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: P1458926

Luminaire Tested: GLAN-SB1D-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:	P1458926
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1D-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 1xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6629.8 lumens
Efficiency:	N/A
Efficacy:	83.3 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	79.6
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: P1458926
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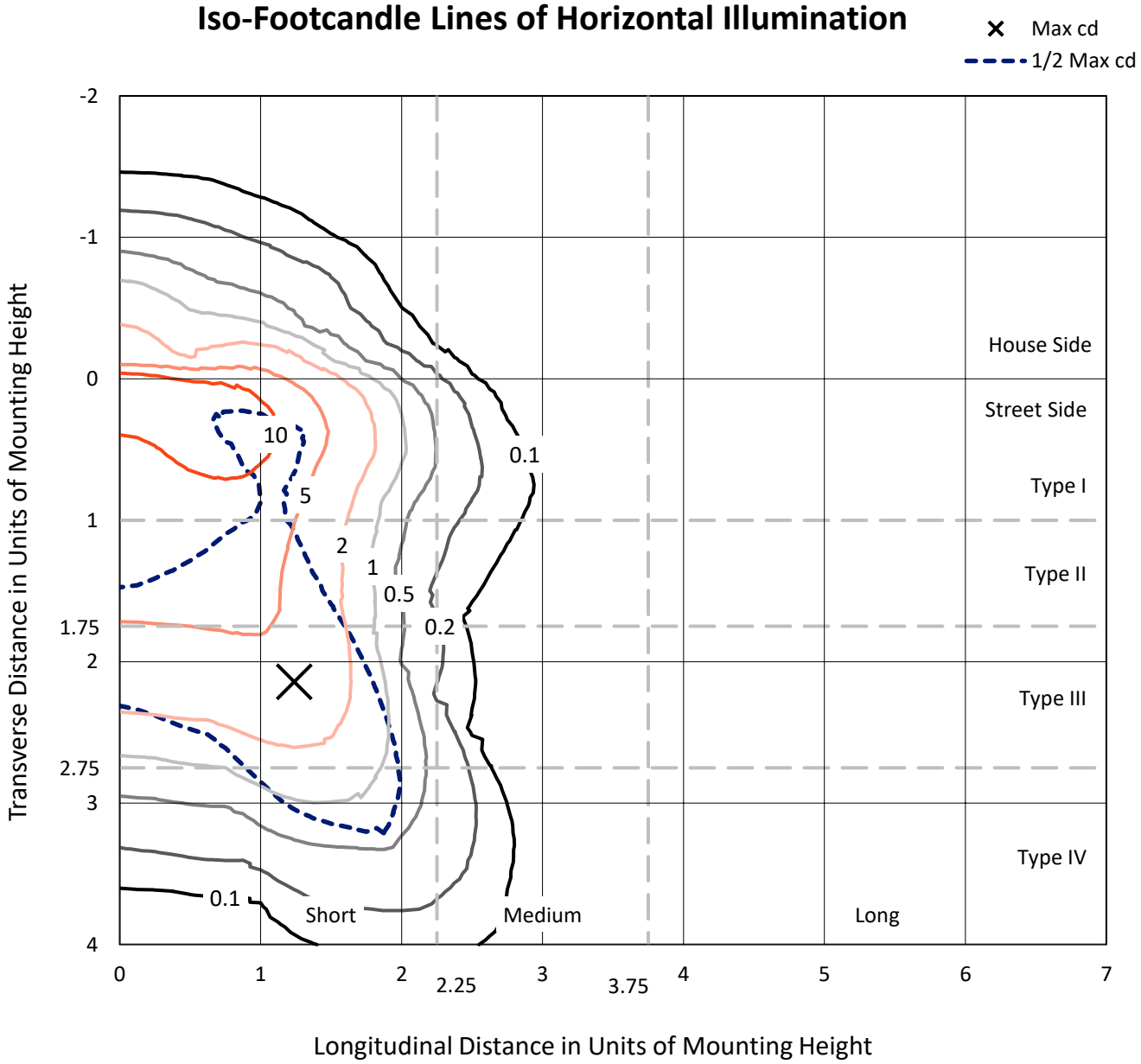
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 20 fc
Type IV - Short - N/A

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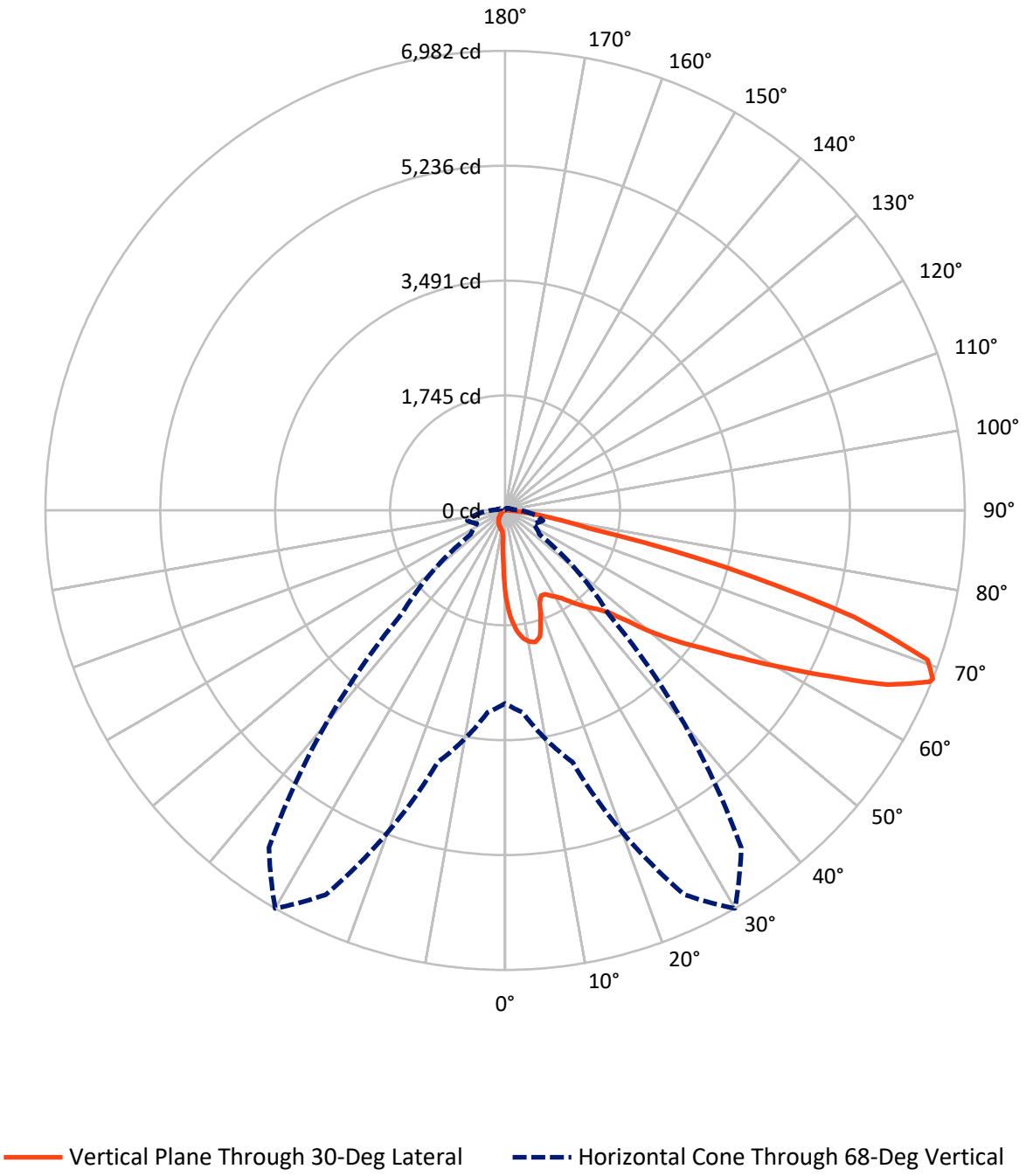
Luminous Intensity Polar Plot



