	0.0	11875.5
	% Fixture	74.3	0.0	74.3
Total	Lumens	15975.1	0.0	15975.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.1	1.2
10°-20°	622.5	3.9
20°-30°	1246.2	7.8
30°-40°	2217.1	13.9
40°-50°	3341.1	20.9
50°-60°	4071.3	25.5
60°-70°	3292.3	20.6
70°-80°	901.7	5.6
80°-90°	91.9	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°	15975.1	100.0
0°-180°	15975.1	100.0



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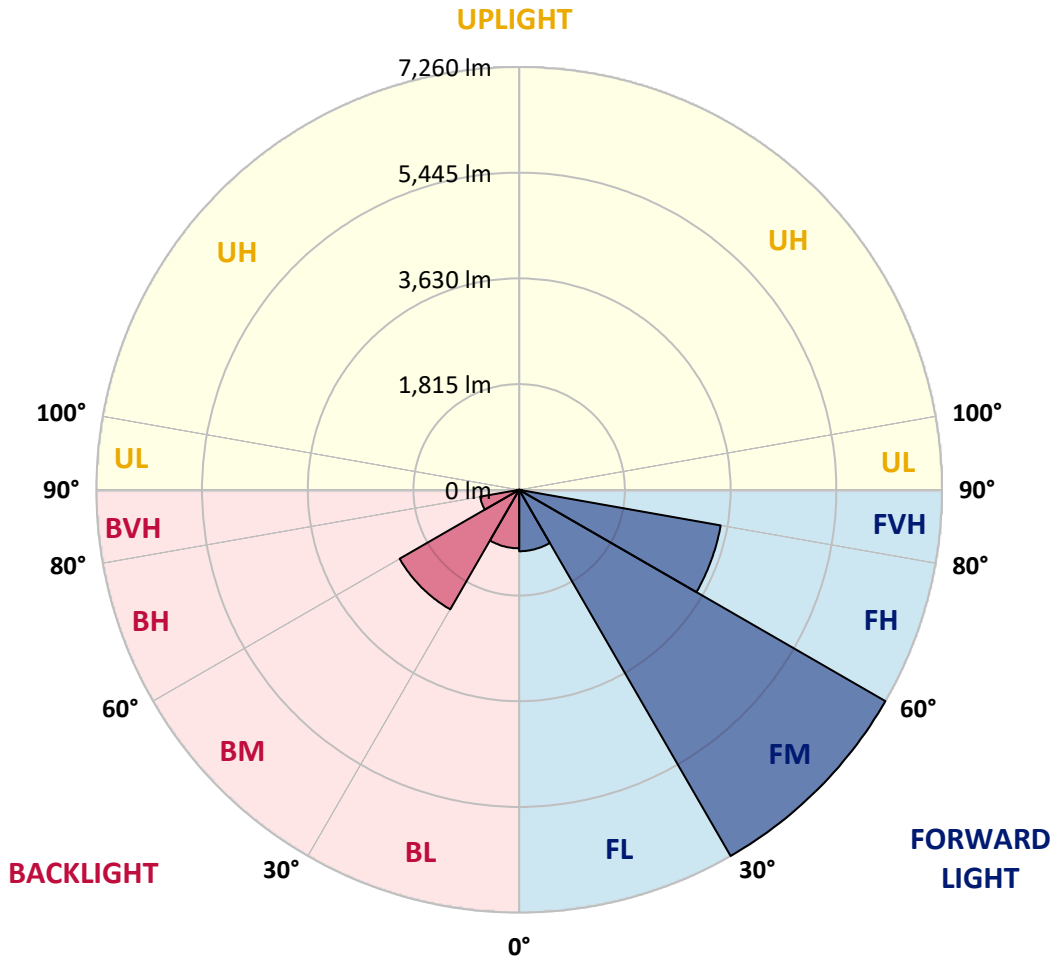
Scaled Data Report

