Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: P1500761

Luminaire Tested: GSS-SB4A-830-U-T4LG

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:	P1500761
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	7/20/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGRAW-EDISON
Catalog Number:	GSS-SB4A-830-U-T4LG
Description:	GALLEON II SLIM SITE HIGH DENSITY LED ARRAYS 4SQUARE 114W 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE DISTRIBUTION FIXTURE
Light Source:	(104) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15683 lumens
Efficiency:	N/A
Efficacy:	137.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G2

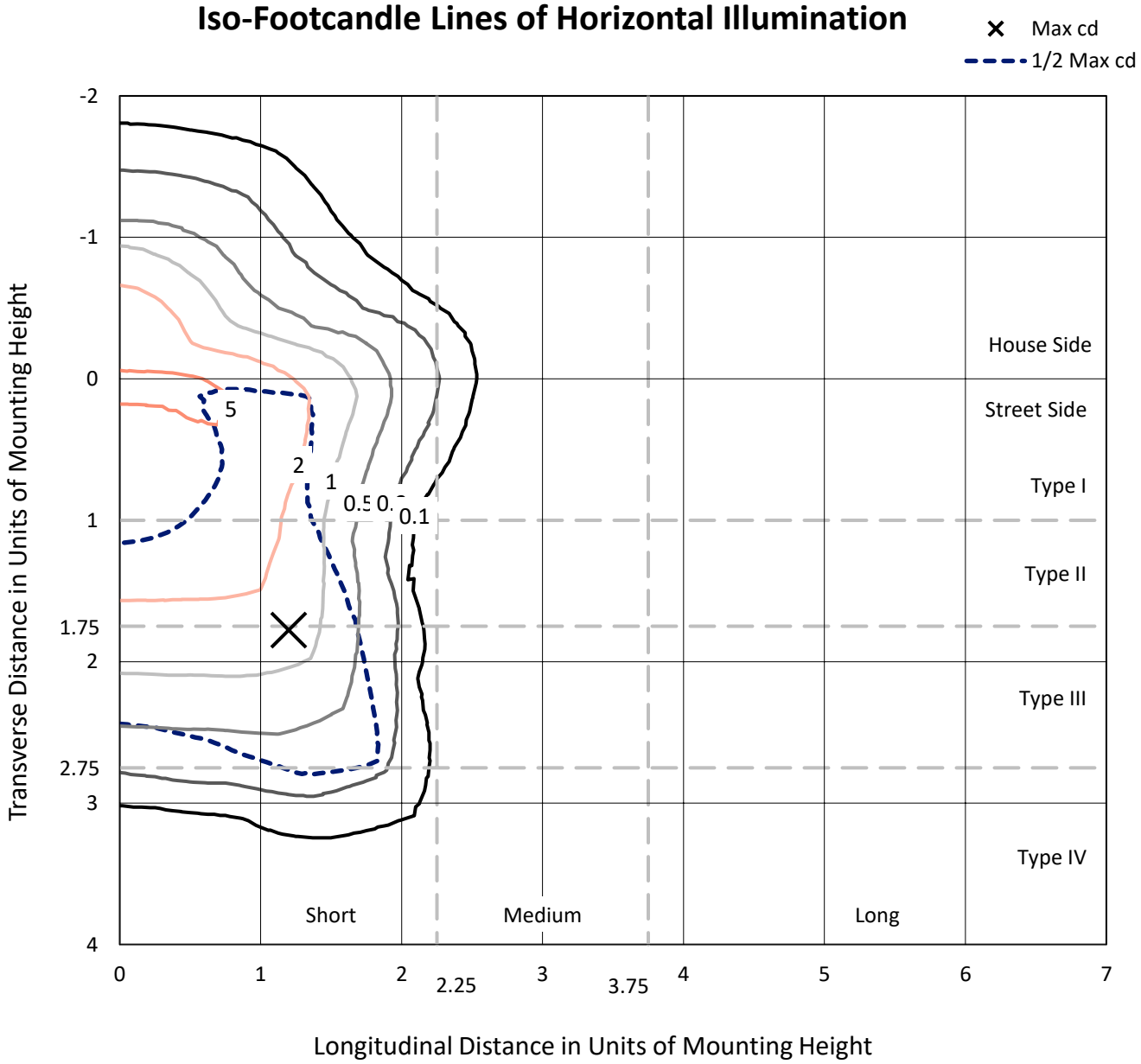
Input Watts (W):	114
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	8.2%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Scaled Data Report

