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: STREETWORKS

Report Number: P1458950

Luminaire Tested: GLAN-SB7D-830-U-T4LG-HSS

Issue Date: 05/20/2026

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:	P1458950
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	47135.6 lumens
Efficiency:	N/A
Efficacy:	91.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	512.8
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1458950
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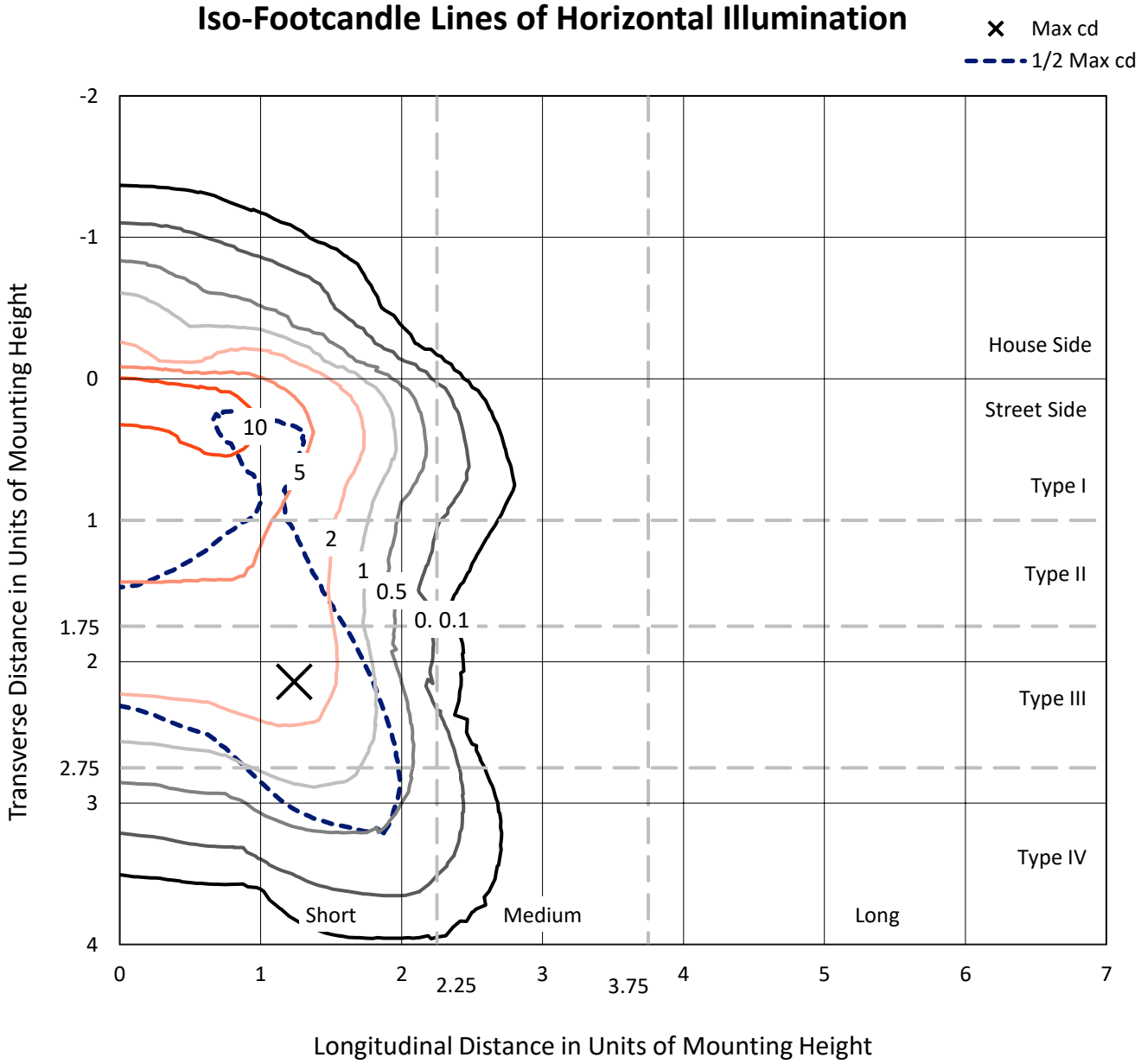
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 15.8 fc
Type IV - Short - N/A

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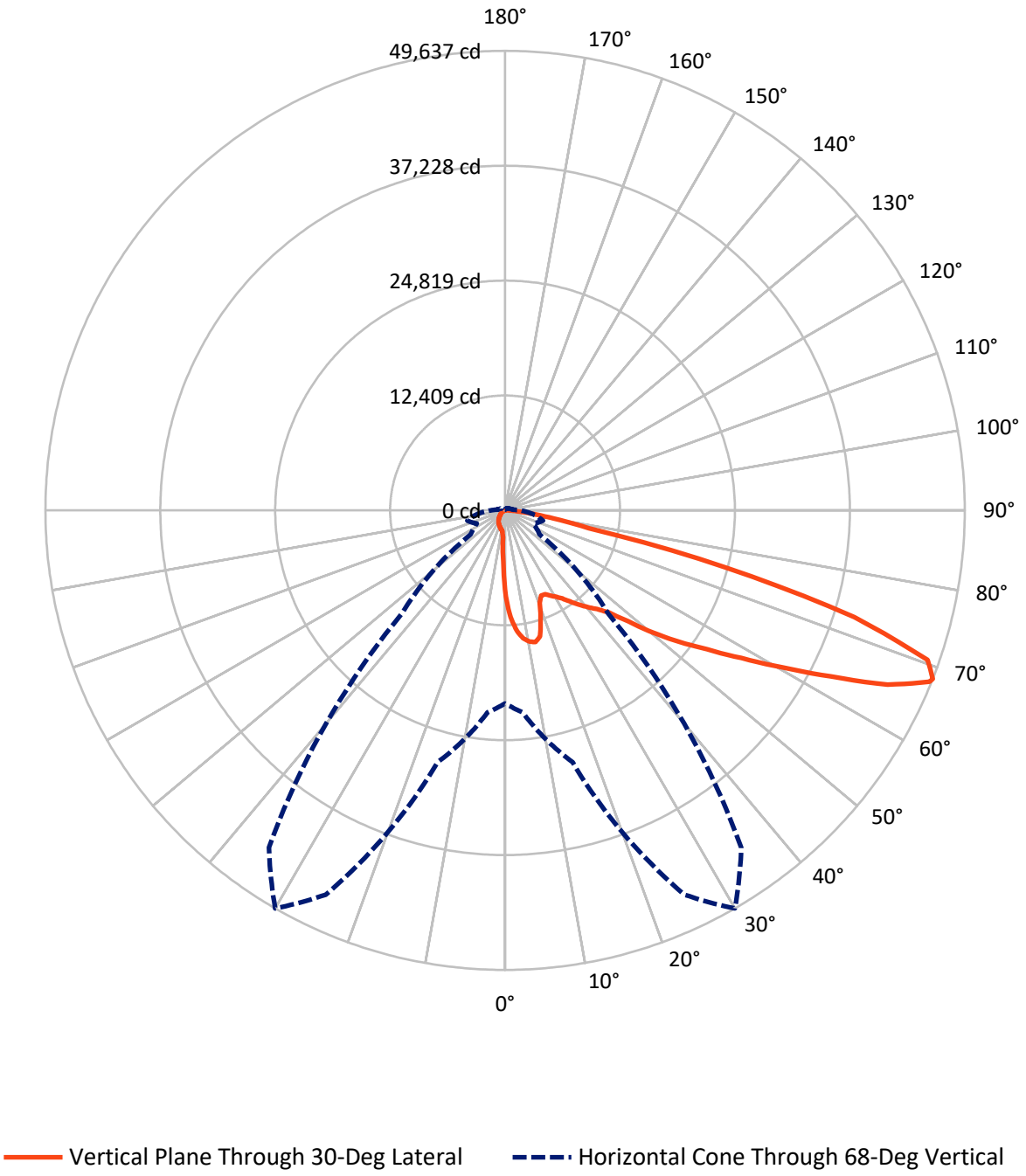
Luminous Intensity Polar Plot



