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: P1456141

Luminaire Tested: GLAN-SB7C-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:	P1456141
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7C-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 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:	49278.7 lumens
Efficiency:	N/A
Efficacy:	140.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B4 - U0 - G4

Input Watts (W):	350.5
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: P1456141
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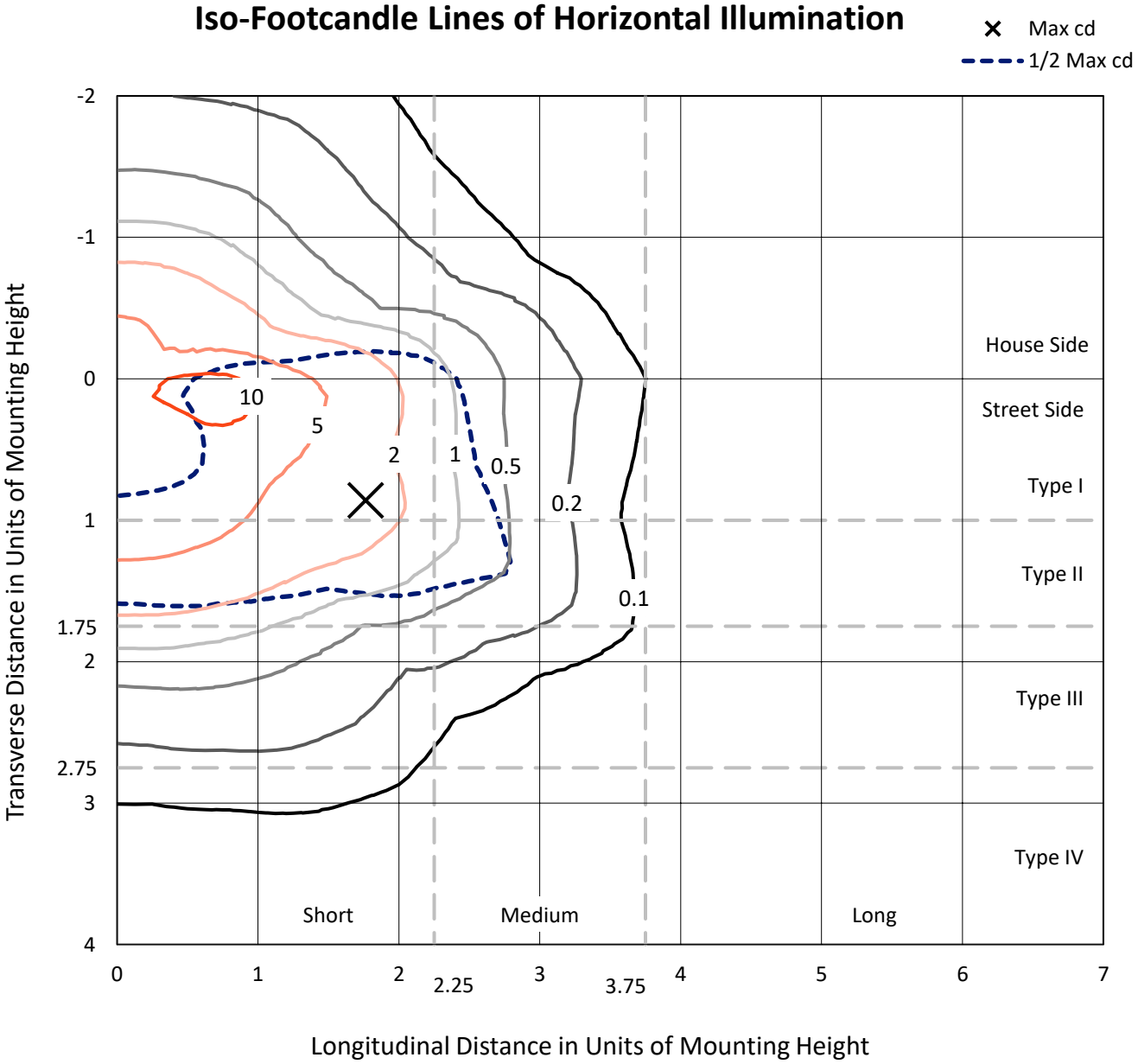
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 12.9 fc
Type II - Short - N/A

