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: P1456736

Luminaire Tested: GLAN-SB3B-850-U-T3LG

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:	P1456736
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-850-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(78) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15760.9 lumens
Efficiency:	N/A
Efficacy:	144.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	109.2
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: P1456736
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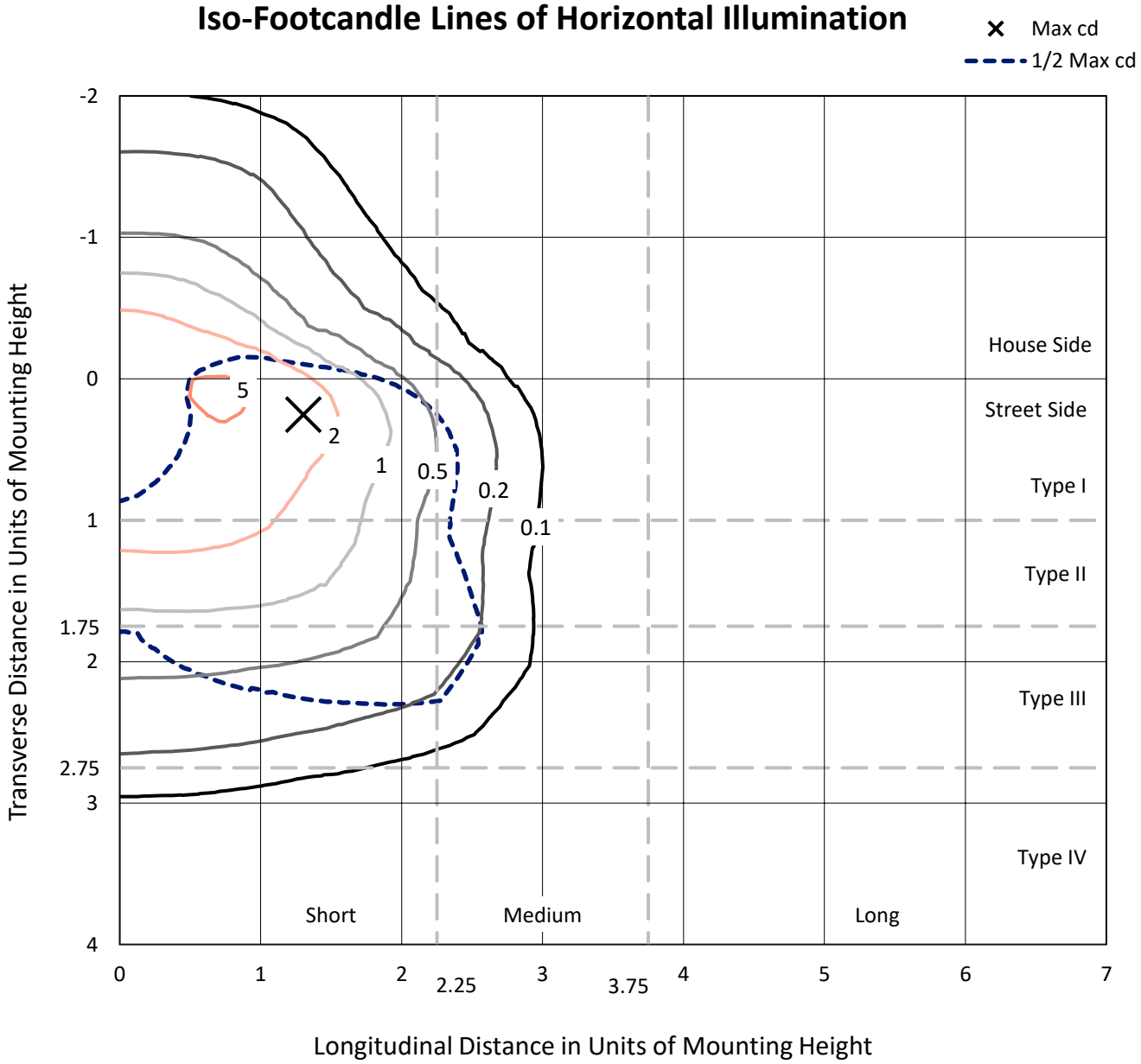
Iso-Footcandle Lines of Horizontal Illumination



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

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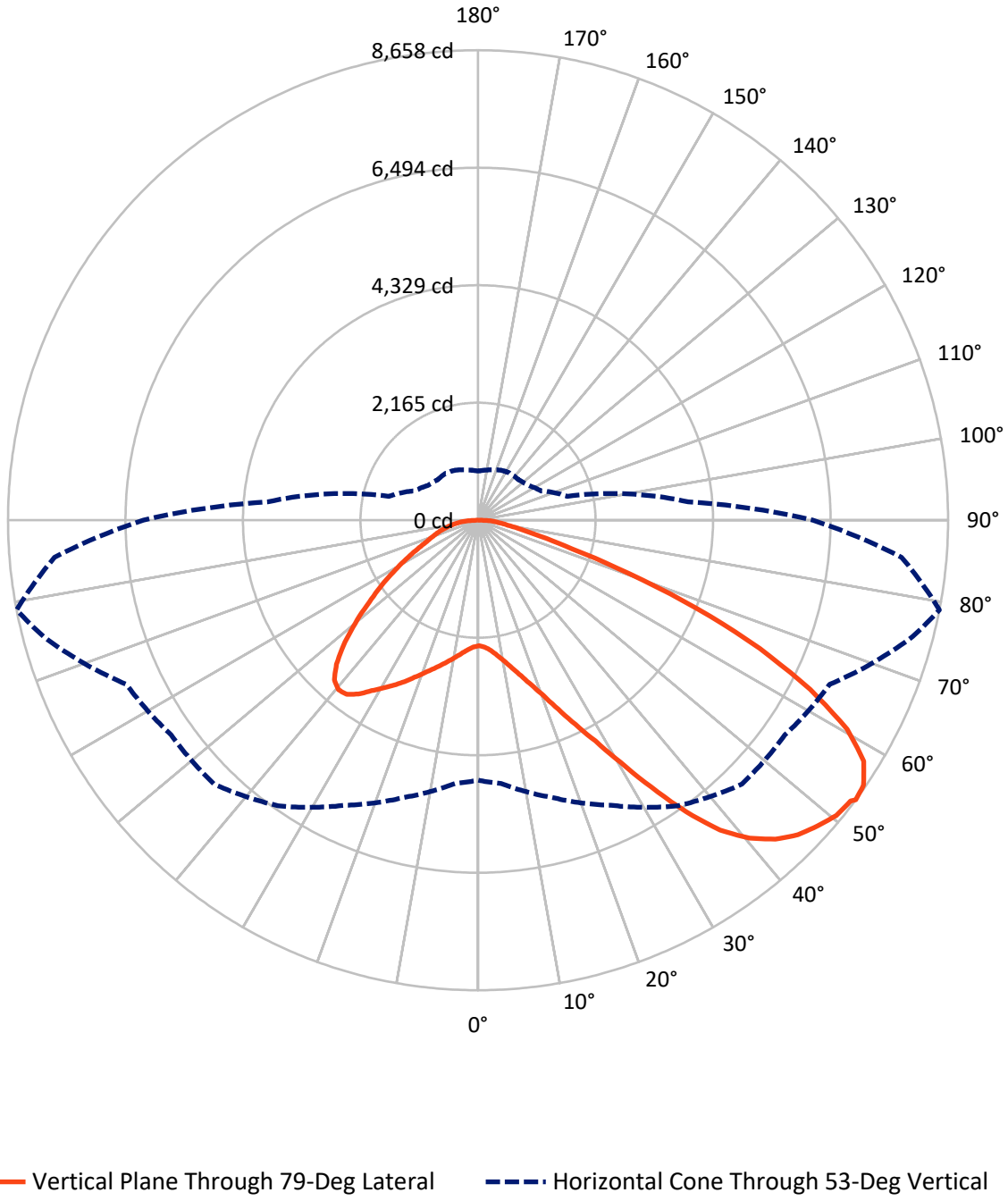
Luminous Intensity Polar Plot