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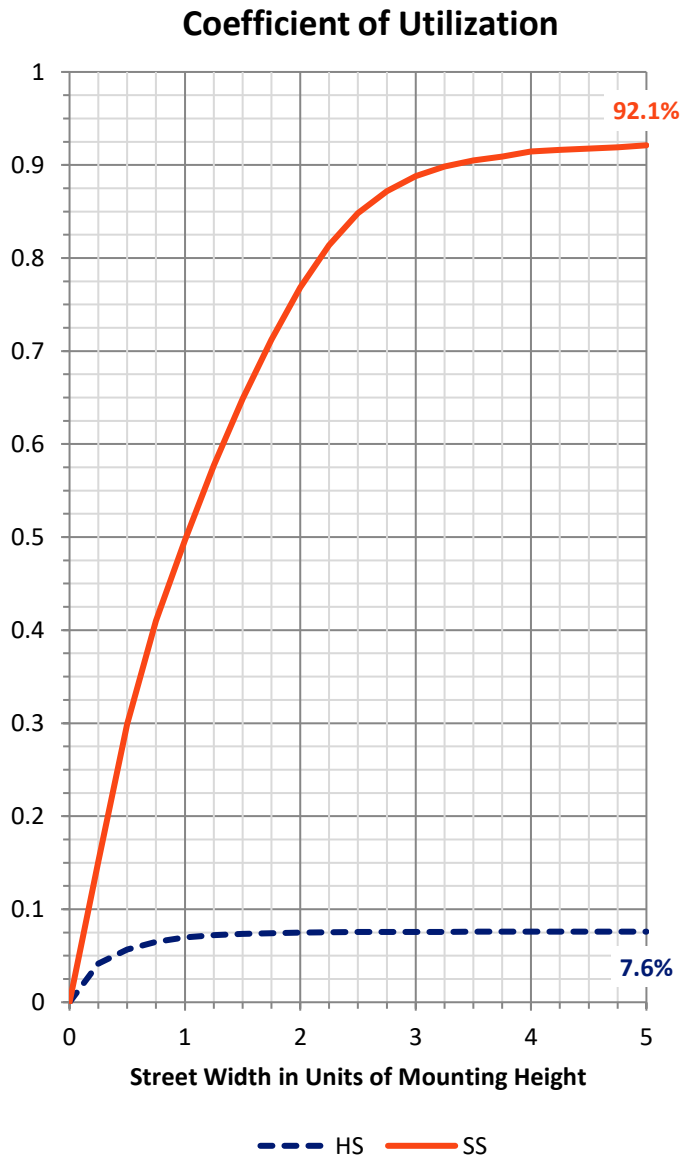
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	506.0	0.0	506.0
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	6123.8	0.0	6123.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	6629.8	0.0	6629.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.8	1.7
10°-20°	322.1	4.9
20°-30°	506.1	7.6
30°-40°	793.8	12.0
40°-50°	1186.5	17.9
50°-60°	1578.4	23.8
60°-70°	1525.8	23.0
70°-80°	548.5	8.3
80°-90°	56.0	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°	6629.8	100.0
0°-180°	6629.8	100.0



