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: P1459003

Luminaire Tested: GLAN-SB3A-840-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:	P1459003
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9334 lumens
Efficiency:	N/A
Efficacy:	110.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
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: P1459003
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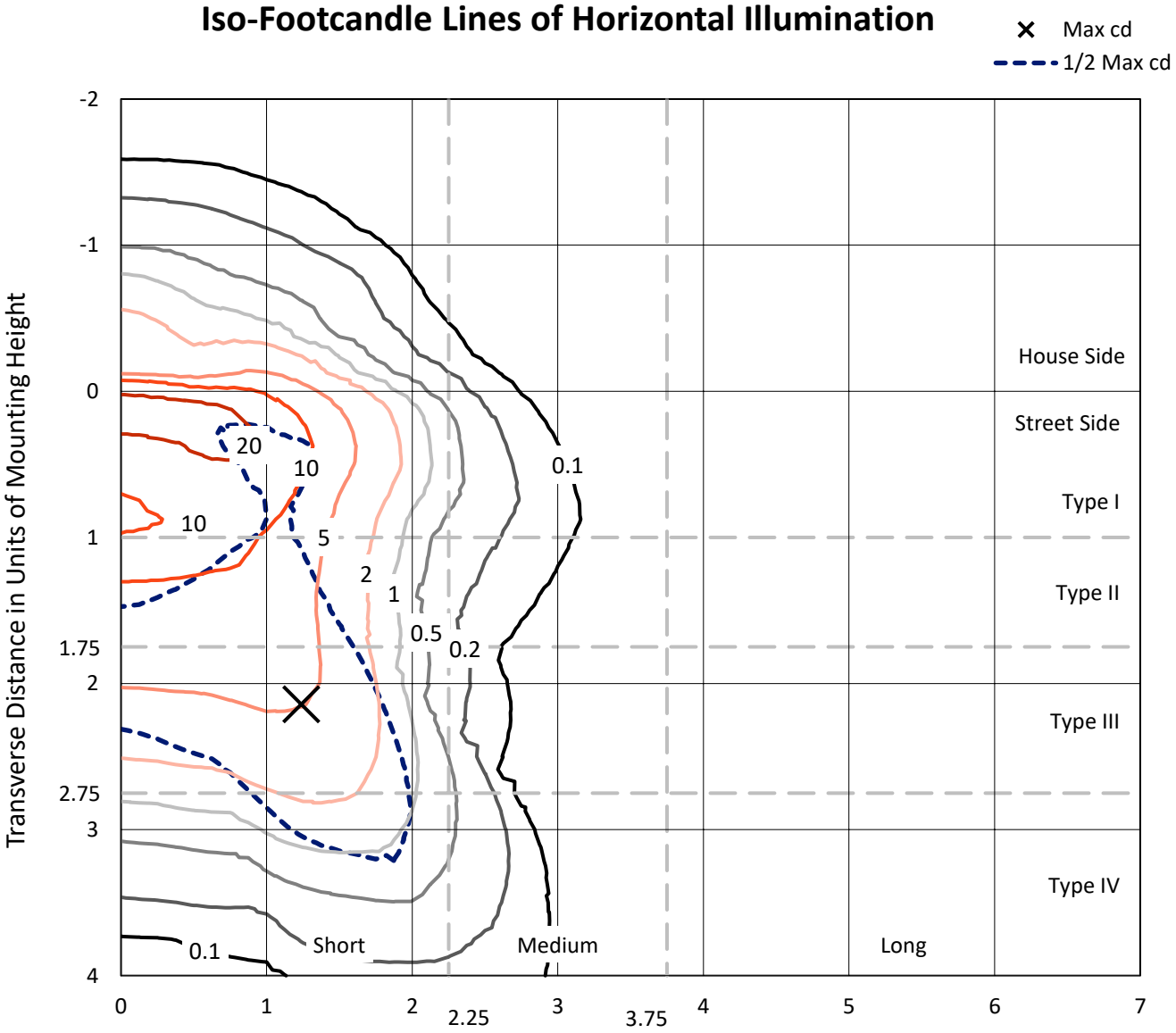
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 28.1 fc
Type IV - Short - N/A

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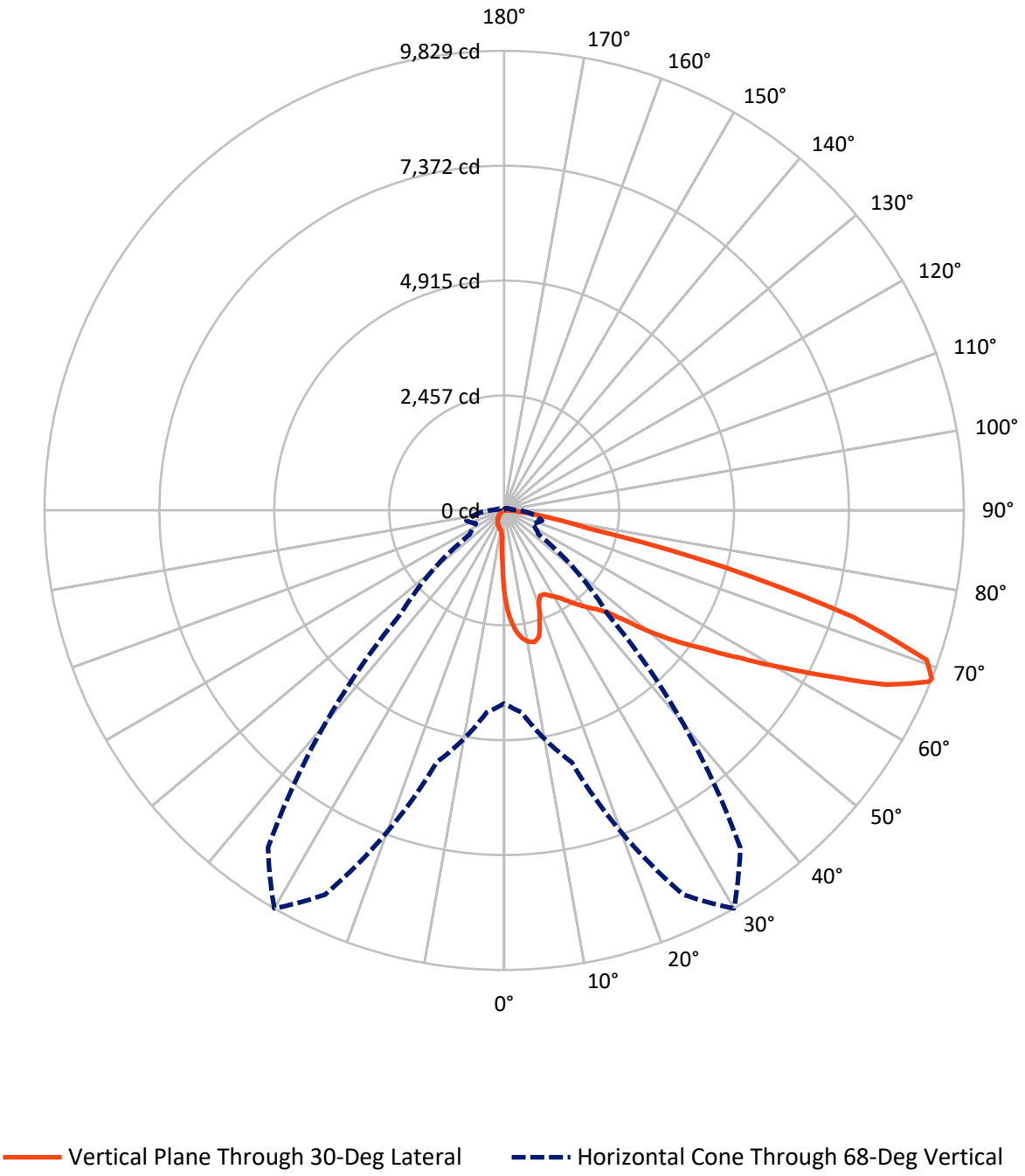
Luminous Intensity Polar Plot