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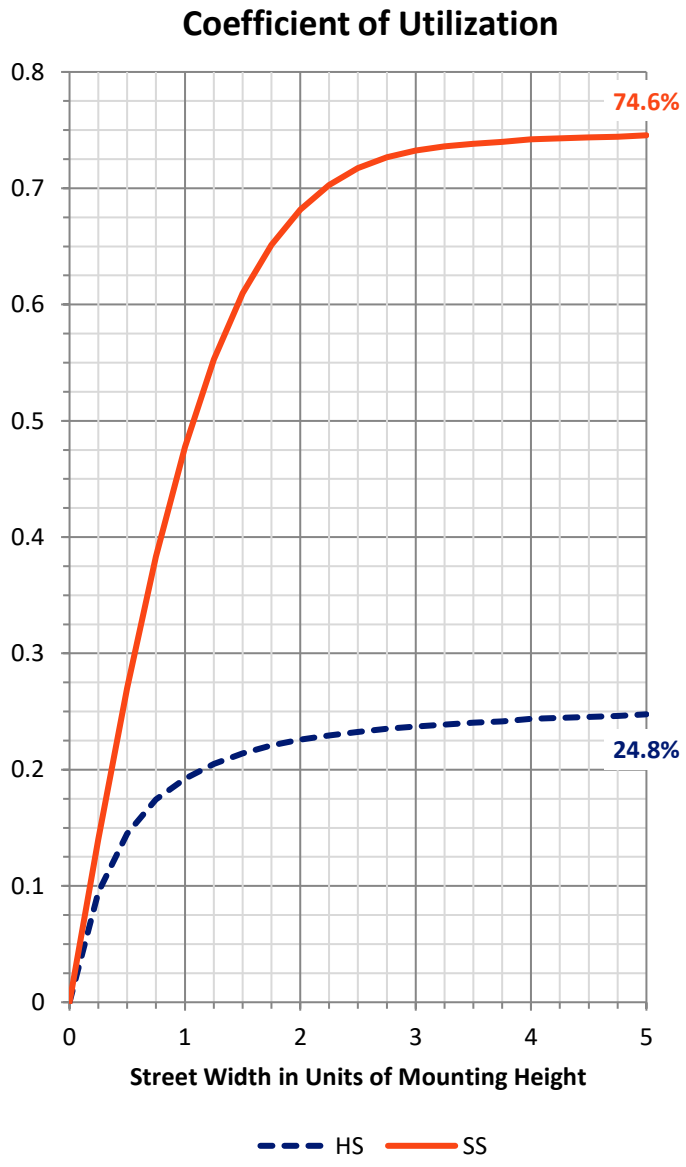
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3973.2	0.0	3973.2
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	11787.7	0.0	11787.7
	% Fixture	74.8	0.0	74.8
Total	Lumens	15760.9	0.0	15760.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	220.5	1.4
10°-20°	682.7	4.3
20°-30°	1305.3	8.3
30°-40°	2241.0	14.2
40°-50°	3139.0	19.9
50°-60°	3562.3	22.6
60°-70°	3124.0	19.8
70°-80°	1221.5	7.8
80°-90°	264.7	1.7
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°	15760.9	100.0
0°-180°	15760.9	100.0



