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: P1456139

Luminaire Tested: GLAN-SB7A-840-U-T2LG

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:	P1456139
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7A-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	29516.6 lumens
Efficiency:	N/A
Efficacy:	148.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	199.1
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: P1456139
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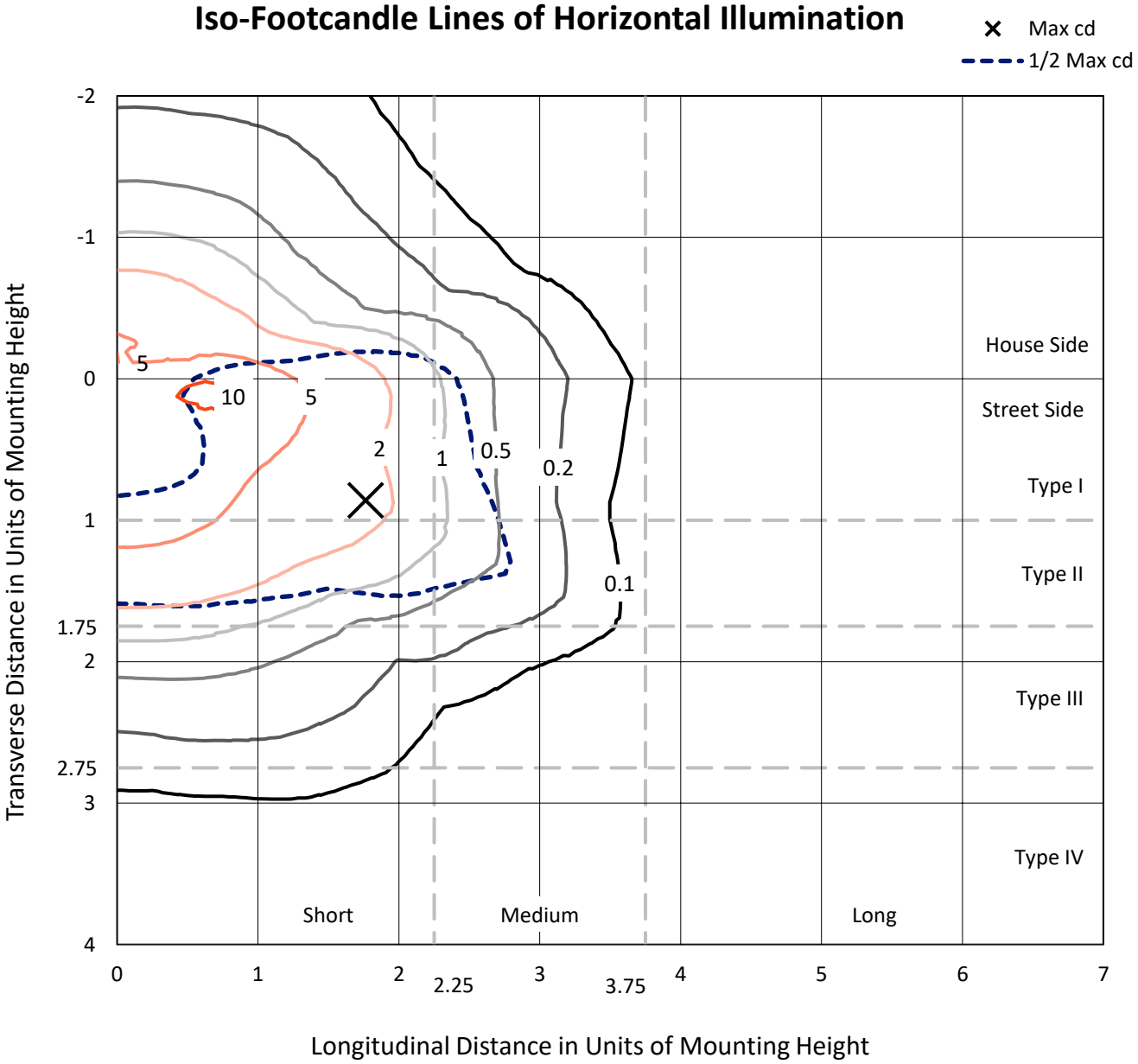
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 11.1 fc
Type II - Short - N/A

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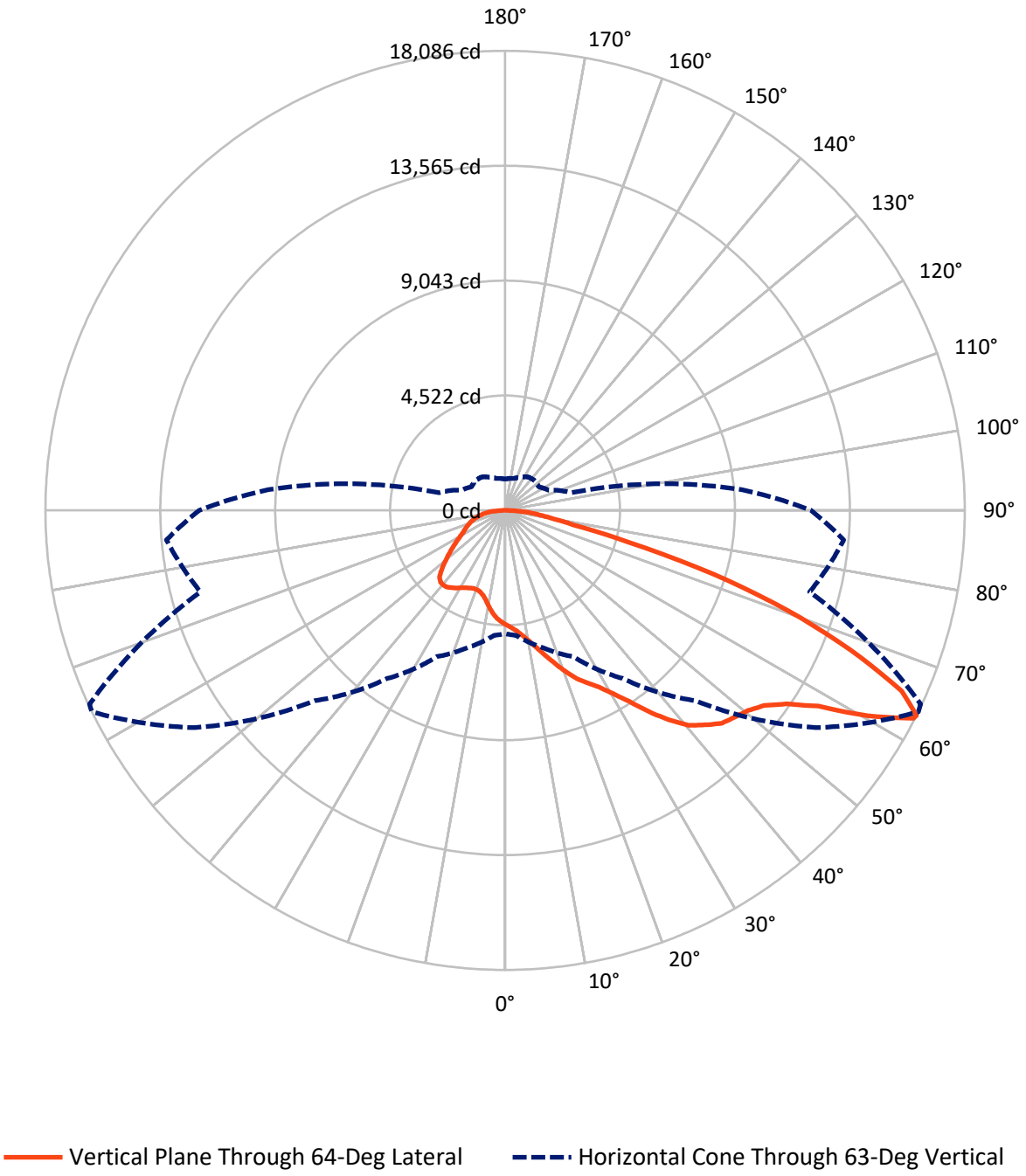
Luminous Intensity Polar Plot