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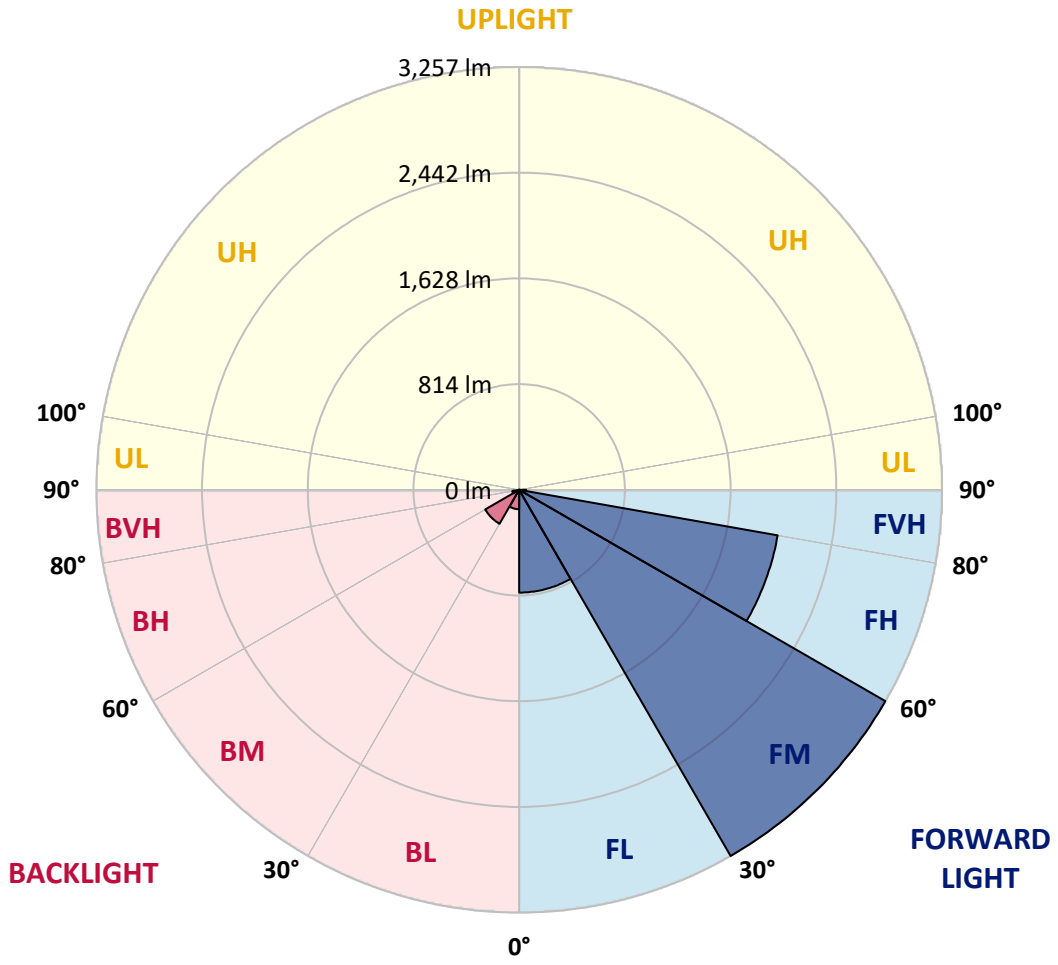
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	791.6	11.9			
FM	(30°-60°)	3256.6	49.1			
FH	(60°-80°)	2021.6	30.5			G2/5000
FVH	(80°-90°)	54.0	0.8			G1/100
BL	(0°-30°)	149.4	2.3	B1/500		
BM	(30°-60°)	302.0	4.6	B1/1000		
BH	(60°-80°)	52.6	0.8	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-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1307.3	1307.3	1307.3	1307.3	*1307.3*	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3
2.5°	1670.9	1670.9	1659.0	1643.1	*1625.2*	1619.3	1585.5	1537.8	1488.1	1430.5	1347.1
5°	1885.5	1883.5	1859.7	1859.7	*1835.8*	1814.0	1780.2	1710.6	1631.2	1527.9	1382.8
7.5°	1980.9	1984.8	1974.9	1974.9	*1961.0*	1945.1	1925.2	1857.7	1764.3	1625.2	1418.6
10°	2014.6	2016.6	2016.6	2030.5	*2026.6*	2024.6	2022.6	1984.8	1887.5	1724.6	1456.3
12.5°	1933.2	1943.1	1970.9	2032.5	*2052.4*	2074.2	2104.0	2092.1	2024.6	1849.7	1514.0
15°	1670.9	1672.9	1750.4	1903.4	*1984.8*	2068.3	2183.5	2207.4	2163.6	1984.8	1573.6
17.5°	1378.9	1384.8	1446.4	1617.3	*1748.4*	1941.1	2229.2	2326.6	2310.7	2117.9	1629.2
20°	1257.7	1265.6	1295.4	1402.7	*1502.0*	1680.8	2183.5	2439.8	2445.8	2251.1	1680.8
22.5°	1229.8	1235.8	1259.6	1343.1	*1404.7*	1523.9	2028.5	2529.2	2598.8	2404.0	1742.4
25°	1221.9	1227.9	1263.6	1355.0	*1412.6*	1512.0	1887.5	2576.9	2779.6	2563.0	1802.0
27.5°	1215.9	1223.9	1281.5	1398.7	*1466.3*	1561.6	1861.6	2586.8	2952.4	2731.9	1899.4
30°	1223.9	1235.8	1311.3	1444.4	*1521.9*	1629.2	1923.2	2596.8	3143.1	2924.6	2022.6
32.5°	1255.7	1265.6	1357.0	1506.0	*1595.4*	1716.6	2028.5	2656.4	3323.9	3121.3	2139.8
35°	1291.4	1305.3	1414.6	1593.4	*1700.7*	1837.8	2171.6	2773.6	3496.8	3308.0	2261.0
37.5°	1335.1	1351.0	1482.2	1692.8	*1815.9*	1970.9	2326.6	2936.5	3649.8	3461.0	2382.2
40°	1394.7	1412.6	1559.7	1798.1	*1931.2*	2086.2	2479.5	3097.4	3767.0	3552.4	2461.7
42.5°	1629.2	1653.0	1714.6	1901.4	*2050.4*	2209.3	2630.5	3250.4	3810.7	3582.2	2477.6
45°	2066.3	2090.1	2074.2	2110.0	*2209.3*	2358.4	2795.4	3397.5	3816.7	3574.3	2469.6
47.5°	2505.4	2533.2	2519.3	2499.4	*2521.3*	2592.8	2980.2	3490.8	3784.9	3570.3	2469.6
50°	2924.6	2908.7	2910.7	2904.7	*2924.6*	2962.3	3159.0	3508.7	3776.9	3608.1	2491.5
52.5°	3149.1	3157.1	3206.7	3280.2	*3323.9*	3361.7	3363.7	3536.5	3719.3	3544.5	2465.6
55°	3369.6	3385.5	3500.8	3625.9	*3723.3*	3794.8	3568.3	3518.7	3375.6	3331.9	2330.5
57.5°	3618.0	3639.8	3802.8	4061.1	*4231.9*	4269.7	3771.0	3184.9	2857.0	3027.9	2068.3
60°	3959.7	3985.6	4202.1	4589.5	*4843.9*	4766.4	3786.9	2654.4	2268.9	2513.3	1706.7
62.5°	4227.9	4279.6	4671.0	5275.0	*5555.1*	5308.8	3490.8	2034.5	1585.5	1766.3	1245.7
65°	3941.8	4041.2	4679.0	6059.8	*6383.6*	5946.5	3025.9	1388.8	894.1	1142.4	796.7
67.5°	3186.9	3325.9	4154.4	6441.3	*6951.9*	6282.3	2382.2	737.1	512.6	663.6	419.2
68°	*2932.5*	*3083.5*	*3961.7*	*6441.3*	*6981.7*	*6252.5*	*2211.3*	*637.8*	*472.9*	*596.0*	*363.6*
70°	2026.6	2133.8	3045.8	6079.7	*6806.8*	5700.2	1456.3	365.6	355.6	409.3	240.4
72.5°	993.4	1108.6	1629.2	4818.0	*5545.2*	4380.9	663.6	242.4	270.2	300.0	188.7