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REPORT NUMBER: P1456736
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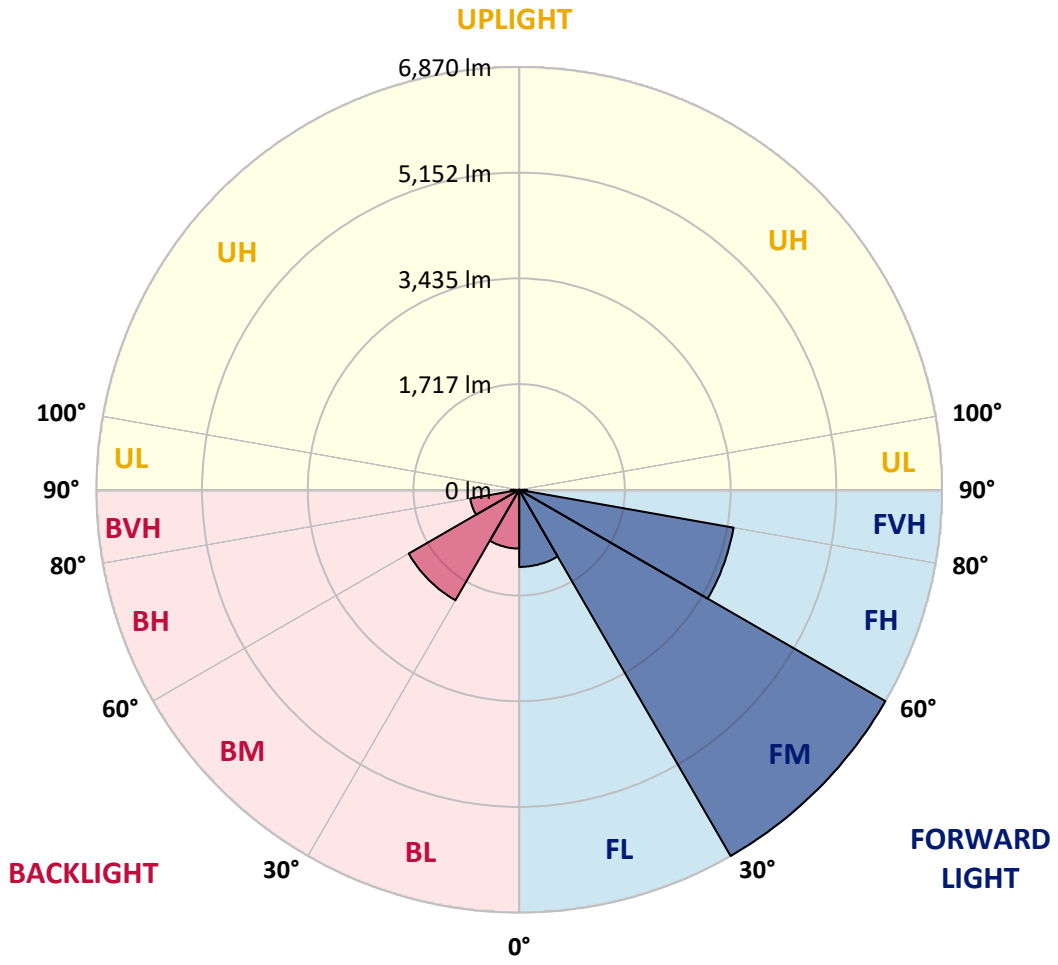
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1252.8	7.9			
FM	(30°-60°)	6869.6	43.6			
FH	(60°-80°)	3536.9	22.4			G2/5000
FVH	(80°-90°)	128.4	0.8			G2/225
BL	(0°-30°)	955.6	6.1	B2/1000		
BM	(30°-60°)	2072.7	13.2	B2/2500		
BH	(60°-80°)	808.6	5.1	B2/1000		G2/1000
BVH	(80°-90°)	136.3	0.9			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	*2313.7*	2313.7
2.5°	2317.3	2317.3	2303.2	2317.3	2310.2	2320.8	2327.8	2327.8	2341.8	*2338.3*	2338.3
5°	2278.6	2271.6	2268.1	2292.7	2306.7	2334.8	2366.4	2380.5	2405.0	*2405.0*	2408.5
7.5°	2176.8	2173.3	2190.9	2240.0	2285.7	2355.9	2422.6	2461.2	2499.8	*2506.8*	2506.8
10°	2113.6	2110.1	2131.2	2190.9	2264.6	2366.4	2471.7	2552.5	2615.7	*2633.2*	2633.2
12.5°	2113.6	2113.6	2131.2	2190.9	2268.1	2391.0	2534.9	2671.9	2770.2	*2791.2*	2784.2
15°	2173.3	2169.8	2190.9	2254.1	2327.8	2443.6	2619.2	2801.8	2935.2	*2973.8*	2977.3
17.5°	2236.5	2233.0	2264.6	2345.3	2433.1	2549.0	2728.0	2952.7	3142.3	*3191.5*	3202.0
20°	2334.8	2331.3	2369.9	2447.2	2556.0	2689.4	2875.5	3131.8	3395.1	*3447.8*	3461.8
22.5°	2447.2	2450.7	2492.8	2587.6	2696.4	2872.0	3100.2	3384.6	3700.6	*3781.3*	3795.4
25°	2682.4	2671.9	2707.0	2773.7	2889.5	3100.2	3381.1	3690.0	4065.7	*4164.0*	4181.6
27.5°	2994.9	2977.3	3015.9	3082.6	3166.9	3363.5	3686.5	4030.6	4483.5	*4606.4*	4609.9
30°	3275.8	3265.2	3317.9	3454.8	3542.6	3693.6	4037.6	4430.9	4999.6	*5178.7*	5185.7
32.5°	3518.0	3514.5	3612.8	3788.4	3988.5	4150.0	4483.5	4936.4	5652.7	*5859.8*	5814.2
35°	3749.7	3760.3	3883.2	4065.7	4332.6	4655.6	4992.6	5508.7	6340.8	*6590.1*	6516.4
37.5°	3985.0	3992.0	4153.5	4388.7	4669.6	5090.9	5543.9	6130.2	6937.7	*7246.7*	7085.2
40°	4202.7	4223.7	4441.4	4694.2	5059.3	5487.7	5993.3	6562.0	7397.7	*7703.1*	7527.6
42.5°	4420.3	4451.9	4687.2	5034.8	5424.5	5870.4	6305.7	6825.4	7692.6	*8033.1*	7762.8
45°	4645.0	4666.1	4957.5	5319.1	5761.5	6172.3	6484.8	6993.9	7896.2	*8264.9*	7896.2
47.5°	4796.0	4838.1	5157.6	5575.4	6017.8	6404.0	6628.7	7064.1	8026.1	*8415.8*	7945.4
50°	4855.7	4915.4	5259.5	5722.9	6228.5	6621.7	6741.1	7102.7	8170.1	*8549.3*	7934.8
52.5°	4845.2	4901.3	5277.0	5789.6	6397.0	6821.9	6849.9	7144.9	8271.9	*8594.9*	7843.5
53°	*4789.0*	*4866.2*	*5287.5*	*5793.1*	*6421.6*	*6874.5*	*6899.1*	*7148.4*	*8285.9*	*8658.1*	*7829.5*
55°	4595.9	4638.0	5178.7	5789.6	6537.5	7071.1	7036.0	7253.7	8324.6	*8616.0*	7675.0
57.5°	4420.3	4462.5	4932.9	5722.9	6632.3	7348.5	7257.2	7236.1	8113.9	*8377.2*	7285.3
60°	4308.0	4322.0	4718.8	5512.3	6593.6	7541.6	7401.2	7029.0	7594.3	*7811.9*	6600.7
62.5°	4213.2	4209.7	4560.8	5210.3	6446.2	7569.7	7429.3	6516.4	6832.4	*6867.5*	5687.8
65°	3999.0	3974.4	4315.0	4869.7	6140.7	7443.3	7085.2	5740.5	5821.2	*5705.4*	4567.8
67.5°	3574.2	3521.5	3823.5	4350.1	5519.3	7085.2	6428.6	4838.1	4588.9	*4357.1*	3440.8
70°	2559.5	2559.5	2801.8	3328.4	4430.9	6123.2	5519.3	3662.0	3159.9	*2952.7*	2299.7
72.5°	1253.4	1285.0	1537.8	1966.2	2970.3	4444.9	4227.2	2373.4	1917.0	*1815.2*	1474.6
75°	533.7	537.2	656.6	870.7	1506.2	2629.7	2647.3	1369.3	1228.8	*1179.7*	976.1
77.5°	372.2	379.2	431.9	512.6	716.2	1207.8	1376.3	828.6	825.1	*790.0*	695.2
80°	284.4	291.4	326.5	382.7	481.0	617.9	712.7	561.8	589.8	*554.7*	502.1