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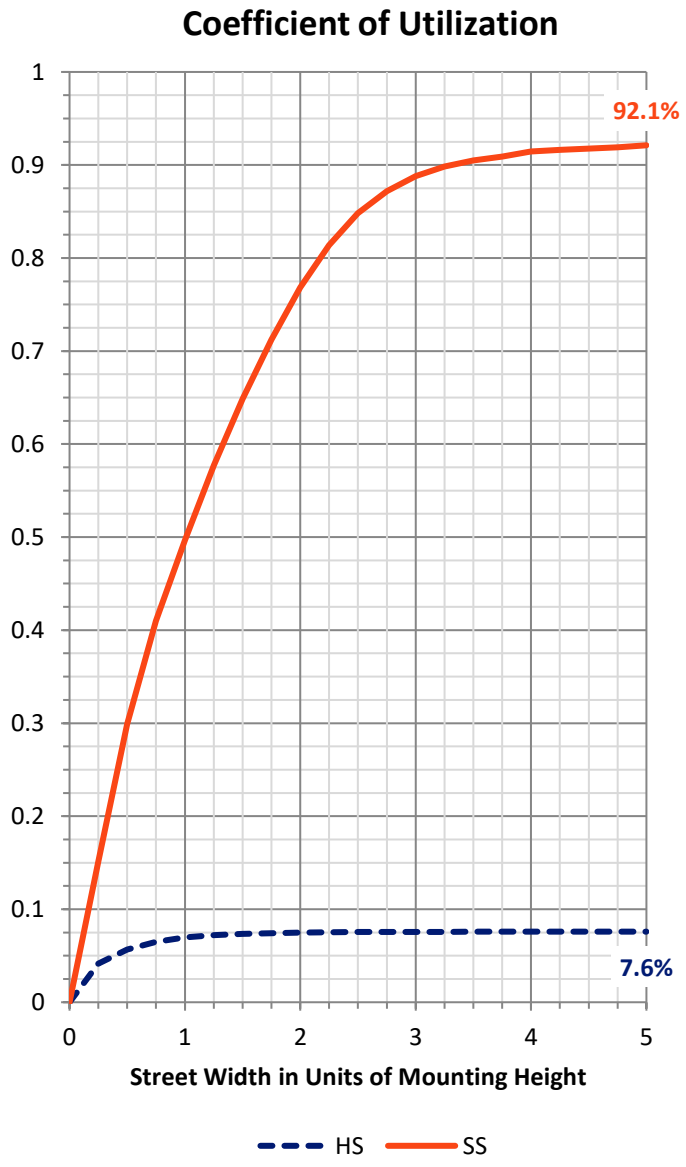
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	712.4	0.0	712.4
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	8621.6	0.0	8621.6
	% Fixture	92.4	0.0	92.4
Total	Lumens	9334.0	0.0	9334.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	158.8	1.7
10°-20°	453.4	4.9
20°-30°	712.5	7.6
30°-40°	1117.5	12.0
40°-50°	1670.4	17.9
50°-60°	2222.2	23.8
60°-70°	2148.2	23.0
70°-80°	772.2	8.3
80°-90°	78.8	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°	9334.0	100.0
0°-180°	9334.0	100.0



