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: P1501140

Luminaire Tested: GSS-SB2D-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:	P1501140
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB2D-830-U-T3LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 2SQUARE 147W 80CRI 3000K FIXTURE w/ TYPE III LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(52) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17419.6 lumens
Efficiency:	N/A
Efficacy:	118.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

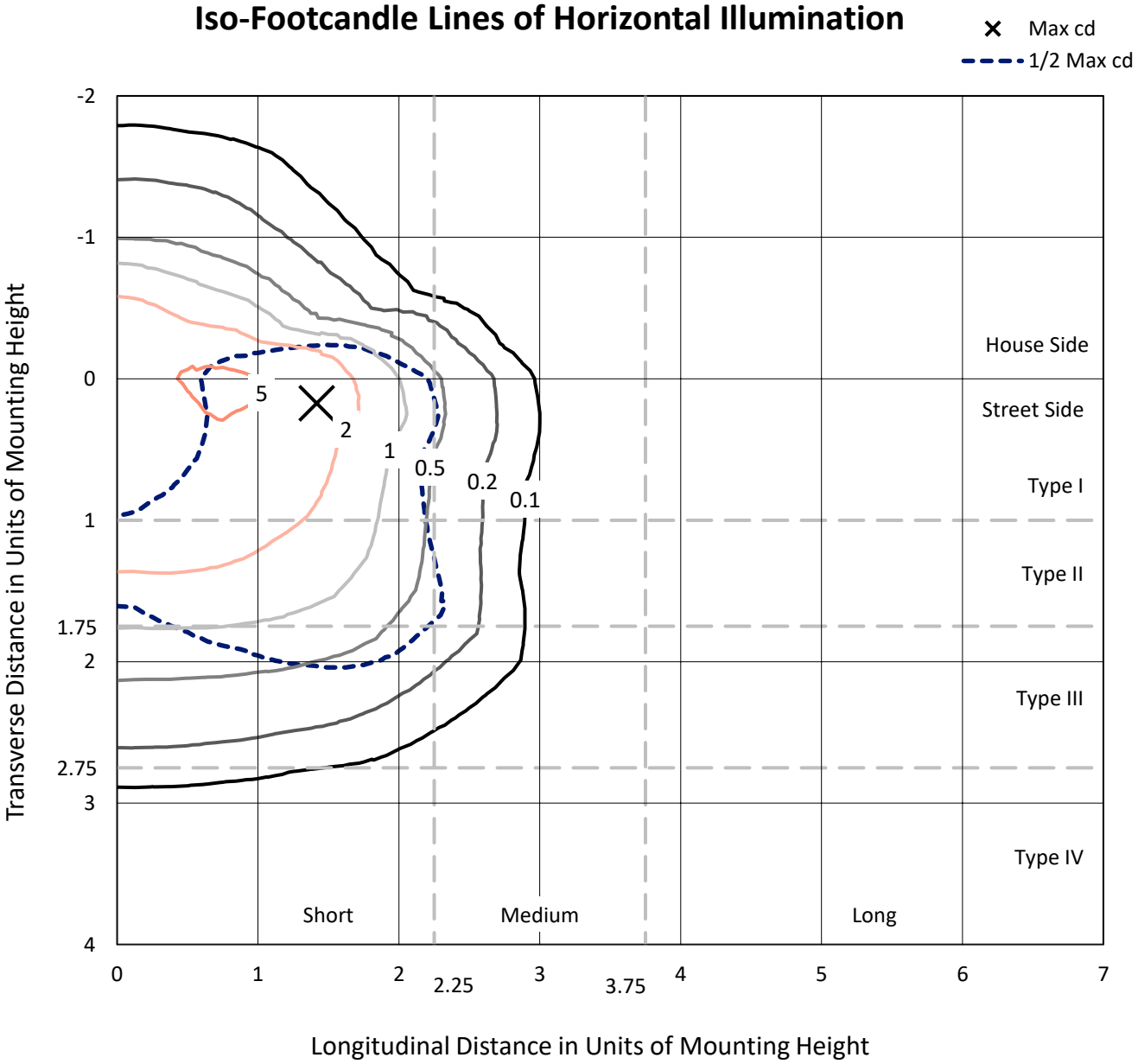
Input Watts (W):	147
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.1%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1501140
CATALOG NUMBER: GSS-SB2D-830-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



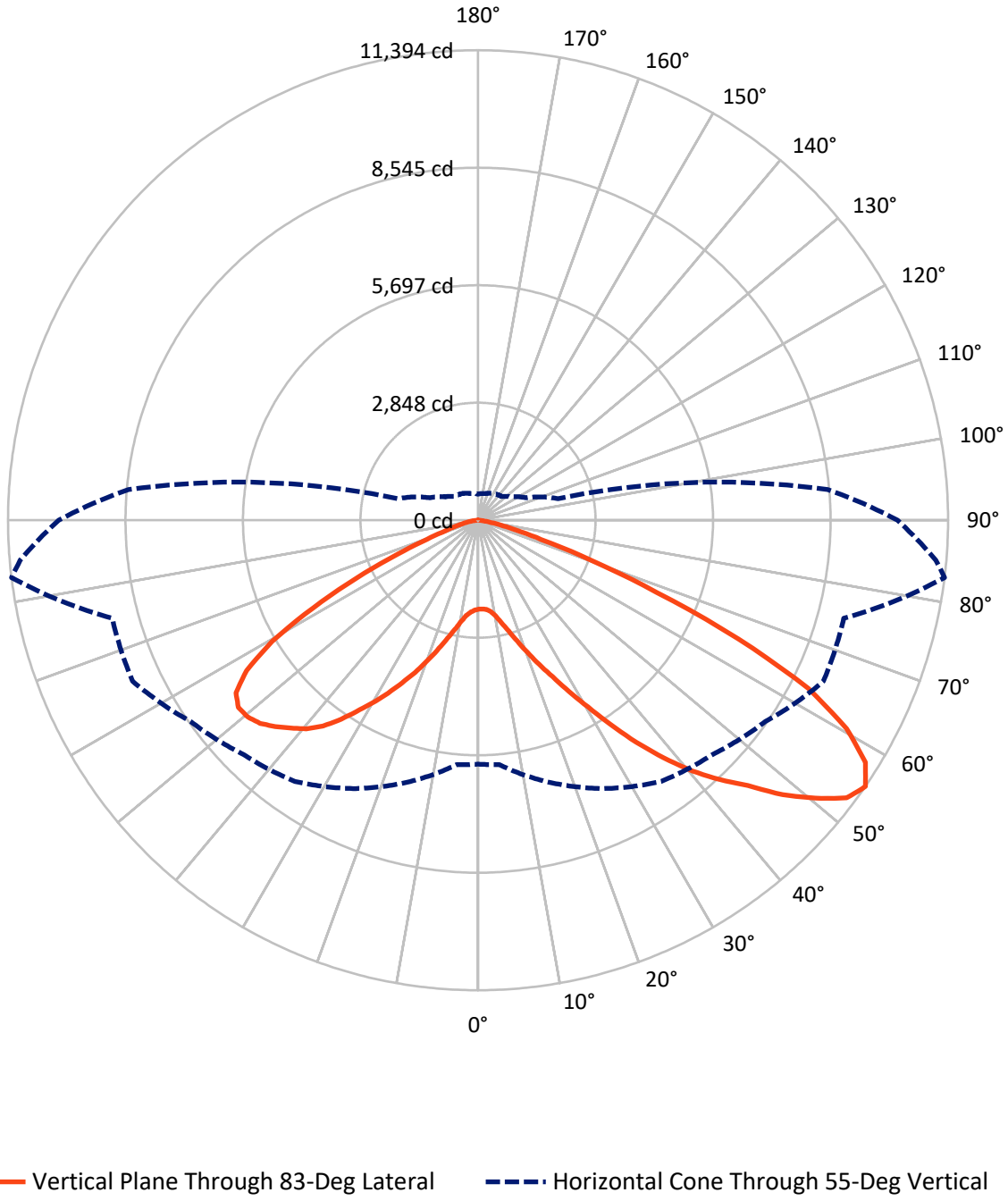
Based on 25 foot mounting height. Maximum calculated value = 5.8 fc
Type III - Short - N/A

