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: P1459032

Luminaire Tested: GLAN-SB1B-850-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:	P1459032
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB1B-850-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 1xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(26) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	3906.5 lumens
Efficiency:	N/A
Efficacy:	98.2 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	39.8
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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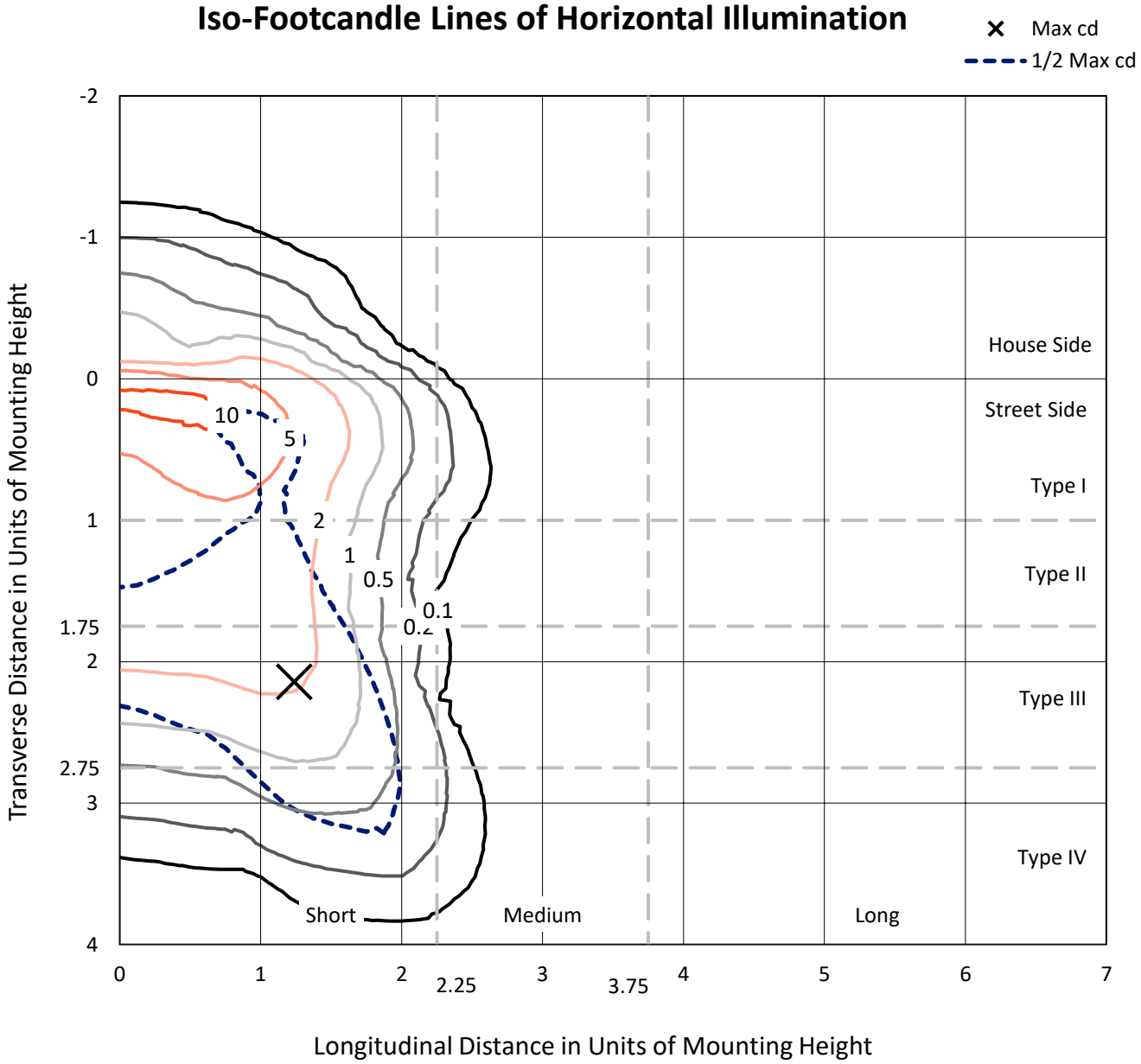
REPORT NUMBER: P1459032
CATALOG NUMBER: GLAN-SB1B-850-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
Type IV - Short - N/A

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REPORT NUMBER: P1459032
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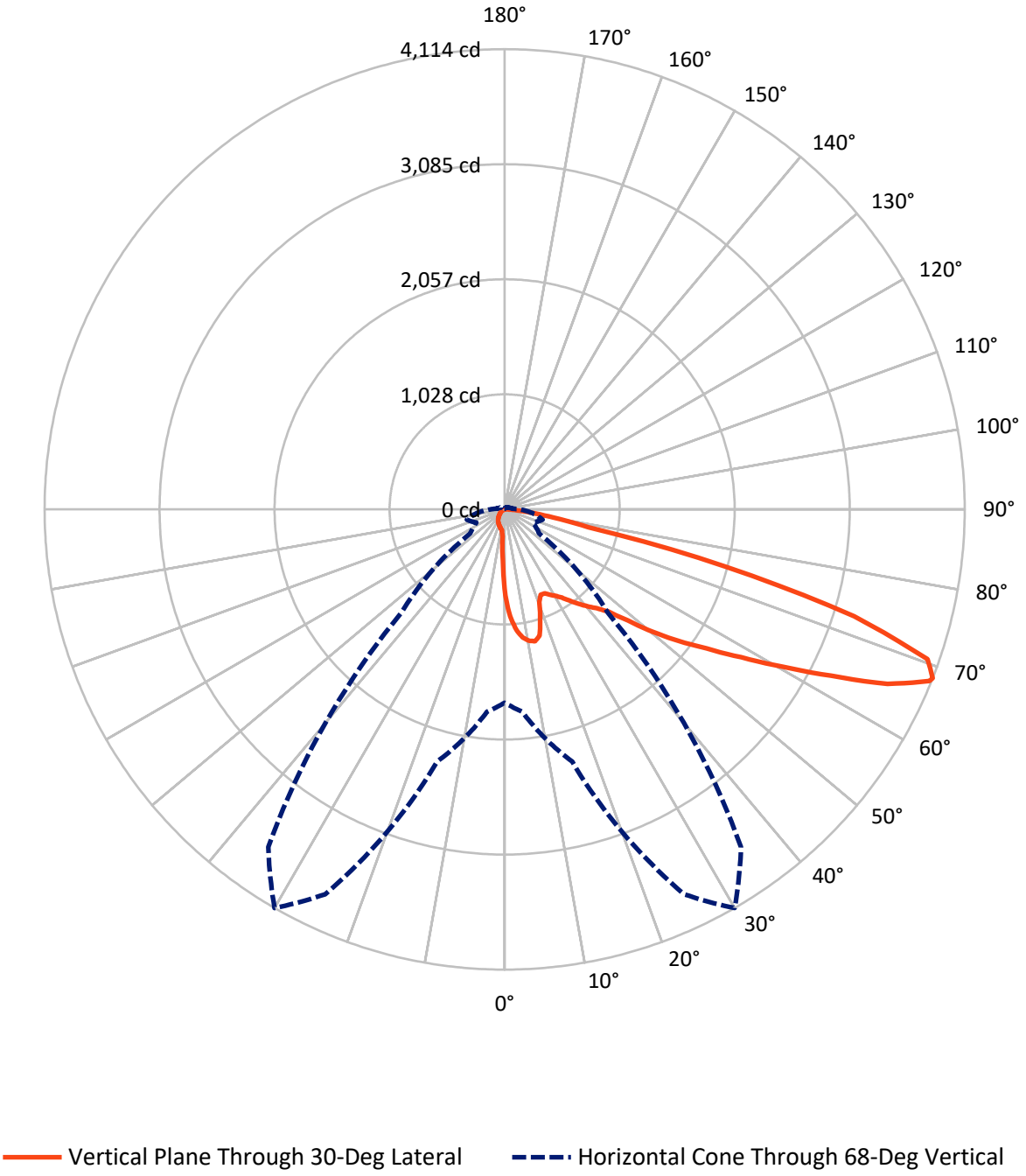
Luminous Intensity Polar Plot