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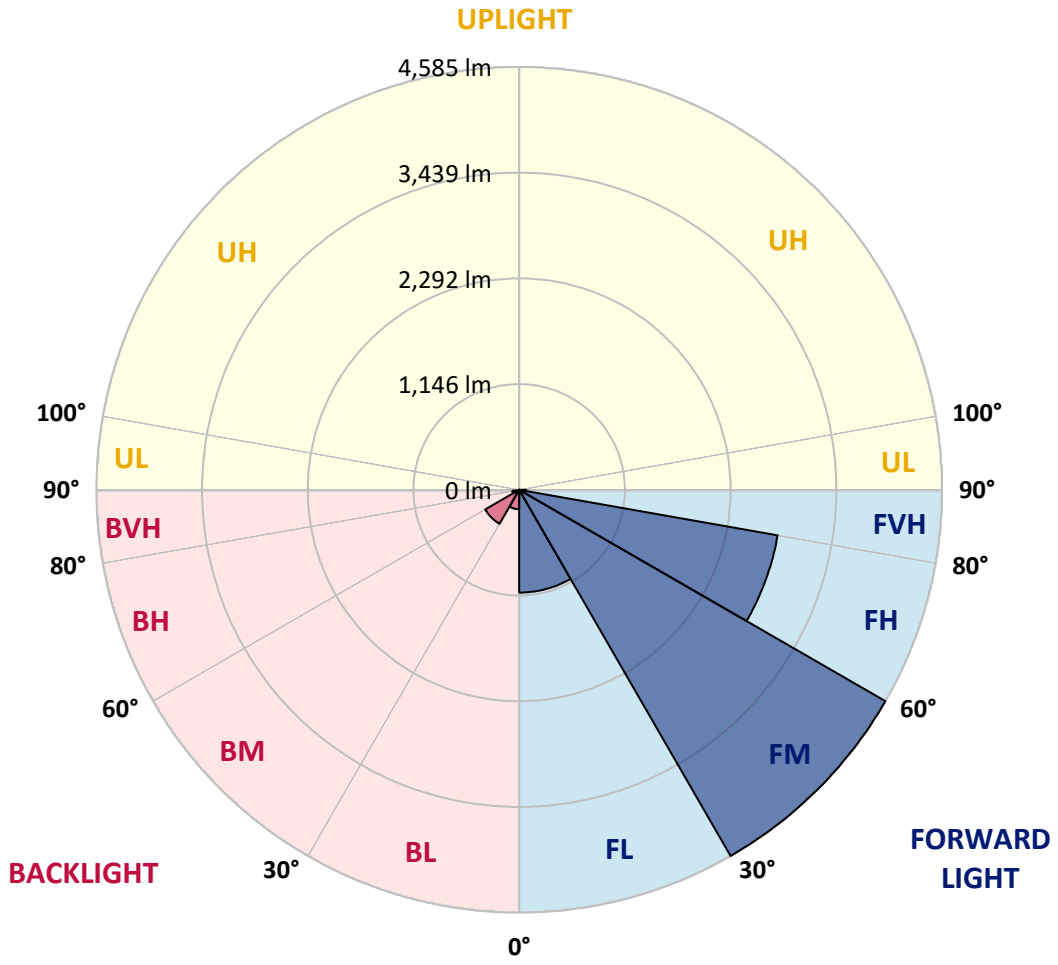
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1114.5	11.9			
FM	(30°-60°)	4584.9	49.1			
FH	(60°-80°)	2846.2	30.5			G2/5000
FVH	(80°-90°)	76.0	0.8			G1/100
BL	(0°-30°)	210.3	2.3	B1/500		
BM	(30°-60°)	425.2	4.6	B1/1000		
BH	(60°-80°)	74.1	0.8	B0/110		G0/110
BVH	(80°-90°)	2.8	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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REPORT NUMBER: P1459003
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1840.6	1840.6	1840.6	1840.6	*1840.6*	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	2352.4	2352.4	2335.7	2313.3	*2288.1*	2279.7	2232.2	2165.0	2095.1	2014.0	1896.5
5°	2654.5	2651.7	2618.2	2618.2	*2584.6*	2553.8	2506.3	2408.4	2296.5	2151.0	1946.9
7.5°	2788.8	2794.4	2780.4	2780.4	*2760.8*	2738.5	2710.5	2615.4	2483.9	2288.1	1997.2
10°	2836.4	2839.2	2839.2	2858.7	*2853.1*	2850.3	2847.6	2794.4	2657.3	2428.0	2050.3
12.5°	2721.7	2735.7	2774.8	2861.5	*2889.5*	2920.3	2962.2	2945.5	2850.3	2604.2	2131.5
15°	2352.4	2355.2	2464.3	2679.7	*2794.4*	2911.9	3074.1	3107.7	3046.2	2794.4	2215.4
17.5°	1941.3	1949.6	2036.4	2276.9	*2461.5*	2732.9	3138.5	3275.5	3253.1	2981.8	2293.7
20°	1770.6	1781.8	1823.8	1974.8	*2114.7*	2366.4	3074.1	3435.0	3443.4	3169.2	2366.4
22.5°	1731.5	1739.9	1773.4	1890.9	*1977.6*	2145.5	2855.9	3560.8	3658.7	3384.6	2453.1
25°	1720.3	1728.7	1779.0	1907.7	*1988.8*	2128.7	2657.3	3628.0	3913.3	3608.4	2537.1
27.5°	1711.9	1723.1	1804.2	1969.2	*2064.3*	2198.6	2621.0	3642.0	4156.6	3846.2	2674.1
30°	1723.1	1739.9	1846.2	2033.6	*2142.7*	2293.7	2707.7	3655.9	4425.2	4117.5	2847.6
32.5°	1767.8	1781.8	1910.5	2120.3	*2246.2*	2416.8	2855.9	3739.9	4679.7	4394.4	3012.6
35°	1818.2	1837.8	1991.6	2243.4	*2394.4*	2587.4	3057.3	3904.9	4923.1	4657.3	3183.2
37.5°	1879.7	1902.1	2086.7	2383.2	*2556.6*	2774.8	3275.5	4134.3	5138.5	4872.7	3353.8
40°	1963.6	1988.8	2195.8	2531.5	*2718.9*	2937.1	3490.9	4360.8	5303.5	5001.4	3465.7
42.5°	2293.7	2327.3	2414.0	2676.9	*2886.7*	3110.5	3703.5	4576.2	5365.0	5043.4	3488.1
45°	2909.1	2942.7	2920.3	2970.6	*3110.5*	3320.3	3935.7	4783.2	5373.4	5032.2	3476.9
47.5°	3527.3	3566.4	3546.9	3518.9	*3549.6*	3650.3	4195.8	4914.7	5328.7	5026.6	3476.9
50°	4117.5	4095.1	4097.9	4089.5	*4117.5*	4170.6	4447.6	4939.9	5317.5	5079.7	3507.7
52.5°	4433.6	4444.8	4514.7	4618.2	*4679.7*	4732.9	4735.7	4979.0	5236.4	4990.2	3471.3
55°	4744.1	4766.4	4928.7	5104.9	*5242.0*	5342.7	5023.8	4953.8	4752.4	4690.9	3281.1
57.5°	5093.7	5124.5	5353.8	5717.5	*5958.0*	6011.2	5309.1	4483.9	4022.4	4262.9	2911.9
60°	5574.8	5611.2	5916.1	6461.5	*6819.6*	6710.5	5331.5	3737.1	3194.4	3538.5	2402.8
62.5°	5952.4	6025.2	6576.2	7426.6	*7821.0*	7474.1	4914.7	2864.3	2232.2	2486.7	1753.8
65°	5549.6	5689.5	6587.4	8531.5	*8987.4*	8372.0	4260.1	1955.2	1258.7	1608.4	1121.7
67.5°	4486.7	4682.5	5848.9	9068.5	*9787.4*	8844.8	3353.8	1037.8	721.7	934.3	590.2
68°	*4128.7*	*4341.3*	*5577.6*	*9068.5*	*9829.4*	*8802.8*	*3113.3*	*897.9*	*665.7*	*839.2*	*511.9*
70°	2853.1	3004.2	4288.1	8559.4	*9583.2*	8025.2	2050.3	514.7	500.7	576.2	338.5
72.5°	1398.6	1560.8	2293.7	6783.2	*7807.0*	6167.8	934.3	341.3	380.4	422.4	265.7
75°	556.6	590.2	903.5	3345.5	*4878.3*	3935.7	489.5	257.3	327.3	330.1	209.8
77.5°	318.9	338.5	500.7	1230.8	*1829.4*	1759.4	316.1	184.6	260.1	237.8	137.1
80°	179.0	181.8	282.5	649.0	*1046.2*	937.1	215.4	134.3	198.6	167.8	92.3
82.5°	89.5	100.7	179.0	358.0	*581.8*	595.8	114.7	95.1	159.4	120.3	75.5
85°	64.3	69.9	128.7	198.6	*268.5*	402.8	69.9	47.6	120.3	81.1	53.1
87.5°	33.6	42.0	81.1	97.9	*109.1*	137.1	33.6	22.4	67.1	47.6	28.0
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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Scaled Data Report