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Luminous Intensity Polar Plot



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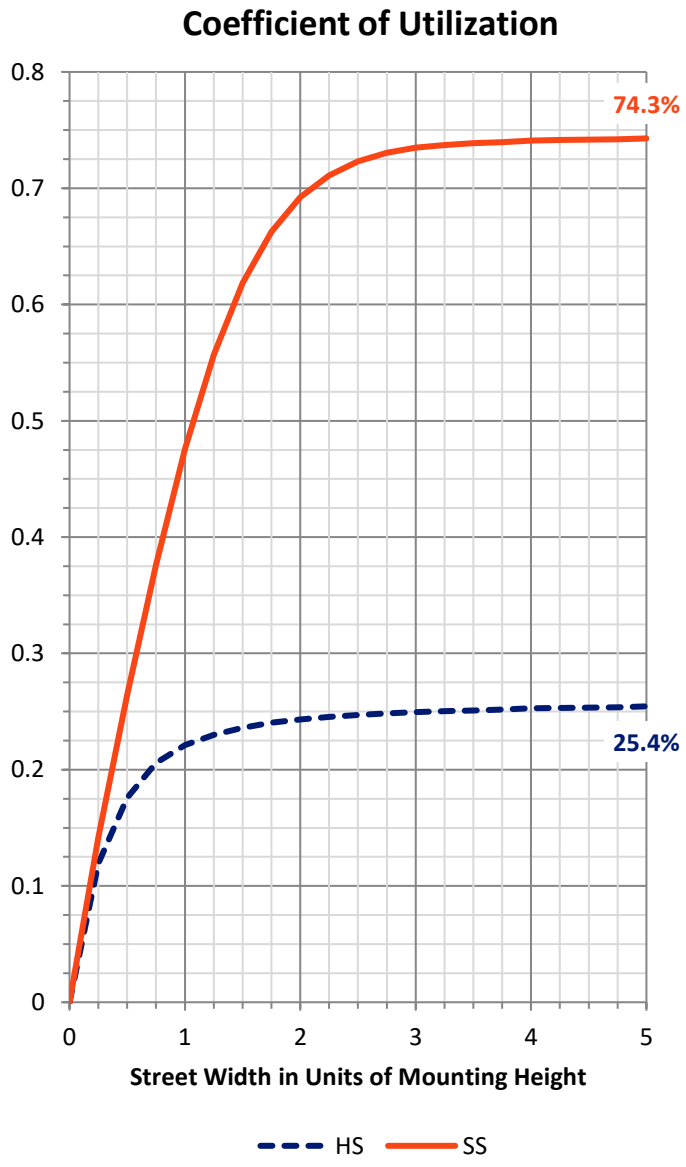
REPORT NUMBER: P1501140
CATALOG NUMBER: GSS-SB2D-830-U-T3LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4470.2	0.0	4470.2
	% Fixture	25.7	0.0	25.7
Street Side	Lumens	12949.3	0.0	12949.3
	% Fixture	74.3	0.0	74.3
Total	Lumens	17419.6	0.0	17419.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	208.4	1.2
10°-20°	678.7	3.9
20°-30°	1358.8	7.8
30°-40°	2417.6	13.9
40°-50°	3643.2	20.9
50°-60°	4439.5	25.5
60°-70°	3589.9	20.6
70°-80°	983.3	5.6
80°-90°	100.1	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°	17419.6	100.0
0°-180°	17419.6	100.0