82.5°	214.2	221.2	245.8	287.9	344.1	414.3	400.3	414.3	435.4	*414.3*	361.6
85°	144.0	147.5	165.0	200.1	221.2	249.3	249.3	301.9	316.0	*309.0*	284.4
87.5°	73.7	73.7	87.8	105.3	112.4	115.9	101.8	133.4	151.0	*165.0*	133.4
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: P1456736
CATALOG NUMBER: GLAN-SB3B-850-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7	2313.7
2.5°	2338.3	2341.8	2331.3	2327.8	2324.3	2306.7	2306.7	2289.2	2285.7	2289.2	2278.6
5°	2415.6	2408.5	2380.5	2359.4	2334.8	2285.7	2257.6	2218.9	2208.4	2197.9	2187.3
7.5°	2510.4	2499.8	2450.7	2394.5	2327.8	2233.0	2180.3	2117.1	2096.1	2078.5	2071.5
10°	2629.7	2608.7	2531.4	2412.0	2289.2	2173.3	2099.6	2022.3	1987.2	1980.2	1962.6
12.5°	2784.2	2745.6	2601.6	2415.6	2254.1	2103.1	2022.3	1962.6	1948.6	1945.1	1927.5
15°	2956.3	2900.1	2668.4	2419.1	2208.4	2043.4	1994.2	1962.6	1962.6	1959.1	1948.6
17.5°	3166.9	3075.6	2731.5	2405.0	2152.2	2025.8	2001.3	1973.2	1966.2	1969.7	1955.6
20°	3419.7	3268.7	2798.3	2387.5	2127.7	2029.4	2001.3	1962.6	1945.1	1941.6	1931.0
22.5°	3711.1	3489.9	2872.0	2359.4	2127.7	2025.8	1980.2	1927.5	1892.4	1878.4	1864.3
25°	4044.7	3746.2	2949.2	2348.9	2134.7	2011.8	1938.1	1853.8	1797.6	1776.6	1766.0
27.5°	4448.4	4016.6	3005.4	2359.4	2131.2	1980.2	1864.3	1755.5	1692.3	1657.2	1650.2
30°	4894.3	4308.0	3044.0	2376.9	2110.1	1920.5	1776.6	1653.7	1565.9	1523.8	1513.2
32.5°	5421.0	4634.5	3082.6	2376.9	2057.4	1836.2	1674.7	1541.3	1450.0	1400.9	1393.9
35°	6003.8	5034.8	3117.8	2373.4	1994.2	1745.0	1572.9	1436.0	1341.2	1292.0	1288.5
37.5°	6498.8	5336.7	3135.3	2338.3	1906.5	1639.6	1478.1	1341.2	1242.9	1190.2	1186.7
40°	6804.3	5463.1	3100.2	2268.1	1801.1	1530.8	1372.8	1246.4	1148.1	1084.9	1070.9
42.5°	6920.2	5403.4	2987.9	2152.2	1674.7	1422.0	1285.0	1151.6	1021.7	969.0	958.5
45°	6881.5	5171.7	2749.1	1987.2	1534.3	1323.6	1207.8	1056.8	972.5	926.9	923.4
47.5°	6751.6	4813.6	2450.7	1780.1	1386.8	1235.9	1106.0	1032.2	955.0	905.8	902.3
50°	6523.4	4430.9	2092.5	1544.8	1253.4	1144.6	1081.4	1021.7	958.5	919.9	912.9
52.5°	6232.0	3999.0	1762.5	1316.6	1137.6	1063.8	1056.8	1014.7	965.5	923.4	905.8
53°	*6165.3*	*3886.7*	*1699.3*	*1278.0*	*1120.0*	*1053.3*	*1049.8*	*1014.7*	*958.5*	*919.9*	*905.8*
55°	5845.8	3539.1	1499.2	1141.1	1032.2	1018.2	1049.8	1011.2	940.9	909.3	898.8
57.5°	5333.2	3082.6	1306.1	1014.7	940.9	976.1	1039.3	997.1	919.9	863.7	846.1
60°	4715.3	2559.5	1158.6	930.4	874.2	923.4	997.1	948.0	842.6	814.5	811.0
62.5°	3978.0	2071.5	1046.3	860.2	818.1	867.2	933.9	849.7	772.4	751.4	744.3
65°	3107.2	1646.7	958.5	807.5	761.9	800.5	846.1	793.5	744.3	726.8	723.3
67.5°	2310.2	1292.0	888.3	761.9	705.7	730.3	783.0	768.9	726.8	716.2	712.7
70°	1594.0	1049.8	825.1	719.8	635.5	663.6	744.3	754.9	712.7	705.7	702.2
72.5°	1116.5	888.3	758.4	674.1	579.3	607.4	726.8	726.8	681.1	691.7	684.6
75°	839.1	747.8	681.1	617.9	509.1	551.2	702.2	695.2	649.5	695.2	677.6
77.5°	632.0	603.9	589.8	547.7	445.9	488.0	653.0	639.0	579.3	582.8	551.2
80°	459.9	467.0	505.6	467.0	372.2	403.8	551.2	544.2	470.5	484.5	445.9
82.5°	330.0	347.6	431.9	375.7	270.3	287.9	379.2	410.8	368.7	347.6	354.6
85°	249.3	259.8	347.6	277.4	168.5	189.6	259.8	294.9	287.9	266.8	270.3
87.5°	105.3	119.4	161.5	129.9	98.3	98.3	161.5	207.1	186.1	158.0	165.0
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