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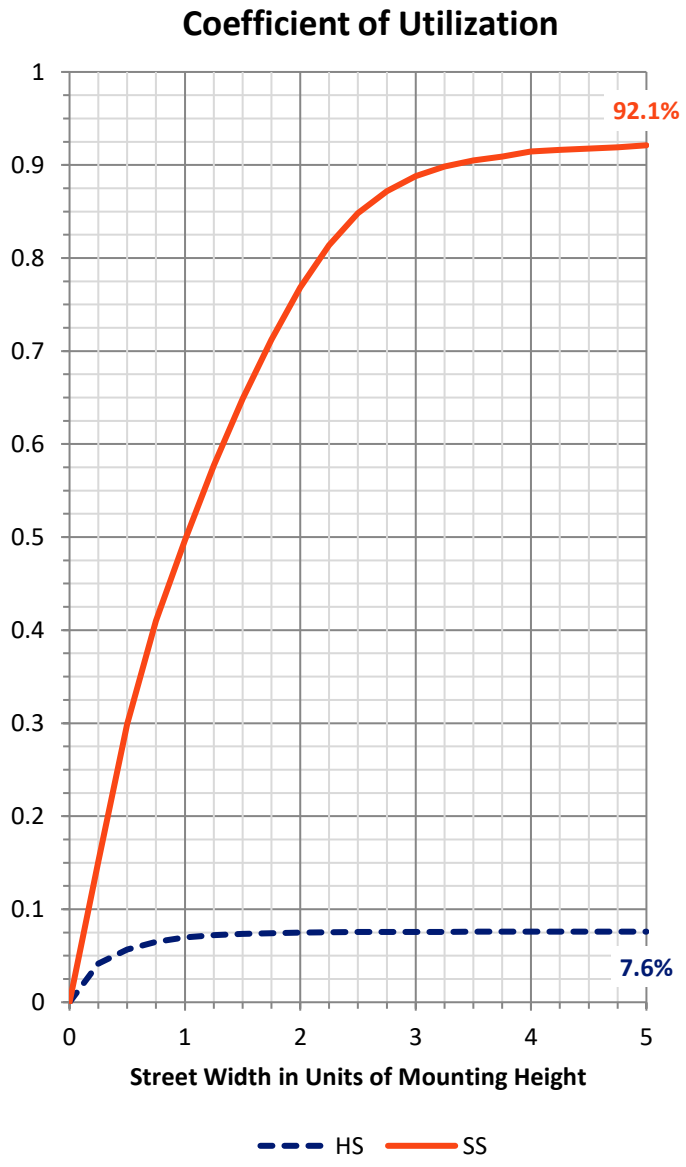
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	298.2	0.0	298.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	3608.3	0.0	3608.3
	% Fixture	92.4	0.0	92.4
Total	Lumens	3906.5	0.0	3906.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	66.5	1.7
10°-20°	189.8	4.9
20°-30°	298.2	7.6
30°-40°	467.7	12.0
40°-50°	699.1	17.9
50°-60°	930.0	23.8
60°-70°	899.1	23.0
70°-80°	323.2	8.3
80°-90°	33.0	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°	3906.5	100.0
0°-180°	3906.5	100.0