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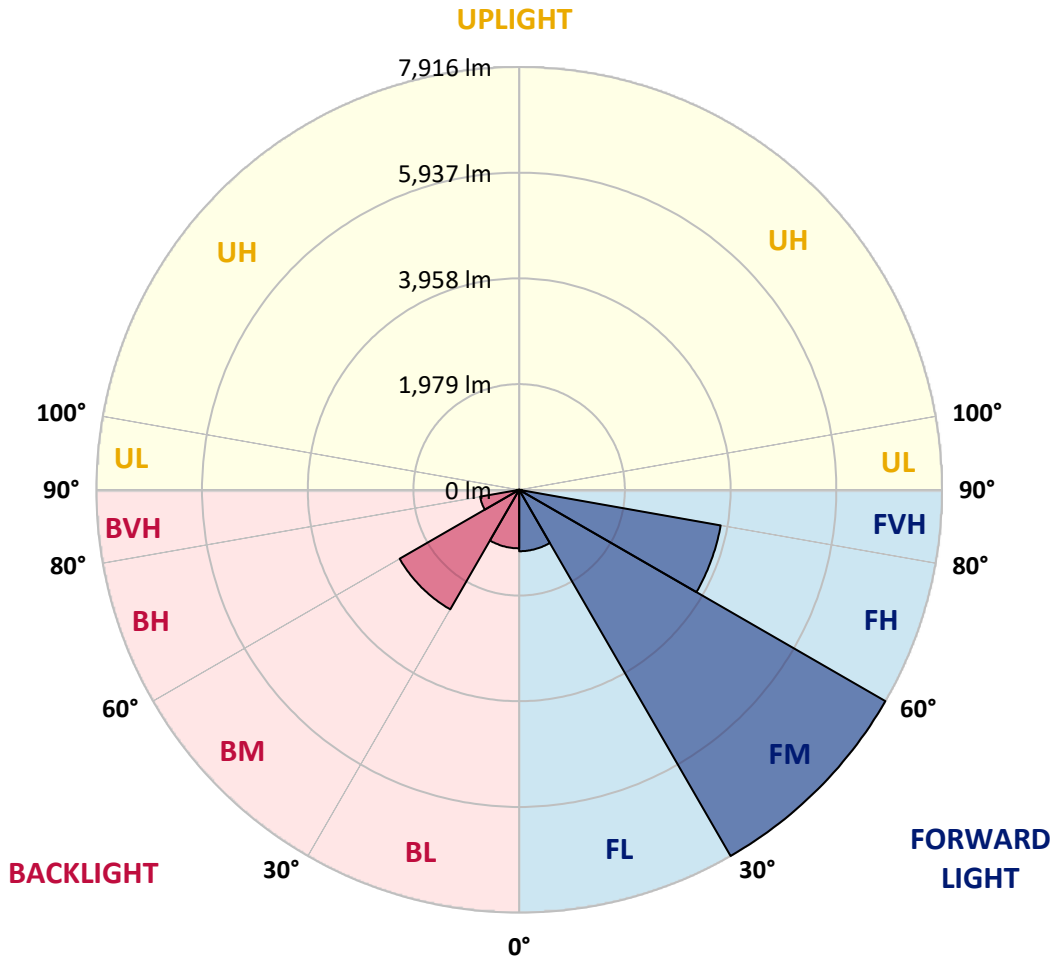
Scaled Data Report