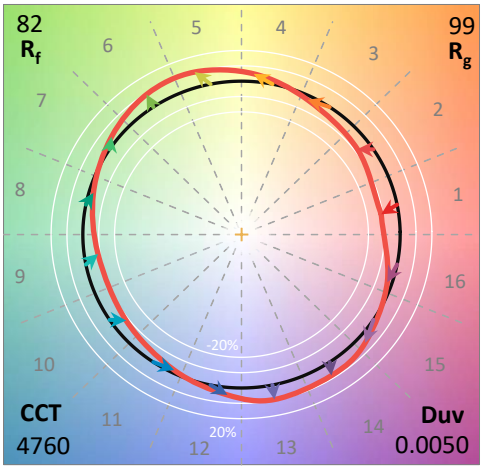
Test Information

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

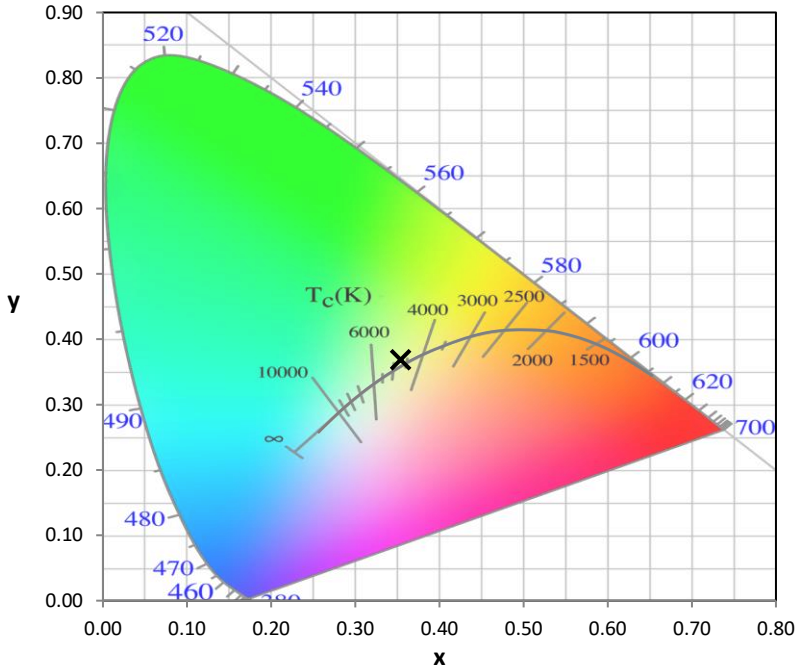
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

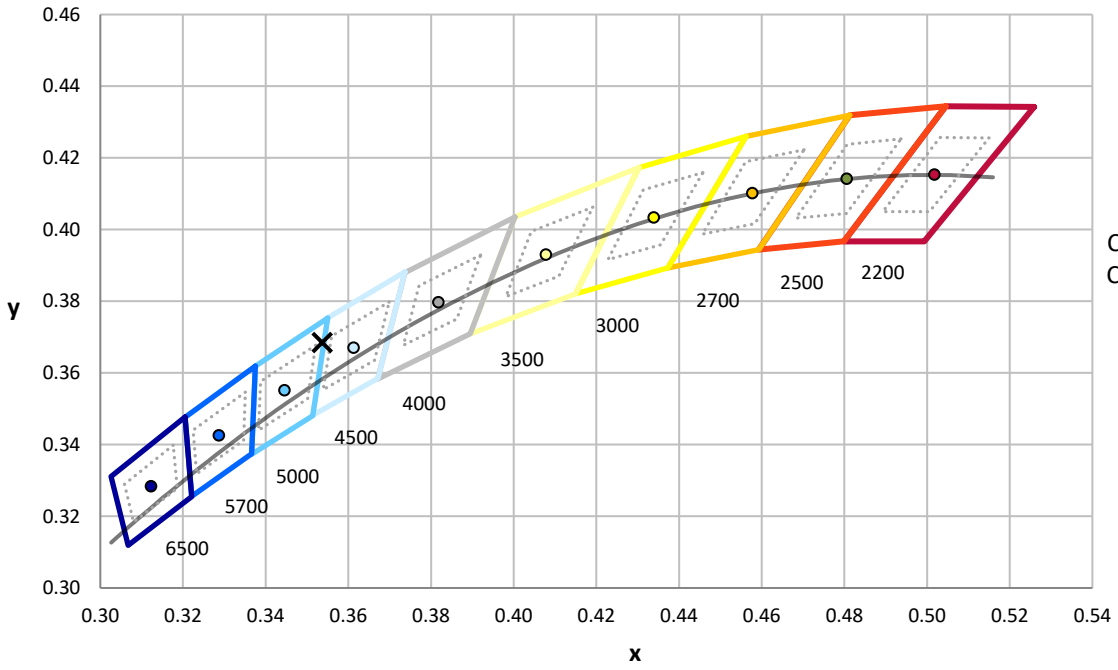
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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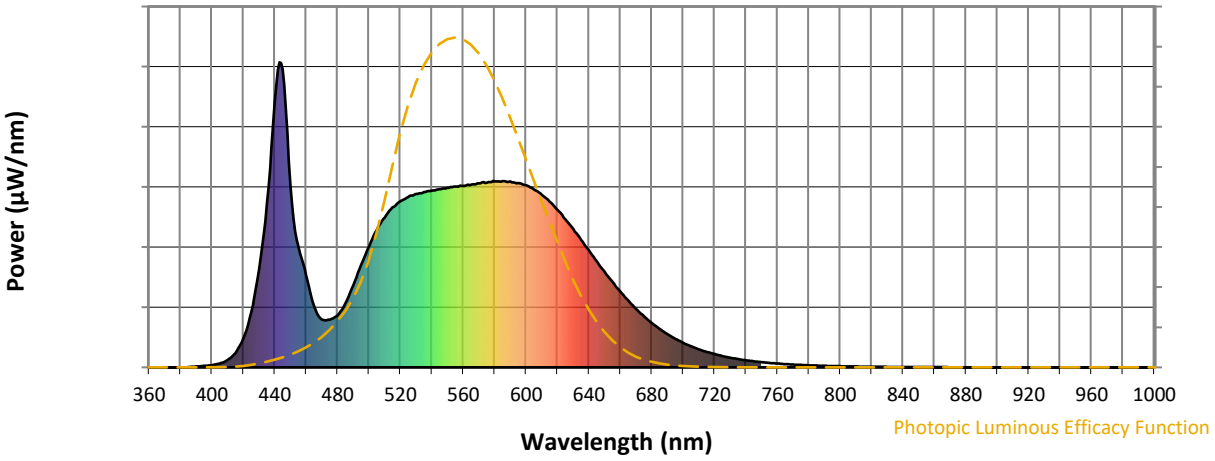
Photopic Flux vs. Wavelength