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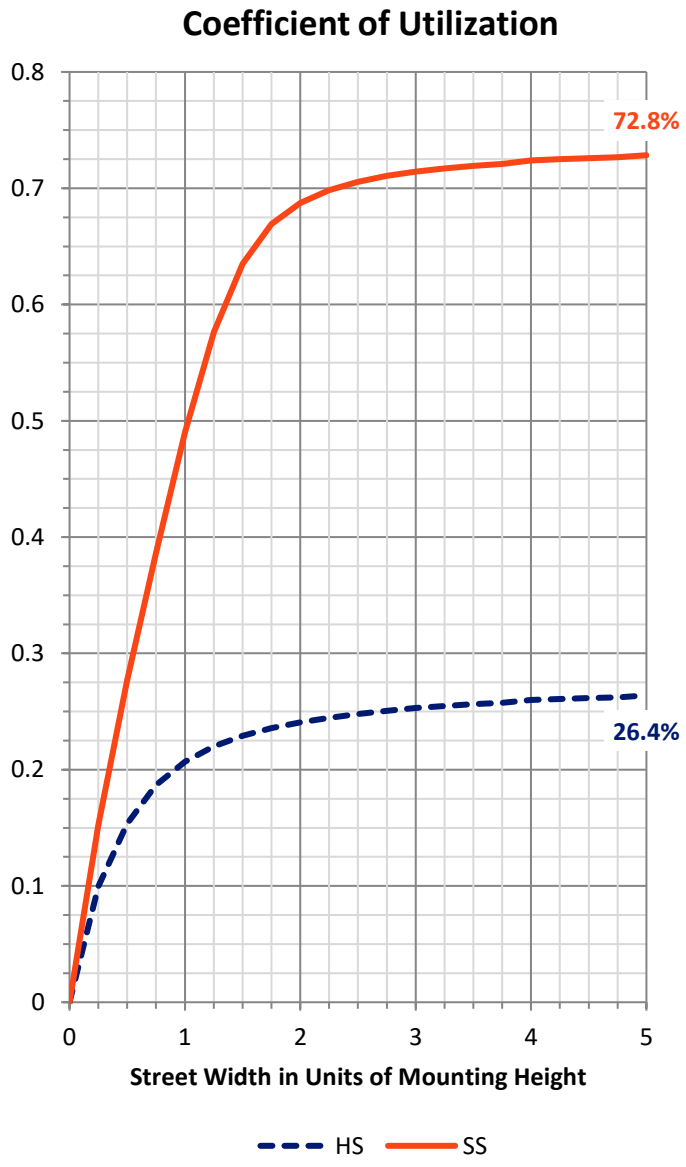
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7930.3	0.0	7930.3
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	21586.3	0.0	21586.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	29516.6	0.0	29516.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	412.7	1.4
10°-20°	1270.5	4.3
20°-30°	2323.4	7.9
30°-40°	3996.6	13.5
40°-50°	5893.9	20.0
50°-60°	7064.2	23.9
60°-70°	5669.7	19.2
70°-80°	2278.2	7.7
80°-90°	607.5	2.1
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°	29516.6	100.0
0°-180°	29516.6	100.0