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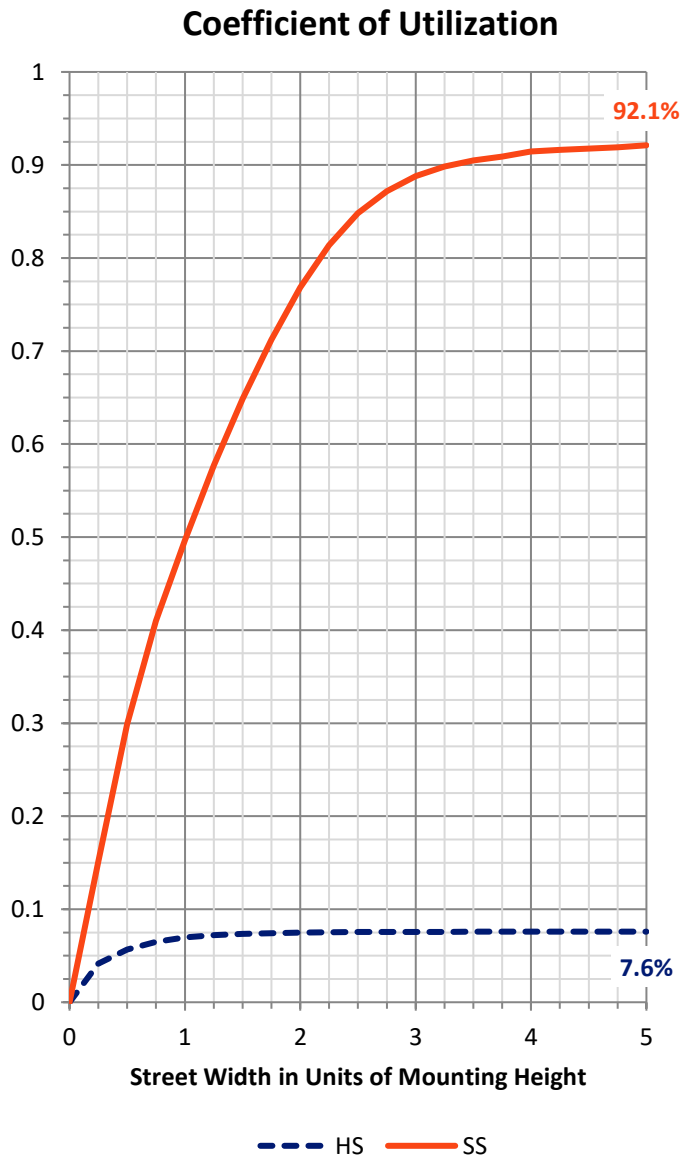
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3597.7	0.0	3597.7
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	43537.9	0.0	43537.9
	% Fixture	92.4	0.0	92.4
Total	Lumens	47135.6	0.0	47135.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	802.0	1.7
10°-20°	2289.7	4.9
20°-30°	3598.2	7.6
30°-40°	5643.4	12.0
40°-50°	8435.3	17.9
50°-60°	11221.7	23.8
60°-70°	10847.9	23.0
70°-80°	3899.4	8.3
80°-90°	397.9	0.8
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°	47135.6	100.0
0°-180°	47135.6	100.0