REPORT NUMBER: P1501140
CATALOG NUMBER: GSS-SB2D-830-U-T3LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1150.2	6.6			
FM	(30°-60°)	7916.0	45.4			
FH	(60°-80°)	3831.0	22.0			G2/5000
FVH	(80°-90°)	52.2	0.3			G1/100
BL	(0°-30°)	1095.8	6.3	B3/2500		
BM	(30°-60°)	2584.3	14.8	B3/5000		
BH	(60°-80°)	742.2	4.3	B2/1000		G2/1000
BVH	(80°-90°)	48.0	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°	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	*2156.4*	2156.4
2.5°	2094.4	2090.5	2086.7	2082.8	2090.5	2102.2	2113.8	2121.5	2140.9	*2156.4*	2148.6
5°	1927.9	1920.2	1927.9	1958.9	1986.0	2032.5	2078.9	2109.9	2152.5	*2171.8*	2179.6
7.5°	1780.8	1773.1	1780.8	1819.5	1866.0	1939.6	2036.3	2113.8	2191.2	*2237.7*	2245.4
10°	1780.8	1784.7	1784.7	1800.2	1823.4	1897.0	2013.1	2160.2	2295.7	*2361.5*	2377.0
12.5°	1838.9	1838.9	1838.9	1858.3	1873.7	1931.8	2063.4	2245.4	2462.2	*2559.0*	2570.6
15°	1916.3	1912.5	1924.1	1935.7	1962.8	2020.9	2152.5	2369.3	2644.1	*2791.3*	2806.7
17.5°	2024.7	2017.0	2028.6	2055.7	2094.4	2160.2	2291.9	2539.6	2895.8	*3081.6*	3104.8
20°	2144.7	2140.9	2164.1	2206.7	2260.9	2342.2	2493.2	2744.8	3182.3	*3418.4*	3461.0
22.5°	2288.0	2280.2	2322.8	2400.3	2473.8	2566.7	2748.7	3011.9	3511.3	*3793.9*	3836.5
25°	2450.6	2450.6	2508.7	2601.6	2713.8	2880.3	3062.3	3352.6	3898.5	*4200.4*	4266.3
27.5°	2717.7	2737.1	2760.3	2857.1	3015.8	3240.3	3433.9	3763.0	4320.5	*4699.9*	4723.1
30°	3151.3	3143.6	3182.3	3248.1	3379.7	3615.9	3906.2	4258.5	4854.7	*5253.5*	5311.5
32.5°	3542.3	3553.9	3608.1	3732.0	3890.7	4092.0	4440.5	4874.1	5435.4	*5896.1*	5923.2
35°	3937.2	3944.9	4049.5	4235.3	4471.4	4696.0	5075.4	5501.2	6066.4	*6612.3*	6685.9
37.5°	4490.8	4483.1	4587.6	4746.3	5063.8	5412.2	5718.0	6124.5	6670.4	*7309.2*	7394.3
40°	4905.0	4947.6	5145.1	5346.4	5644.5	6004.5	6263.9	6647.2	7165.9	*7990.5*	8067.9
42.5°	5330.9	5365.7	5629.0	5930.9	6244.5	6488.4	6689.7	7045.9	7560.8	*8594.5*	8637.0
45°	5683.2	5729.6	6031.6	6414.9	6740.1	6987.8	7057.5	7390.5	7963.4	*9175.2*	9241.0
47.5°	5907.7	5958.0	6314.2	6763.3	7096.2	7359.5	7336.3	7804.7	8393.1	*9945.6*	9922.3
50°	6062.6	6093.5	6480.7	6960.7	7394.3	7568.5	7669.2	8273.1	8834.5	*10592.1*	10506.9
52.5°	6174.8	6225.2	6577.5	7104.0	7560.8	7789.2	8060.2	8815.1	9140.3	*11184.4*	10994.7
55°	*5911.6*	*5950.3*	*6569.7*	*7177.5*	*7731.1*	*8033.1*	*8505.4*	*9237.1*	*9179.0*	*11393.5*	*11137.9*
57.5°	5640.6	5671.6	6244.5	7158.2	7917.0	8335.1	9012.6	9291.3	8834.5	*11072.1*	10750.8
60°	5299.9	5323.1	5896.1	6953.0	7920.8	8571.2	9271.9	8896.4	8195.7	*10263.0*	9957.2
62.5°	4672.8	4672.8	5303.8	6399.4	7727.3	8691.2	9202.3	8149.2	7340.1	*8989.3*	8567.4
65°	4053.3	4026.2	4452.1	5412.2	7212.4	8660.3	8679.6	7204.6	6012.2	*6933.6*	6604.6
67.5°	3379.7	3383.6	3635.2	4394.0	5841.9	8013.7	7576.3	5567.0	4188.8	*4668.9*	4498.5
70°	2288.0	2346.1	2601.6	3190.0	4405.6	5679.3	6031.6	3770.7	2613.2	*2899.7*	2760.3
72.5°	871.1	882.7	1180.8	1672.4	2783.5	3414.6	4208.2	2109.9	1529.2	*1598.9*	1606.6
75°	367.8	383.3	503.3	704.6	1235.0	1862.1	2214.4	1068.5	929.1	*956.2*	948.5
77.5°	247.8	255.5	305.8	379.4	557.5	747.2	925.3	603.9	569.1	*534.2*	518.8
80°	185.8	185.8	220.7	255.5	313.6	383.3	402.6	305.8	340.7	*282.6*	274.9
82.5°	120.0	127.8	139.4	151.0	178.1	189.7	162.6	166.5	197.4	*147.1*	139.4
85°	58.1	61.9	65.8	69.7	69.7	65.8	58.1	73.6	100.7	*61.9*	58.1
87.5°	7.7	7.7	7.7	7.7	7.7	7.7	3.9	3.9	3.9	*3.9*	3.9
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: P1501140
CATALOG NUMBER: GSS-SB2D-830-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4	2156.4
2.5°	2160.2	2175.7	2187.3	2195.1	2214.4	2210.6	2222.2	2229.9	2237.7	2249.3	2233.8
5°	2198.9	2226.0	2257.0	2280.2	2303.5	2315.1	2319.0	2326.7	2330.6	2338.3	2334.4
7.5°	2284.1	2315.1	2361.5	2384.8	2404.1	2404.1	2392.5	2388.6	2377.0	2384.8	2384.8
10°	2427.4	2473.8	2524.1	2528.0	2504.8	2477.7	2435.1	2411.9	2380.9	2373.2	2365.4
12.5°	2636.4	2698.3	2737.1	2710.0	2628.7	2528.0	2415.7	2311.2	2229.9	2195.1	2187.3
15°	2872.6	2950.0	2957.7	2880.3	2733.2	2489.3	2253.1	2137.0	2094.4	2094.4	2090.5
17.5°	3197.8	3252.0	3221.0	3035.2	2706.1	2307.3	2137.0	2117.6	2129.3	2144.7	2144.7
20°	3538.4	3600.4	3472.6	3143.6	2539.6	2198.9	2148.6	2164.1	2191.2	2206.7	2202.8
22.5°	3944.9	3975.9	3728.1	3147.4	2361.5	2171.8	2171.8	2191.2	2210.6	2233.8	2233.8
25°	4363.0	4351.4	3964.3	3004.2	2260.9	2164.1	2156.4	2171.8	2179.6	2191.2	2187.3
27.5°	4831.5	4769.5	4146.2	2775.8	2229.9	2140.9	2102.2	2086.7	2094.4	2106.0	2109.9
30°	5369.6	5222.5	4293.4	2632.5	2218.3	2086.7	1993.8	1951.2	1943.4	1958.9	1958.9
32.5°	5992.9	5675.4	4382.4	2613.2	2206.7	1989.9	1866.0	1784.7	1769.2	1777.0	1796.3
35°	6631.7	6221.3	4359.2	2663.5	2210.6	1912.5	1730.5	1622.1	1606.6	1614.4	1633.7
37.5°	7301.4	6740.1	4270.1	2740.9	2179.6	1807.9	1606.6	1475.0	1451.8	1467.3	1475.0
40°	7820.2	7177.5	4049.5	2771.9	2125.4	1676.3	1463.4	1351.1	1289.2	1285.3	1304.7
42.5°	8300.2	7522.1	3809.4	2721.6	2013.1	1536.9	1316.3	1204.0	1107.2	1033.7	1033.7
45°	8780.3	7870.5	3565.5	2578.3	1827.3	1389.8	1161.4	1010.4	898.2	844.0	847.8
47.5°	9260.3	8207.3	3275.2	2361.5	1641.5	1235.0	994.9	874.9	797.5	754.9	754.9
50°	9705.5	8451.2	2903.5	2017.0	1428.5	1080.1	878.8	809.1	751.0	712.3	704.6
52.5°	10096.5	8613.8	2400.3	1598.9	1196.3	905.9	816.9	762.7	720.1	677.5	665.9
55°	*10166.2*	*8505.4*	*2009.2*	*1285.3*	*987.2*	*813.0*	*770.4*	*723.9*	*665.9*	*646.5*	*634.9*
57.5°	9736.5	7932.4	1695.7	1084.0	844.0	747.2	731.7	677.5	631.0	611.7	600.1
60°	9004.8	6891.0	1401.4	929.1	751.0	685.2	704.6	650.4	576.8	565.2	553.6
62.5°	7688.6	5377.3	1118.8	782.0	681.4	638.8	658.1	580.7	518.8	503.3	499.4
65°	5977.4	3848.1	940.7	689.1	627.2	592.3	584.6	514.9	468.4	456.8	456.8
67.5°	4173.3	2446.7	785.9	631.0	557.5	534.2	530.4	483.9	453.0	441.3	441.3
70°	2555.1	1482.7	662.0	576.8	491.7	449.1	476.2	468.4	422.0	410.4	406.5
72.5°	1327.9	886.5	580.7	530.4	414.2	383.3	425.9	429.7	391.0	406.5	402.6
75°	770.4	615.5	507.2	468.4	329.1	321.3	371.7	410.4	379.4	391.0	383.3
77.5°	441.3	394.9	391.0	383.3	259.4	263.3	332.9	367.8	325.2	336.8	309.7
80°	243.9	255.5	271.0	240.0	182.0	205.2	267.1	294.2	247.8	243.9	224.5
82.5°	127.8	158.7	182.0	154.9	104.5	123.9	182.0	182.0	158.7	151.0	147.1
85°	58.1	65.8	85.2	77.4	38.7	46.5	85.2	92.9	81.3	73.6	69.7
87.5°	3.9	3.9	3.9	3.9	3.9	3.9	7.7	11.6	3.9	3.9	3.9
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