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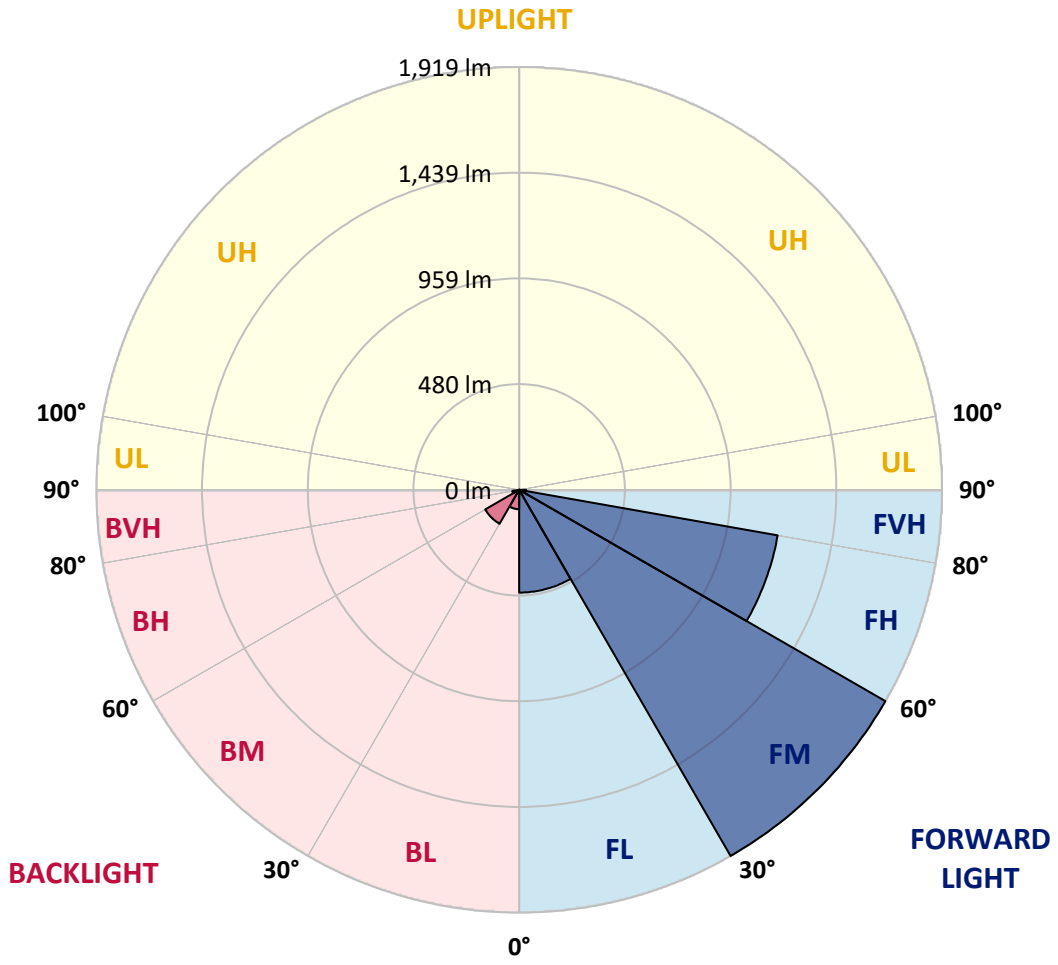
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	466.4	11.9			
FM	(30°-60°)	1918.9	49.1			
FH	(60°-80°)	1191.2	30.5			G1/1800
FVH	(80°-90°)	31.8	0.8			G1/100
BL	(0°-30°)	88.0	2.3	B0/110		
BM	(30°-60°)	178.0	4.6	B0/220		
BH	(60°-80°)	31.0	0.8	B0/110		G0/110
BVH	(80°-90°)	1.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1
Type IV Short