REPORT NUMBER: P1500761
CATALOG NUMBER: GSS-SB4A-830-U-T4LG

Iso-Footcandle Lines of Horizontal Illumination



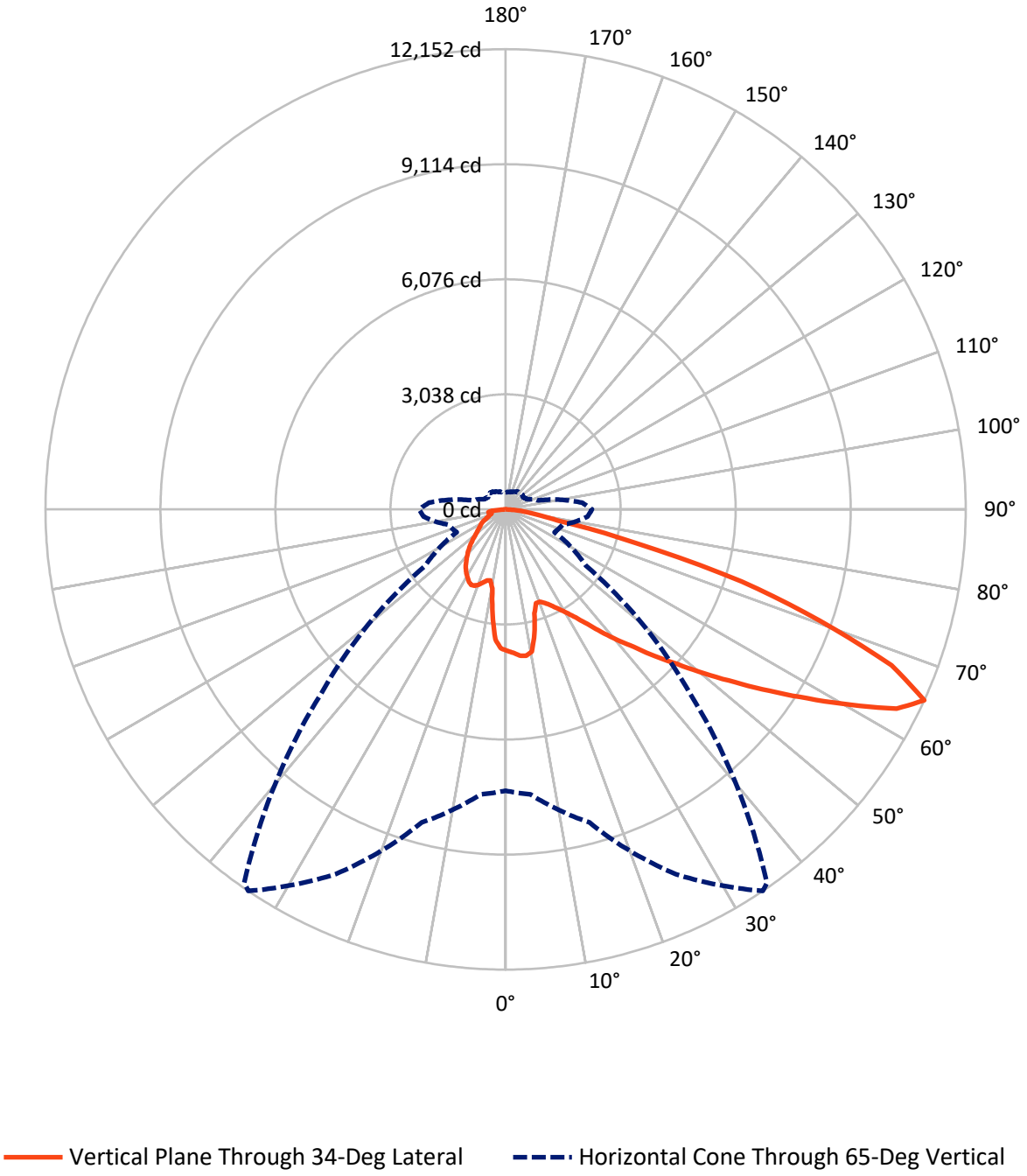
Based on 25 foot mounting height. Maximum calculated value = 6.3 fc
Type III - Short - N/A

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REPORT NUMBER: P1500761
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Luminous Intensity Polar Plot



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Scaled Data Report

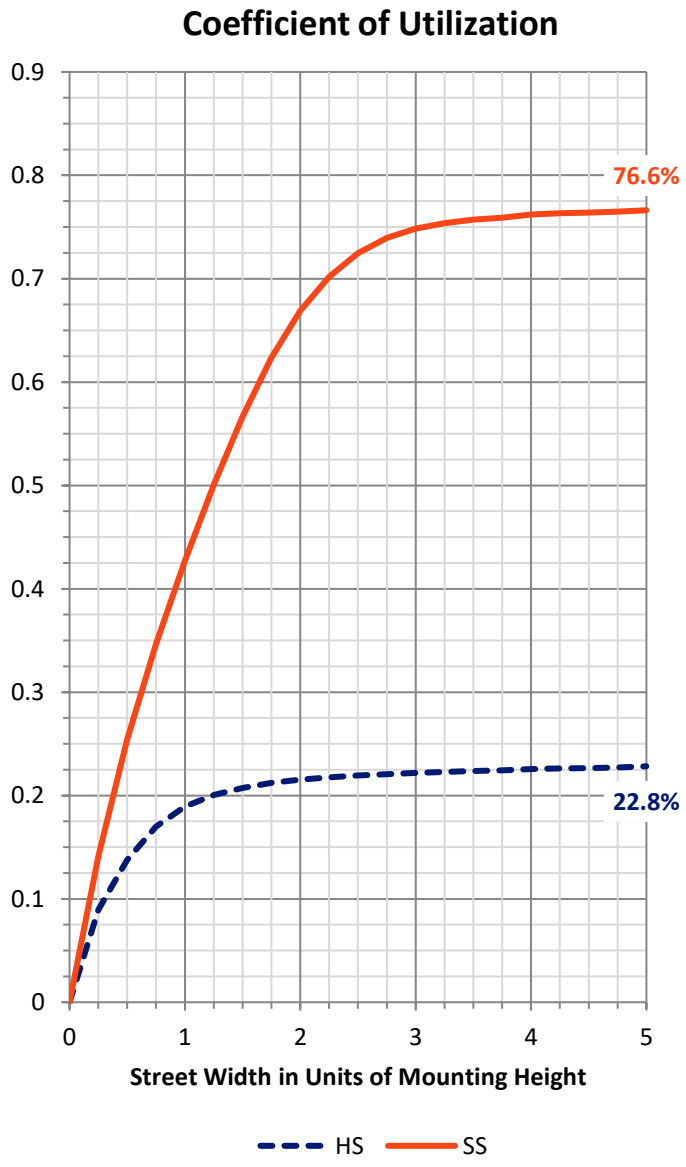
REPORT NUMBER: P1500761
CATALOG NUMBER: GSS-SB4A-830-U-T4LG

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3648.7	0.0	3648.7
	% Fixture	23.3	0.0	23.3
Street Side	Lumens	12034.3	0.0	12034.3
	% Fixture	76.7	0.0	76.7
Total	Lumens	15683.0	0.0	15683.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	336.1	2.1
10°-20°	846.0	5.4
20°-30°	1402.4	8.9
30°-40°	2109.1	13.4
40°-50°	2954.8	18.8
50°-60°	3725.6	23.8
60°-70°	3204.3	20.4
70°-80°	952.6	6.1
80°-90°	152.0	1.0
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°	15683.0	100.0
0°-180°	15683.0	100.0