75°	395.4	419.2	641.7	2376.2	*3465.0*	2795.4	347.7	182.8	232.5	234.4	149.0
77.5°	226.5	240.4	355.6	874.2	*1299.4*	1249.7	224.5	131.1	184.8	168.9	97.4
80°	127.2	129.1	200.7	460.9	*743.1*	665.6	153.0	95.4	141.1	119.2	65.6
82.5°	63.6	71.5	127.2	254.3	*413.3*	423.2	81.5	67.6	113.2	85.4	53.6
85°	45.7	49.7	91.4	141.1	*190.7*	286.1	49.7	33.8	85.4	57.6	37.7
87.5°	23.8	29.8	57.6	69.5	*77.5*	97.4	23.8	15.9	47.7	33.8	19.9
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: P1458926
CATALOG NUMBER: GLAN-SB1D-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3	1307.3
2.5°	1307.3	1261.6	1168.2	1059.0	973.5	886.1	814.6	747.0	715.3	711.3	719.2
5°	1301.4	1202.0	989.4	780.8	610.0	490.7	425.2	391.4	373.5	365.6	367.6
7.5°	1289.4	1138.4	798.7	528.5	395.4	343.7	327.8	321.9	319.9	319.9	319.9
10°	1277.5	1053.0	611.9	387.4	323.9	309.9	306.0	306.0	304.0	304.0	306.0
12.5°	1271.6	973.5	474.8	323.9	302.0	296.0	292.1	290.1	290.1	290.1	292.1
15°	1257.7	886.1	383.5	300.0	288.1	280.1	278.2	276.2	276.2	276.2	276.2
17.5°	1245.7	800.7	333.8	284.1	274.2	266.2	264.2	262.3	262.3	264.2	264.2
20°	1227.9	719.2	300.0	268.2	260.3	252.3	250.3	248.4	250.3	250.3	250.3
22.5°	1206.0	651.7	280.1	256.3	246.4	238.4	238.4	238.4	238.4	238.4	240.4
25°	1192.1	604.0	266.2	242.4	232.5	226.5	224.5	224.5	228.5	228.5	230.5
27.5°	1213.9	592.1	268.2	238.4	220.5	214.6	212.6	212.6	216.6	218.5	220.5
30°	1279.5	613.9	292.1	250.3	212.6	202.7	200.7	200.7	206.6	208.6	210.6
32.5°	1355.0	659.6	327.8	266.2	206.6	190.7	186.8	186.8	192.7	194.7	196.7
35°	1458.3	731.1	375.5	280.1	210.6	178.8	170.9	170.9	174.8	178.8	180.8
37.5°	1591.4	848.4	431.1	290.1	210.6	164.9	155.0	153.0	157.0	157.0	158.9
40°	1730.5	1001.4	488.8	290.1	200.7	151.0	141.1	135.1	137.1	135.1	137.1
42.5°	1808.0	1124.5	538.4	272.2	188.7	137.1	127.2	119.2	117.2	113.2	115.2
45°	1851.7	1180.2	524.5	252.3	176.8	127.2	115.2	105.3	101.3	95.4	95.4
47.5°	1851.7	1186.1	449.0	236.4	164.9	119.2	103.3	93.4	87.4	81.5	83.4
50°	1829.9	1132.5	355.6	220.5	151.0	111.3	93.4	85.4	77.5	73.5	73.5
52.5°	1738.5	957.6	272.2	200.7	135.1	101.3	83.4	75.5	67.6	65.6	65.6
55°	1581.5	703.3	220.5	180.8	121.2	93.4	75.5	69.5	61.6	57.6	57.6
57.5°	1285.5	480.8	182.8	162.9	107.3	83.4	67.6	61.6	51.7	47.7	47.7
60°	953.7	313.9	155.0	143.1	91.4	75.5	59.6	51.7	43.7	39.7	37.7
62.5°	643.7	212.6	129.1	113.2	77.5	65.6	51.7	43.7	33.8	25.8	25.8
65°	401.3	164.9	107.3	89.4	67.6	57.6	43.7	33.8	23.8	17.9	15.9
67.5°	230.5	133.1	87.4	69.5	57.6	45.7	33.8	27.8	19.9	13.9	11.9
68°	*212.6*	*127.2*	*81.5*	*65.6*	*53.6*	*43.7*	*31.8*	*25.8*	*17.9*	*11.9*	*11.9*
70°	172.9	113.2	69.5	53.6	45.7	35.8	27.8	21.9	13.9	7.9	7.9
72.5°	153.0	95.4	59.6	41.7	31.8	29.8	21.9	15.9	9.9	6.0	4.0
75°	125.2	75.5	47.7	31.8	21.9	21.9	15.9	9.9	4.0	0.0	0.0
77.5°	81.5	55.6	37.7	19.9	11.9	13.9	9.9	4.0	0.0	0.0	0.0
80°	53.6	41.7	25.8	9.9	6.0	6.0	2.0	0.0	0.0	0.0	0.0
82.5°	37.7	27.8	15.9	4.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
85°	23.8	11.9	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.9	4.0	2.0	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