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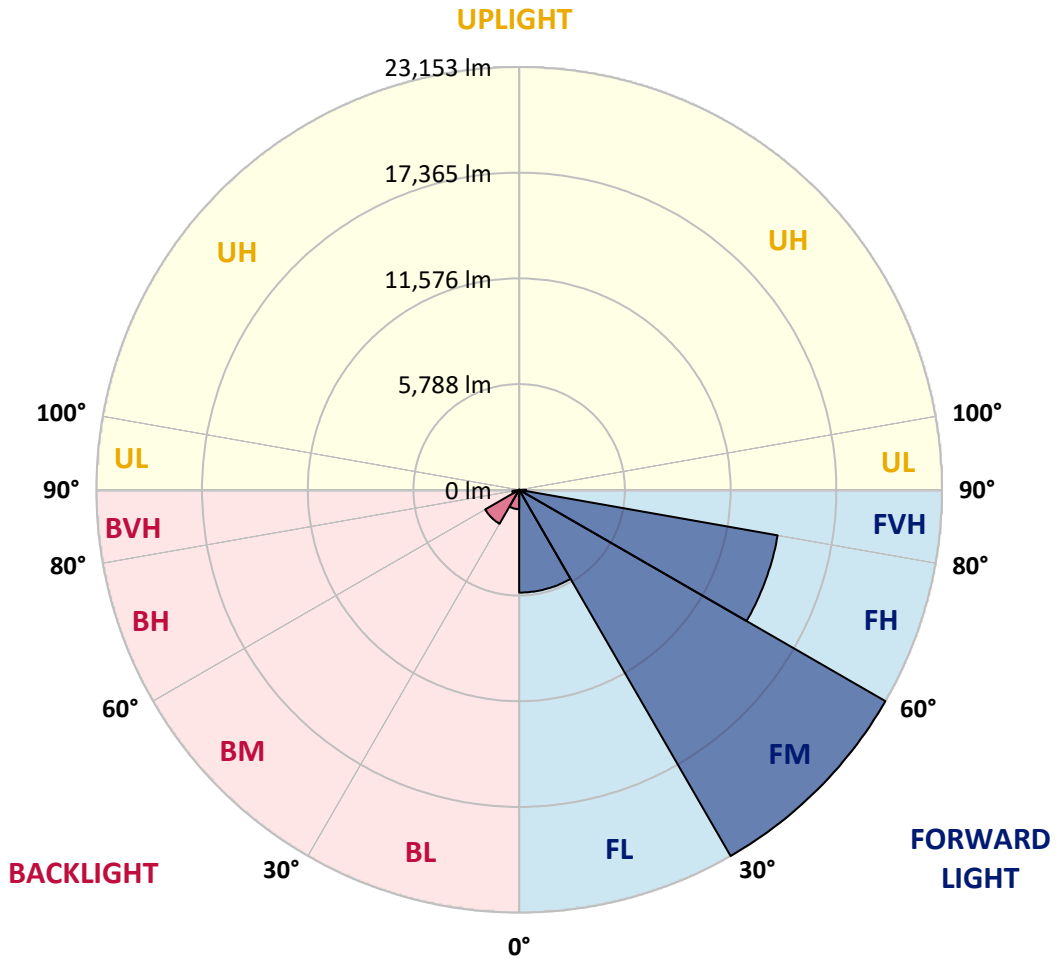
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5628.0	11.9			
FM	(30°-60°)	23153.0	49.1			
FH	(60°-80°)	14373.1	30.5			G5
FVH	(80°-90°)	383.8	0.8			G3/500
BL	(0°-30°)	1061.9	2.3	B3/2500		
BM	(30°-60°)	2147.5	4.6	B2/2500		
BH	(60°-80°)	374.2	0.8	B1/500		G1/500
BVH	(80°-90°)	14.1	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type IV Short