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REPORT NUMBER: P1459032
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	770.3	770.3	770.3	770.3	*770.3*	770.3	770.3	770.3	770.3	770.3	770.3
2.5°	984.6	984.6	977.5	968.2	*957.6*	954.1	934.2	906.1	876.9	842.9	793.7
5°	1111.0	1109.8	1095.8	1095.8	*1081.7*	1068.8	1048.9	1008.0	961.1	900.3	814.8
7.5°	1167.2	1169.5	1163.7	1163.7	*1155.5*	1146.1	1134.4	1094.6	1039.6	957.6	835.9
10°	1187.1	1188.3	1188.3	1196.5	*1194.1*	1192.9	1191.8	1169.5	1112.2	1016.2	858.1
12.5°	1139.1	1144.9	1161.3	1197.6	*1209.3*	1222.2	1239.8	1232.7	1192.9	1089.9	892.1
15°	984.6	985.7	1031.4	1121.5	*1169.5*	1218.7	1286.6	1300.6	1274.9	1169.5	927.2
17.5°	812.5	816.0	852.3	952.9	*1030.2*	1143.8	1313.5	1370.9	1361.5	1248.0	960.0
20°	741.1	745.7	763.3	826.5	*885.0*	990.4	1286.6	1437.6	1441.1	1326.4	990.4
22.5°	724.7	728.2	742.2	791.4	*827.7*	897.9	1195.3	1490.3	1531.3	1416.5	1026.7
25°	720.0	723.5	744.6	798.4	*832.4*	890.9	1112.2	1518.4	1637.8	1510.2	1061.8
27.5°	716.5	721.1	755.1	824.2	*864.0*	920.2	1096.9	1524.2	1739.7	1609.7	1119.2
30°	721.1	728.2	772.7	851.1	*896.8*	960.0	1133.2	1530.1	1852.0	1723.3	1191.8
32.5°	739.9	745.7	799.6	887.4	*940.1*	1011.5	1195.3	1565.2	1958.6	1839.2	1260.8
35°	761.0	769.1	833.5	938.9	*1002.1*	1082.9	1279.6	1634.3	2060.4	1949.2	1332.3
37.5°	786.7	796.1	873.3	997.4	*1070.0*	1161.3	1370.9	1730.3	2150.6	2039.4	1403.7
40°	821.8	832.4	919.0	1059.5	*1137.9*	1229.2	1461.0	1825.1	2219.6	2093.2	1450.5
42.5°	960.0	974.0	1010.3	1120.4	*1208.2*	1301.8	1550.0	1915.3	2245.4	2110.8	1459.9
45°	1217.5	1231.6	1222.2	1243.3	*1301.8*	1389.6	1647.2	2001.9	2248.9	2106.1	1455.2
47.5°	1476.2	1492.6	1484.4	1472.7	*1485.6*	1527.8	1756.0	2056.9	2230.2	2103.7	1455.2
50°	1723.3	1713.9	1715.1	1711.6	*1723.3*	1745.5	1861.4	2067.4	2225.5	2126.0	1468.1
52.5°	1855.6	1860.2	1889.5	1932.8	*1958.6*	1980.8	1982.0	2083.8	2191.5	2088.5	1452.8
55°	1985.5	1994.9	2062.8	2136.5	*2193.9*	2236.0	2102.6	2073.3	1989.0	1963.3	1373.2
57.5°	2131.8	2144.7	2240.7	2392.9	*2493.6*	2515.8	2222.0	1876.6	1683.5	1784.1	1218.7
60°	2333.2	2348.4	2476.0	2704.3	*2854.2*	2808.5	2231.3	1564.0	1336.9	1480.9	1005.6
62.5°	2491.2	2521.7	2752.3	3108.2	*3273.3*	3128.1	2056.9	1198.8	934.2	1040.7	734.0
65°	2322.7	2381.2	2757.0	3570.6	*3761.4*	3503.9	1783.0	818.3	526.8	673.2	469.4
67.5°	1877.8	1959.7	2447.9	3795.4	*4096.3*	3701.7	1403.7	434.3	302.0	391.0	247.0
68°	*1727.9*	*1816.9*	*2334.4*	*3795.4*	*4113.8*	*3684.2*	*1303.0*	*375.8*	*278.6*	*351.2*	*214.2*
70°	1194.1	1257.3	1794.7	3582.3	*4010.8*	3358.7	858.1	215.4	209.6	241.2	141.7
72.5°	585.3	653.2	960.0	2838.9	*3267.4*	2581.4	391.0	142.8	159.2	176.8	111.2
75°	233.0	247.0	378.1	1400.2	*2041.7*	1647.2	204.9	107.7	137.0	138.1	87.8
77.5°	133.5	141.7	209.6	515.1	*765.6*	736.4	132.3	77.3	108.9	99.5	57.4
80°	74.9	76.1	118.2	271.6	*437.8*	392.2	90.1	56.2	83.1	70.2	38.6
82.5°	37.5	42.1	74.9	149.8	*243.5*	249.4	48.0	39.8	66.7	50.3	31.6
85°	26.9	29.3	53.9	83.1	*112.4*	168.6	29.3	19.9	50.3	34.0	22.2
87.5°	14.0	17.6	34.0	41.0	*45.7*	57.4	14.0	9.4	28.1	19.9	11.7
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: P1459032
CATALOG NUMBER: GLAN-SB1B-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	770.3	770.3	770.3	770.3	770.3	770.3	770.3	770.3	770.3	770.3	770.3
2.5°	770.3	743.4	688.4	624.0	573.6	522.1	480.0	440.2	421.5	419.1	423.8
5°	766.8	708.3	583.0	460.1	359.4	289.2	250.5	230.6	220.1	215.4	216.6
7.5°	759.8	670.8	470.6	311.4	233.0	202.5	193.2	189.7	188.5	188.5	188.5
10°	752.8	620.5	360.6	228.3	190.8	182.6	180.3	180.3	179.1	179.1	180.3
12.5°	749.2	573.6	279.8	190.8	177.9	174.4	172.1	170.9	170.9	170.9	172.1
15°	741.1	522.1	225.9	176.8	169.8	165.1	163.9	162.7	162.7	162.7	162.7
17.5°	734.0	471.8	196.7	167.4	161.6	156.9	155.7	154.5	154.5	155.7	155.7
20°	723.5	423.8	176.8	158.0	153.4	148.7	147.5	146.3	147.5	147.5	147.5
22.5°	710.6	384.0	165.1	151.0	145.2	140.5	140.5	140.5	140.5	140.5	141.7
25°	702.4	355.9	156.9	142.8	137.0	133.5	132.3	132.3	134.6	134.6	135.8
27.5°	715.3	348.9	158.0	140.5	129.9	126.4	125.3	125.3	127.6	128.8	129.9
30°	753.9	361.7	172.1	147.5	125.3	119.4	118.2	118.2	121.8	122.9	124.1
32.5°	798.4	388.7	193.2	156.9	121.8	112.4	110.0	110.0	113.6	114.7	115.9
35°	859.3	430.8	221.3	165.1	124.1	105.4	100.7	100.7	103.0	105.4	106.5
37.5°	937.7	499.9	254.0	170.9	124.1	97.2	91.3	90.1	92.5	92.5	93.7
40°	1019.7	590.0	288.0	170.9	118.2	89.0	83.1	79.6	80.8	79.6	80.8
42.5°	1065.3	662.6	317.3	160.4	111.2	80.8	74.9	70.2	69.1	66.7	67.9
45°	1091.1	695.4	309.1	148.7	104.2	74.9	67.9	62.0	59.7	56.2	56.2
47.5°	1091.1	698.9	264.6	139.3	97.2	70.2	60.9	55.0	51.5	48.0	49.2
50°	1078.2	667.3	209.6	129.9	89.0	65.6	55.0	50.3	45.7	43.3	43.3
52.5°	1024.4	564.3	160.4	118.2	79.6	59.7	49.2	44.5	39.8	38.6	38.6
55°	931.9	414.4	129.9	106.5	71.4	55.0	44.5	41.0	36.3	34.0	34.0
57.5°	757.4	283.3	107.7	96.0	63.2	49.2	39.8	36.3	30.4	28.1	28.1
60°	561.9	185.0	91.3	84.3	53.9	44.5	35.1	30.4	25.8	23.4	22.2
62.5°	379.3	125.3	76.1	66.7	45.7	38.6	30.4	25.8	19.9	15.2	15.2
65°	236.5	97.2	63.2	52.7	39.8	34.0	25.8	19.9	14.0	10.5	9.4
67.5°	135.8	78.4	51.5	41.0	34.0	26.9	19.9	16.4	11.7	8.2	7.0
68°	*125.3*	*74.9*	*48.0*	*38.6*	*31.6*	*25.8*	*18.7*	*15.2*	*10.5*	*7.0*	*7.0*
70°	101.9	66.7	41.0	31.6	26.9	21.1	16.4	12.9	8.2	4.7	4.7
72.5°	90.1	56.2	35.1	24.6	18.7	17.6	12.9	9.4	5.9	3.5	2.3
75°	73.8	44.5	28.1	18.7	12.9	12.9	9.4	5.9	2.3	0.0	0.0
77.5°	48.0	32.8	22.2	11.7	7.0	8.2	5.9	2.3	0.0	0.0	0.0
80°	31.6	24.6	15.2	5.9	3.5	3.5	1.2	0.0	0.0	0.0	0.0
82.5°	22.2	16.4	9.4	2.3	1.2	1.2	0.0	0.0	0.0	0.0	0.0
85°	14.0	7.0	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	2.3	1.2	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

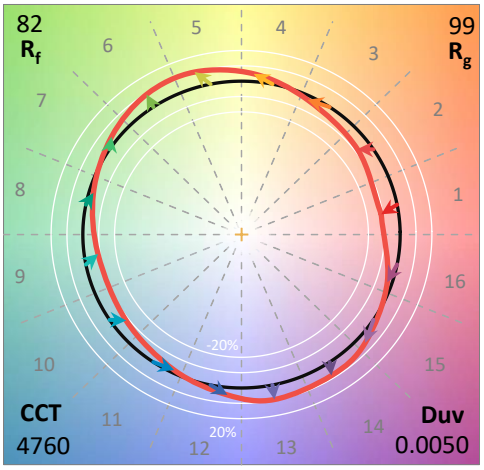
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