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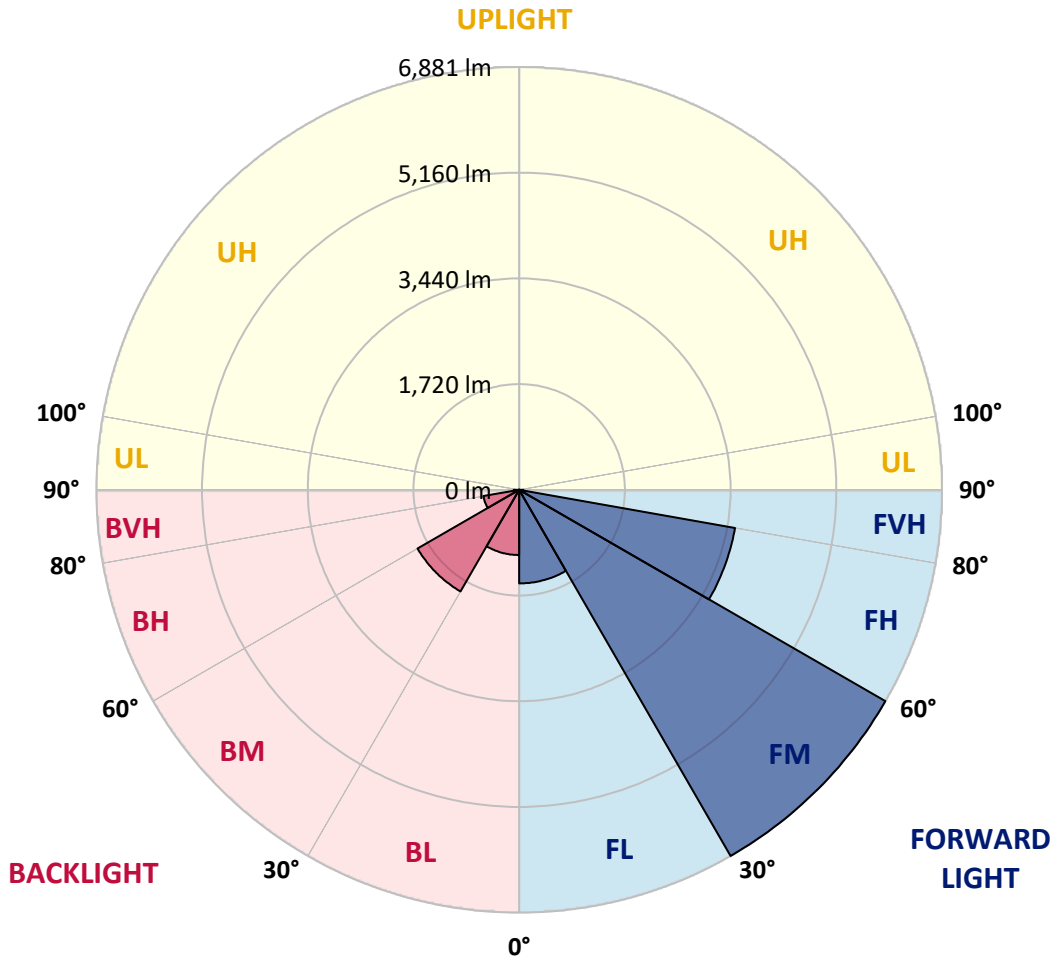
Scaled Data Report