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	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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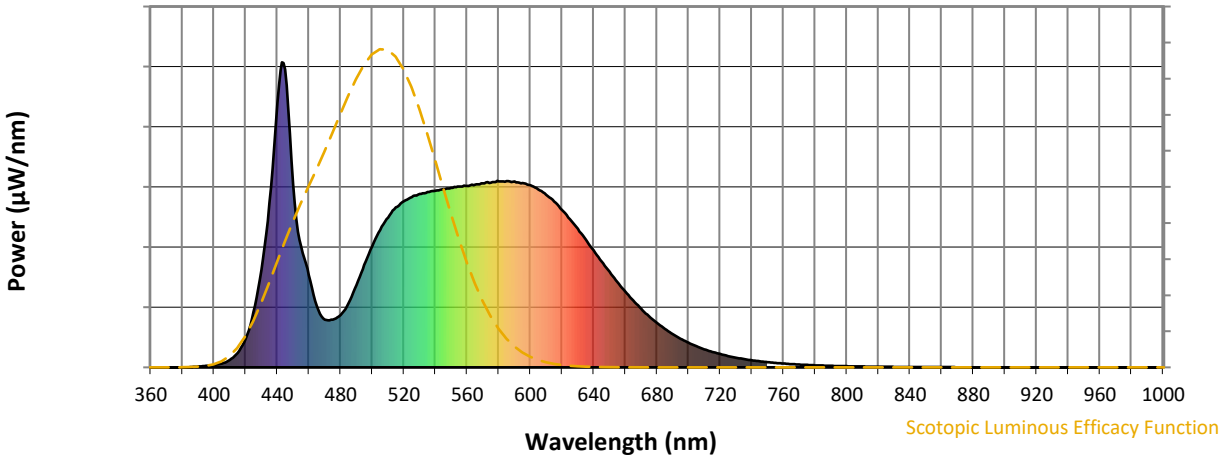
Scotopic Flux vs. Wavelength



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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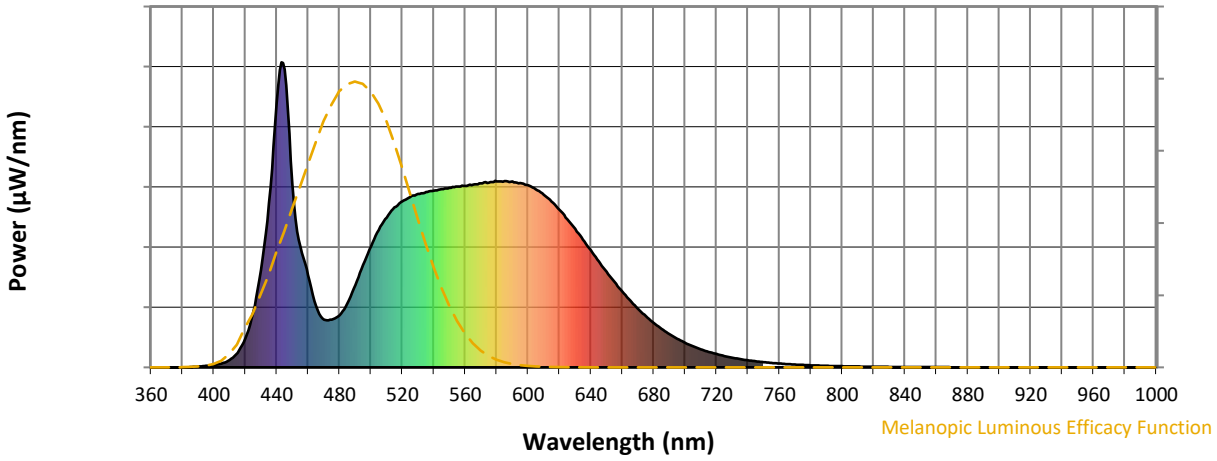
Melanopic Flux vs. Wavelength



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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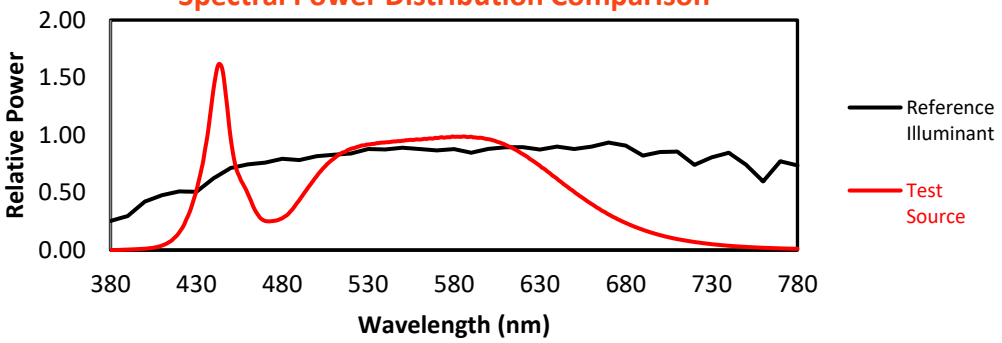
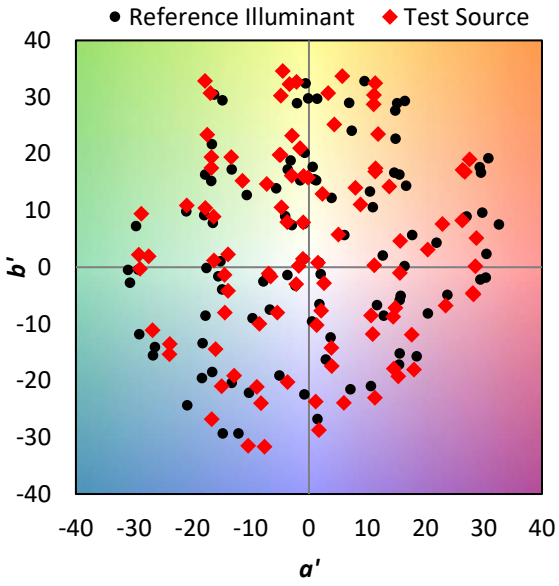
Summary

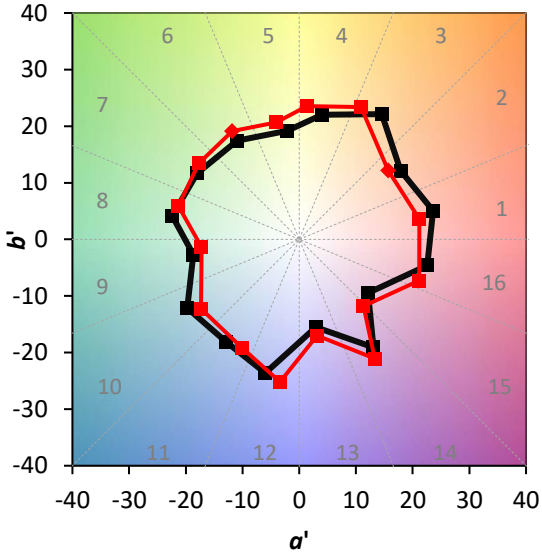
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