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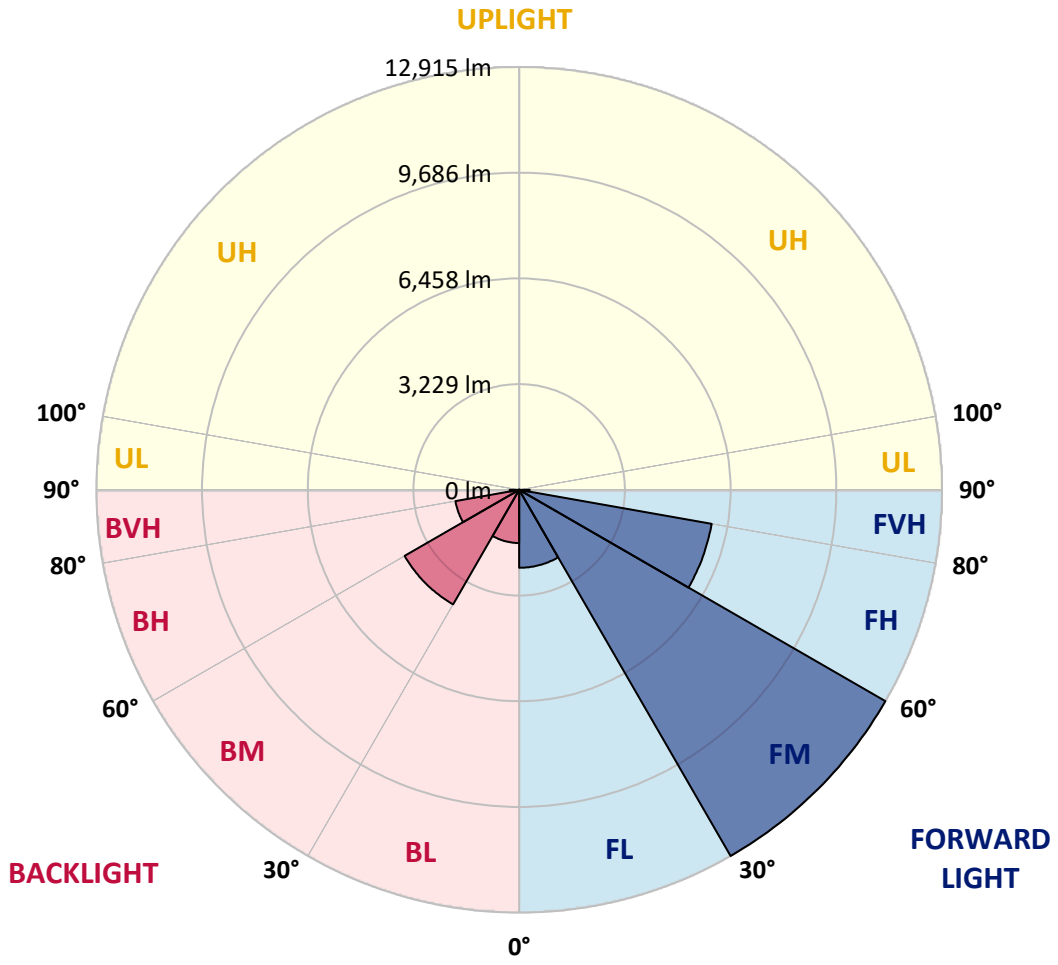
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2381.4	8.1			
FM	(30°-60°)	12915.1	43.8			
FH	(60°-80°)	5970.6	20.2			G3/7500
FVH	(80°-90°)	319.2	1.1			G3/500
BL	(0°-30°)	1625.2	5.5	B3/2500		
BM	(30°-60°)	4039.5	13.7	B3/5000		
BH	(60°-80°)	1977.3	6.7	B3/2500		G3/2500
BVH	(80°-90°)	288.3	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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REPORT NUMBER: P1456139
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	*4495.0*	4495.0	4495.0	4495.0
2.5°	4680.7	4687.3	4667.4	4660.8	4674.0	4647.5	4640.9	*4614.4*	4601.1	4574.6	4541.4
5°	4813.3	4819.9	4806.6	4806.6	4819.9	4800.0	4793.4	*4766.9*	4753.6	4727.1	4660.8
7.5°	4806.6	4813.3	4826.5	4879.6	4945.9	4972.4	4992.3	*4972.4*	4965.8	4926.0	4859.7
10°	4700.6	4707.2	4740.3	4819.9	4985.6	5105.0	5231.0	*5231.0*	5244.2	5211.1	5091.7
12.5°	4554.7	4561.3	4640.9	4766.9	4985.6	5191.2	5449.7	*5555.8*	5549.2	5529.3	5390.1
15°	4203.3	4203.3	4322.7	4561.3	4912.7	5250.8	5635.4	*5920.5*	5927.1	5947.0	5781.2
17.5°	3905.0	3911.6	4011.1	4223.2	4680.7	5217.7	5834.3	*6324.9*	6344.8	6457.5	6218.8
20°	3931.5	3931.5	3964.6	4057.5	4428.7	5085.1	5947.0	*6755.8*	6822.1	7087.3	6789.0
22.5°	4137.0	4137.0	4163.5	4156.9	4382.3	4998.9	6019.9	*7186.8*	7306.1	7856.4	7471.8
25°	4514.9	4508.3	4481.8	4442.0	4574.6	5091.7	6185.6	*7518.2*	7750.3	8705.0	8260.8
27.5°	4979.0	4965.8	4926.0	4859.7	4952.5	5370.2	6470.7	*7869.6*	8121.6	9633.2	9096.2
30°	5555.8	5516.0	5476.3	5390.1	5489.5	5827.6	6895.0	*8366.9*	8605.5	10687.3	10103.9
32.5°	6238.7	6285.1	6152.5	6033.2	6139.2	6450.8	7524.9	*8956.9*	9215.5	11787.9	11151.4
35°	7259.7	7398.9	7359.1	6755.8	6855.3	7200.0	8260.8	*9719.4*	9951.4	12789.0	12225.4
37.5°	8267.4	8234.3	8267.4	7763.6	7604.4	8022.1	9049.7	*10448.6*	10674.1	13604.5	13173.5
40°	9076.3	9175.7	9175.7	8764.7	8559.1	8837.6	9765.8	*11118.3*	11337.0	14055.3	13856.4
42.5°	9958.0	9971.3	9944.8	9586.8	9507.2	9580.1	10395.6	*11542.6*	11721.6	14287.3	14320.5
45°	10952.5	10945.9	10833.2	10534.8	10415.5	10349.2	10786.8	*11953.6*	12132.6	14393.4	14572.4
47.5°	11774.6	11807.8	11814.4	11496.2	11297.3	11012.2	11124.9	*12159.1*	12364.7	14274.1	14625.4
50°	11821.0	11874.1	12126.0	12218.8	12179.0	11721.6	11436.5	*12377.9*	12583.5	14300.6	14817.7
52.5°	11529.3	11582.3	11907.2	12291.7	12755.8	12537.0	11927.1	*12755.8*	12968.0	14559.1	15255.3
55°	10747.0	10833.2	11317.2	11854.2	12682.9	12994.5	12795.6	*13438.7*	13637.6	14764.7	15765.8
57.5°	9354.7	9460.8	10130.4	10985.7	12119.4	12888.4	14055.3	*14532.6*	14698.4	14910.5	15772.4
60°	6994.5	7080.7	8128.2	9281.8	10985.7	12225.4	14804.5	*16408.9*	16501.7	14121.6	14877.4
62.5°	5151.4	5237.6	5940.3	6769.1	8632.1	11005.5	14950.3	*18033.2*	18046.4	12696.2	13644.2
63°	*4853.0*	*4939.2*	*5575.7*	*6351.4*	*8075.2*	*10594.5*	*14903.9*	*18086.2*	*18039.8*	*12404.4*	*13372.4*
65°	3779.0	3931.5	4594.5	5184.5	6053.1	8433.2	14307.2	*17144.8*	17211.1	11542.6	12006.7
67.5°	2572.4	2685.1	3527.1	4210.0	4574.6	5370.2	11734.8	*14671.9*	14777.9	10647.5	9580.1
70°	1989.0	2042.0	2532.6	3334.8	3699.5	3414.4	7650.8	*11814.4*	11814.4	8313.8	6789.0
72.5°	1558.0	1577.9	1909.4	2605.5	2976.8	2625.4	4263.0	*8592.3*	8274.1	4932.6	4528.2
75°	1113.8	1140.3	1438.7	1942.5	2373.5	2068.5	2724.9	*5005.5*	4813.3	2837.6	3023.2
77.5°	881.8	895.0	1074.0	1432.0	1922.7	1577.9	2075.1	*2731.5*	2705.0	1995.6	1942.5
80°	696.1	722.7	842.0	1027.6	1485.1	1233.2	1544.8	*1803.3*	1750.3	1372.4	1246.4