REPORT NUMBER: P1501145
CATALOG NUMBER: GSS-SB4A-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1054.8	6.6			
FM	(30°-60°)	7259.6	45.4			
FH	(60°-80°)	3513.3	22.0			G2/5000
FVH	(80°-90°)	47.8	0.3			G1/100
BL	(0°-30°)	1004.9	6.3	B3/2500		
BM	(30°-60°)	2370.0	14.8	B2/2500		
BH	(60°-80°)	680.6	4.3	B2/1000		G2/1000
BVH	(80°-90°)	44.0	0.3			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	83°	85°
0°	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	*1977.5*	1977.5
2.5°	1920.7	1917.2	1913.6	1910.1	1917.2	1927.8	1938.5	1945.6	1963.3	*1977.5*	1970.4
5°	1768.1	1761.0	1768.1	1796.5	1821.3	1863.9	1906.5	1934.9	1974.0	*1991.7*	1998.8
7.5°	1633.2	1626.1	1633.2	1668.7	1711.3	1778.7	1867.5	1938.5	2009.5	*2052.1*	2059.2
10°	1633.2	1636.7	1636.7	1650.9	1672.2	1739.7	1846.2	1981.1	2105.4	*2165.7*	2179.9
12.5°	1686.4	1686.4	1686.4	1704.2	1718.4	1771.6	1892.3	2059.2	2258.0	*2346.8*	2357.4
15°	1757.4	1753.9	1764.5	1775.2	1800.0	1853.3	1974.0	2172.8	2424.9	*2559.8*	2574.0
17.5°	1856.8	1849.7	1860.4	1885.2	1920.7	1981.1	2101.8	2329.0	2655.7	*2826.1*	2847.4
20°	1966.9	1963.3	1984.6	2023.7	2073.4	2148.0	2286.4	2517.2	2918.4	*3135.0*	3174.0
22.5°	2098.3	2091.2	2130.2	2201.2	2268.7	2353.9	2520.7	2762.2	3220.2	*3479.3*	3518.4
25°	2247.4	2247.4	2300.6	2385.8	2488.8	2641.5	2808.3	3074.6	3575.2	*3852.1*	3912.5
27.5°	2492.3	2510.1	2531.4	2620.2	2765.7	2971.6	3149.2	3450.9	3962.2	*4310.1*	4331.4
30°	2890.0	2882.9	2918.4	2978.7	3099.5	3316.0	3582.3	3905.4	4452.1	*4817.8*	4871.1
32.5°	3248.6	3259.2	3308.9	3422.5	3568.1	3752.7	4072.2	4469.9	4984.7	*5407.2*	5432.0
35°	3610.7	3617.8	3713.7	3884.1	4100.7	4306.6	4654.5	5045.0	5563.4	*6064.0*	6131.5
37.5°	4118.4	4111.3	4207.2	4352.7	4643.9	4963.4	5243.9	5616.7	6117.2	*6703.1*	6781.2
40°	4498.3	4537.3	4718.4	4903.0	5176.4	5506.6	5744.5	6095.9	6571.7	*7327.9*	7398.9
42.5°	4888.8	4920.8	5162.2	5439.1	5726.7	5950.4	6135.0	6461.6	6933.8	*7881.8*	7920.8
45°	5211.9	5254.5	5531.4	5882.9	6181.2	6408.4	6472.3	6777.6	7303.1	*8414.3*	8474.7
47.5°	5417.8	5464.0	5790.6	6202.5	6507.8	6749.2	6727.9	7157.5	7697.2	*9120.8*	9099.5
50°	5559.8	5588.2	5943.3	6383.5	6781.2	6940.9	7033.2	7587.1	8101.9	*9713.8*	9635.6
52.5°	5662.8	5709.0	6032.0	6514.9	6933.8	7143.3	7391.8	8084.1	8382.4	*10257.0*	10083.0
55°	*5421.4*	*5456.9*	*6024.9*	*6582.3*	*7090.0*	*7367.0*	*7800.1*	*8471.1*	*8417.9*	*10448.7*	*10214.4*
57.5°	5172.9	5201.3	5726.7	6564.6	7260.5	7643.9	8265.2	8520.8	8101.9	*10154.0*	9859.3
60°	4860.4	4881.7	5407.2	6376.4	7264.0	7860.5	8503.1	8158.7	7516.1	*9412.0*	9131.5
62.5°	4285.3	4285.3	4864.0	5868.7	7086.5	7970.5	8439.2	7473.5	6731.5	*8243.9*	7856.9
65°	3717.2	3692.4	4082.9	4963.4	6614.3	7942.1	7959.9	6607.2	5513.7	*6358.7*	6056.9
67.5°	3099.5	3103.0	3333.8	4029.6	5357.5	7349.2	6948.0	5105.4	3841.5	*4281.7*	4125.5
70°	2098.3	2151.5	2385.8	2925.5	4040.3	5208.4	5531.4	3458.0	2396.5	*2659.2*	2531.4
72.5°	798.8	809.5	1082.9	1533.8	2552.7	3131.4	3859.2	1934.9	1402.4	*1466.3*	1473.4
75°	337.3	351.5	461.5	646.2	1132.6	1707.7	2030.8	979.9	852.1	*876.9*	869.8
77.5°	227.2	234.3	280.5	347.9	511.3	685.2	848.5	553.9	521.9	*489.9*	475.7
80°	170.4	170.4	202.4	234.3	287.6	351.5	369.2	280.5	312.4	*259.2*	252.1
82.5°	110.1	117.2	127.8	138.5	163.3	174.0	149.1	152.7	181.1	*134.9*	127.8
85°	53.3	56.8	60.4	63.9	63.9	60.4	53.3	67.5	92.3	*56.8*	53.3
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	3.6	3.6	3.6	*3.6*	3.6
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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Scaled Data Report