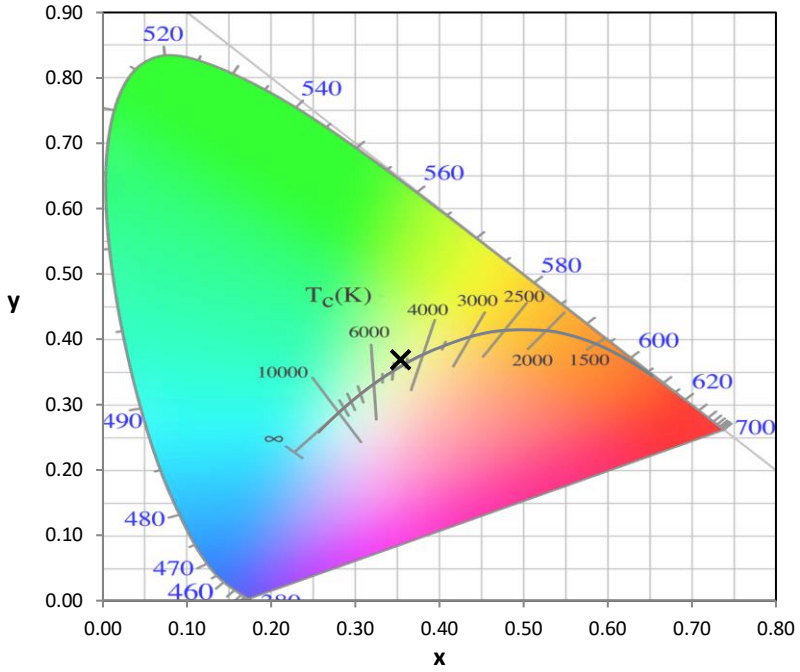
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

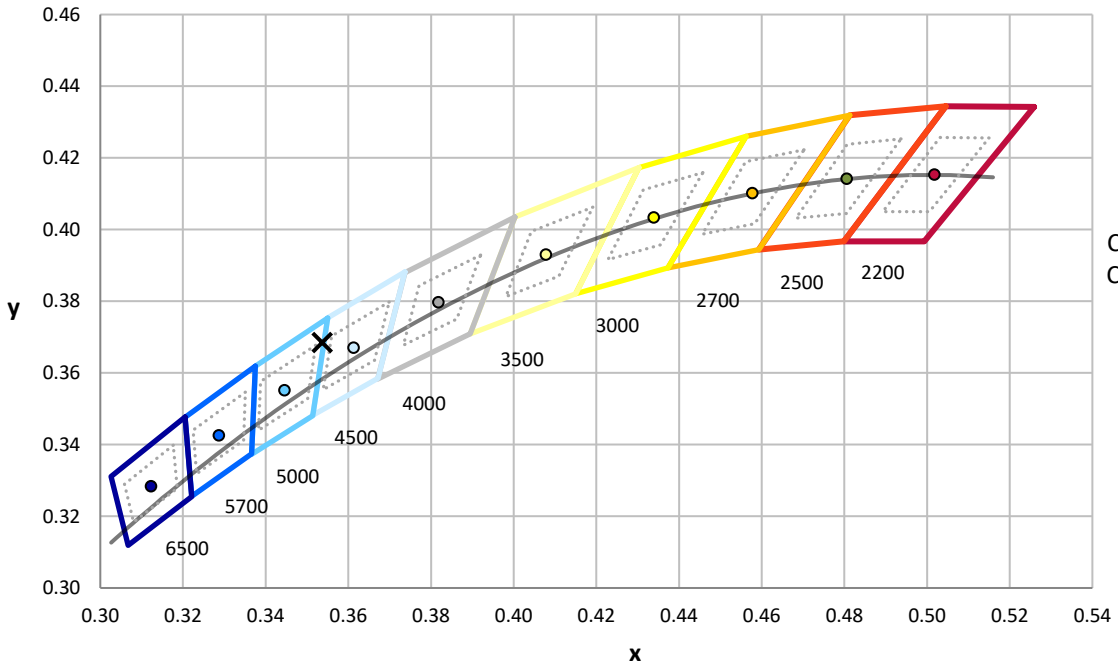
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