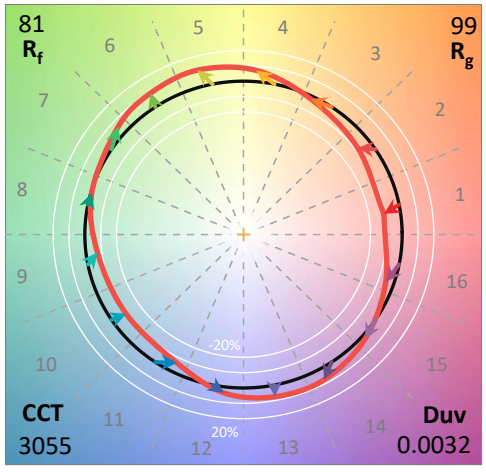
Test Information

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

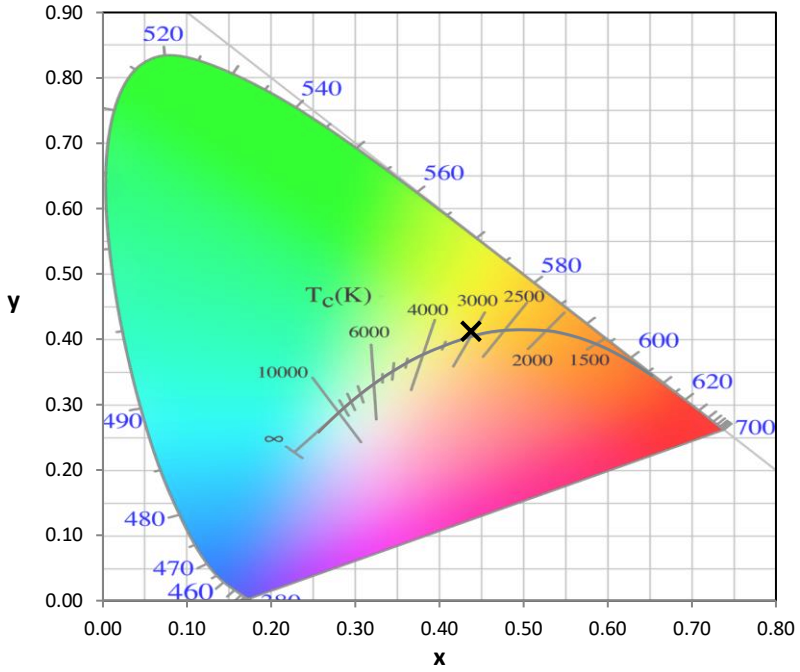
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

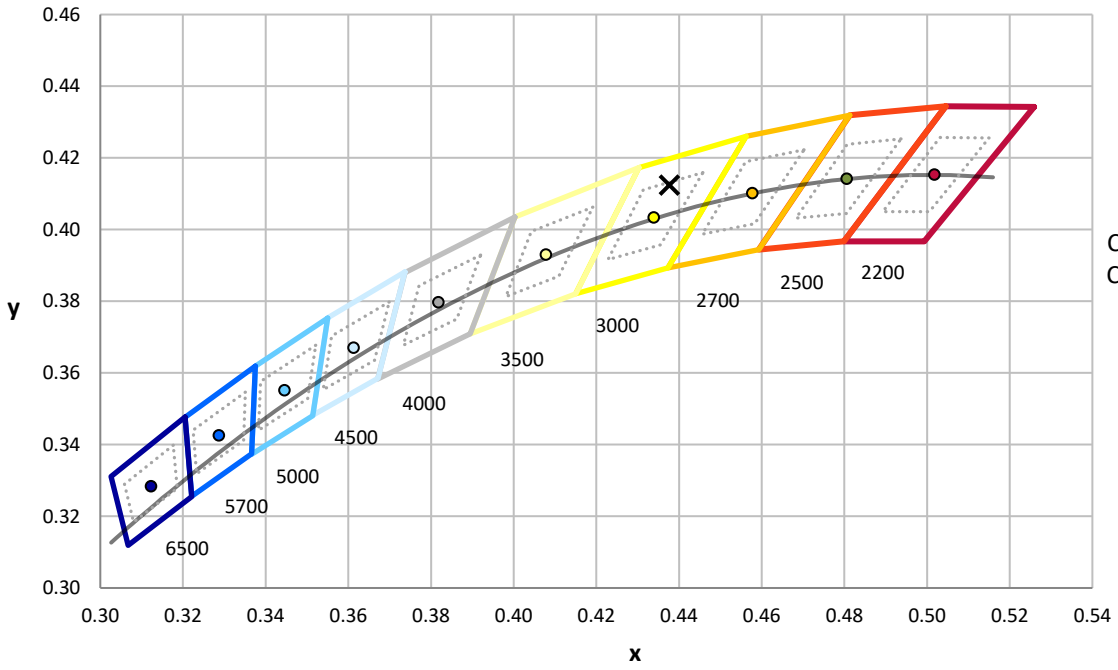
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