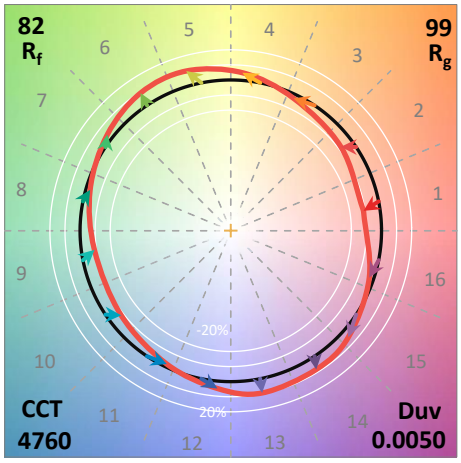
Spectral Power Distribution Comparison

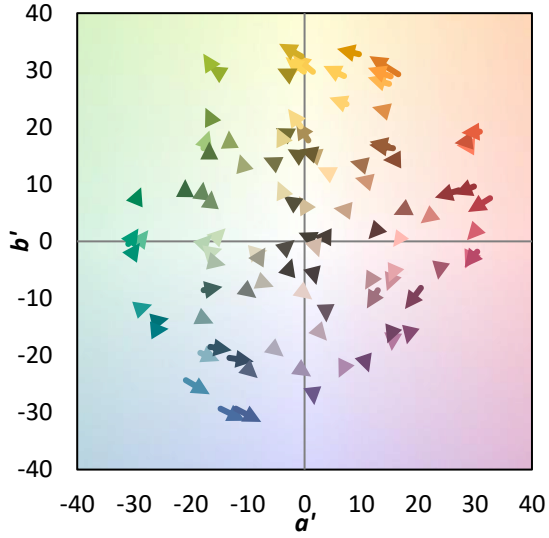


Color Vector Graphics









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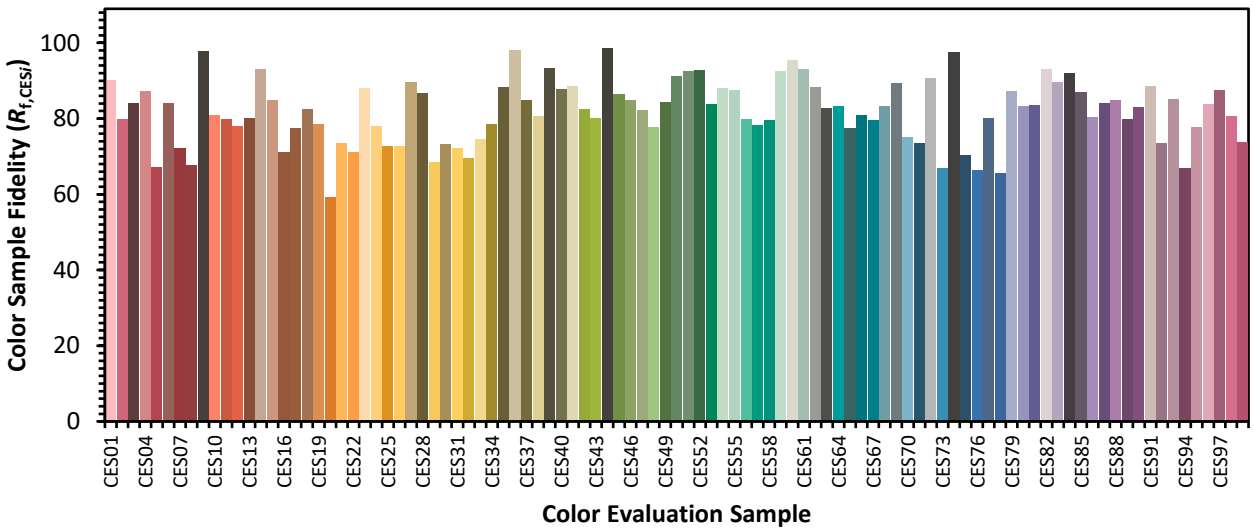
Individual Sample Fidelity Index ($R_{f,i}$)