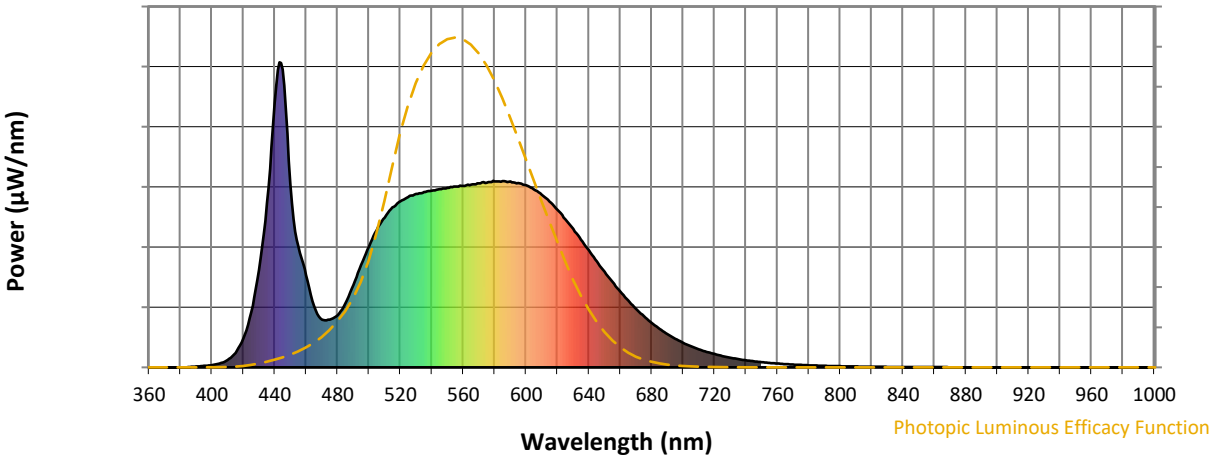


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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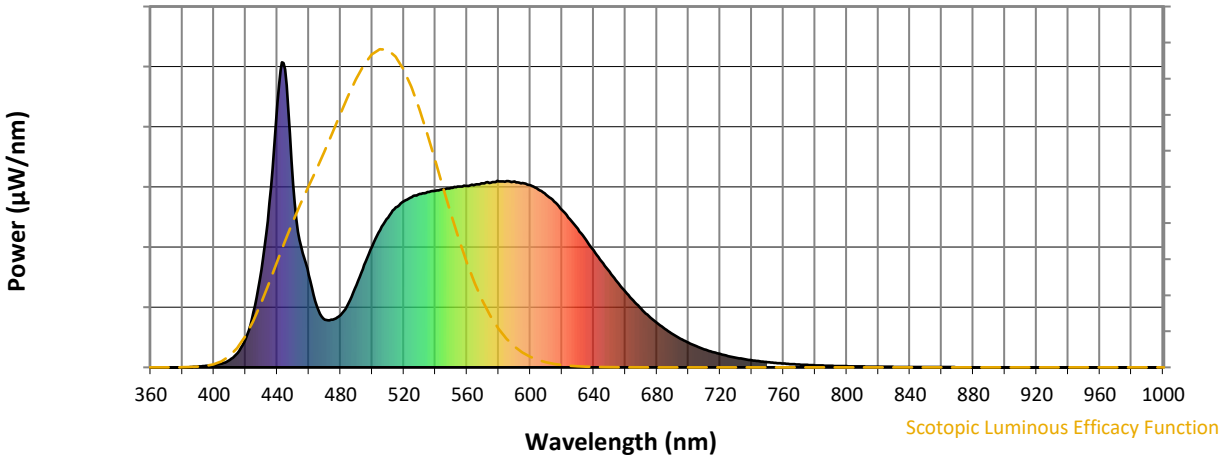
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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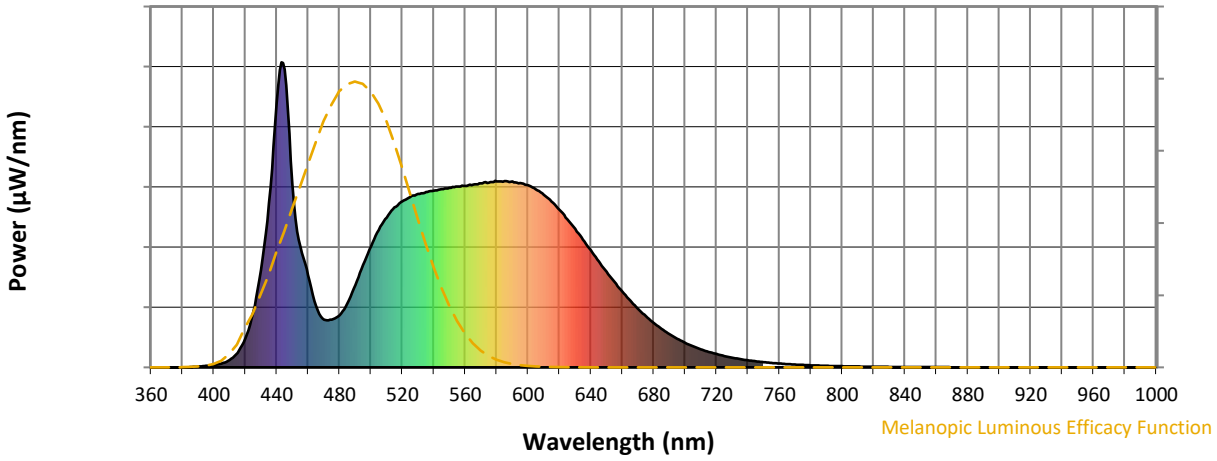
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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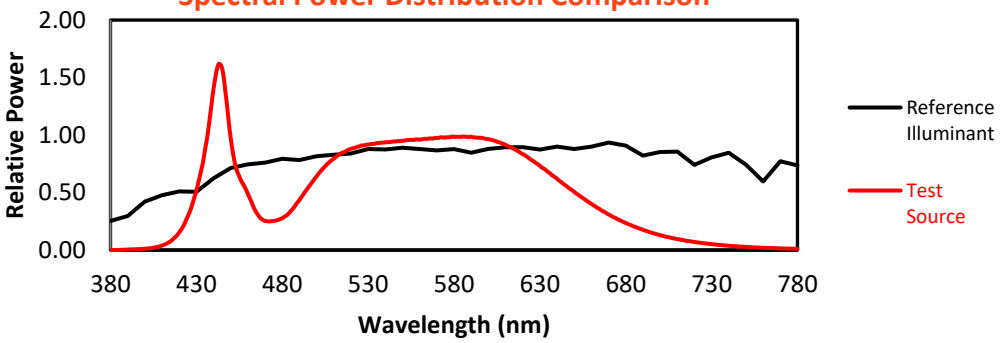
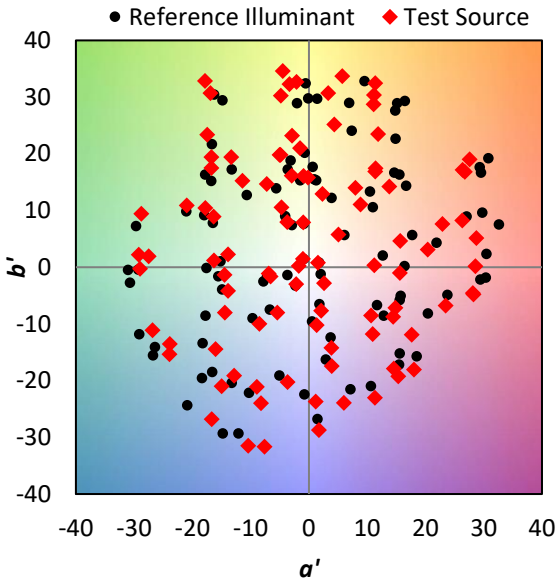
Summary

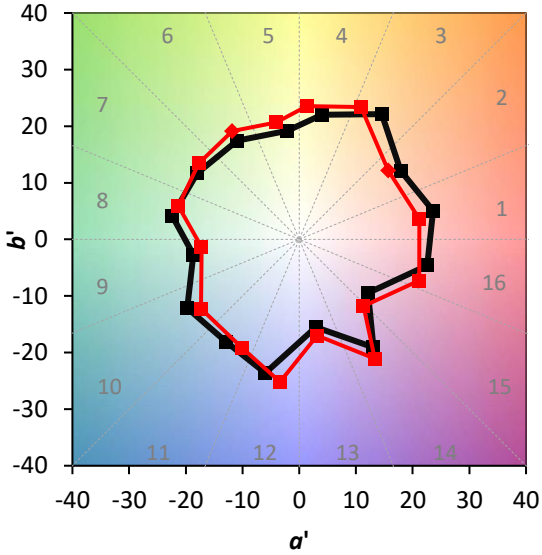
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