REPORT NUMBER: P1501145
CATALOG NUMBER: GSS-SB4A-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5	1977.5
2.5°	1981.1	1995.3	2005.9	2013.0	2030.8	2027.2	2037.9	2045.0	2052.1	2062.8	2048.6
5°	2016.6	2041.5	2069.9	2091.2	2112.5	2123.1	2126.7	2133.8	2137.3	2144.4	2140.9
7.5°	2094.7	2123.1	2165.7	2187.0	2204.8	2204.8	2194.1	2190.6	2179.9	2187.0	2187.0
10°	2226.1	2268.7	2314.8	2318.4	2297.1	2272.2	2233.2	2211.9	2183.5	2176.4	2169.3
12.5°	2417.8	2474.6	2510.1	2485.2	2410.7	2318.4	2215.4	2119.6	2045.0	2013.0	2005.9
15°	2634.4	2705.4	2712.5	2641.5	2506.5	2282.9	2066.3	1959.8	1920.7	1920.7	1917.2
17.5°	2932.6	2982.3	2953.9	2783.5	2481.7	2116.0	1959.8	1942.0	1952.7	1966.9	1966.9
20°	3245.0	3301.8	3184.7	2882.9	2329.0	2016.6	1970.4	1984.6	2009.5	2023.7	2020.1
22.5°	3617.8	3646.2	3419.0	2886.4	2165.7	1991.7	1991.7	2009.5	2027.2	2048.6	2048.6
25°	4001.2	3990.6	3635.6	2755.1	2073.4	1984.6	1977.5	1991.7	1998.8	2009.5	2005.9
27.5°	4430.8	4374.0	3802.4	2545.6	2045.0	1963.3	1927.8	1913.6	1920.7	1931.4	1934.9
30°	4924.3	4789.4	3937.3	2414.2	2034.3	1913.6	1828.4	1789.4	1782.3	1796.5	1796.5
32.5°	5495.9	5204.8	4019.0	2396.5	2023.7	1824.9	1711.3	1636.7	1622.5	1629.6	1647.4
35°	6081.7	5705.4	3997.7	2442.6	2027.2	1753.9	1587.0	1487.6	1473.4	1480.5	1498.2
37.5°	6696.0	6181.2	3916.0	2513.6	1998.8	1658.0	1473.4	1352.7	1331.4	1345.6	1352.7
40°	7171.7	6582.3	3713.7	2542.0	1949.1	1537.3	1342.0	1239.1	1182.3	1178.7	1196.5
42.5°	7611.9	6898.3	3493.5	2495.9	1846.2	1409.5	1207.1	1104.2	1015.4	947.9	947.9
45°	8052.2	7217.9	3269.9	2364.5	1675.8	1274.6	1065.1	926.6	823.7	774.0	777.5
47.5°	8492.4	7526.7	3003.6	2165.7	1505.3	1132.6	912.4	802.4	731.4	692.3	692.3
50°	8900.7	7750.4	2662.8	1849.7	1310.1	990.5	805.9	742.0	688.8	653.3	646.2
52.5°	9259.3	7899.5	2201.2	1466.3	1097.1	830.8	749.1	699.4	660.4	621.3	610.7
55°	*9323.2*	*7800.1*	*1842.6*	*1178.7*	*905.3*	*745.6*	*706.5*	*663.9*	*610.7*	*592.9*	*582.3*
57.5°	8929.1	7274.7	1555.1	994.1	774.0	685.2	671.0	621.3	578.7	561.0	550.3
60°	8258.1	6319.6	1285.2	852.1	688.8	628.4	646.2	596.5	529.0	518.4	507.7
62.5°	7051.0	4931.4	1026.1	717.2	624.9	585.8	603.6	532.6	475.7	461.5	458.0
65°	5481.7	3529.0	862.7	632.0	575.2	543.2	536.1	472.2	429.6	418.9	418.9
67.5°	3827.3	2243.8	720.7	578.7	511.3	489.9	486.4	443.8	415.4	404.7	404.7
70°	2343.2	1359.8	607.1	529.0	450.9	411.8	436.7	429.6	387.0	376.3	372.8
72.5°	1217.8	813.0	532.6	486.4	379.9	351.5	390.5	394.1	358.6	372.8	369.2
75°	706.5	564.5	465.1	429.6	301.8	294.7	340.8	376.3	347.9	358.6	351.5
77.5°	404.7	362.1	358.6	351.5	237.9	241.4	305.3	337.3	298.2	308.9	284.0
80°	223.7	234.3	248.5	220.1	166.9	188.2	245.0	269.8	227.2	223.7	205.9
82.5°	117.2	145.6	166.9	142.0	95.9	113.6	166.9	166.9	145.6	138.5	134.9
85°	53.3	60.4	78.1	71.0	35.5	42.6	78.1	85.2	74.6	67.5	63.9
87.5°	3.6	3.6	3.6	3.6	3.6	3.6	7.1	10.7	3.6	3.6	3.6
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: SP1-2407-184-9