82.5°	497.2	543.6	649.7	782.3	1100.6	881.8	1014.4	*1272.9*	1272.9	1034.3	822.1
85°	305.0	344.8	384.5	484.0	782.3	570.2	537.0	*822.1*	842.0	775.7	530.4
87.5°	145.9	159.1	185.6	205.5	285.1	258.6	212.2	*311.6*	318.2	344.8	218.8
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: P1456139
CATALOG NUMBER: GLAN-SB7A-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0	4495.0
2.5°	4534.8	4521.6	4455.3	4389.0	4316.0	4249.7	4183.4	4130.4	4070.7	4084.0	4090.6
5°	4621.0	4587.9	4442.0	4269.6	4044.2	3832.1	3626.5	3480.7	3387.9	3361.3	3308.3
7.5°	4806.6	4727.1	4461.9	4097.2	3679.6	3348.1	3155.8	3069.6	3043.1	3049.7	3036.5
10°	5018.8	4899.5	4488.4	3891.7	3361.3	3135.9	3109.4	3162.4	3189.0	3215.5	3222.1
12.5°	5297.2	5105.0	4475.1	3666.3	3208.8	3169.1	3268.5	3368.0	3427.6	3467.4	3460.8
15°	5622.1	5363.5	4435.4	3480.7	3189.0	3295.0	3421.0	3533.7	3606.6	3646.4	3626.5
17.5°	6013.3	5668.5	4389.0	3361.3	3248.6	3374.6	3507.2	3619.9	3699.5	3726.0	3706.1
20°	6497.3	6013.3	4309.4	3308.3	3295.0	3407.7	3527.1	3633.2	3699.5	3726.0	3699.5
22.5°	7067.4	6424.3	4243.1	3308.3	3314.9	3407.7	3493.9	3573.5	3633.2	3653.0	3619.9
25°	7796.7	6901.7	4216.6	3361.3	3321.6	3374.6	3421.0	3467.4	3500.6	3513.8	3500.6
27.5°	8539.2	7452.0	4229.8	3427.6	3314.9	3328.2	3328.2	3334.8	3341.4	3348.1	3341.4
30°	9394.5	8008.9	4282.9	3513.8	3328.2	3261.9	3242.0	3202.2	3169.1	3142.5	3116.0
32.5°	10223.2	8539.2	4375.7	3639.8	3314.9	3189.0	3149.2	3049.7	2956.9	2877.4	2877.4
35°	11118.3	9089.5	4541.4	3732.6	3301.7	3122.7	3010.0	2897.2	2797.8	2685.1	2685.1
37.5°	11887.3	9560.2	4674.0	3838.7	3288.4	3043.1	2864.1	2738.1	2632.1	2519.3	2506.1
40°	12424.3	9832.1	4753.6	3878.5	3242.0	2937.0	2724.9	2565.8	2413.3	2260.8	2254.1
42.5°	12682.9	9818.8	4707.2	3865.2	3155.8	2804.4	2605.5	2393.4	2187.9	2048.6	2035.4
45°	12822.1	9732.6	4528.2	3752.5	3016.6	2665.2	2453.0	2227.6	2022.1	1896.1	1869.6
47.5°	12795.6	9520.5	4282.9	3474.0	2830.9	2512.7	2300.6	2068.5	1902.8	1829.8	1829.8
50°	12868.5	9354.7	4004.4	3155.8	2579.0	2333.7	2161.3	1949.2	1849.7	1756.9	1723.8
52.5°	13193.4	9493.9	3765.8	2857.5	2340.3	2161.3	2042.0	1863.0	1737.0	1677.4	1657.5
55°	13624.3	9792.3	3540.3	2592.3	2108.3	2008.8	1949.2	1783.4	1637.6	1577.9	1544.8
57.5°	13703.9	9997.8	3321.6	2333.7	1916.0	1889.5	1869.6	1644.2	1524.9	1478.5	1451.9
60°	13153.6	9845.3	3036.5	2101.7	1763.5	1776.8	1723.8	1558.0	1418.8	1372.4	1345.9
62.5°	12218.8	9447.5	2751.4	1902.8	1644.2	1670.7	1617.7	1451.9	1312.7	1266.3	1253.0
63°	*12033.2*	*9341.5*	*2685.1*	*1882.9*	*1617.7*	*1650.8*	*1604.4*	*1438.7*	*1299.5*	*1253.0*	*1233.2*
65°	10926.0	8705.0	2453.0	1776.8	1531.5	1531.5	1538.1	1372.4	1253.0	1233.2	1219.9
67.5°	8910.5	7266.3	2201.1	1650.8	1438.7	1458.6	1491.7	1398.9	1352.5	1339.2	1326.0
70°	6735.9	5469.6	1982.3	1531.5	1339.2	1405.5	1630.9	1591.2	1418.8	1299.5	1272.9
72.5°	4773.5	3726.0	1790.1	1412.2	1219.9	1385.6	1690.6	1518.2	1279.6	1140.3	1113.8
75°	3195.6	2400.0	1597.8	1286.2	1087.3	1279.6	1597.8	1385.6	1113.8	1080.7	1040.9
77.5°	2008.8	1710.5	1405.5	1140.3	941.4	1140.3	1451.9	1233.2	961.3	974.6	914.9
80°	1226.5	1219.9	1180.1	968.0	755.8	908.3	1219.9	1040.9	769.1	769.1	682.9
82.5°	729.3	881.8	1001.1	802.2	550.3	649.7	881.8	782.3	643.1	623.2	583.4
85°	490.6	596.7	795.6	616.6	351.4	397.8	609.9	656.4	590.1	517.1	484.0
87.5°	179.0	238.7	364.6	251.9	152.5	238.7	457.5	477.3	358.0	278.5	251.9
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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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