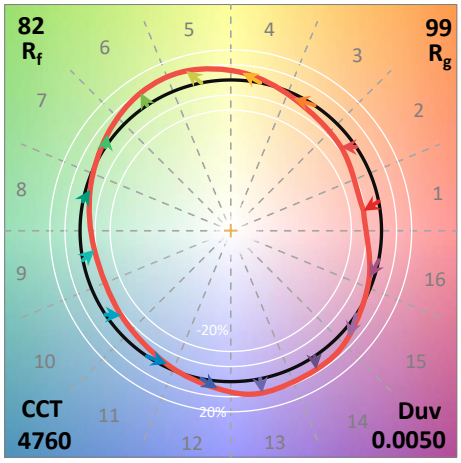
Spectral Power Distribution Comparison

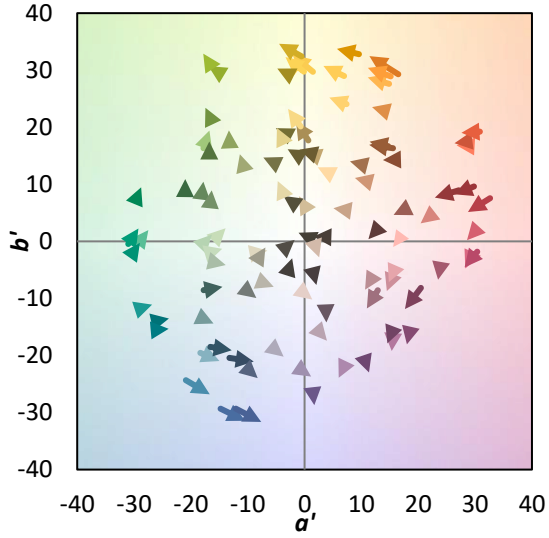


Color Vector Graphics









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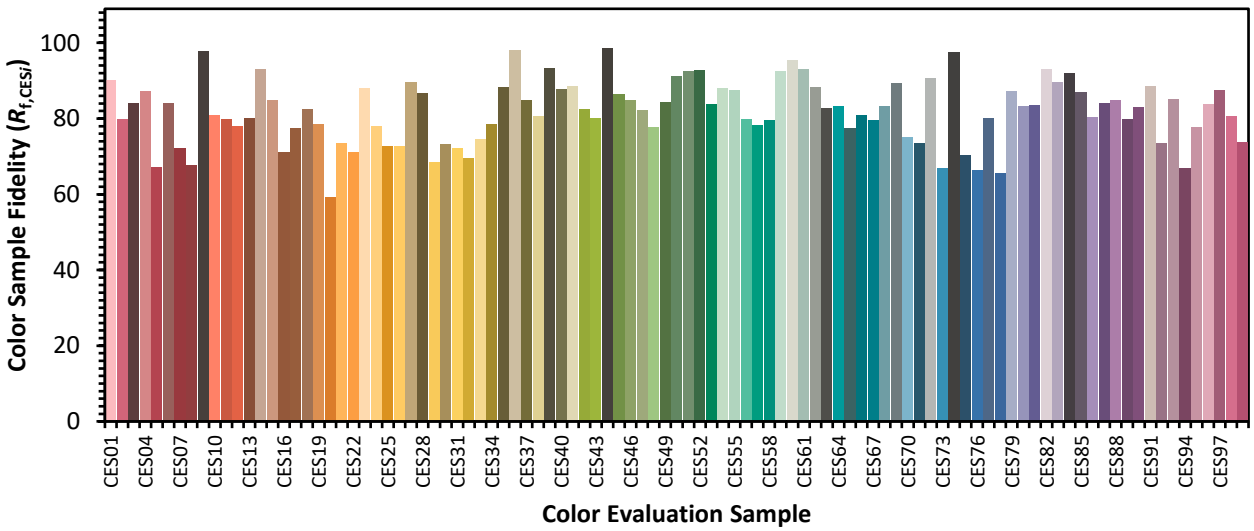
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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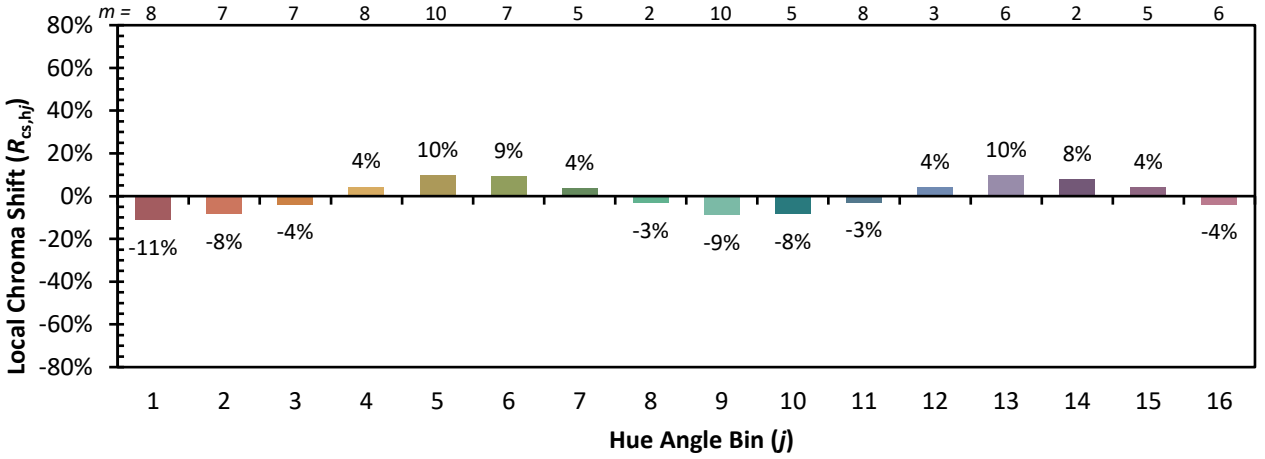
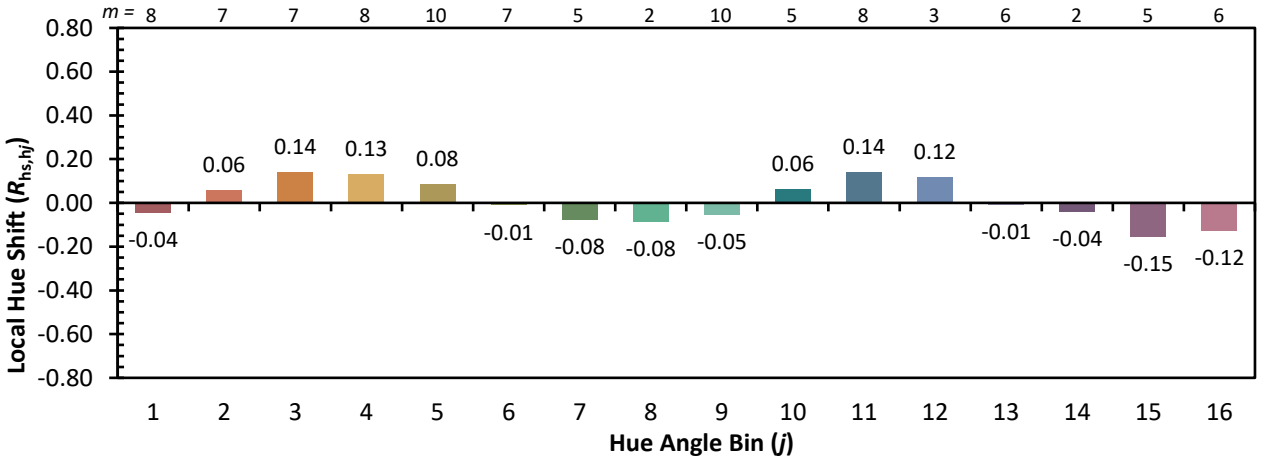
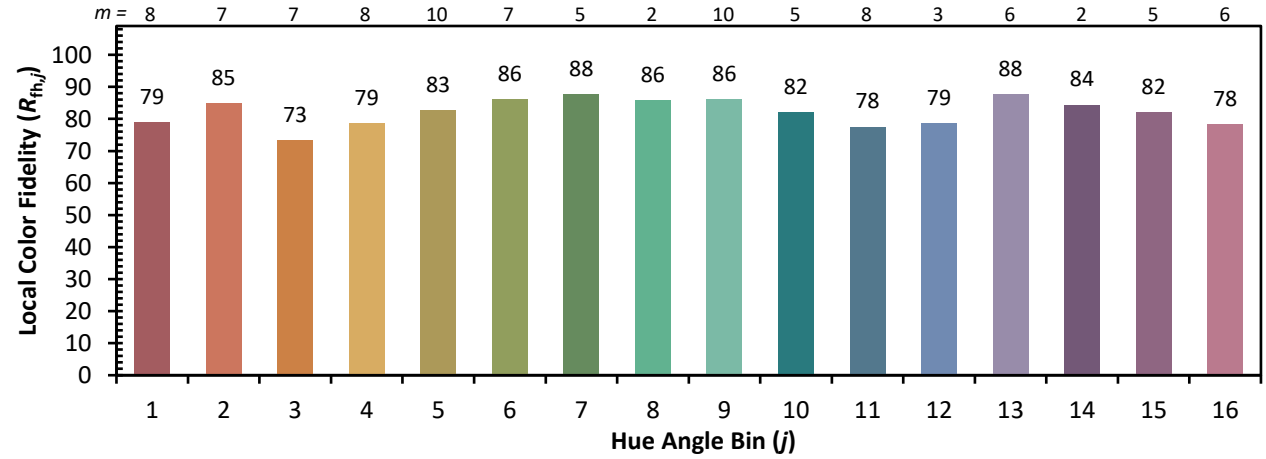
Color Rendition by Hue-Angle Bin