REPORT NUMBER: P1459003
CATALOG NUMBER: GLAN-SB3A-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6	1840.6
2.5°	1840.6	1776.2	1644.8	1490.9	1370.6	1247.6	1146.9	1051.7	1007.0	1001.4	1012.6
5°	1832.2	1692.3	1393.0	1099.3	858.7	690.9	598.6	551.0	525.9	514.7	517.5
7.5°	1815.4	1602.8	1124.5	744.1	556.6	483.9	461.5	453.1	450.3	450.3	450.3
10°	1798.6	1482.5	861.5	545.5	455.9	436.4	430.8	430.8	428.0	428.0	430.8
12.5°	1790.2	1370.6	668.5	455.9	425.2	416.8	411.2	408.4	408.4	408.4	411.2
15°	1770.6	1247.6	539.9	422.4	405.6	394.4	391.6	388.8	388.8	388.8	388.8
17.5°	1753.8	1127.3	469.9	400.0	386.0	374.8	372.0	369.2	369.2	372.0	372.0
20°	1728.7	1012.6	422.4	377.6	366.4	355.2	352.4	349.7	352.4	352.4	352.4
22.5°	1697.9	917.5	394.4	360.8	346.9	335.7	335.7	335.7	335.7	335.7	338.5
25°	1678.3	850.3	374.8	341.3	327.3	318.9	316.1	316.1	321.7	321.7	324.5
27.5°	1709.1	833.6	377.6	335.7	310.5	302.1	299.3	299.3	304.9	307.7	310.5
30°	1801.4	864.3	411.2	352.4	299.3	285.3	282.5	282.5	290.9	293.7	296.5
32.5°	1907.7	928.7	461.5	374.8	290.9	268.5	262.9	262.9	271.3	274.1	276.9
35°	2053.1	1029.4	528.7	394.4	296.5	251.7	240.6	240.6	246.2	251.7	254.5
37.5°	2240.6	1194.4	607.0	408.4	296.5	232.2	218.2	215.4	221.0	221.0	223.8
40°	2436.4	1409.8	688.1	408.4	282.5	212.6	198.6	190.2	193.0	190.2	193.0
42.5°	2545.5	1583.2	758.0	383.2	265.7	193.0	179.0	167.8	165.0	159.4	162.2
45°	2607.0	1661.5	738.5	355.2	249.0	179.0	162.2	148.3	142.7	134.3	134.3
47.5°	2607.0	1669.9	632.2	332.9	232.2	167.8	145.5	131.5	123.1	114.7	117.5
50°	2576.2	1594.4	500.7	310.5	212.6	156.6	131.5	120.3	109.1	103.5	103.5
52.5°	2447.6	1348.3	383.2	282.5	190.2	142.7	117.5	106.3	95.1	92.3	92.3
55°	2226.6	990.2	310.5	254.5	170.6	131.5	106.3	97.9	86.7	81.1	81.1
57.5°	1809.8	676.9	257.3	229.4	151.0	117.5	95.1	86.7	72.7	67.1	67.1
60°	1342.7	442.0	218.2	201.4	128.7	106.3	83.9	72.7	61.5	55.9	53.1
62.5°	906.3	299.3	181.8	159.4	109.1	92.3	72.7	61.5	47.6	36.4	36.4
65°	565.0	232.2	151.0	125.9	95.1	81.1	61.5	47.6	33.6	25.2	22.4
67.5°	324.5	187.4	123.1	97.9	81.1	64.3	47.6	39.2	28.0	19.6	16.8
68°	*299.3*	*179.0*	*114.7*	*92.3*	*75.5*	*61.5*	*44.8*	*36.4*	*25.2*	*16.8*	*16.8*
70°	243.4	159.4	97.9	75.5	64.3	50.3	39.2	30.8	19.6	11.2	11.2
72.5°	215.4	134.3	83.9	58.7	44.8	42.0	30.8	22.4	14.0	8.4	5.6
75°	176.2	106.3	67.1	44.8	30.8	30.8	22.4	14.0	5.6	0.0	0.0
77.5°	114.7	78.3	53.1	28.0	16.8	19.6	14.0	5.6	0.0	0.0	0.0
80°	75.5	58.7	36.4	14.0	8.4	8.4	2.8	0.0	0.0	0.0	0.0
82.5°	53.1	39.2	22.4	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0
85°	33.6	16.8	8.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	5.6	2.8	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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

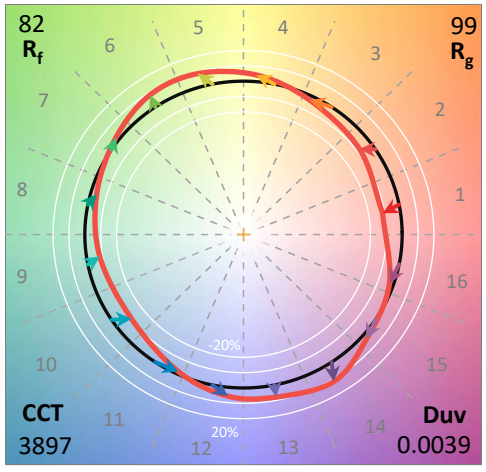
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-11
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-840-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3897
CIE u':	0.2249
CIE v':	0.5084
Duv:	0.0039
CIE x:	0.3882
CIE y:	0.3900
CIE z:	0.2218
Peak Wavelength (nm):	445
Dominant Wavelength (nm):	577
Purity:	33.54925
Rf:	81.8
Rg:	98.6