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

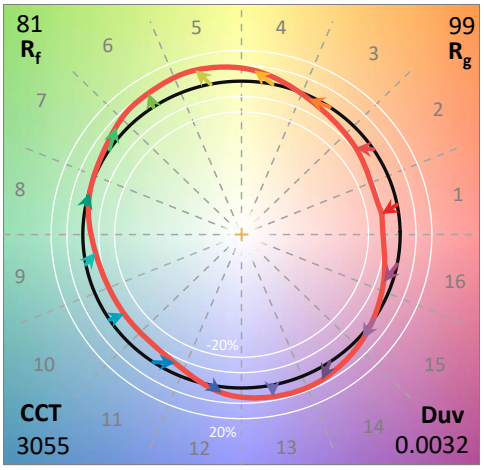
Test Information

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

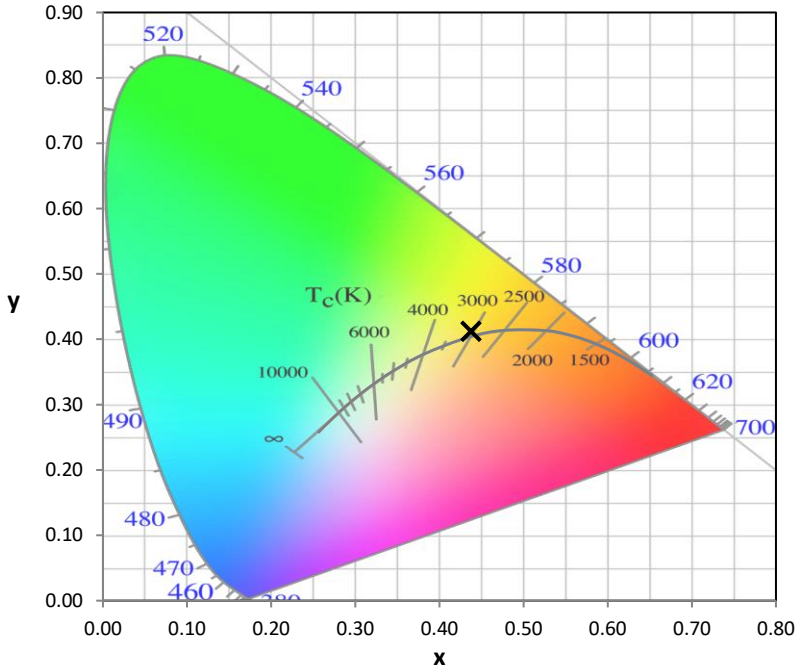
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

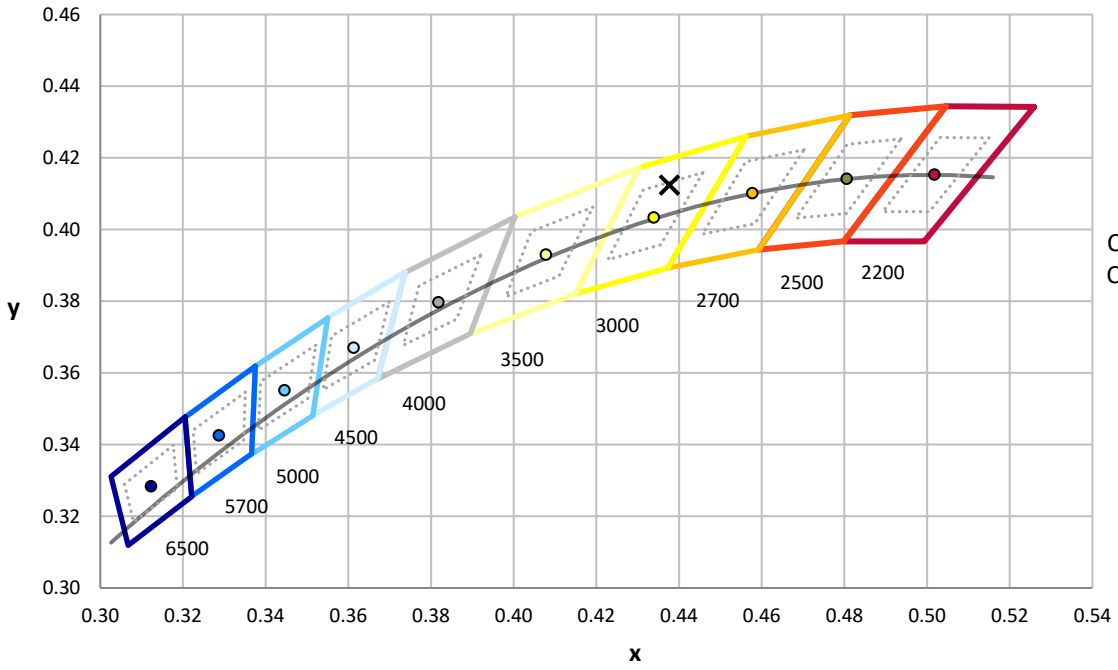
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