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REPORT NUMBER: P1458950
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	9294.6	9294.6	9294.6	9294.6	*9294.6*	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6
2.5°	11879.5	11879.5	11794.8	11681.8	*11554.6*	11512.3	11272.1	10933.1	10580.0	10170.4	9577.1
5°	13405.1	13391.0	13221.5	13221.5	*13052.0*	12896.6	12656.4	12162.0	11597.0	10862.5	9831.3
7.5°	14083.1	14111.4	14040.7	14040.7	*13941.9*	13828.9	13687.6	13207.3	12543.4	11554.6	10085.6
10°	14323.2	14337.4	14337.4	14436.2	*14408.0*	14393.9	14379.7	14111.4	13419.2	12260.9	10354.0
12.5°	13744.1	13814.7	14012.5	14450.4	*14591.6*	14747.0	14958.9	14874.1	14393.9	13150.8	10763.6
15°	11879.5	11893.7	12444.6	13532.2	*14111.4*	14704.6	15523.9	15693.4	15382.7	14111.4	11187.4
17.5°	9803.1	9845.5	10283.4	11498.1	*12430.4*	13800.6	15848.8	16540.9	16427.9	15057.8	11582.9
20°	8941.4	8997.9	9209.8	9972.6	*10678.9*	11950.2	15523.9	17346.1	17388.5	16004.2	11950.2
22.5°	8743.7	8786.1	8955.6	9548.8	*9986.7*	10834.2	14422.1	17981.7	18476.1	17091.8	12388.1
25°	8687.2	8729.6	8983.8	9633.6	*10043.2*	10749.5	13419.2	18320.8	19761.6	18221.9	12811.8
27.5°	8644.8	8701.3	9110.9	9944.3	*10424.6*	11102.6	13235.6	18391.4	20990.5	19422.5	13504.0
30°	8701.3	8786.1	9322.8	10269.2	*10820.1*	11582.9	13673.5	18462.0	22346.5	20792.7	14379.7
32.5°	8927.3	8997.9	9647.7	10707.1	*11342.8*	12204.4	14422.1	18885.8	23631.9	22191.1	15213.2
35°	9181.6	9280.4	10057.3	11328.6	*12091.4*	13066.1	15439.2	19719.2	24860.9	23518.9	16074.8
37.5°	9492.3	9605.3	10537.6	12034.9	*12910.7*	14012.5	16540.9	20877.5	25948.5	24606.6	16936.5
40°	9916.1	10043.2	11088.5	12783.6	*13730.0*	14831.8	17628.6	22021.6	26781.9	25256.4	17501.5
42.5°	11582.9	11752.4	12190.3	13518.1	*14577.5*	15707.5	18702.1	23109.3	27092.7	25468.3	17614.5
45°	14690.5	14860.0	14747.0	15001.3	*15707.5*	16767.0	19874.6	24154.6	27135.1	25411.8	17558.0
47.5°	17812.2	18010.0	17911.1	17769.9	*17925.2*	18433.8	21188.2	24818.5	26909.1	25383.5	17558.0
50°	20792.7	20679.7	20693.8	20651.5	*20792.7*	21061.1	22459.5	24945.6	26852.6	25651.9	17713.4
52.5°	22388.9	22445.4	22798.5	23321.2	*23631.9*	23900.3	23914.5	25143.4	26442.9	25199.9	17529.7
55°	23956.8	24069.8	24889.1	25779.0	*26471.2*	26979.7	25369.4	25016.2	23999.2	23688.4	16569.2
57.5°	25722.5	25877.9	27036.2	28872.5	*30087.3*	30355.7	26810.2	22643.2	20312.5	21527.2	14704.6
60°	28152.1	28335.7	29875.4	32629.9	*34437.9*	33887.0	26923.2	18871.7	16131.3	17868.7	12133.8
62.5°	30059.0	30426.3	33209.0	37503.2	*39494.9*	37743.3	24818.5	14464.5	11272.1	12557.6	8856.7
65°	28025.0	28731.2	33265.5	43082.7	*45385.2*	42277.6	21513.1	9873.7	6356.5	8122.2	5664.3
67.5°	22657.3	23646.1	29536.4	45794.8	*49425.1*	44664.8	16936.5	5240.6	3644.4	4717.9	2980.5
68°	*20849.2*	*21922.8*	*28166.2*	*45794.8*	*49637.0*	*44452.9*	*15721.7*	*4534.3*	*3361.9*	*4237.6*	*2585.0*
70°	14408.0	15170.8	21654.4	43224.0	*48393.9*	40526.0	10354.0	2599.1	2528.5	2909.9	1709.2
72.5°	7062.7	7882.0	11582.9	34254.3	*39424.2*	31146.7	4717.9	1723.3	1921.1	2132.9	1341.9
75°	2811.0	2980.5	4562.5	16894.1	*24634.9*	19874.6	2472.0	1299.5	1652.7	1666.8	1059.4
77.5°	1610.3	1709.2	2528.5	6215.2	*9238.1*	8884.9	1596.2	932.3	1313.7	1200.7	692.1
80°	904.0	918.2	1426.7	3277.1	*5282.9*	4732.0	1087.7	678.0	1002.9	847.5	466.1
82.5°	452.0	508.5	904.0	1808.1	*2938.1*	3008.7	579.1	480.3	805.2	607.4	381.4
85°	324.9	353.1	649.8	1002.9	*1356.0*	2034.1	353.1	240.1	607.4	409.6	268.4
87.5°	169.5	211.9	409.6	494.4	*550.9*	692.1	169.5	113.0	339.0	240.1	141.3
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: P1458950
CATALOG NUMBER: GLAN-SB7D-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6	9294.6
2.5°	9294.6	8969.7	8305.8	7528.9	6921.5	6300.0	5791.4	5311.2	5085.2	5056.9	5113.4
5°	9252.2	8545.9	7034.5	5551.3	4336.5	3489.0	3022.9	2782.7	2655.6	2599.1	2613.2
7.5°	9167.4	8093.9	5678.4	3757.4	2811.0	2443.7	2330.7	2288.3	2274.2	2274.2	2274.2
10°	9082.7	7486.5	4350.7	2754.5	2302.5	2203.6	2175.3	2175.3	2161.2	2161.2	2175.3
12.5°	9040.3	6921.5	3376.0	2302.5	2147.1	2104.7	2076.4	2062.3	2062.3	2062.3	2076.4
15°	8941.4	6300.0	2726.2	2132.9	2048.2	1991.7	1977.6	1963.4	1963.4	1963.4	1963.4
17.5°	8856.7	5692.6	2373.1	2019.9	1949.3	1892.8	1878.7	1864.6	1864.6	1878.7	1878.7
20°	8729.6	5113.4	2132.9	1906.9	1850.4	1793.9	1779.8	1765.7	1779.8	1779.8	1779.8
22.5°	8574.2	4633.2	1991.7	1822.2	1751.6	1695.1	1695.1	1695.1	1695.1	1695.1	1709.2
25°	8475.3	4294.1	1892.8	1723.3	1652.7	1610.3	1596.2	1596.2	1624.4	1624.4	1638.6
27.5°	8630.7	4209.4	1906.9	1695.1	1567.9	1525.6	1511.4	1511.4	1539.7	1553.8	1567.9
30°	9096.8	4364.8	2076.4	1779.8	1511.4	1440.8	1426.7	1426.7	1469.1	1483.2	1497.3
32.5°	9633.6	4689.7	2330.7	1892.8	1469.1	1356.0	1327.8	1327.8	1370.2	1384.3	1398.4
35°	10368.1	5198.2	2669.7	1991.7	1497.3	1271.3	1214.8	1214.8	1243.0	1271.3	1285.4
37.5°	11314.5	6031.6	3065.2	2062.3	1497.3	1172.4	1101.8	1087.7	1115.9	1115.9	1130.0
40°	12303.3	7119.2	3474.9	2062.3	1426.7	1073.5	1002.9	960.5	974.7	960.5	974.7
42.5°	12854.2	7995.0	3828.0	1935.2	1341.9	974.7	904.0	847.5	833.4	805.2	819.3
45°	13165.0	8390.5	3729.1	1793.9	1257.2	904.0	819.3	748.7	720.4	678.0	678.0
47.5°	13165.0	8432.9	3192.4	1680.9	1172.4	847.5	734.5	663.9	621.5	579.1	593.3
50°	13009.6	8051.5	2528.5	1567.9	1073.5	791.0	663.9	607.4	550.9	522.6	522.6
52.5°	12359.8	6808.5	1935.2	1426.7	960.5	720.4	593.3	536.8	480.3	466.1	466.1
55°	11243.9	5000.4	1567.9	1285.4	861.7	663.9	536.8	494.4	437.9	409.6	409.6
57.5°	9139.2	3418.4	1299.5	1158.3	762.8	593.3	480.3	437.9	367.3	339.0	339.0
60°	6780.2	2231.8	1101.8	1017.0	649.8	536.8	423.8	367.3	310.8	282.5	268.4
62.5°	4576.7	1511.4	918.2	805.2	550.9	466.1	367.3	310.8	240.1	183.6	183.6
65°	2853.3	1172.4	762.8	635.6	480.3	409.6	310.8	240.1	169.5	127.1	113.0
67.5°	1638.6	946.4	621.5	494.4	409.6	324.9	240.1	197.8	141.3	98.9	84.8
68°	*1511.4*	*904.0*	*579.1*	*466.1*	*381.4*	*310.8*	*226.0*	*183.6*	*127.1*	*84.8*	*84.8*
70°	1228.9	805.2	494.4	381.4	324.9	254.3	197.8	155.4	98.9	56.5	56.5
72.5°	1087.7	678.0	423.8	296.6	226.0	211.9	155.4	113.0	70.6	42.4	28.3
75°	889.9	536.8	339.0	226.0	155.4	155.4	113.0	70.6	28.3	0.0	0.0
77.5°	579.1	395.5	268.4	141.3	84.8	98.9	70.6	28.3	0.0	0.0	0.0
80°	381.4	296.6	183.6	70.6	42.4	42.4	14.1	0.0	0.0	0.0	0.0
82.5°	268.4	197.8	113.0	28.3	14.1	14.1	0.0	0.0	0.0	0.0	0.0
85°	169.5	84.8	42.4	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	70.6	28.3	14.1	0.0	0.0	0.0	0.0	0.0	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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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