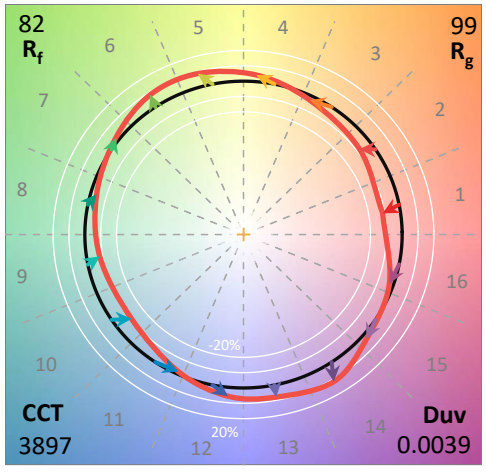
Test Information

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

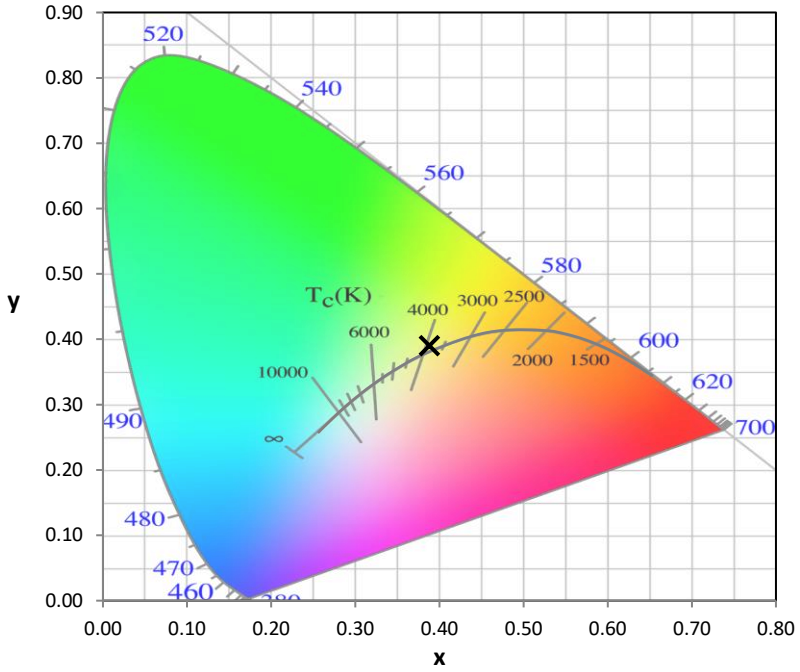
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

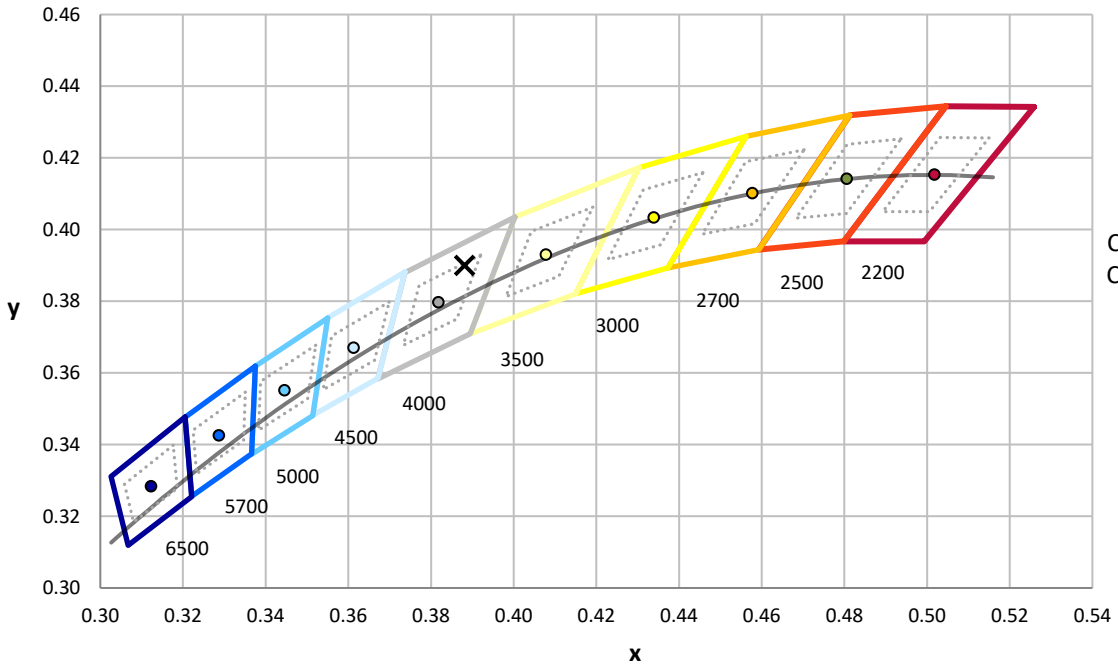
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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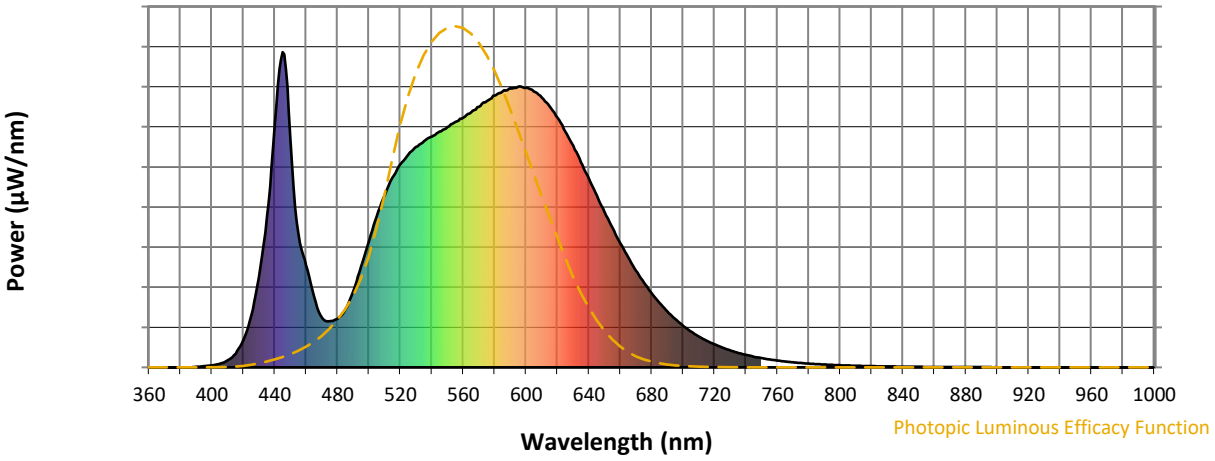
Photopic Flux vs. Wavelength