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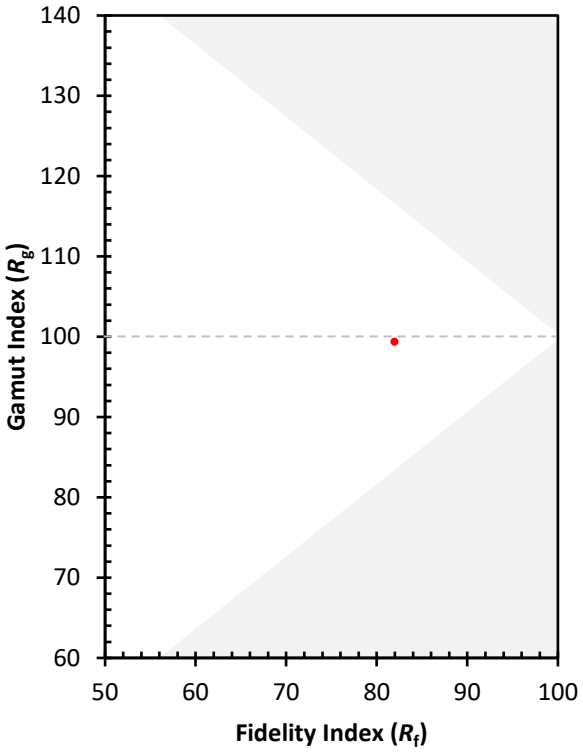
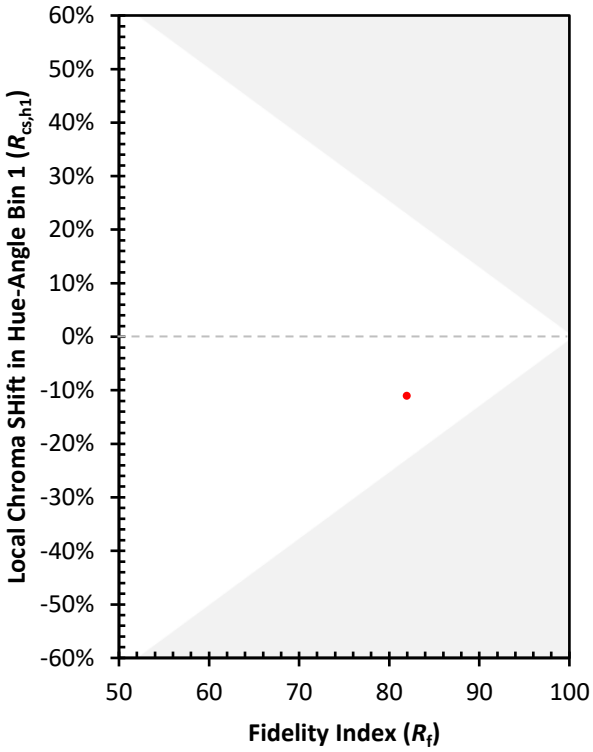
Measure Comparisons





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