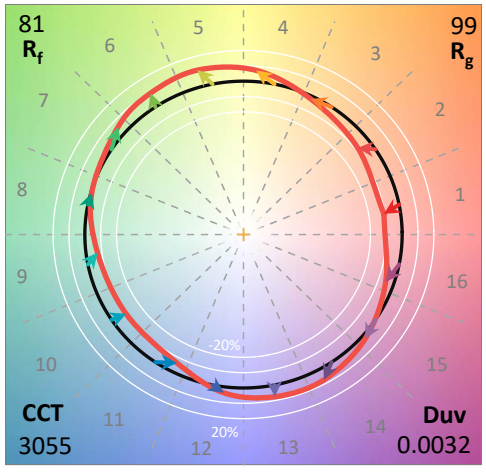
Test Information

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

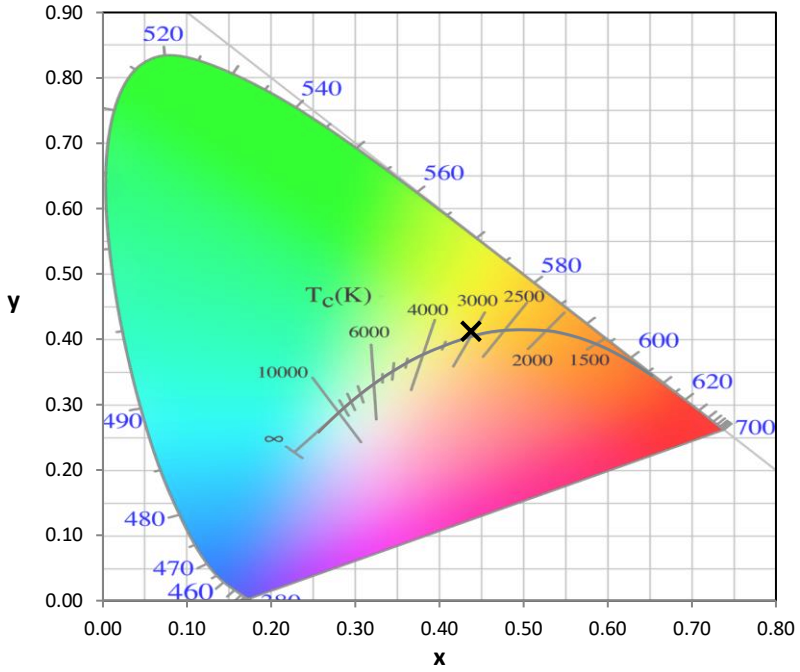
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

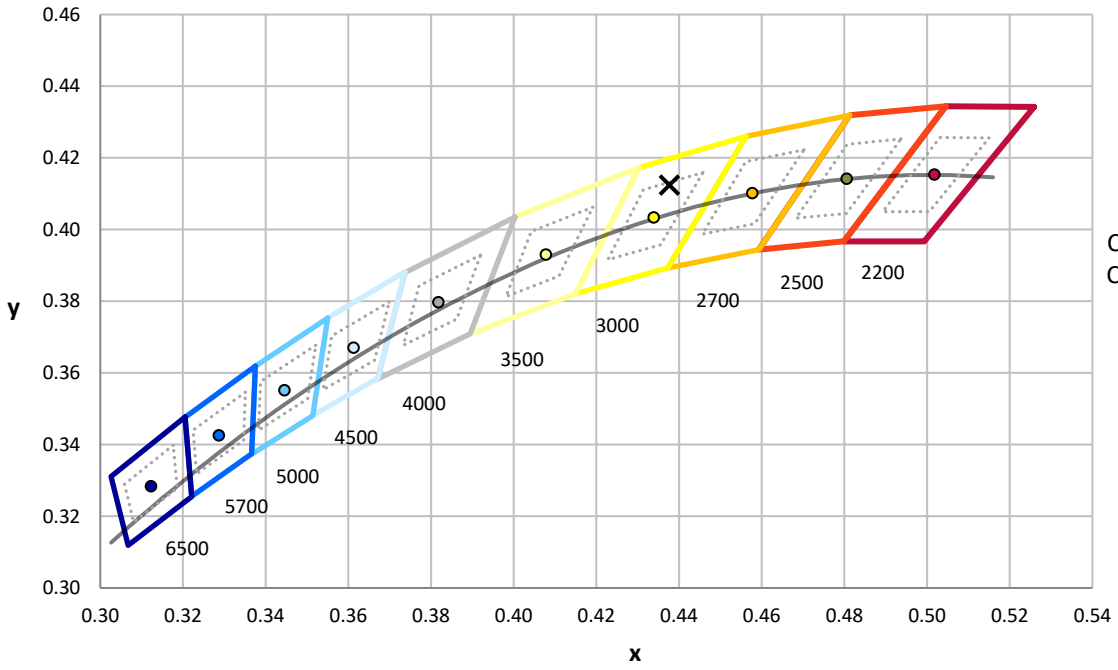
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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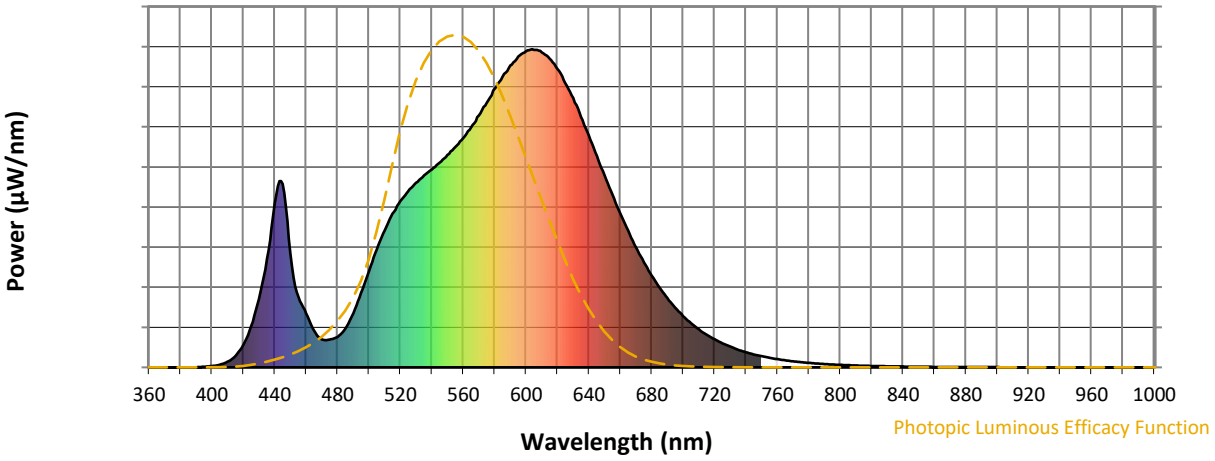
Photopic Flux vs. Wavelength