CRI (Ra):	80.2
R1:	78.9
R2:	83.5
R3:	88.3
R4:	82.1
R5:	78.8
R6:	78.4
R7:	85.8
R8:	65.8
R9:	6.7
R10:	61.9
R11:	81.9
R12:	58.9
R13:	79.2
R14:	93.2
R15:	71.9



Test Conditions

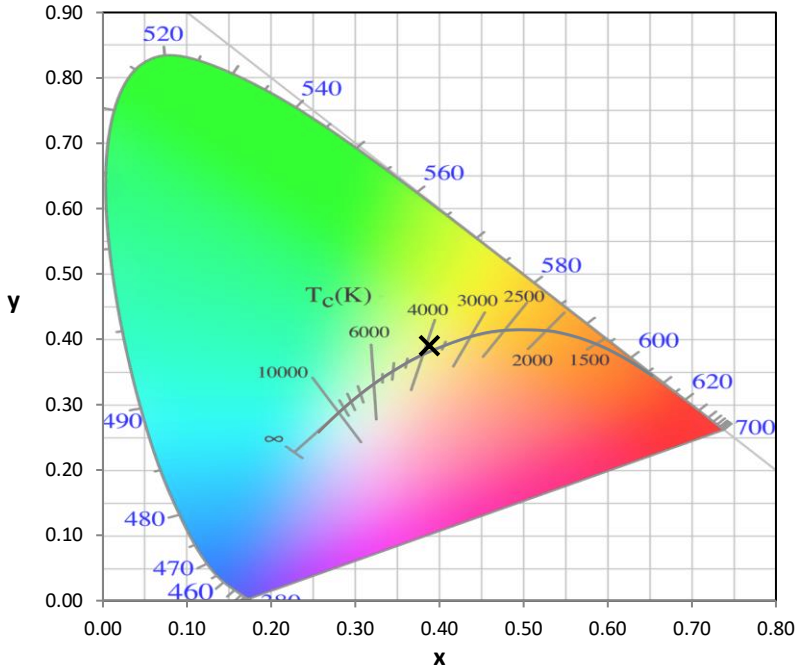
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

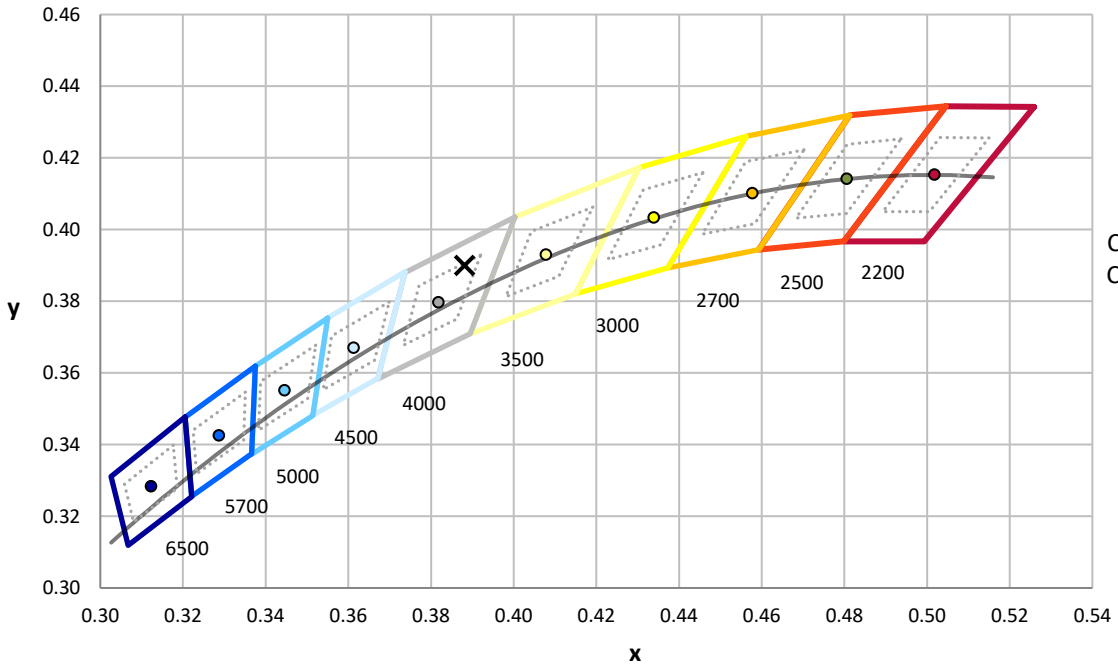
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