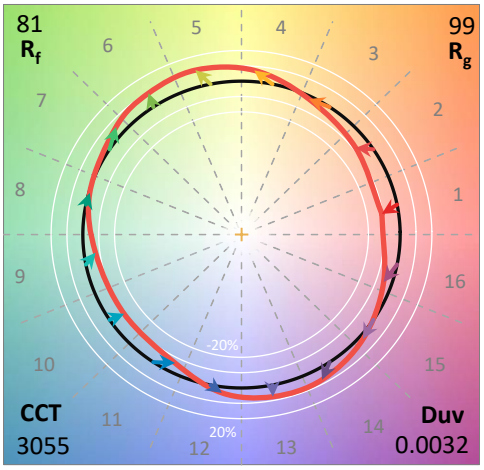
Test Information

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

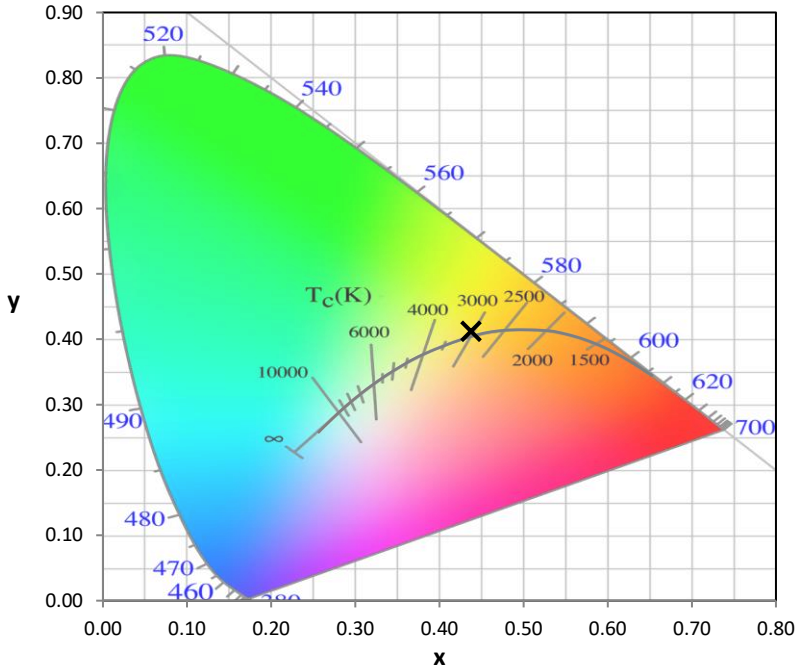
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

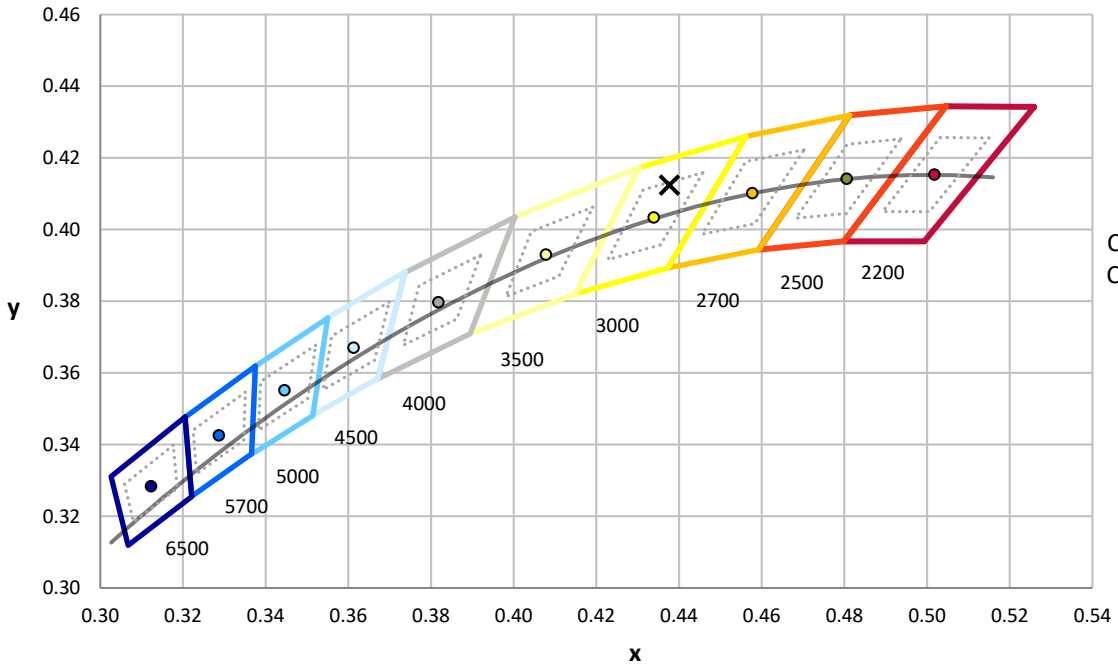
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