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	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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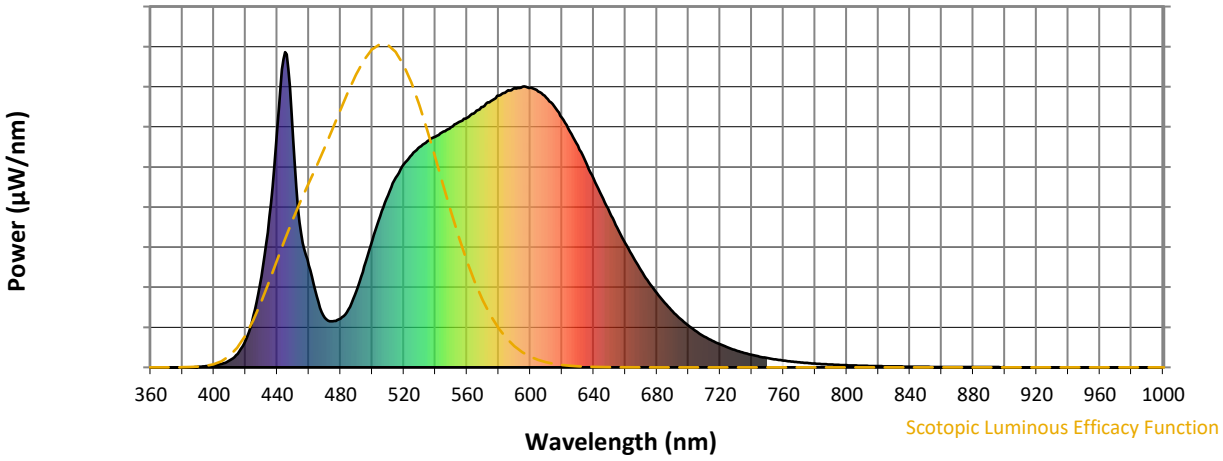
Scotopic Flux vs. Wavelength



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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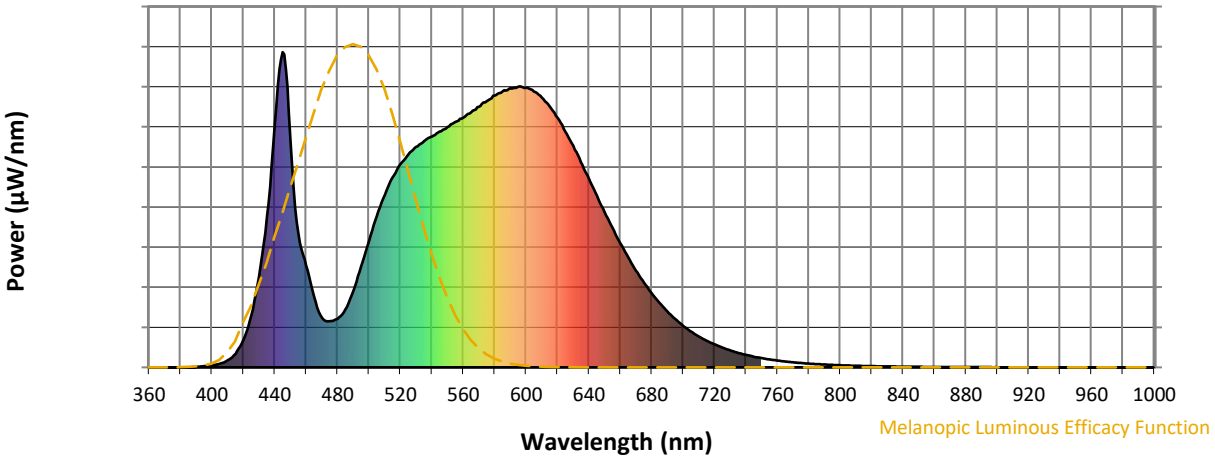
Melanopic Flux vs. Wavelength



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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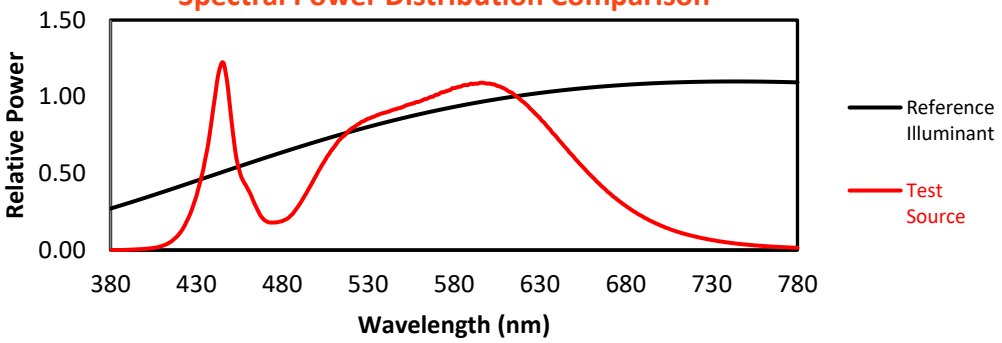
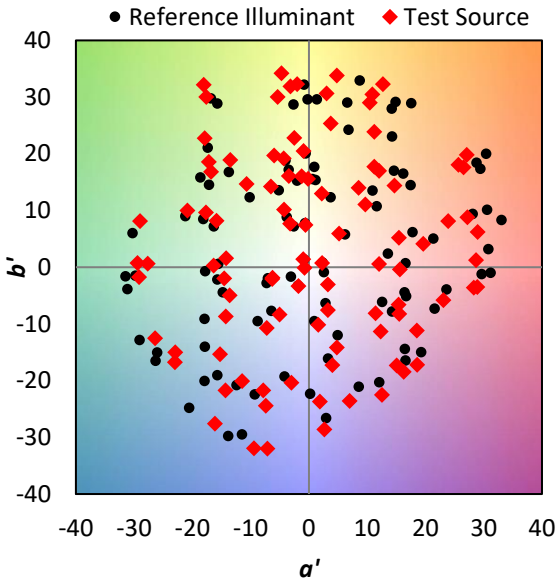
Summary

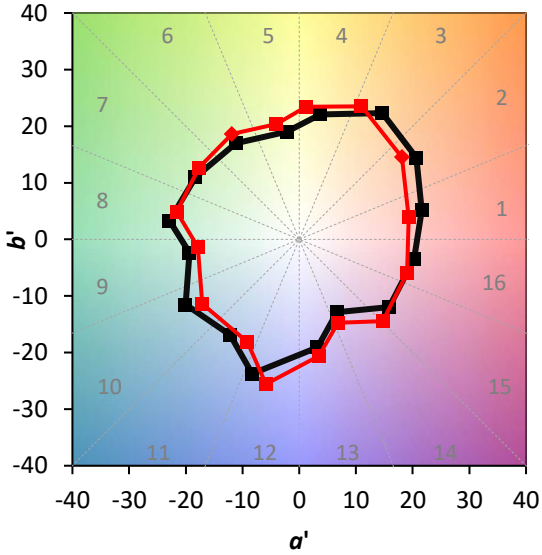
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