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

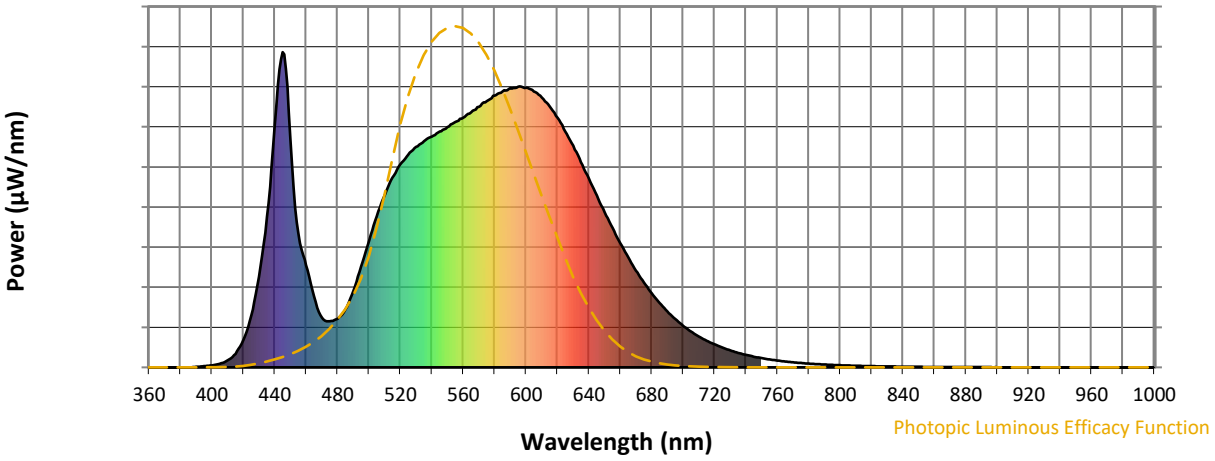


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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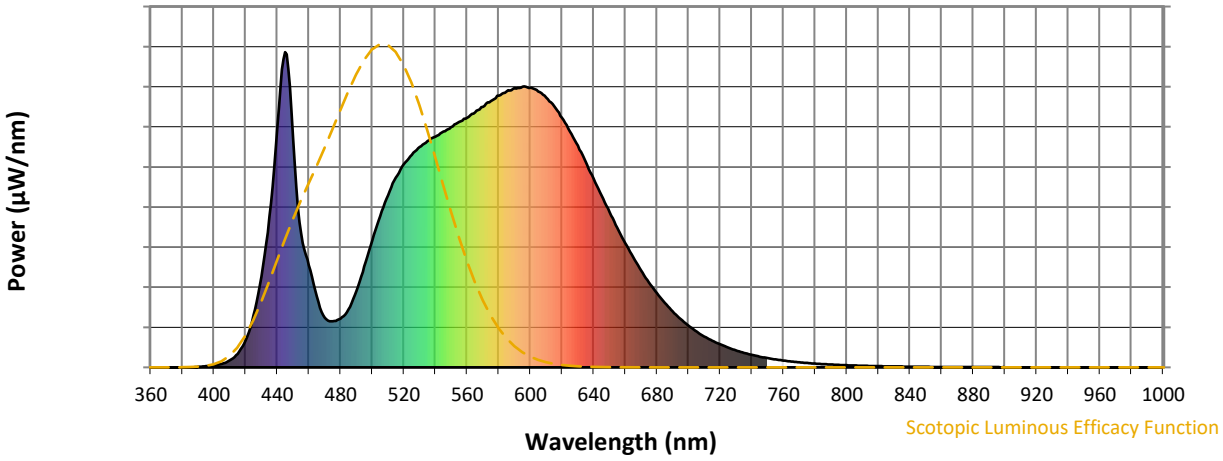
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.57**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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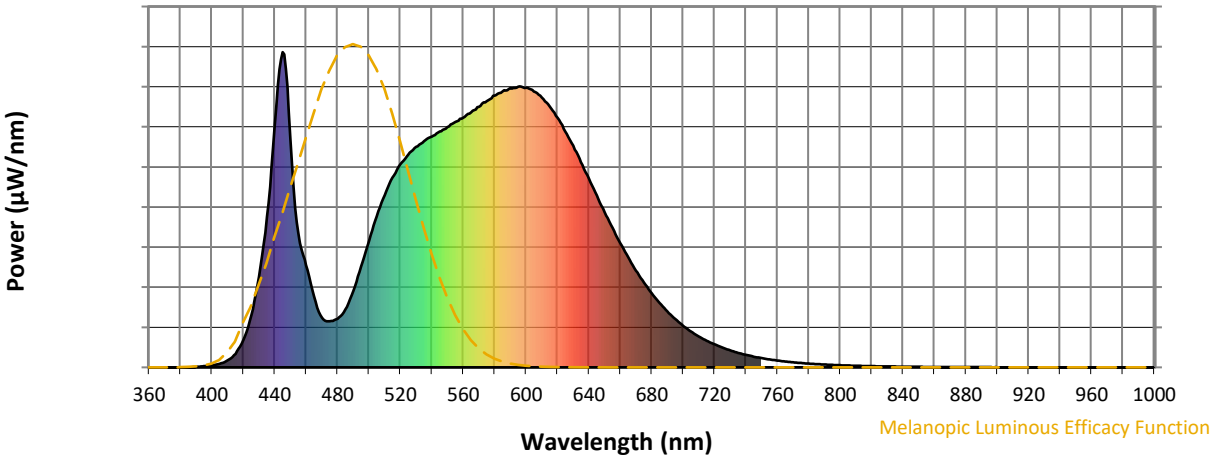
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.06**

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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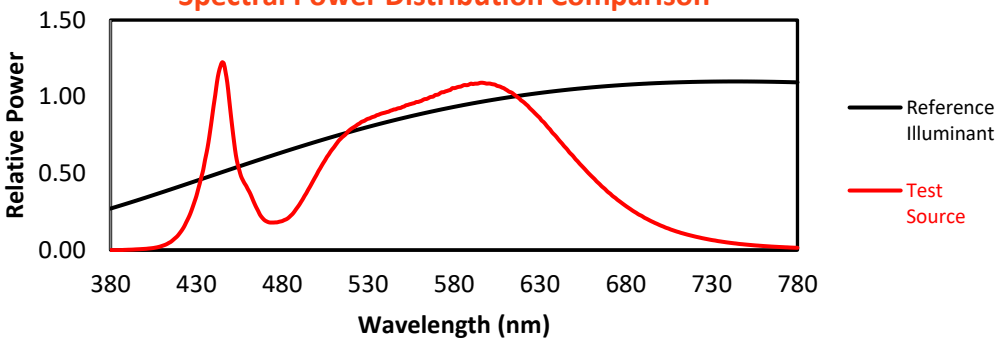
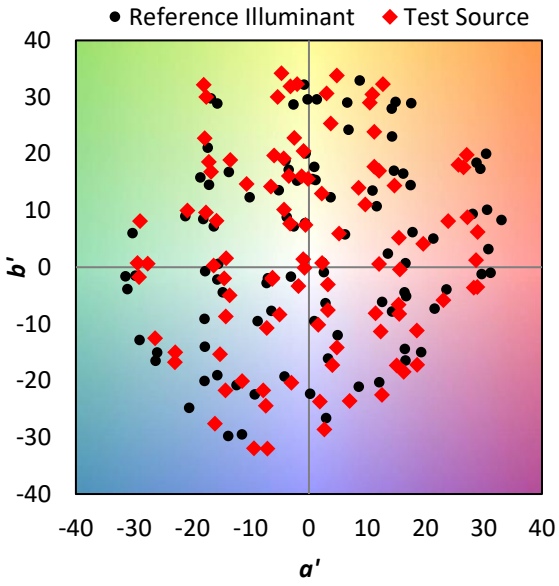
Summary

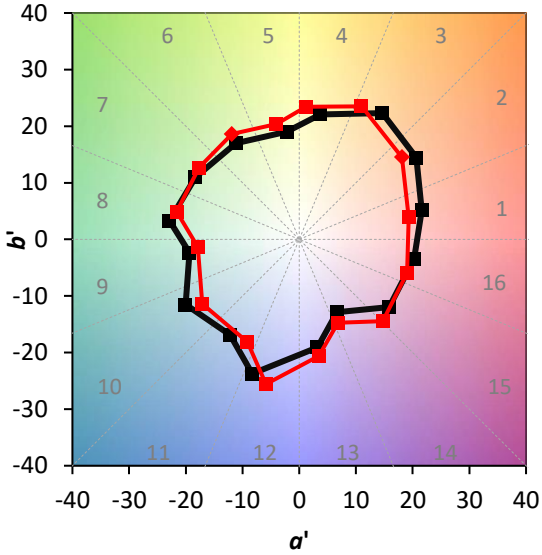
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