REPORT NUMBER: P1500761
CATALOG NUMBER: GSS-SB4A-830-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1523.0	9.7			
FM	(30°-60°)	6880.6	43.9			
FH	(60°-80°)	3566.4	22.7			G2/5000
FVH	(80°-90°)	64.3	0.4			G1/100
BL	(0°-30°)	1061.6	6.8	B3/2500		
BM	(30°-60°)	1908.9	12.2	B2/2500		
BH	(60°-80°)	590.5	3.8	B2/1000		G2/1000
BVH	(80°-90°)	87.7	0.6			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°	34°	35°	45°	55°	65°	75°	85°
0°	3728.7	3728.7	3728.7	3728.7	*3728.7*	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7
2.5°	3799.7	3821.0	3796.2	3785.5	*3789.1*	3792.6	3774.9	3778.4	3757.1	3757.1	3739.4
5°	3881.4	3885.0	3870.7	3881.4	*3877.8*	3874.3	3874.3	3870.7	3824.6	3813.9	3796.2
7.5°	3835.2	3849.4	3856.5	3895.6	*3906.3*	3927.6	3941.8	3948.9	3913.4	3885.0	3838.8
10°	3412.6	3423.3	3505.0	3682.5	*3817.5*	3842.3	3973.7	4048.3	4023.4	4009.2	3931.1
12.5°	2727.3	2745.0	2837.4	3068.2	*3384.2*	3451.7	3870.7	4122.9	4179.7	4183.2	4069.6
15°	2432.5	2432.5	2460.9	2592.3	*2848.0*	2901.3	3519.2	4144.2	4346.6	4371.5	4233.0
17.5°	2372.2	2368.6	2386.4	2464.5	*2599.4*	2631.4	3114.4	4034.1	4545.5	4588.1	4410.5
20°	2368.6	2358.0	2393.5	2482.2	*2599.4*	2627.8	2926.1	3842.3	4701.7	4836.7	4588.1
22.5°	2372.2	2372.2	2421.9	2549.7	*2684.7*	2709.5	2961.7	3682.5	4829.6	5095.9	4776.3
25°	2411.2	2404.1	2475.1	2631.4	*2816.1*	2833.8	3107.3	3675.4	4939.6	5387.1	5003.6
27.5°	2475.1	2478.7	2574.6	2762.8	*2972.3*	3007.8	3309.7	3828.1	5074.6	5706.7	5223.7
30°	2610.1	2613.6	2727.3	2919.0	*3160.5*	3206.7	3544.0	4055.4	5266.3	6051.2	5461.7
32.5°	2762.8	2780.5	2919.0	3142.8	*3402.0*	3426.9	3831.7	4396.3	5554.0	6395.6	5717.3
35°	3018.5	3036.2	3192.5	3426.9	*3714.5*	3750.0	4183.2	4790.5	5905.6	6743.6	5916.2
37.5°	3348.7	3362.9	3515.6	3799.7	*4105.1*	4140.6	4573.9	5209.5	6260.7	7020.6	6093.8
40°	3742.9	3774.9	3938.2	4215.2	*4524.2*	4545.5	5000.0	5614.4	6644.2	7212.4	6164.8
42.5°	4172.6	4204.6	4371.5	4676.9	*4960.9*	5024.9	5461.7	6044.0	6956.7	7297.6	6108.0
45°	4723.0	4715.9	4872.2	5191.8	*5525.6*	5550.4	5955.3	6399.2	7144.9	7226.6	6051.2
47.5°	5390.6	5397.7	5497.2	5756.4	*6100.9*	6157.7	6470.2	6704.6	7255.0	7169.8	5987.2
50°	6143.5	6161.2	6246.5	6434.7	*6804.0*	6843.1	6935.4	6917.6	7322.5	7049.0	6012.1
52.5°	6896.3	6907.0	7020.6	7219.5	*7578.1*	7606.6	7404.1	7081.0	7070.3	6562.5	5958.8
55°	7514.2	7510.7	7713.1	8018.5	*8455.3*	8437.5	7865.8	6956.7	6282.0	5806.1	5720.9
57.5°	8050.4	8071.8	8334.5	8863.7	*9414.1*	9399.9	8359.4	6299.7	5131.4	4911.2	5333.8
60°	8533.4	8583.1	9076.7	9868.6	*10475.9*	10390.6	8448.2	5309.0	3991.5	3845.9	4566.8
62.5°	8323.9	8416.2	9208.1	10752.9	*11587.4*	11399.2	7901.3	4112.2	2702.4	2571.0	3228.0
65°	*7429.0*	*7553.3*	*8558.3*	*10625.0*	*12152.0*	*12034.8*	*6907.0*	*2585.2*	*1424.0*	*1562.5*	*2173.3*
67.5°	6239.4	6388.5	7475.2	9545.5	*10994.3*	10742.2	5365.8	1360.1	664.1	1029.8	1349.4
70°	3419.8	3789.1	5404.8	8117.9	*8806.8*	8455.3	3103.7	642.8	483.0	642.8	806.1
72.5°	1285.5	1374.3	2343.8	5458.1	*6523.5*	6090.2	1179.0	415.5	404.8	475.9	582.4
75°	617.9	660.5	1019.2	2482.2	*3561.8*	3320.3	578.8	308.9	348.0	372.9	422.6
77.5°	369.3	397.7	635.7	1441.8	*1402.7*	1289.1	355.1	237.9	280.5	266.3	248.6
80°	220.2	245.0	387.1	820.3	*845.2*	749.3	216.6	166.9	195.3	170.5	152.7
82.5°	127.8	138.5	202.4	369.3	*536.2*	493.6	124.3	99.4	142.0	113.6	85.2
85°	63.9	67.5	92.3	159.8	*266.3*	202.4	53.3	46.2	67.5	49.7	28.4
87.5°	14.2	14.2	14.2	17.8	*24.9*	24.9	7.1	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: P1500761
CATALOG NUMBER: GSS-SB4A-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7	3728.7
2.5°	3735.8	3742.9	3718.0	3689.6	3682.5	3661.2	3668.3	3654.1	3632.8	3636.4	3639.9
5°	3771.3	3757.1	3707.4	3643.5	3586.7	3522.7	3448.2	3362.9	3302.6	3277.7	3299.0
7.5°	3803.3	3789.1	3703.8	3561.8	3370.0	3103.7	2826.7	2574.6	2400.6	2336.7	2350.9
10°	3892.1	3835.2	3679.0	3370.0	2911.9	2407.7	2127.1	1970.9	1917.6	1889.2	1892.8
12.5°	4009.2	3931.1	3632.8	3036.2	2343.8	2024.2	1924.7	1889.2	1871.5	1864.4	1871.5
15°	4151.3	4030.5	3522.7	2617.2	2081.0	1956.7	1935.4	1938.9	1938.9	1942.5	1942.5
17.5°	4275.6	4087.4	3323.9	2315.3	2027.7	1992.2	2013.5	2031.3	2031.3	2034.8	2031.3
20°	4389.2	4115.8	3068.2	2187.5	2038.4	2056.1	2105.8	2123.6	2127.1	2123.6	2123.6
22.5°	4510.0	4133.5	2812.5	2116.5	2063.2	2116.5	2169.7	2194.6	2201.7	2205.3	2208.8
25°	4627.1	4098.0	2603.0	2059.7	2052.6	2127.1	2187.5	2219.5	2226.6	2226.6	2230.1
27.5°	4744.3	4087.4	2460.9	1985.1	2002.8	2063.2	2134.2	2176.9	2205.3	2208.8	2212.4
30°	4879.3	4055.4	2326.0	1885.7	1892.8	1967.3	2041.9	2116.5	2173.3	2198.2	2198.2
32.5°	4971.6	4023.4	2205.3	1779.1	1779.1	1857.2	1949.6	2041.9	2123.6	2173.3	2184.0
35°	5060.4	3995.0	2098.7	1672.6	1676.1	1750.7	1846.6	1946.0	2049.0	2109.4	2137.8
37.5°	5106.5	3966.6	2024.2	1590.9	1576.7	1654.8	1718.8	1800.4	1910.5	2009.9	2034.8
40°	5117.2	3966.6	2017.1	1534.1	1473.7	1562.5	1590.9	1647.7	1747.2	1853.7	1892.8
42.5°	5046.2	3927.6	2052.6	1498.6	1367.2	1431.1	1463.1	1491.5	1555.4	1644.2	1676.1
45°	4960.9	3874.3	2084.5	1448.9	1235.8	1285.5	1335.2	1338.8	1367.2	1388.5	1409.8
47.5°	4889.9	3817.5	2027.7	1356.5	1100.9	1136.4	1189.6	1189.6	1175.4	1132.8	1118.6
50°	4946.7	3835.2	1931.8	1225.1	976.6	1001.4	1058.2	1026.3	994.3	905.5	894.9
52.5°	4996.5	3902.7	1818.2	1097.3	870.0	894.9	951.7	902.0	838.1	767.0	756.4
55°	4914.8	3906.3	1608.7	955.3	795.5	816.8	870.0	809.7	749.3	706.7	699.6
57.5°	4669.8	3799.7	1388.5	845.2	731.5	752.8	802.6	742.2	685.4	681.8	699.6
60°	4130.0	3426.9	1186.1	774.1	671.2	696.0	745.7	681.8	607.2	575.3	585.9
62.5°	3117.9	2634.9	1015.6	692.5	614.3	646.3	681.8	578.8	514.9	500.7	486.5
65°	*2279.8*	*2024.2*	*912.6*	*628.6*	*561.1*	*600.1*	*571.7*	*514.9*	*472.3*	*458.1*	*451.0*
67.5°	1473.7	1374.3	784.8	568.2	511.4	543.3	504.3	475.9	429.7	422.6	433.2
70°	902.0	934.0	657.0	500.7	461.6	454.5	461.6	433.2	383.5	394.2	408.4
72.5°	639.2	688.9	564.6	436.8	394.2	380.0	411.9	394.2	358.7	369.3	383.5
75°	458.1	511.4	465.2	358.7	333.8	326.7	383.5	394.2	369.3	376.4	387.1
77.5°	269.9	326.7	330.3	277.0	252.1	291.2	408.4	454.5	436.8	415.5	404.8
80°	174.0	195.3	234.4	177.6	177.6	252.1	447.4	554.0	475.9	422.6	415.5
82.5°	88.8	103.0	152.7	113.6	106.5	188.2	440.3	529.1	525.6	468.8	458.1
85°	24.9	32.0	71.0	49.7	42.6	99.4	330.3	397.7	355.1	259.2	262.8
87.5°	3.6	3.6	0.0	0.0	3.6	14.2	39.1	7.1	7.1	7.1	7.1
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