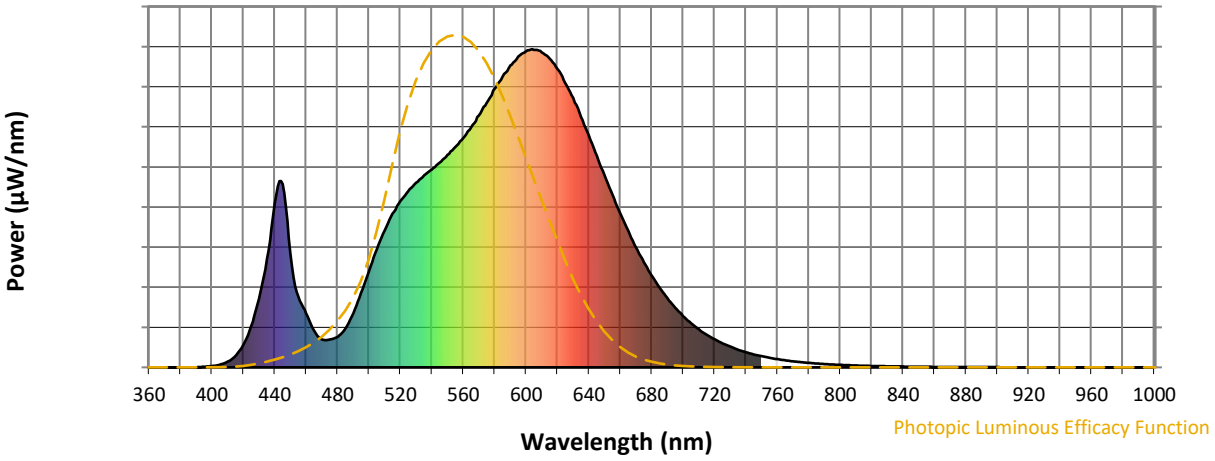


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

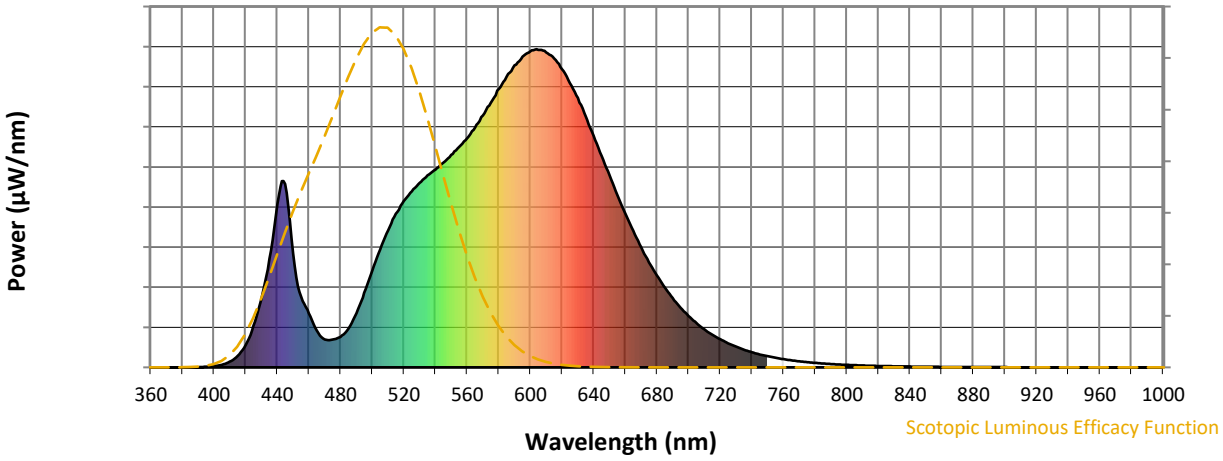


Photopic Lumens: NR

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

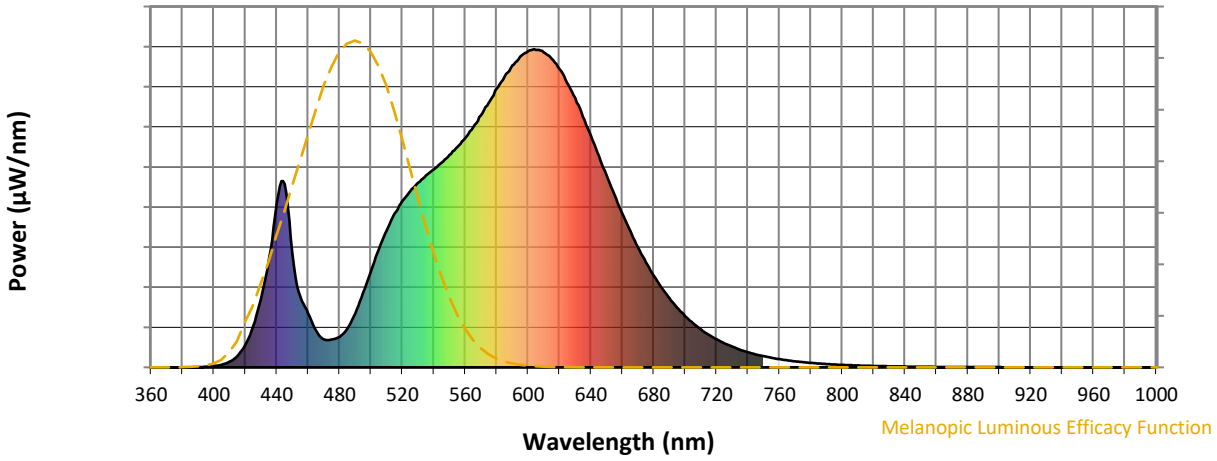


Scotopic Lumens: NR **S/P: 1.28**