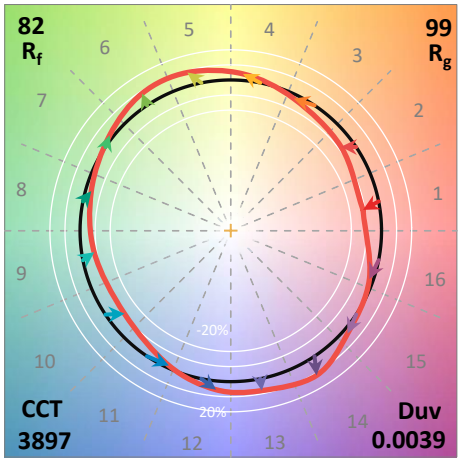
Spectral Power Distribution Comparison

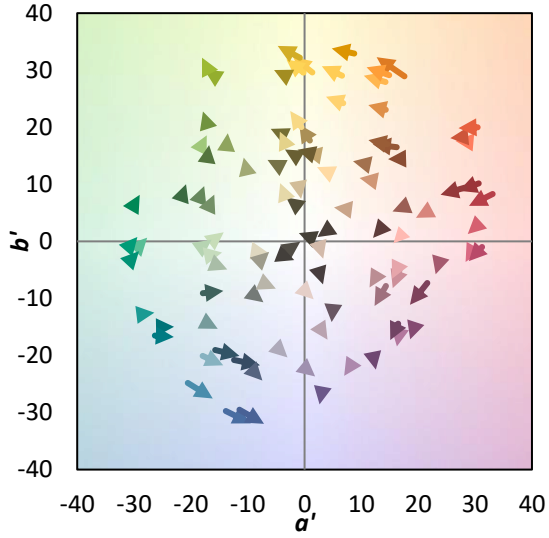


Color Vector Graphics









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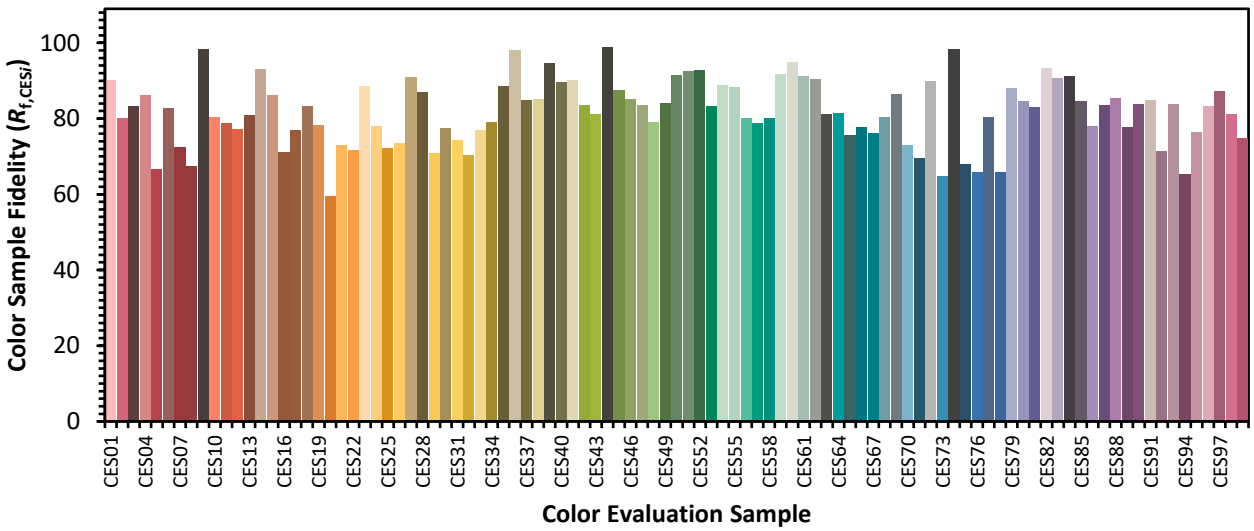
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