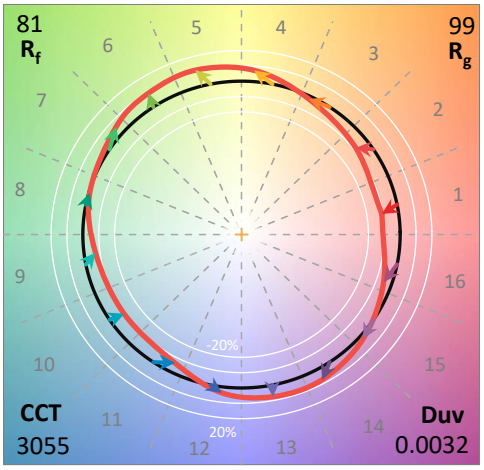
Test Information

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

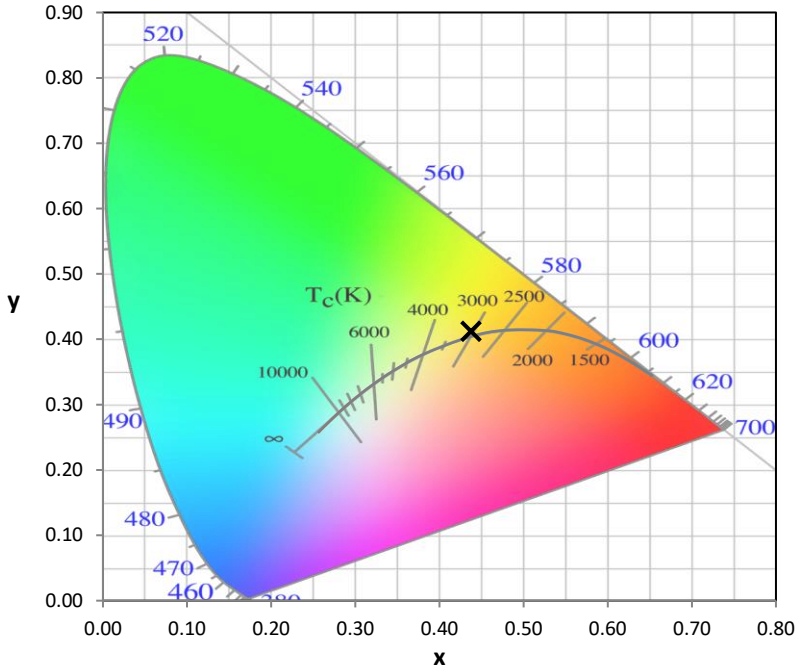
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

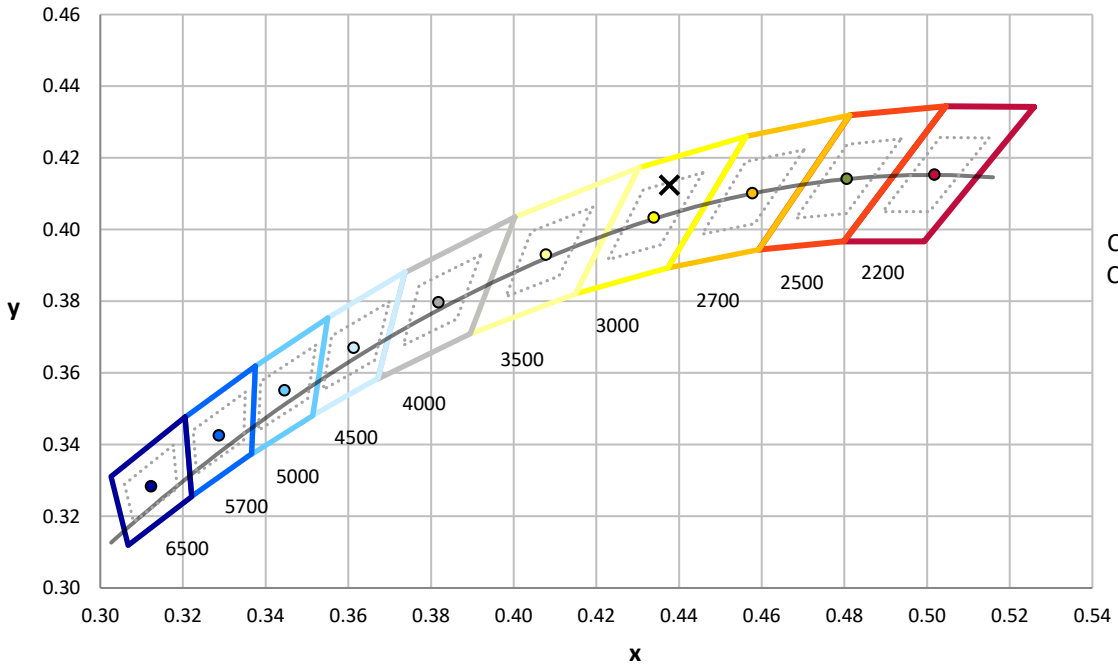
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