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			

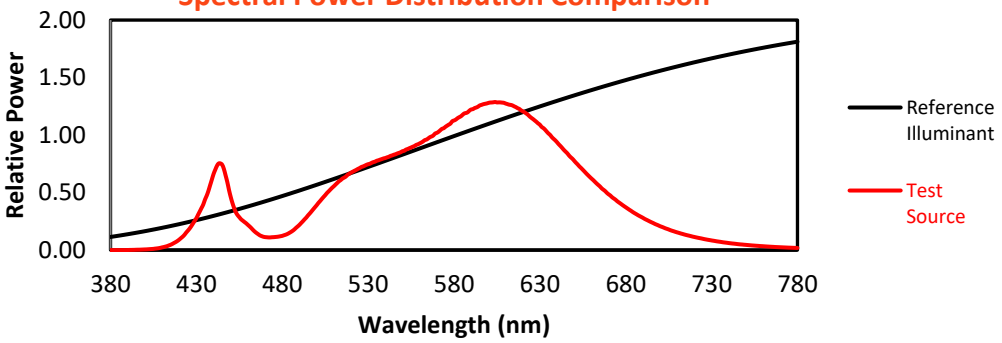
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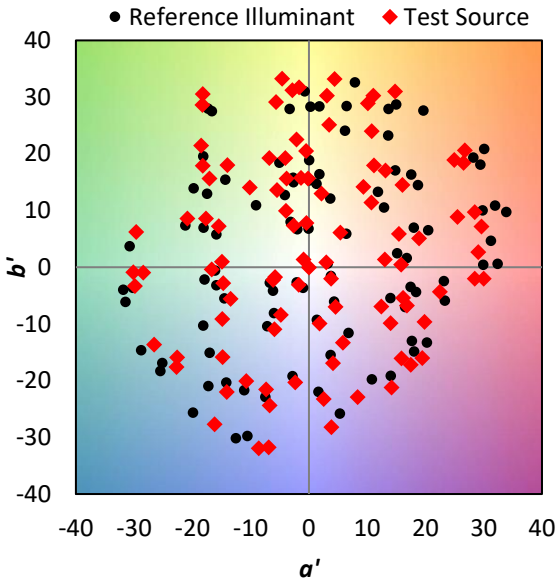
Summary

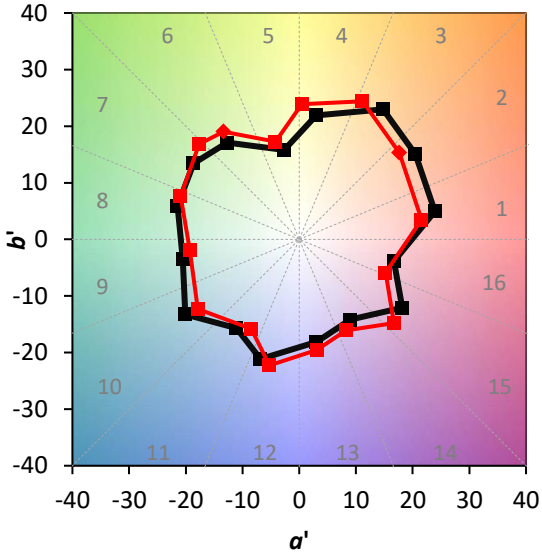
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R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