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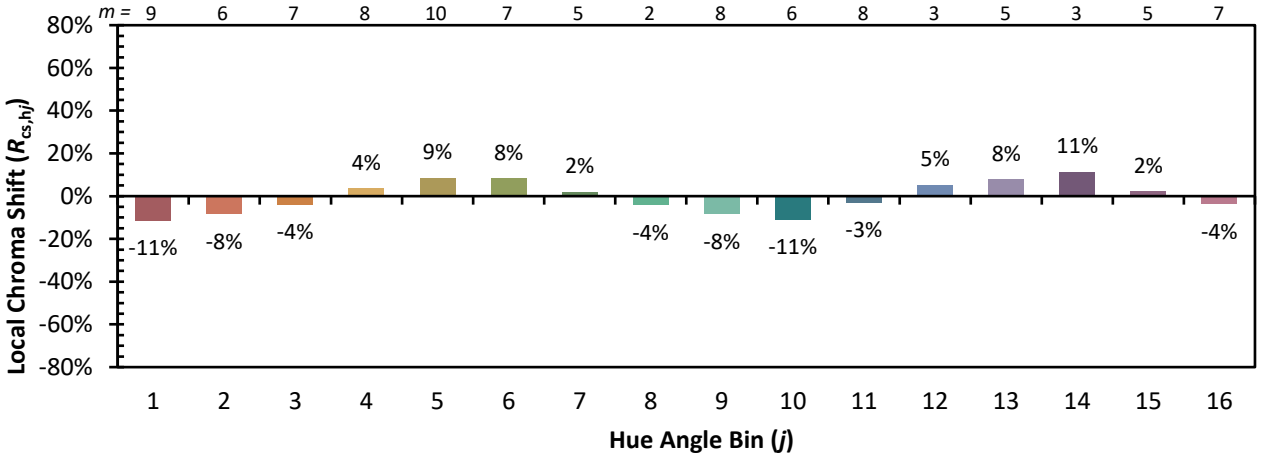
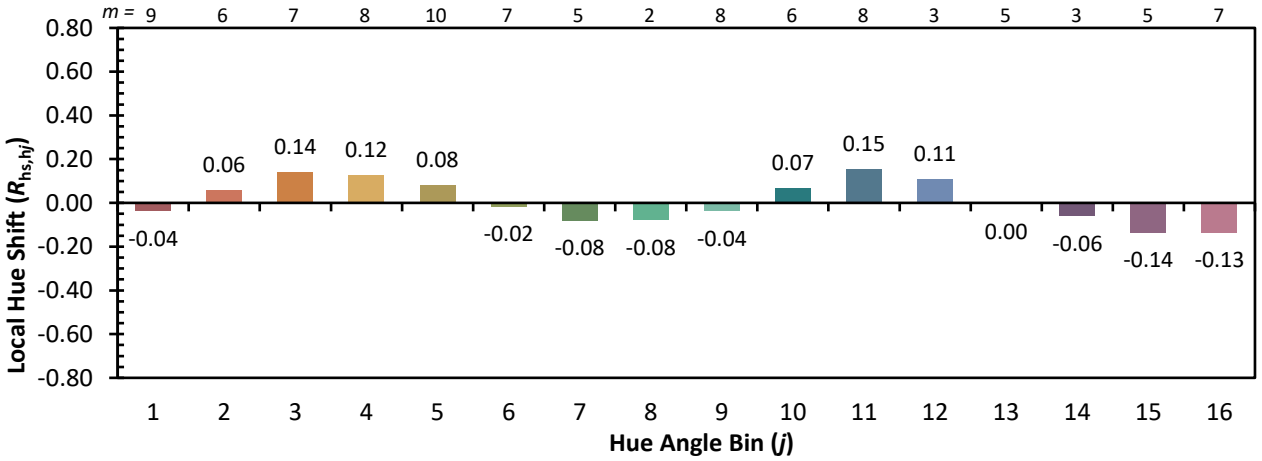
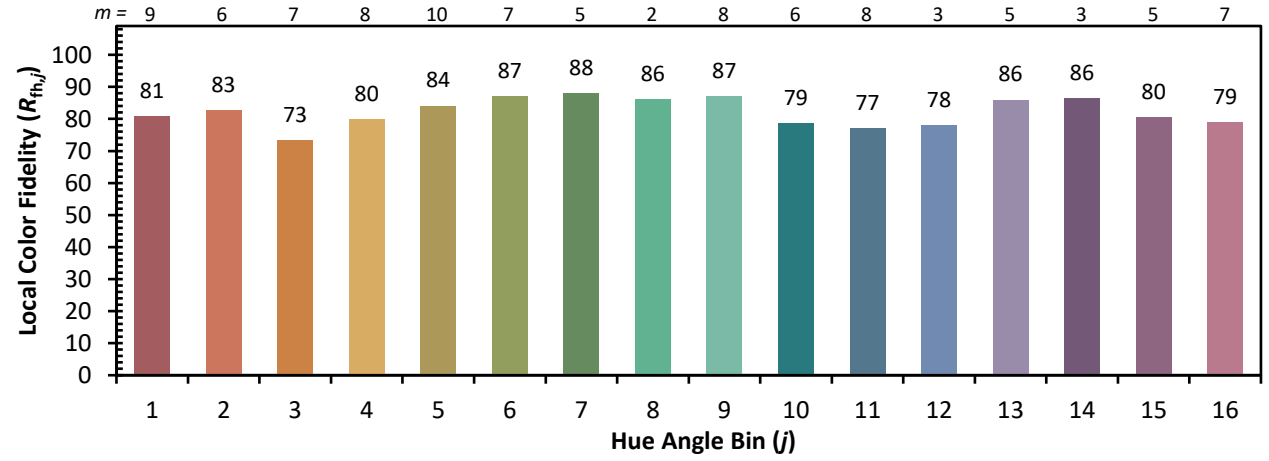
Color Rendition by Hue-Angle Bin







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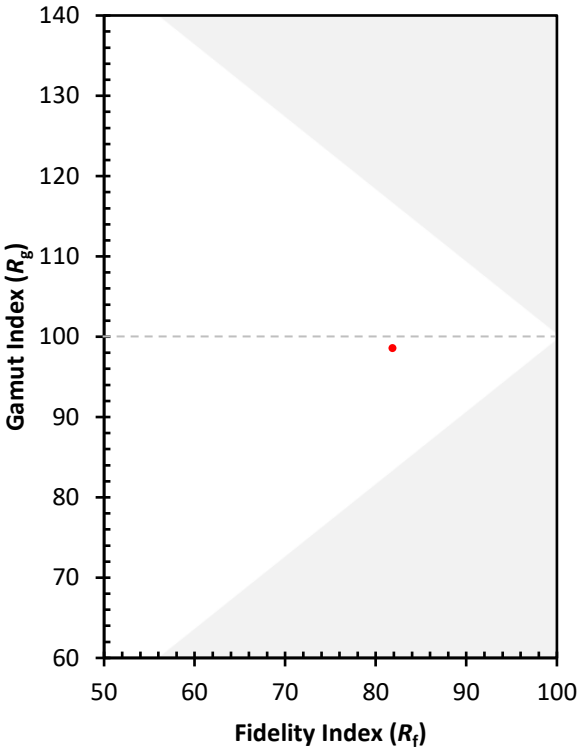
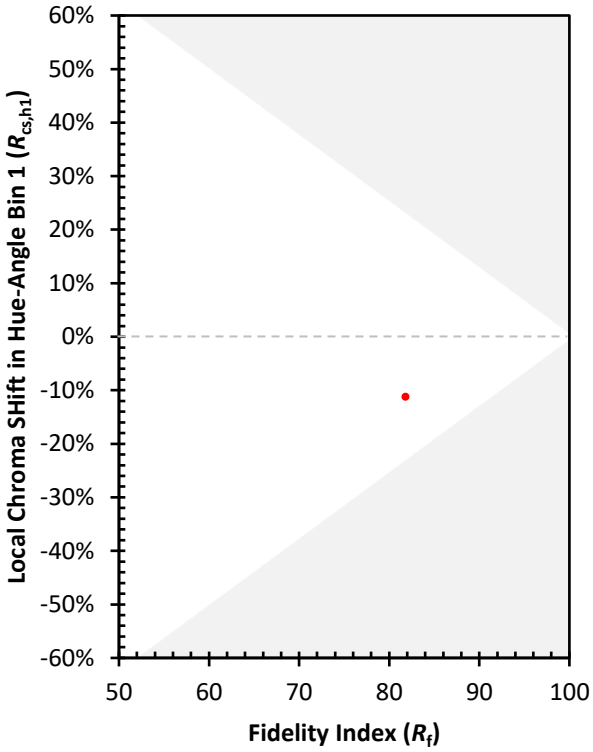
Measure Comparisons





(END OF REPORT)