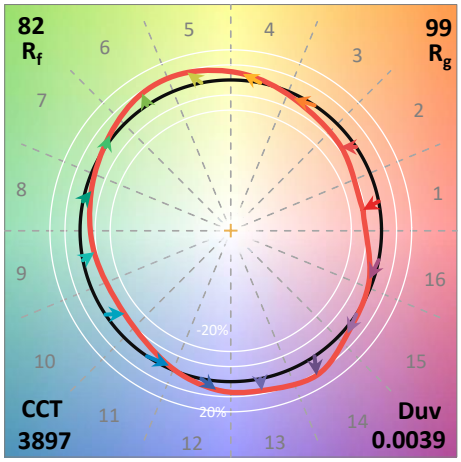
Spectral Power Distribution Comparison

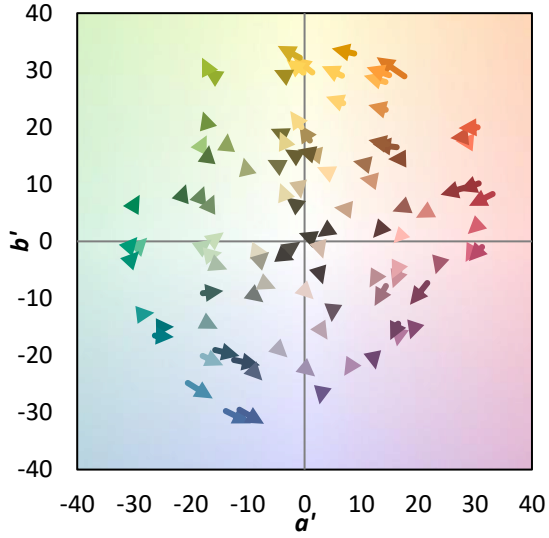


Color Vector Graphics









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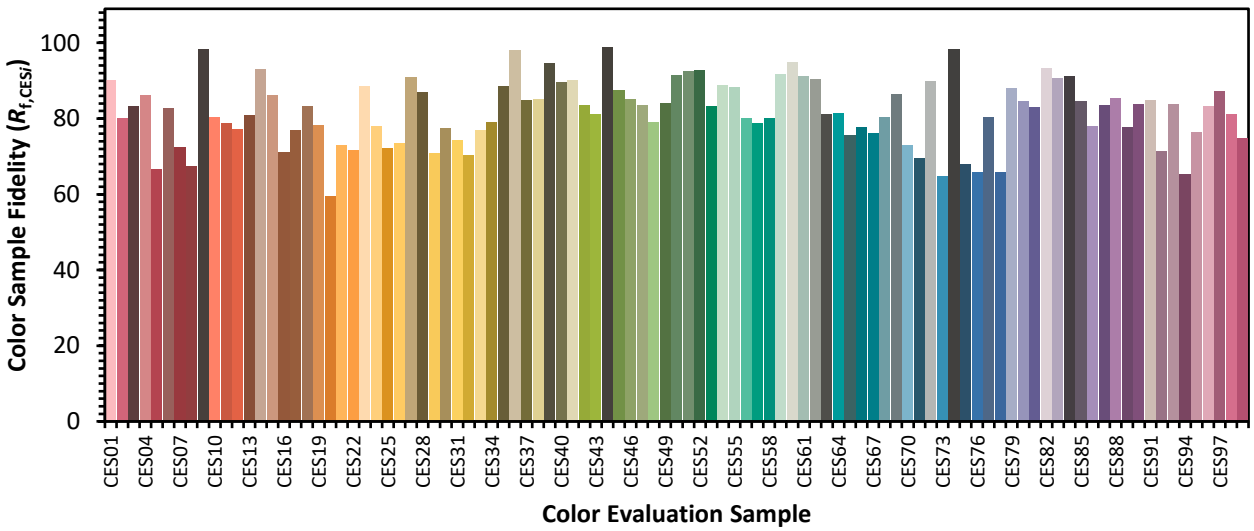
Individual Sample Fidelity Index ($R_{f,i}$)