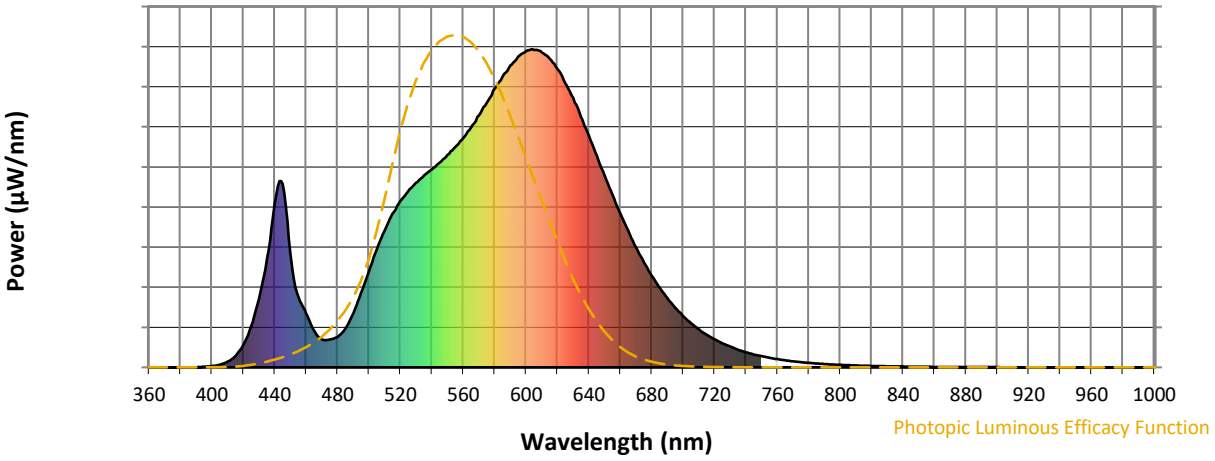


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

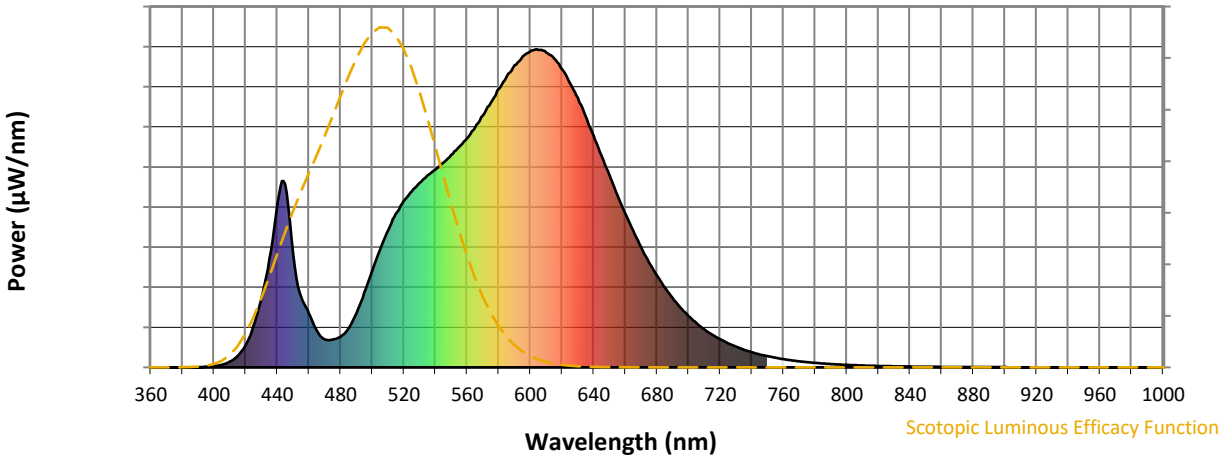


Photopic Lumens: NR

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

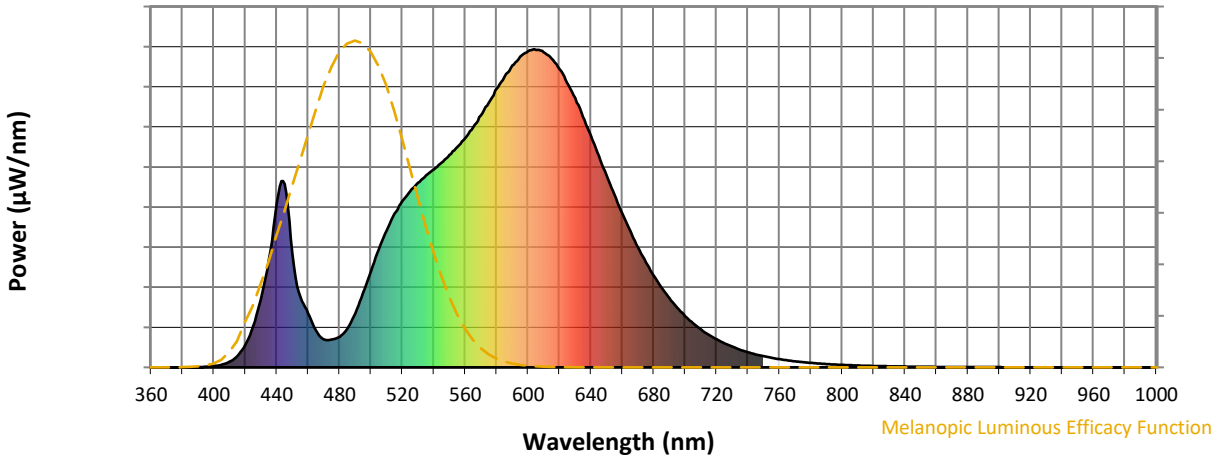


Scotopic Lumens: NR **S/P: 1.28**

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			

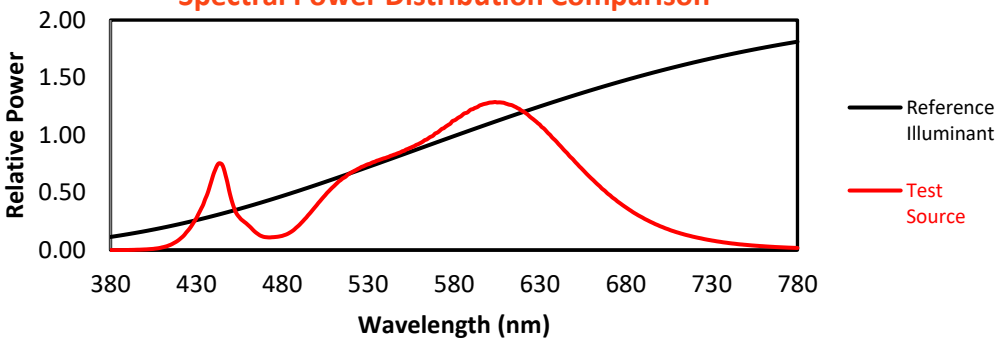
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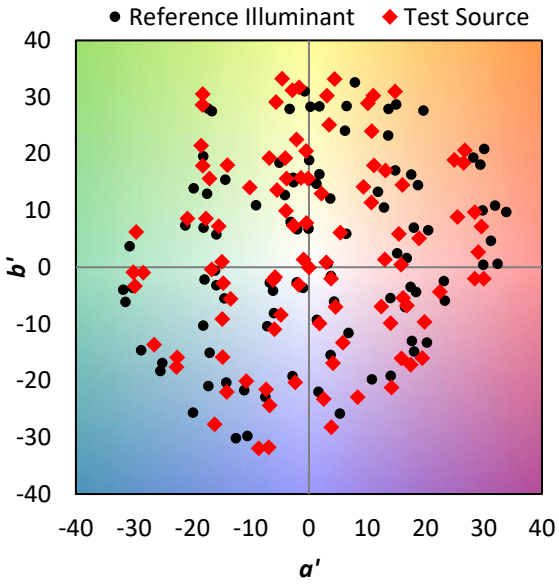
Summary