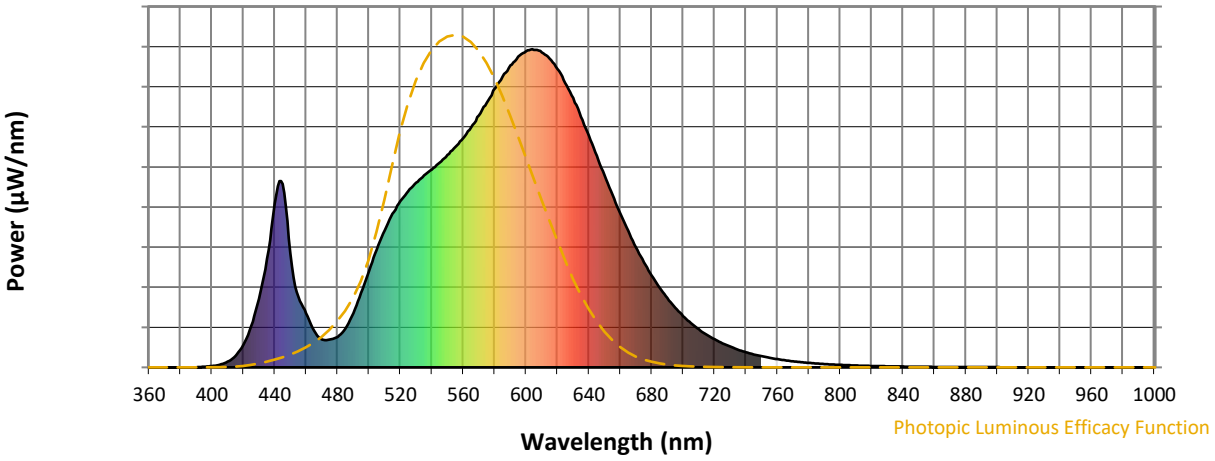


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

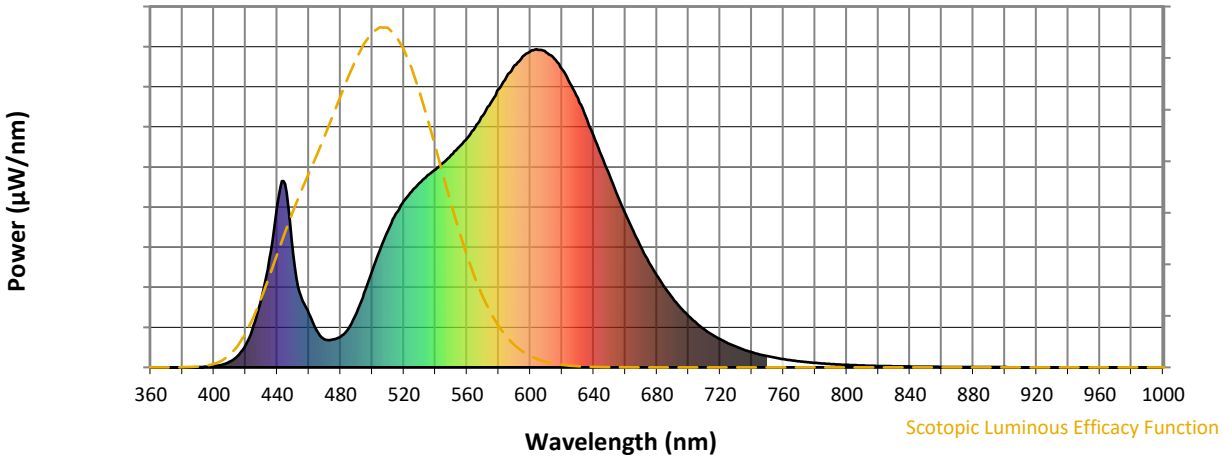


Photopic Lumens: NR

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

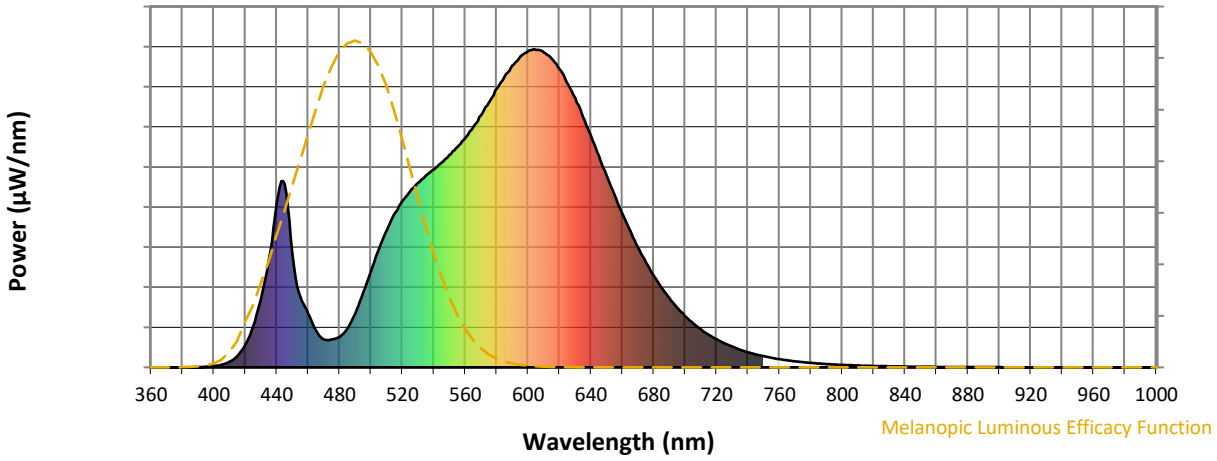


Scotopic Lumens: NR **S/P: 1.28**

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			

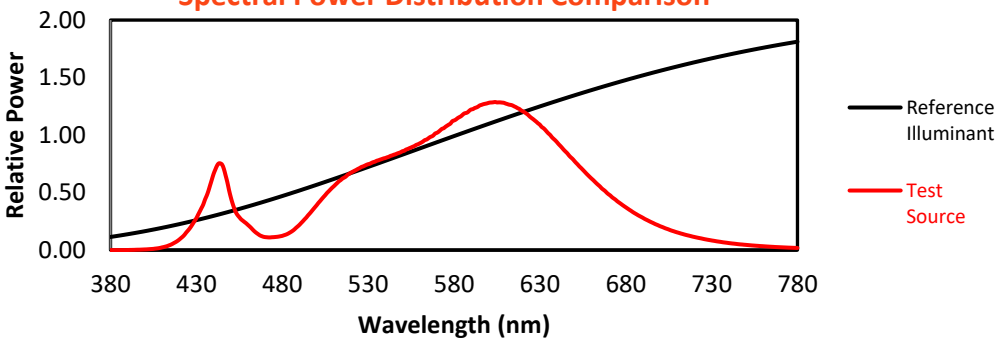
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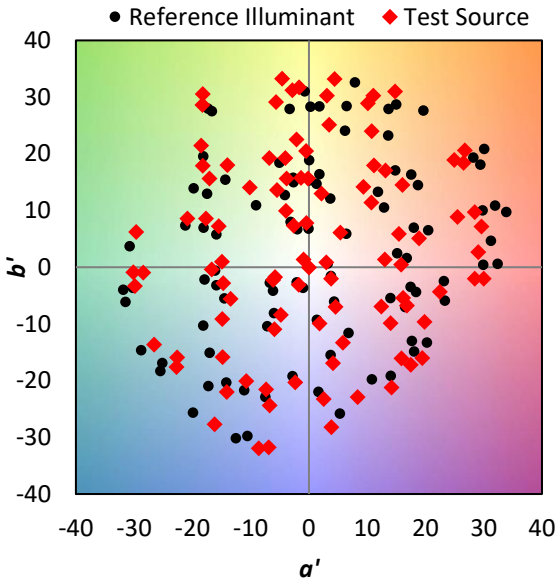
Summary