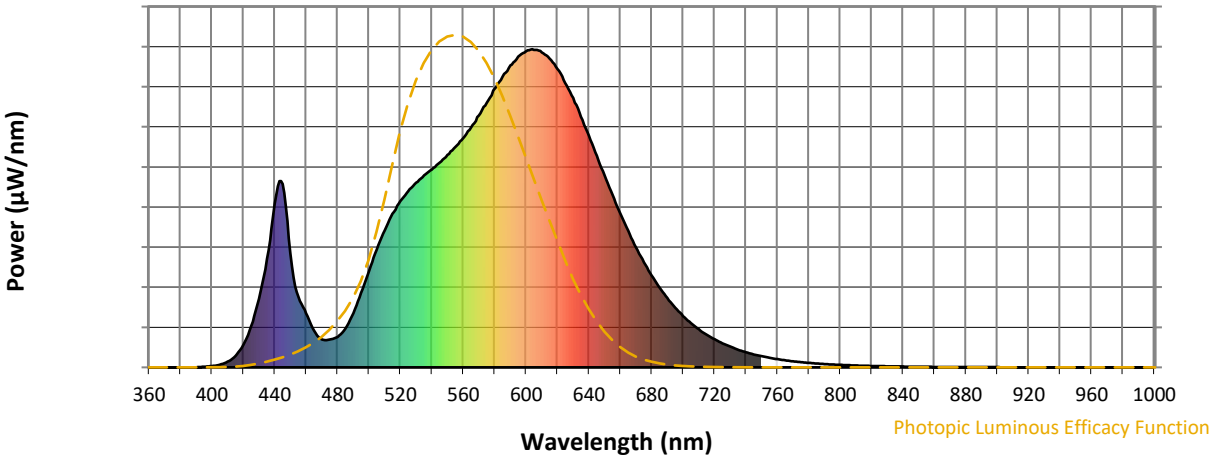


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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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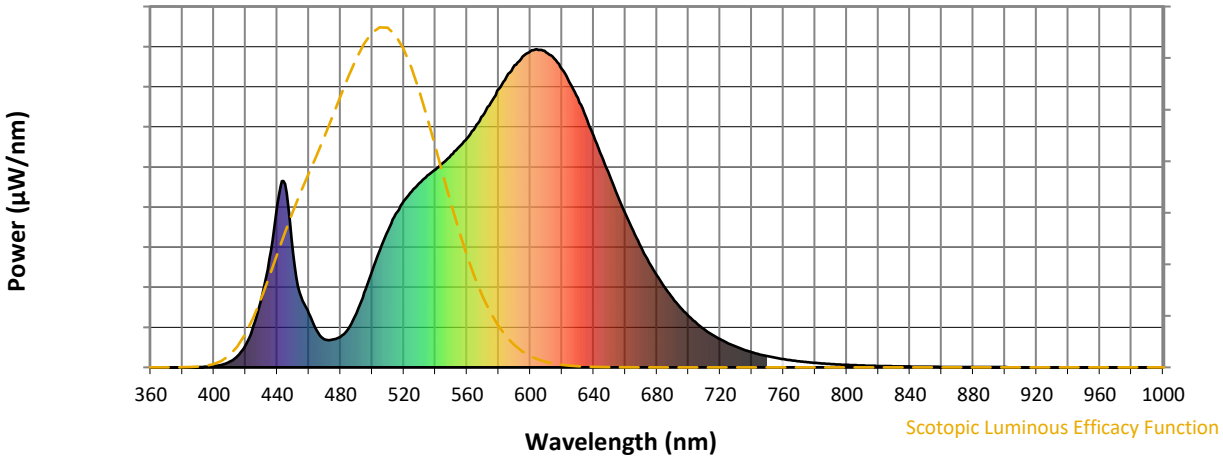
Scotopic Flux vs. Wavelength



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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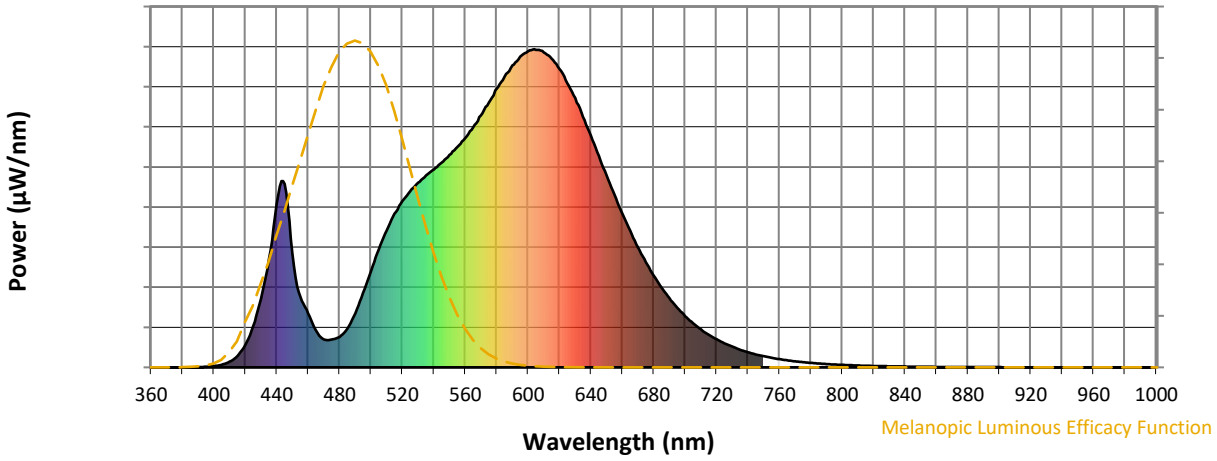
Melanopic Flux vs. Wavelength



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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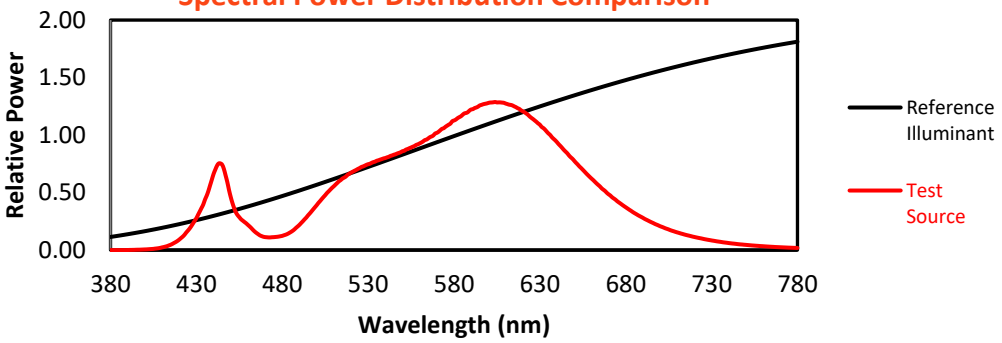
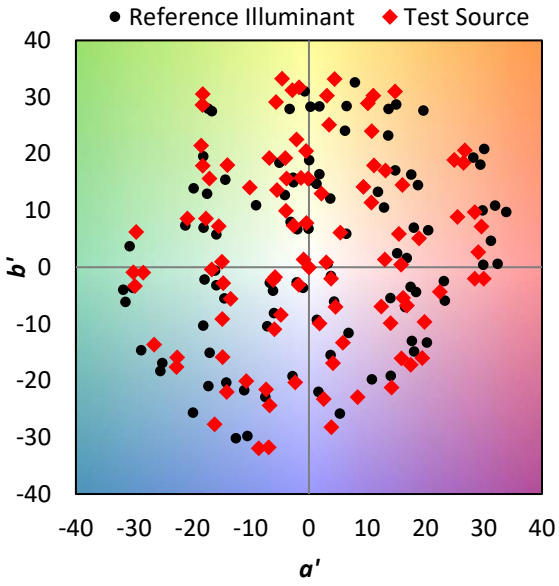
Summary

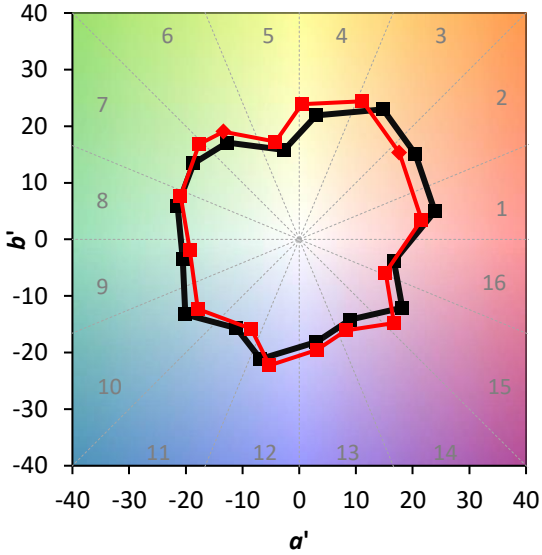
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