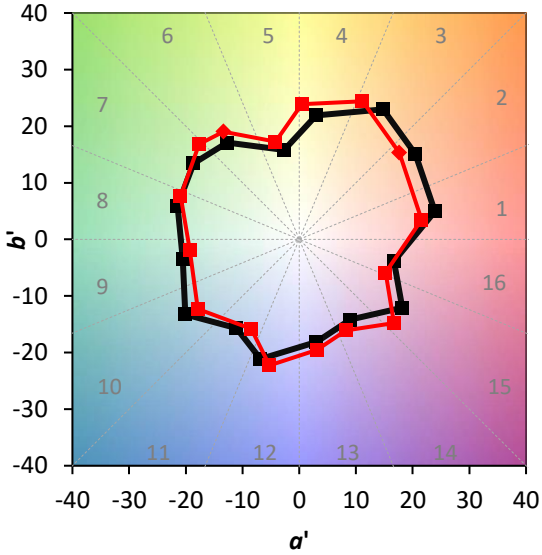
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

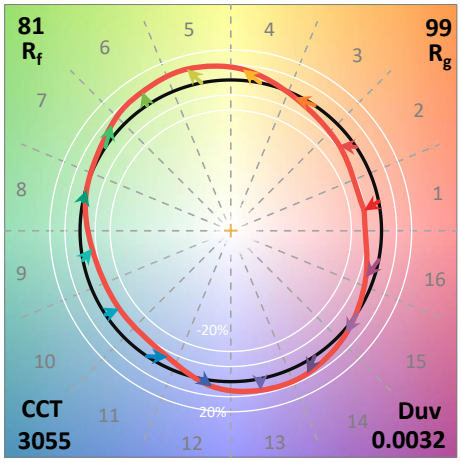
Spectral Power Distribution Comparison

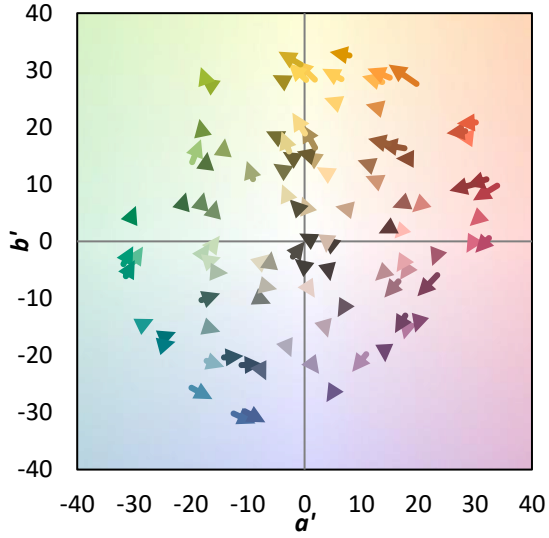


Color Vector Graphics







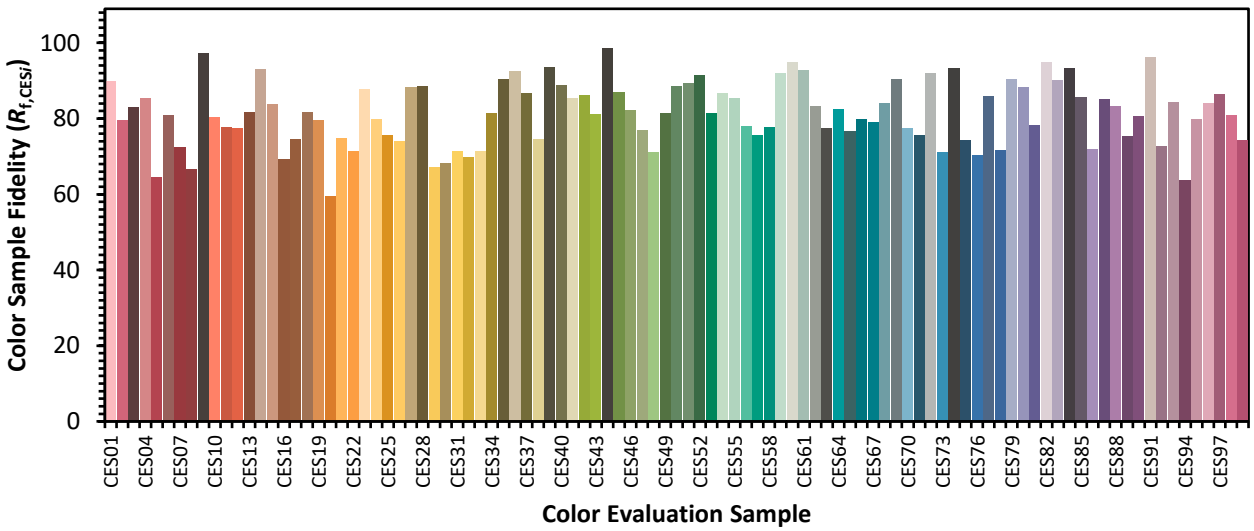


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Individual Sample Fidelity Index ($R_{f,i}$)