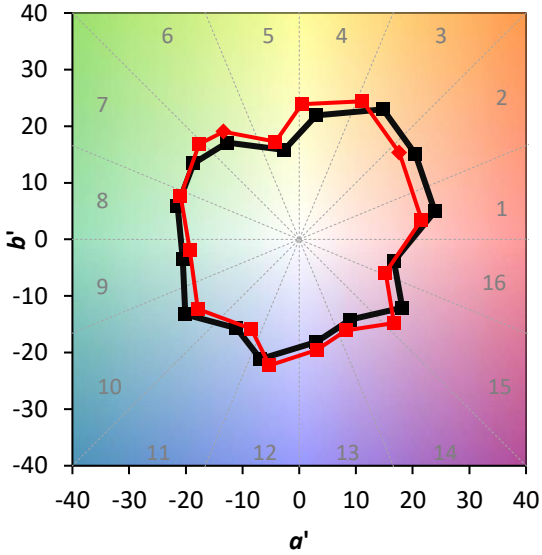
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

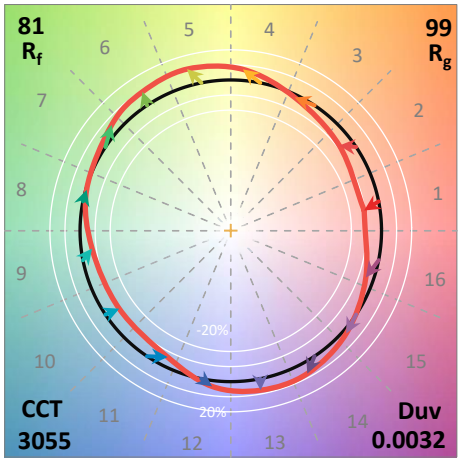
Spectral Power Distribution Comparison

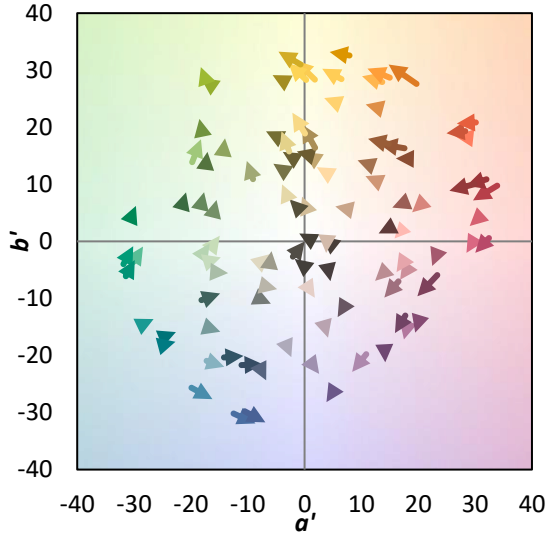


Color Vector Graphics







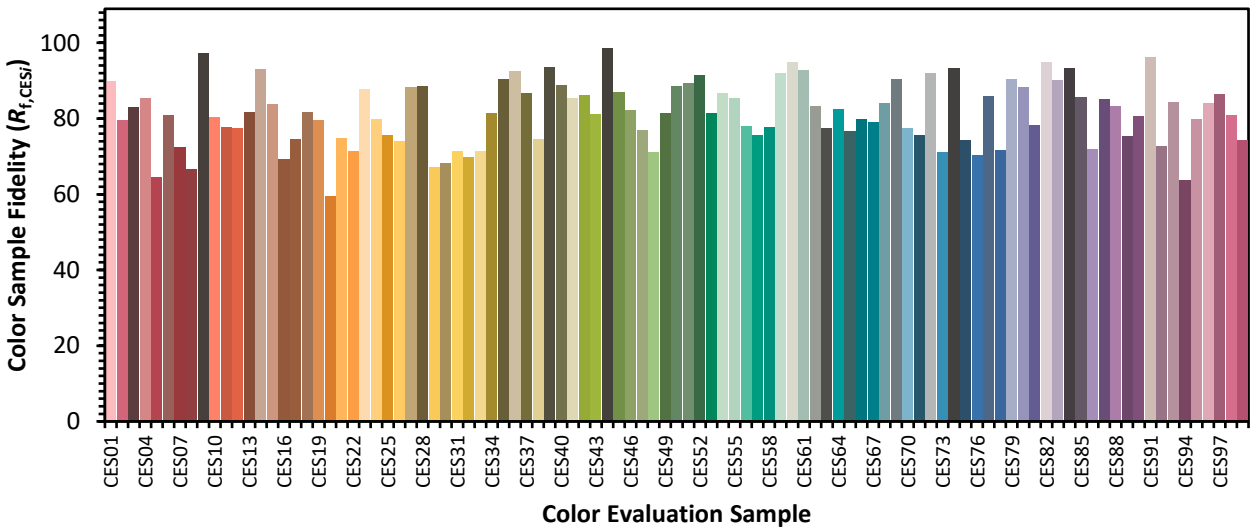


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Individual Sample Fidelity Index ($R_{f,i}$)