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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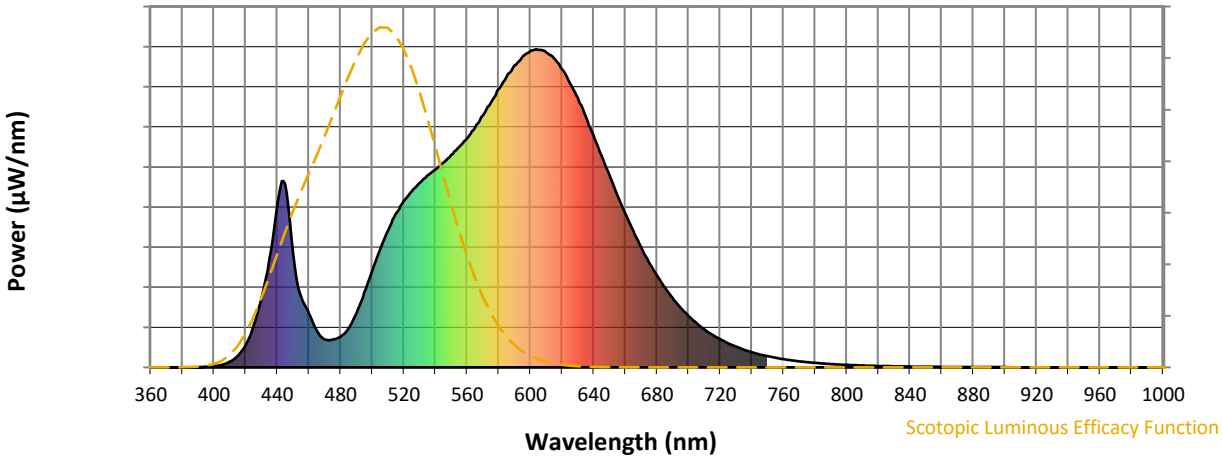
Scotopic Flux vs. Wavelength



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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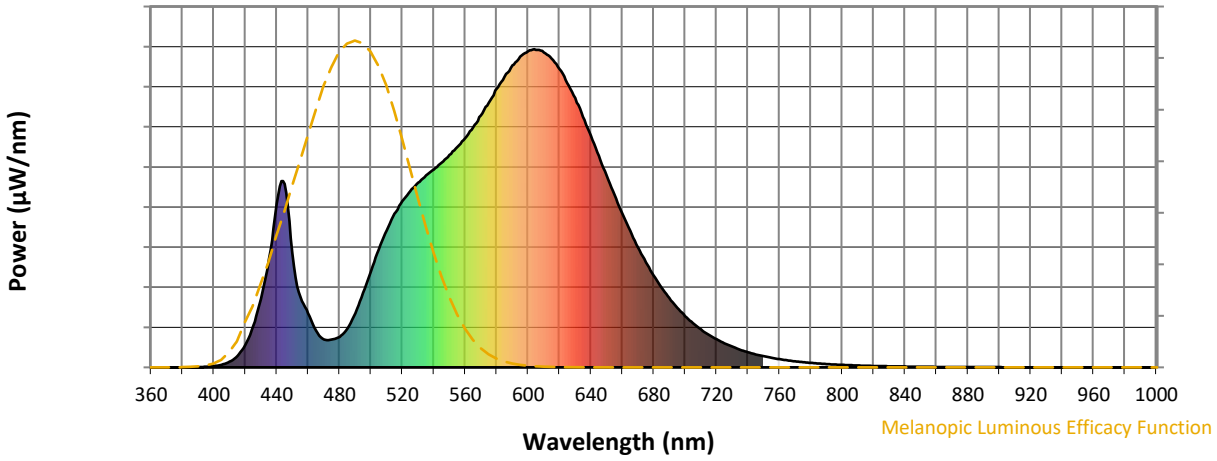
Melanopic Flux vs. Wavelength



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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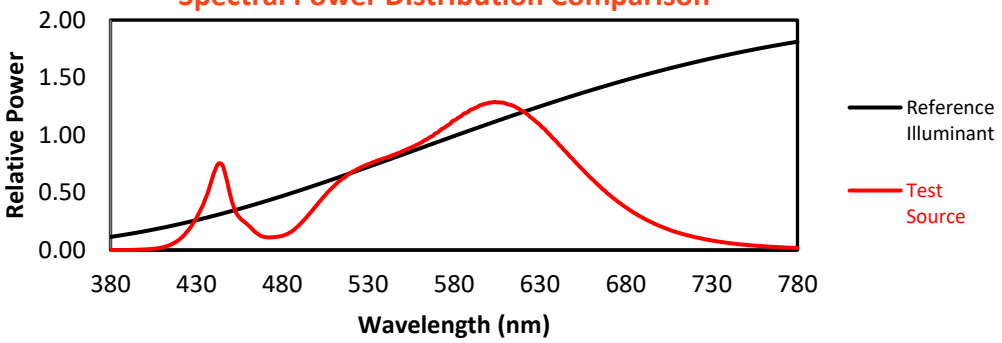
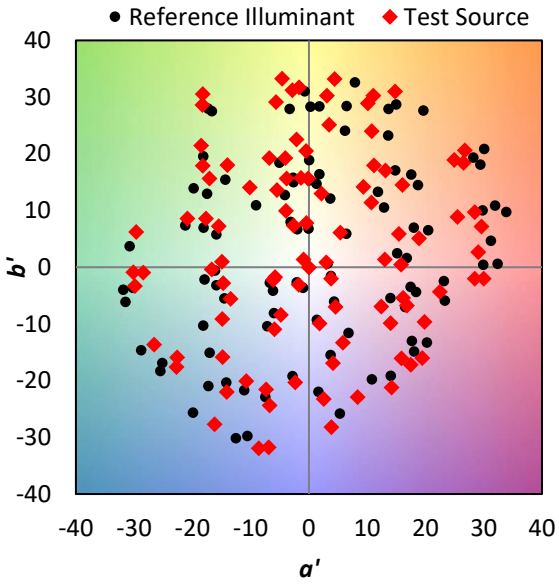
Summary

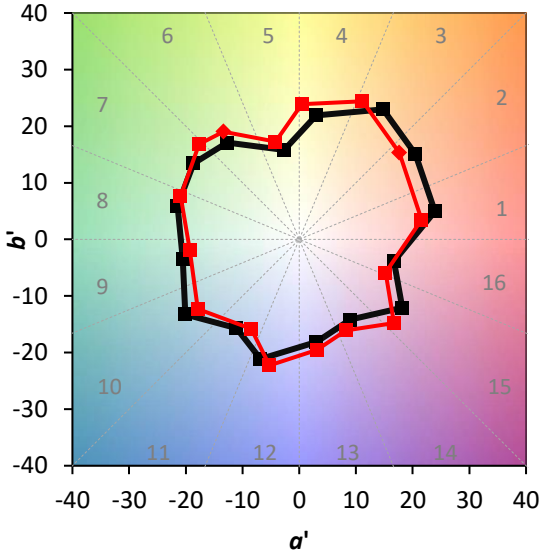
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