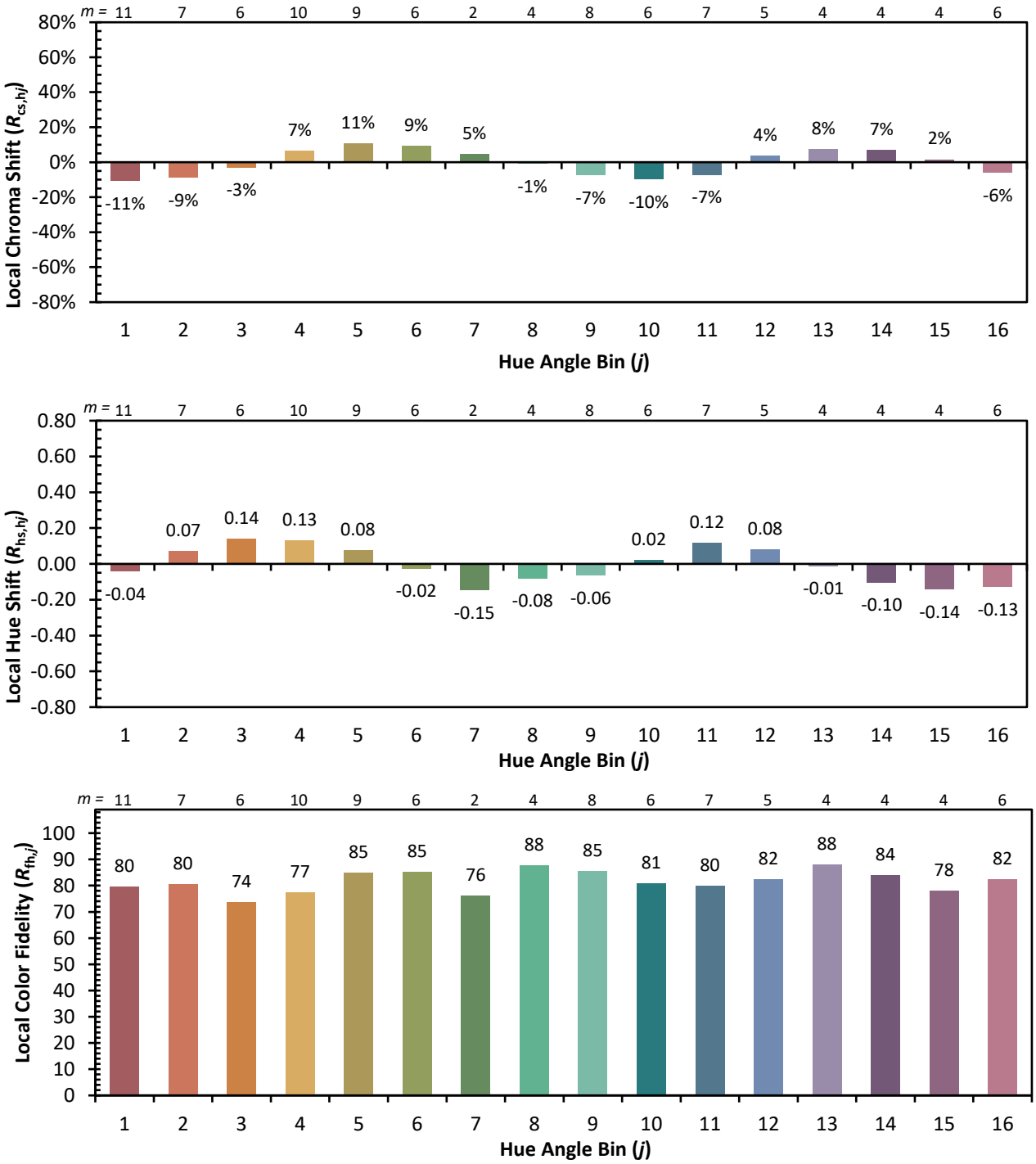
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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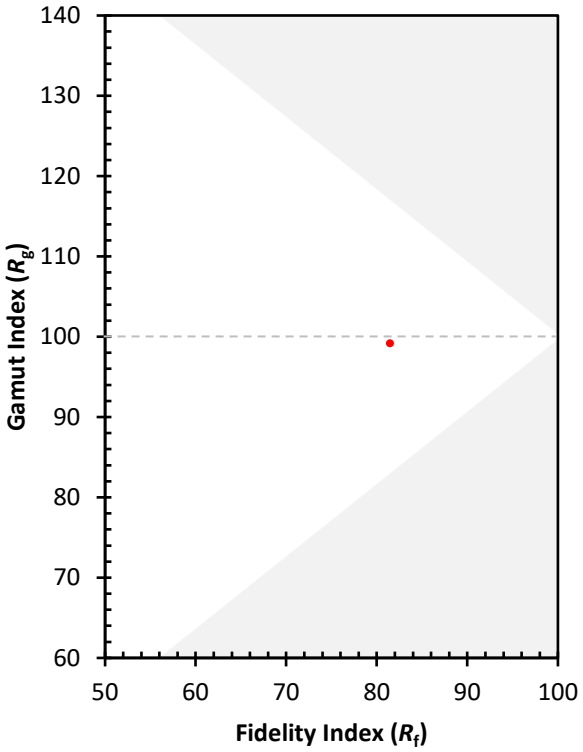
Color Rendition by Hue-Angle Bin

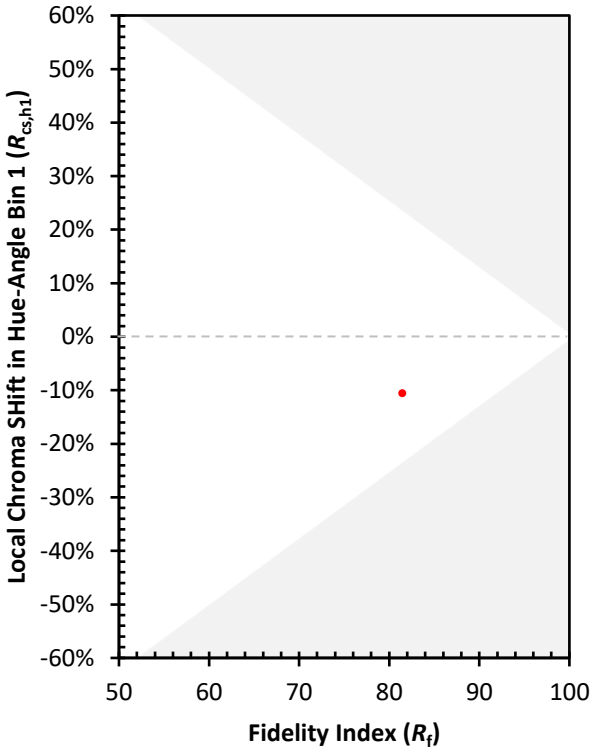


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Measure Comparisons





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