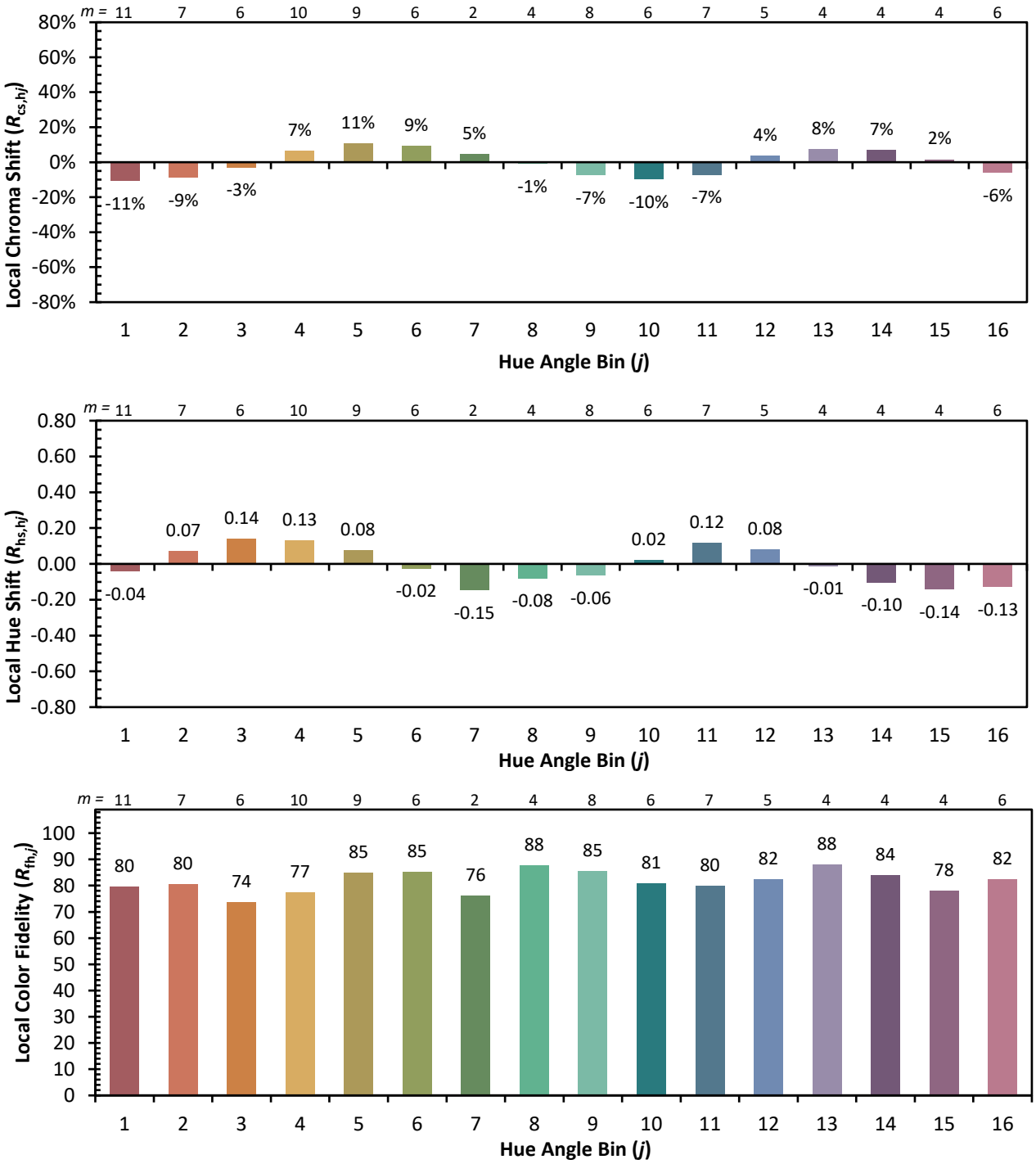
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82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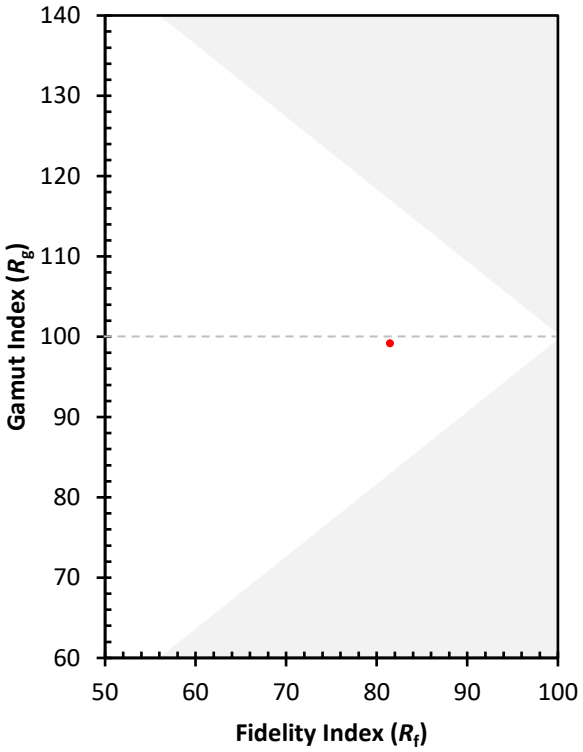
Color Rendition by Hue-Angle Bin

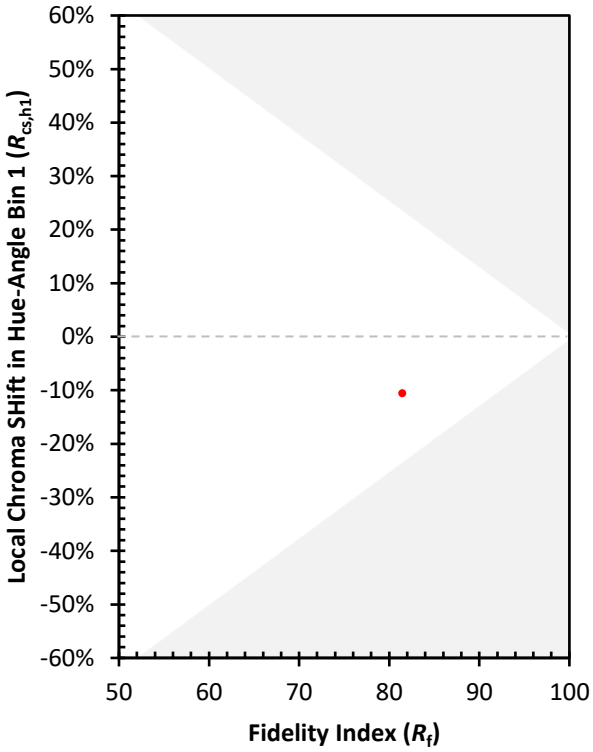


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Measure Comparisons





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