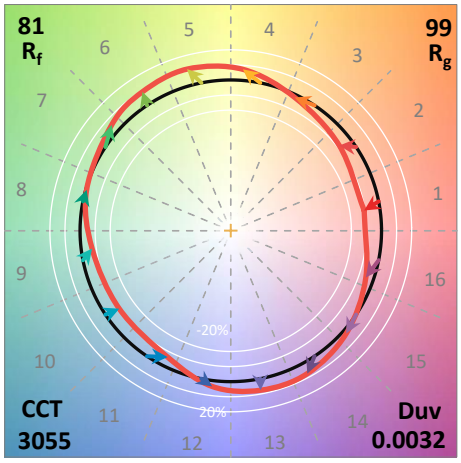
Spectral Power Distribution Comparison

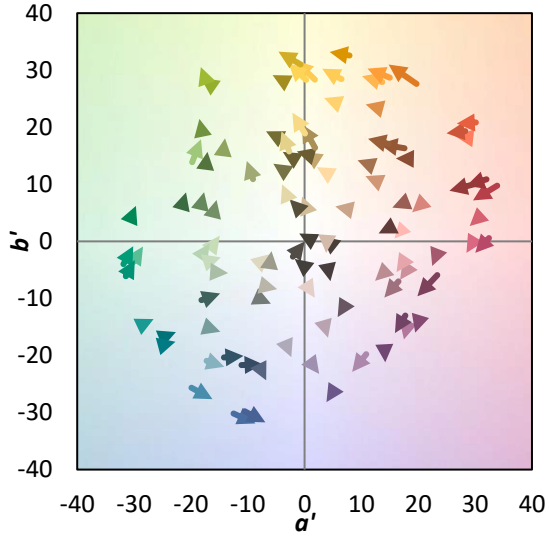


Color Vector Graphics







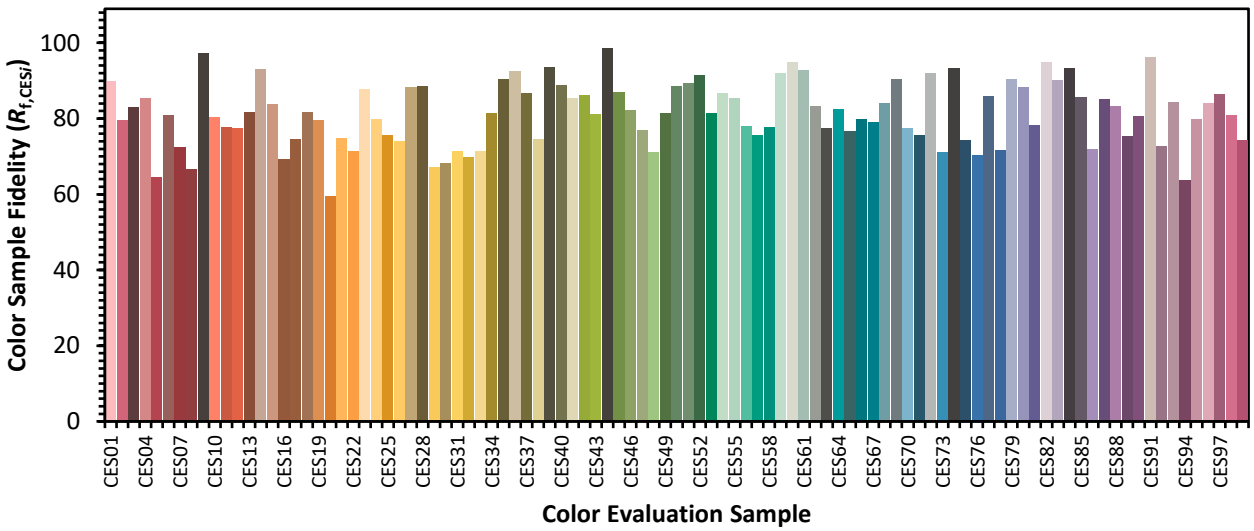


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Individual Sample Fidelity Index ($R_{f,i}$)