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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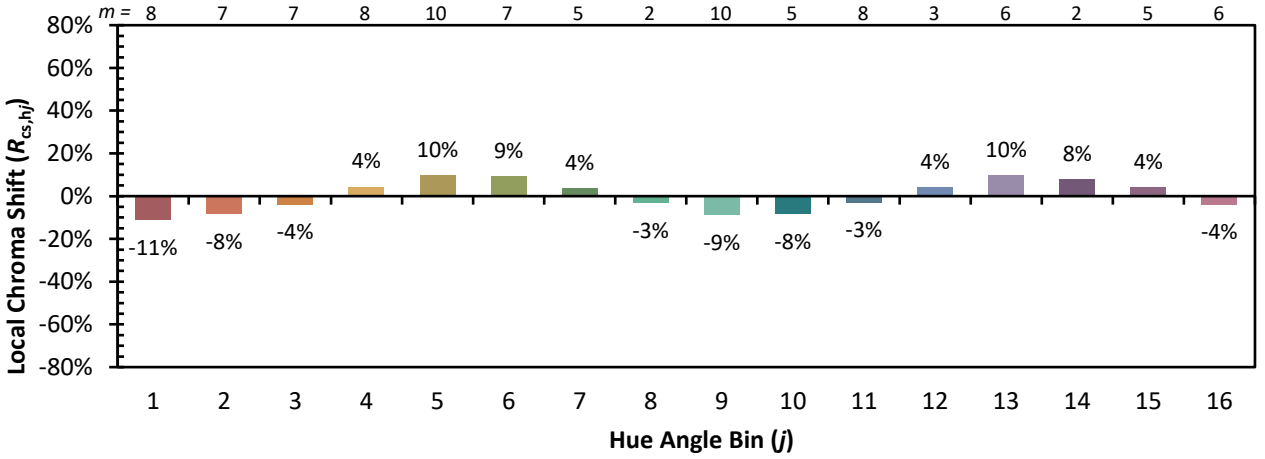
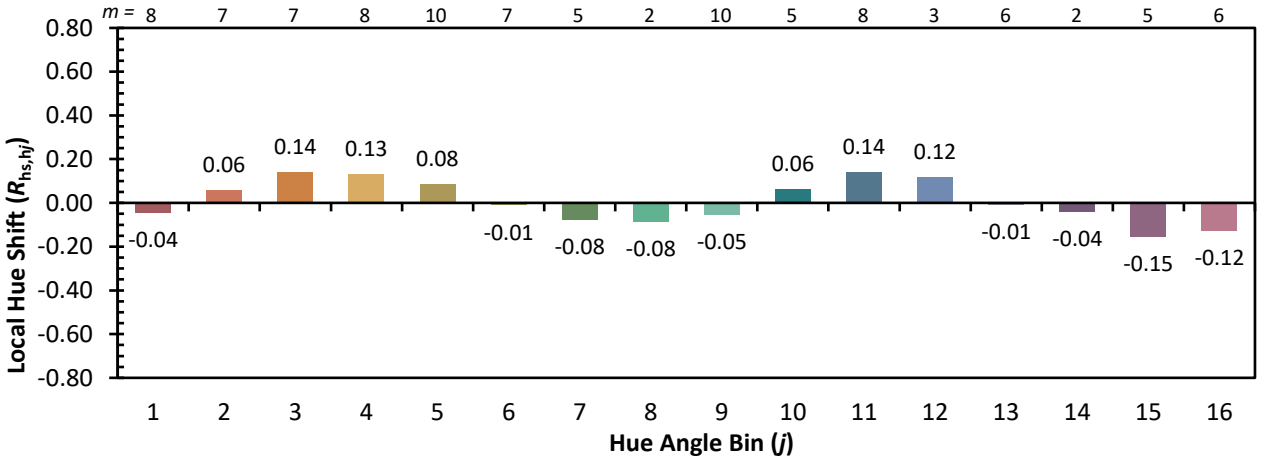
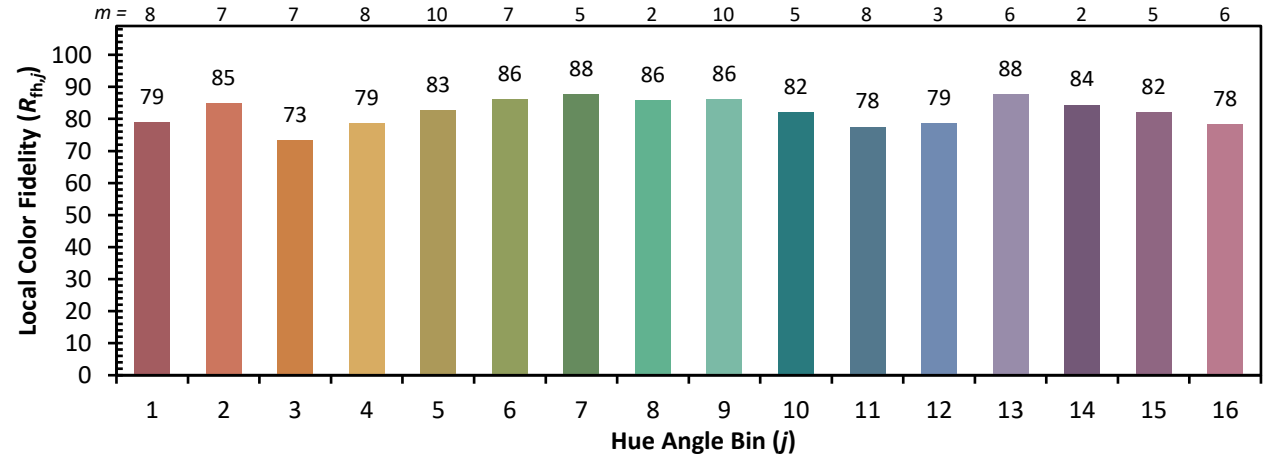
Color Rendition by Hue-Angle Bin







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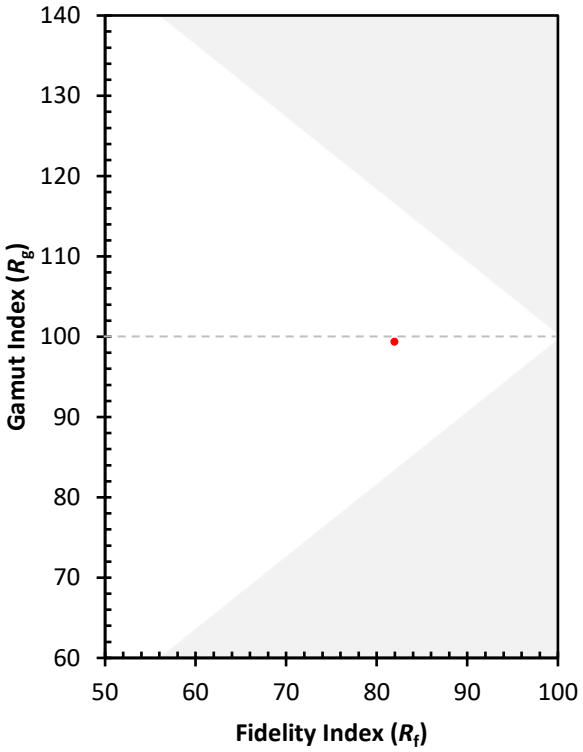
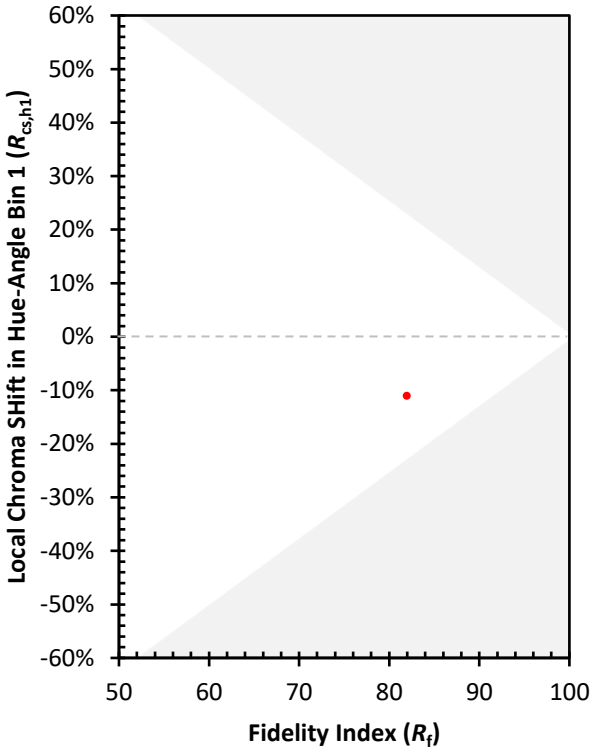
Measure Comparisons





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