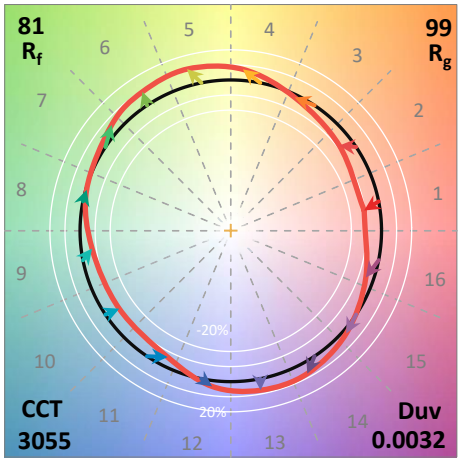
Spectral Power Distribution Comparison

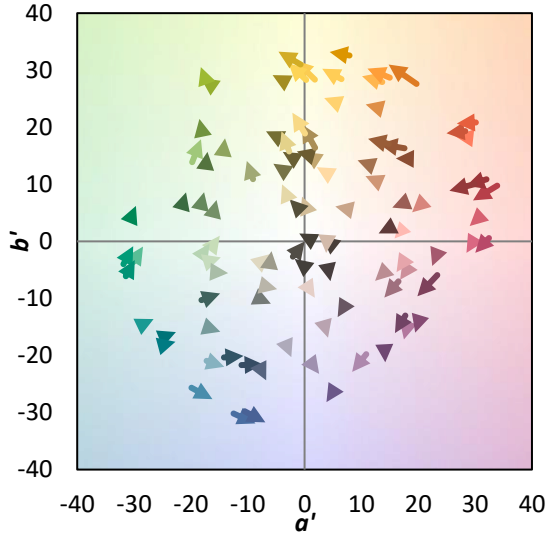


Color Vector Graphics









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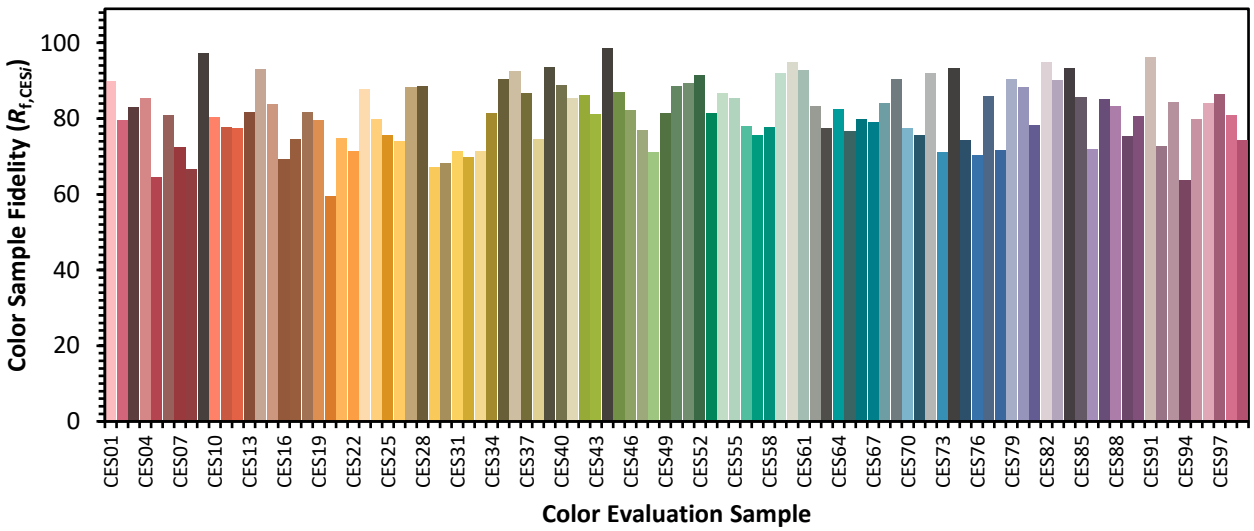
Individual Sample Fidelity Index ($R_{f,i}$)