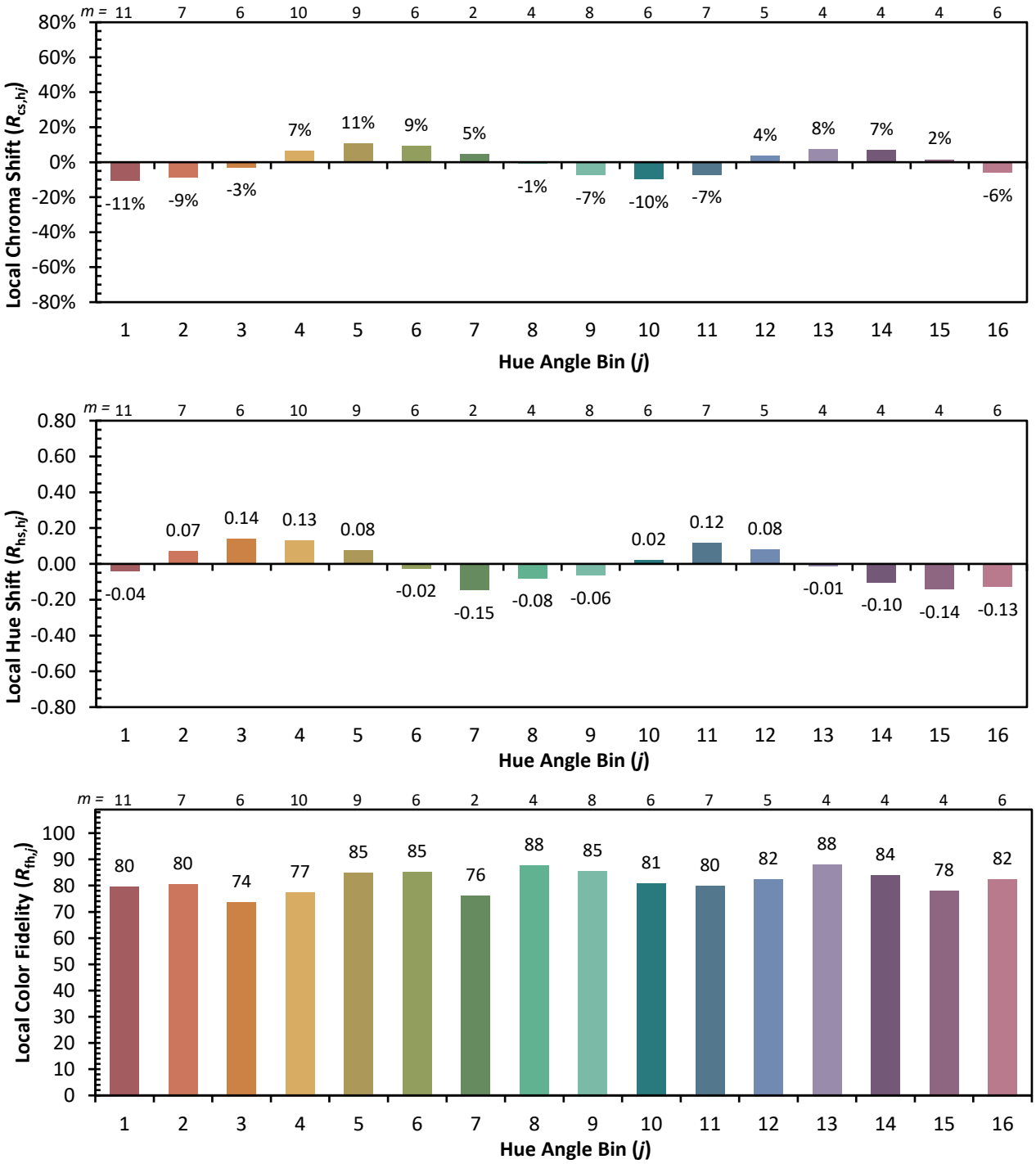
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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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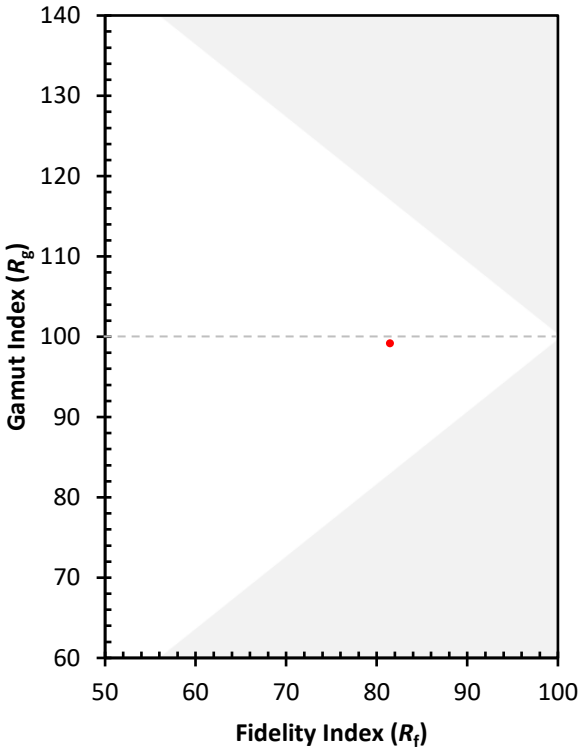
Color Rendition by Hue-Angle Bin

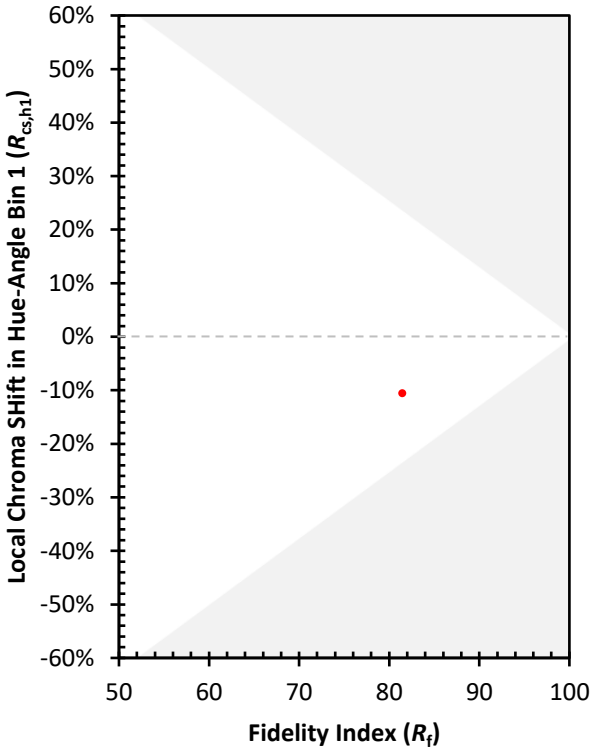


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Measure Comparisons





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