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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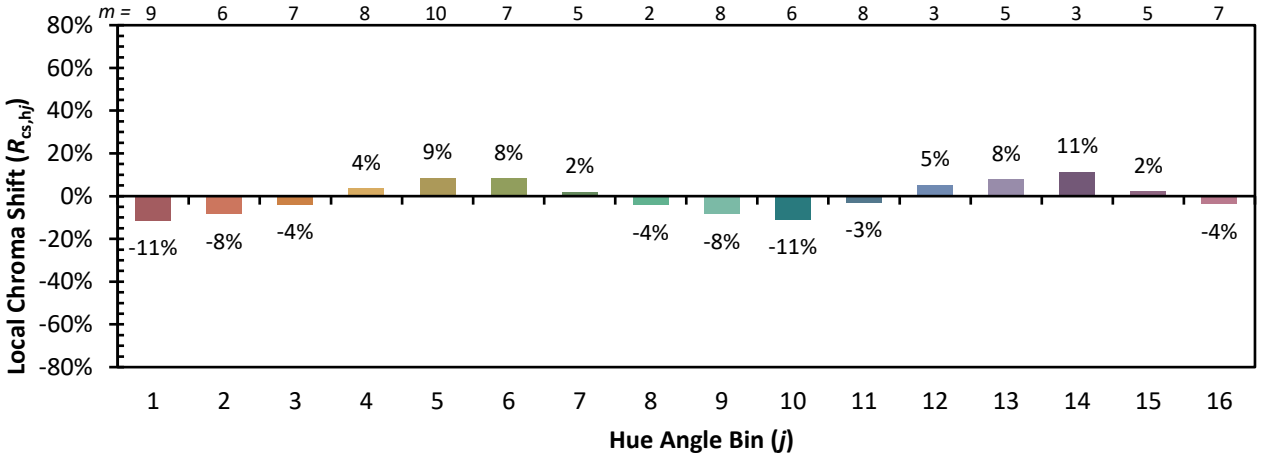
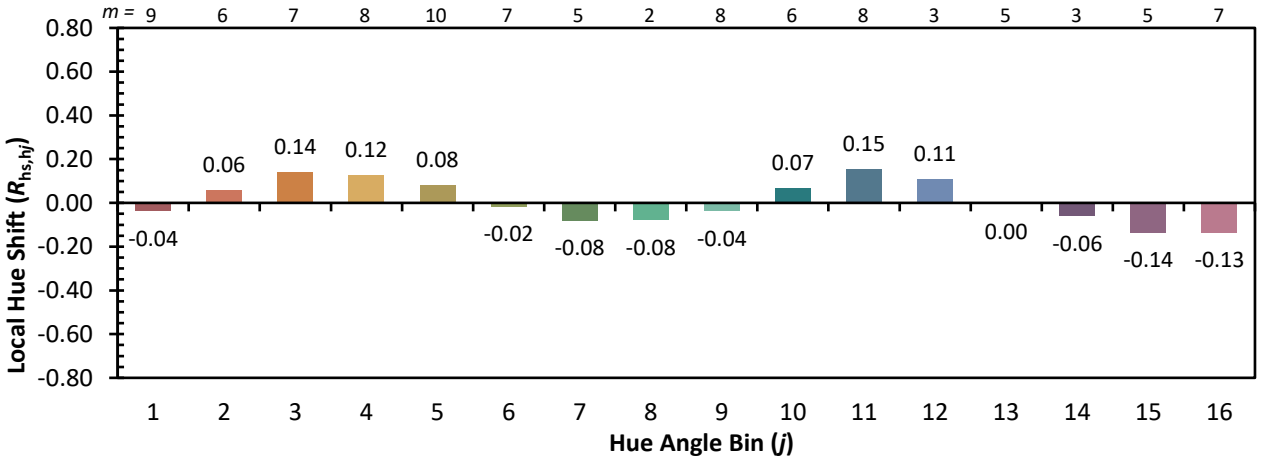
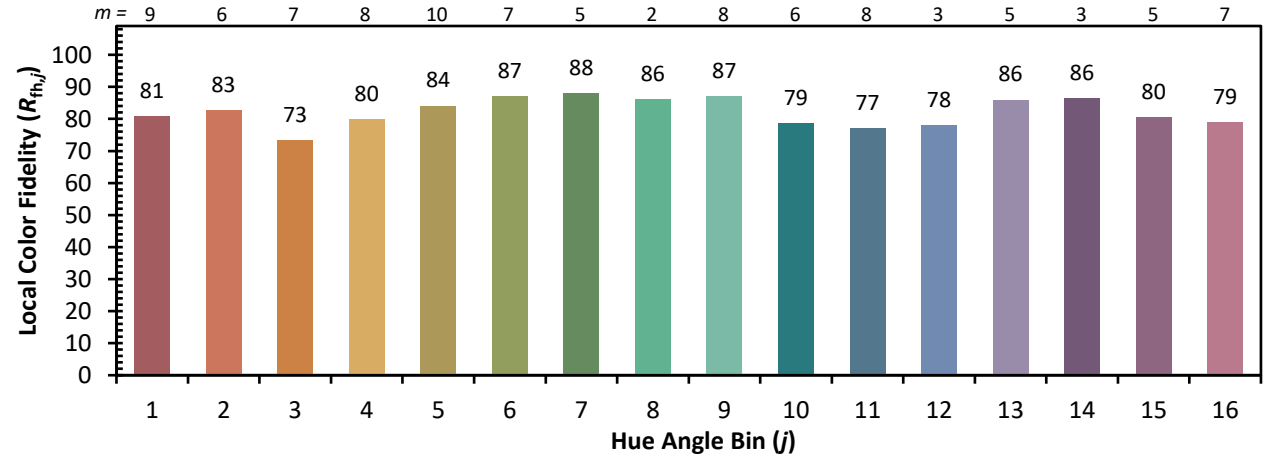
Color Rendition by Hue-Angle Bin







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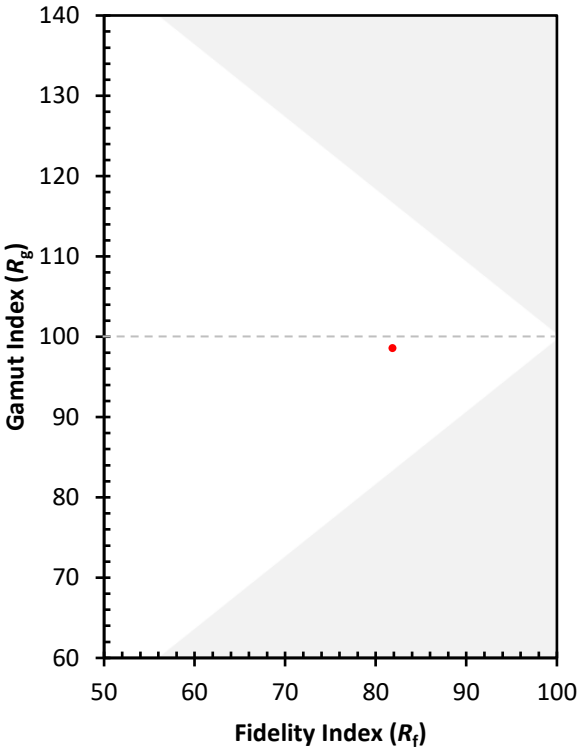
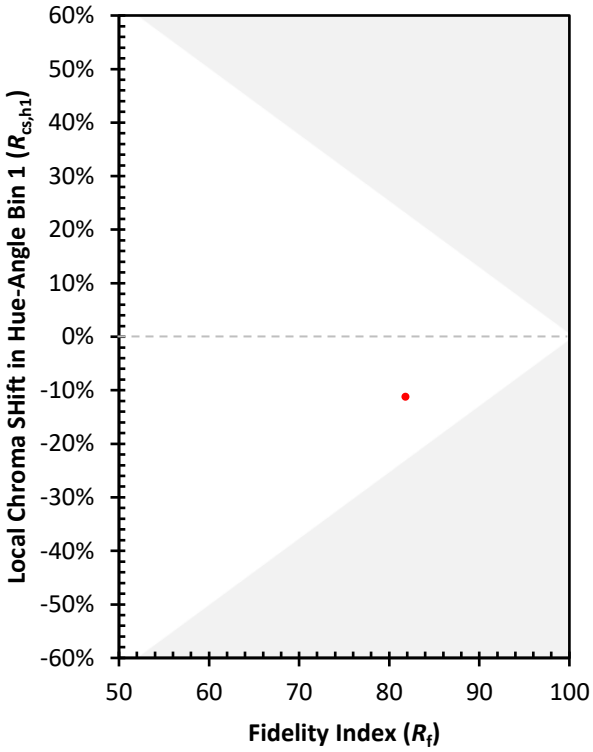
Measure Comparisons





(END OF REPORT)