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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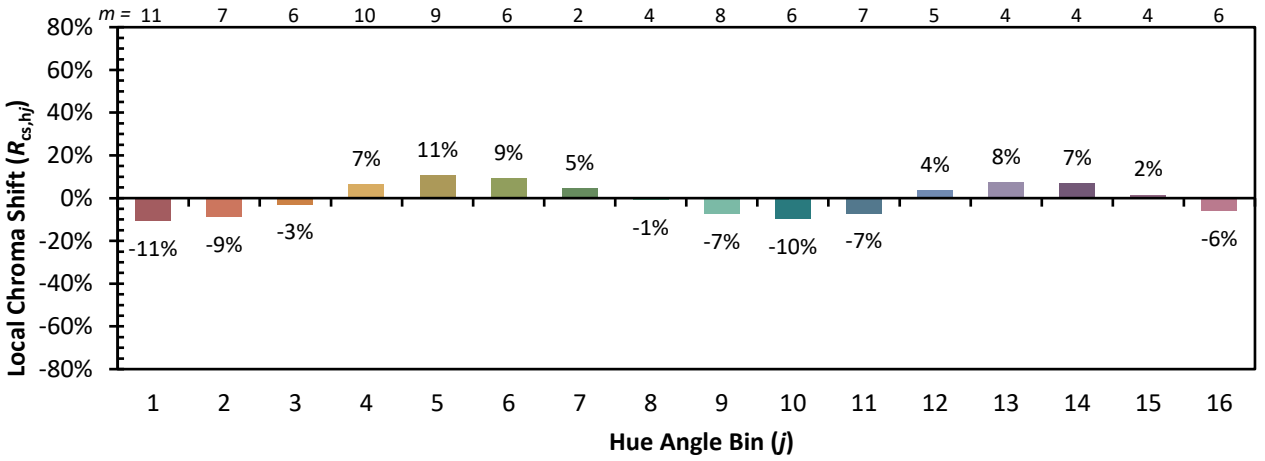
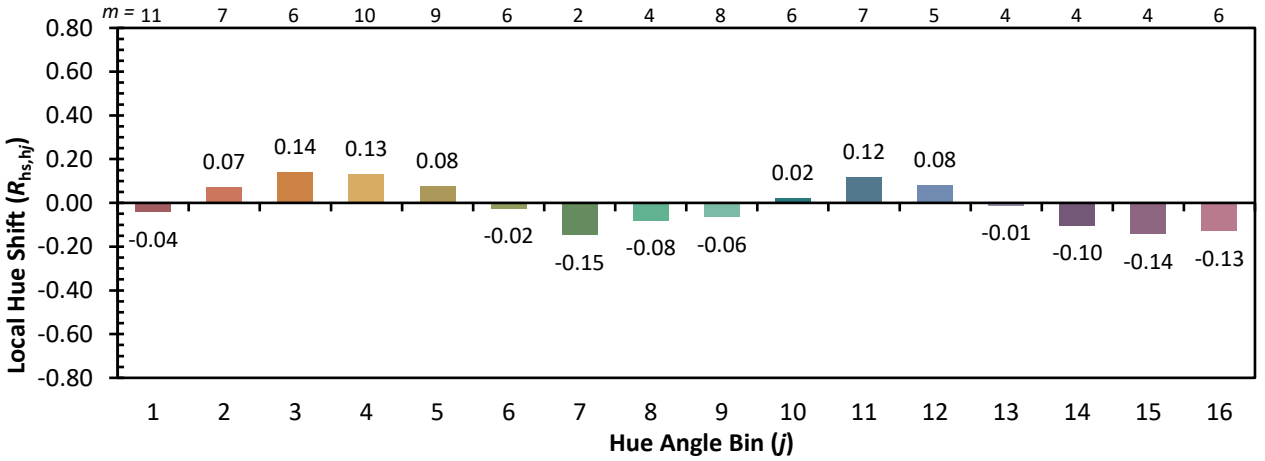
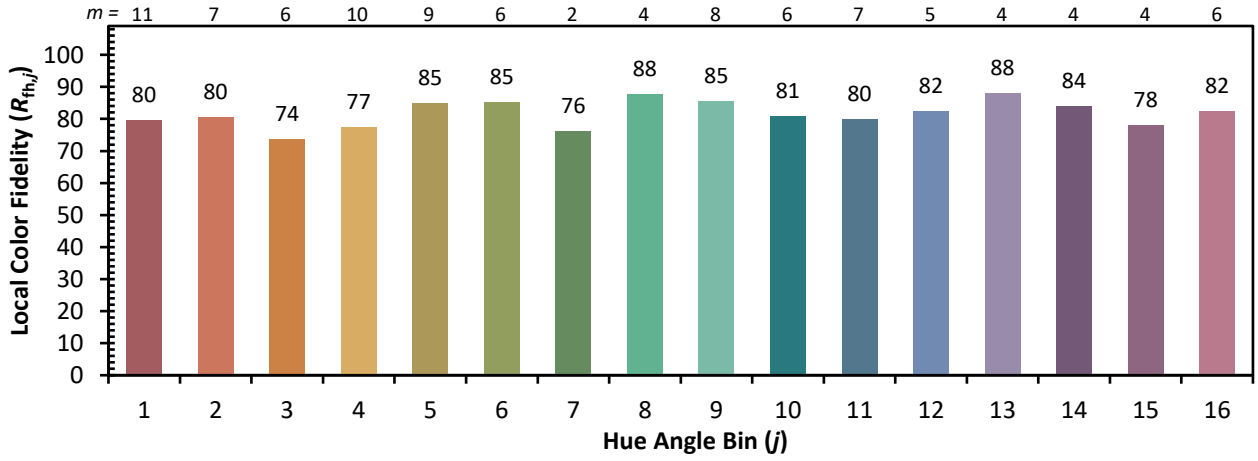
Color Rendition by Hue-Angle Bin







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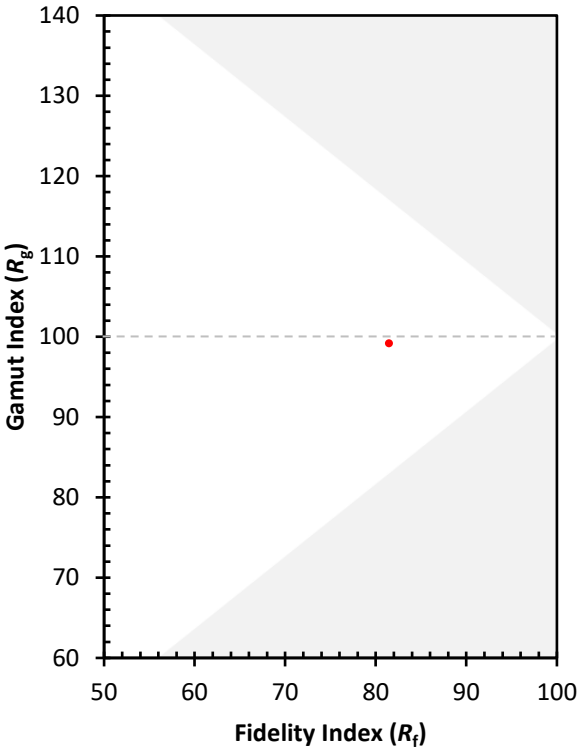
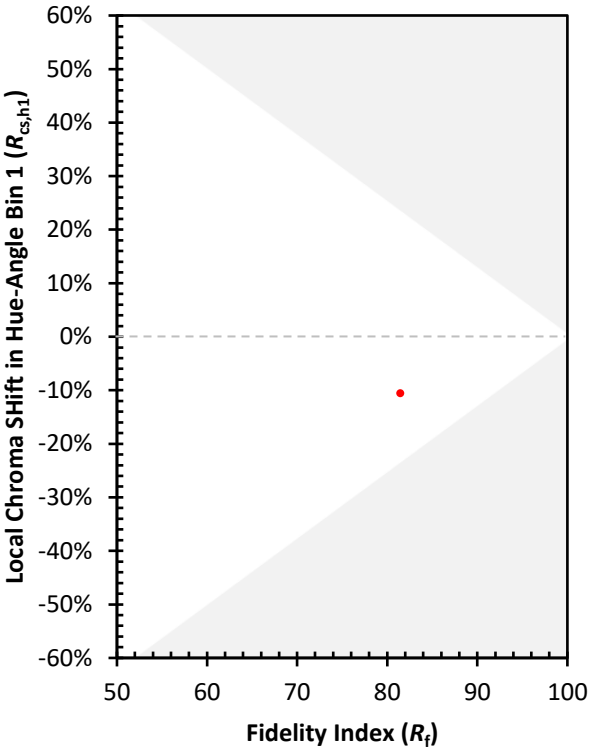
Measure Comparisons





(END OF REPORT)