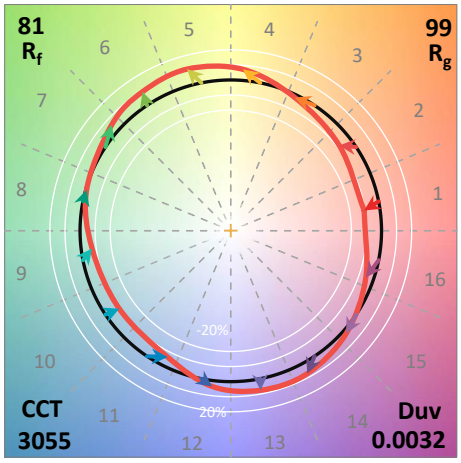
Spectral Power Distribution Comparison

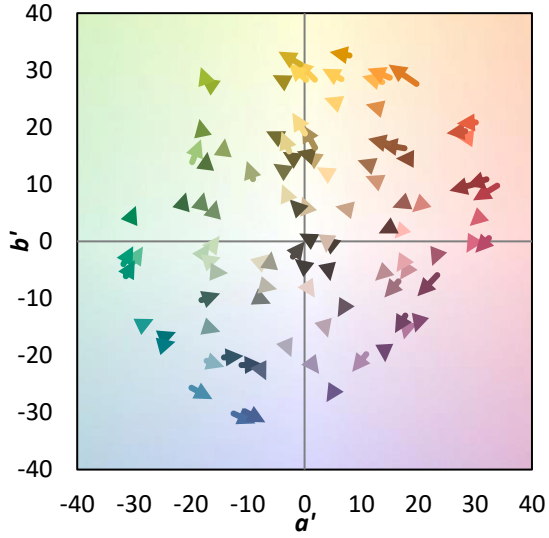


Color Vector Graphics









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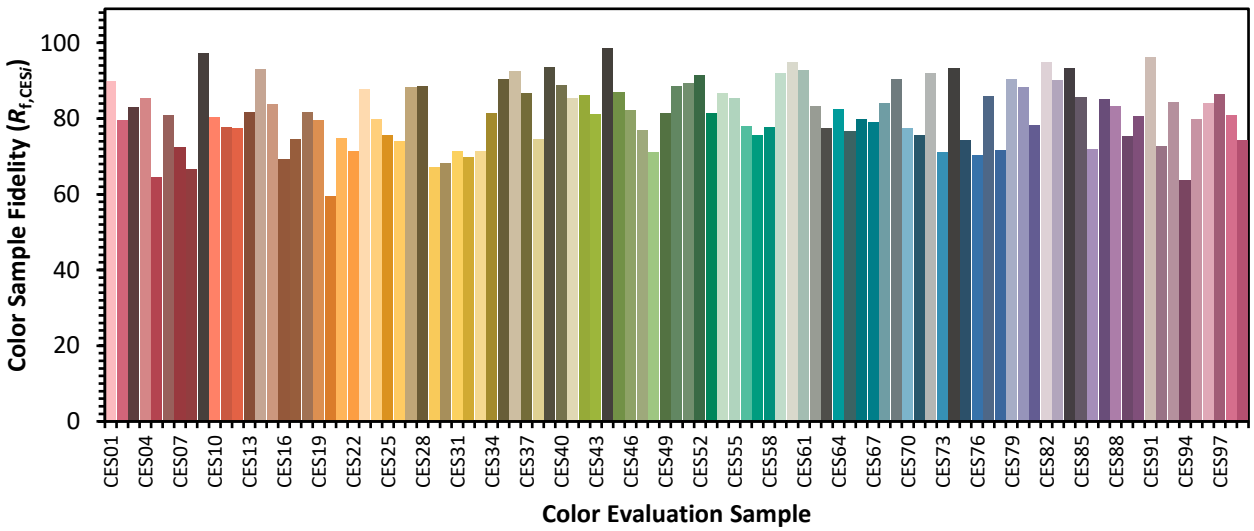
Individual Sample Fidelity Index ($R_{f,i}$)

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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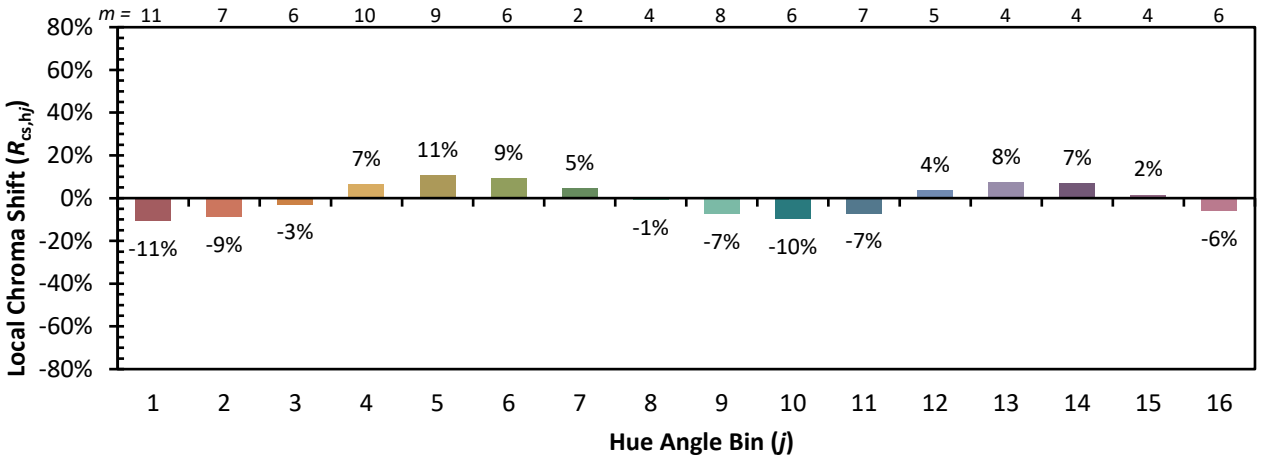
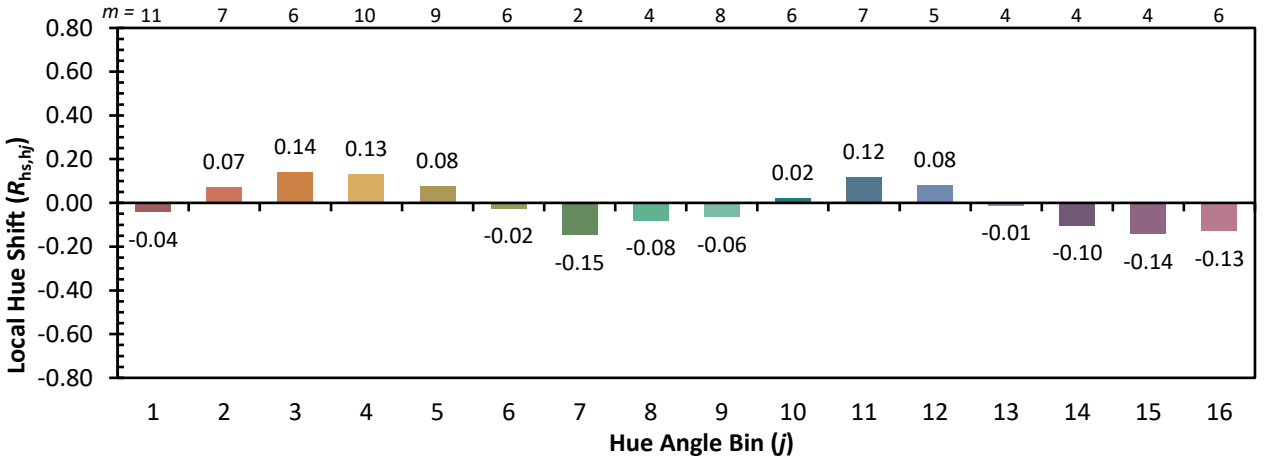
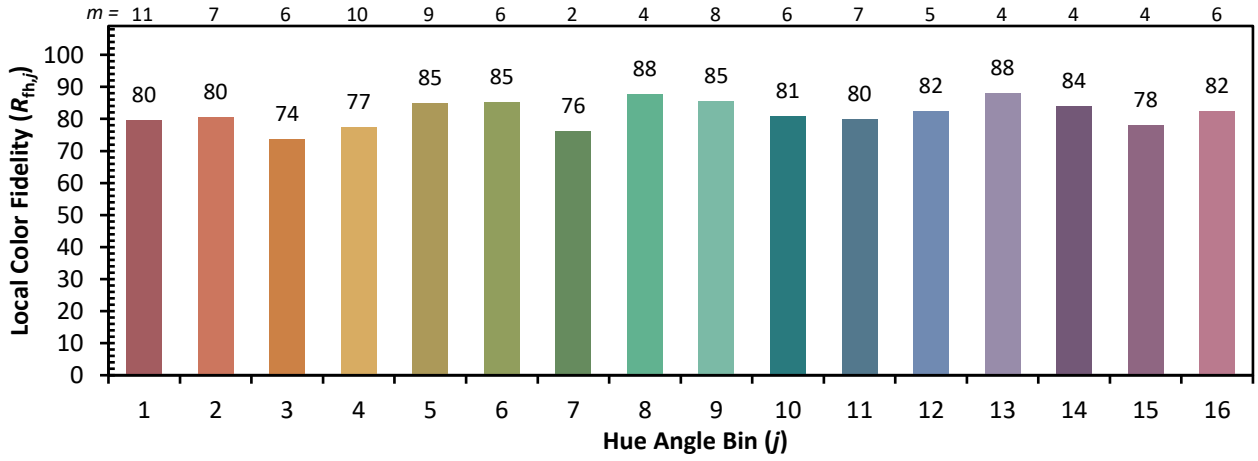
Color Rendition by Hue-Angle Bin







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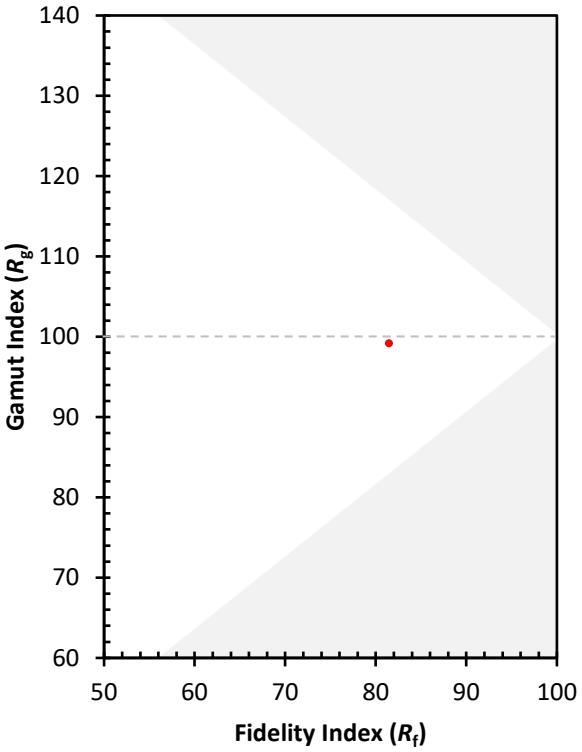
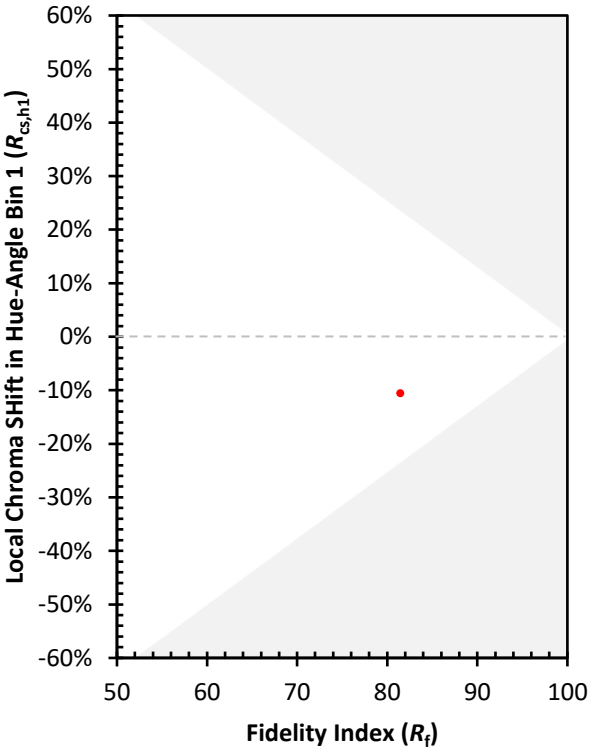
Measure Comparisons





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