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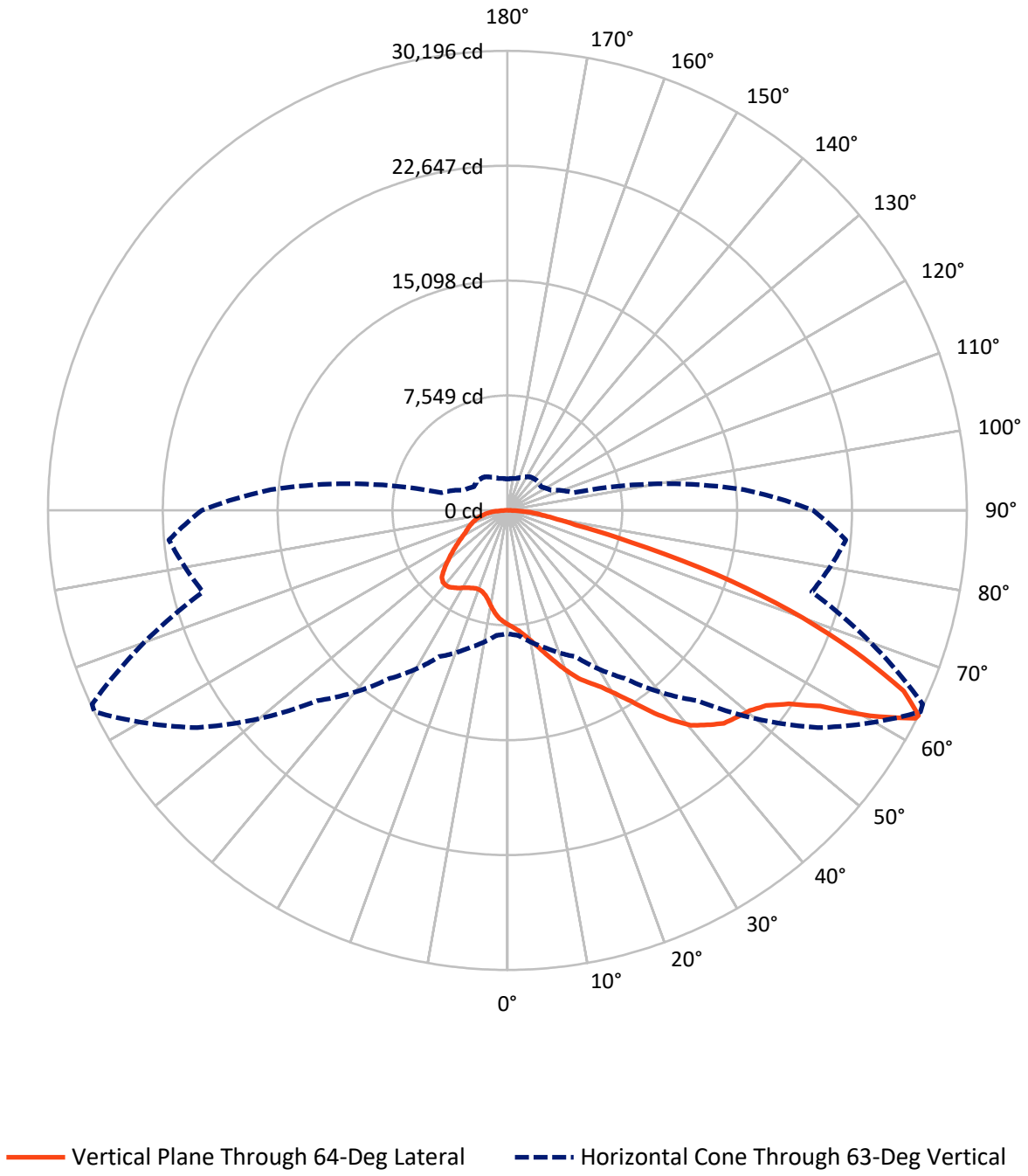
Luminous Intensity Polar Plot



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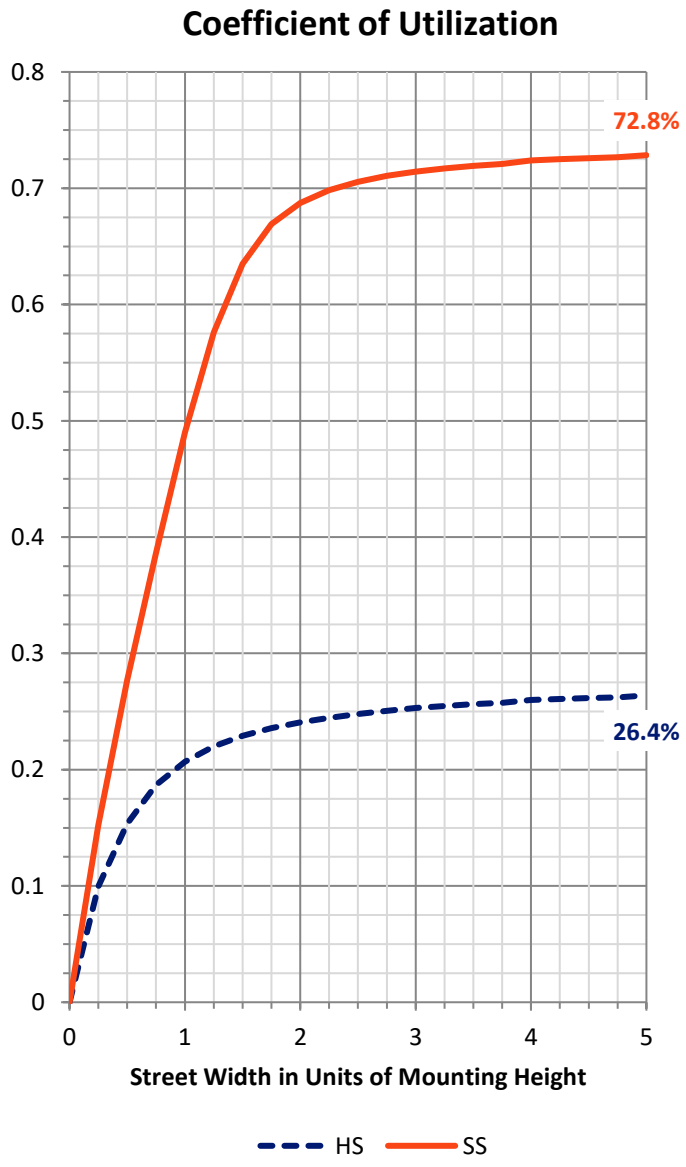
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13239.8	0.0	13239.8
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	36038.9	0.0	36038.9
	% Fixture	73.1	0.0	73.1
Total	Lumens	49278.7	0.0	49278.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	689.0	1.4
10°-20°	2121.2	4.3
20°-30°	3878.9	7.9
30°-40°	6672.4	13.5
40°-50°	9840.0	20.0
50°-60°	11793.8	23.9
60°-70°	9465.7	19.2
70°-80°	3803.6	7.7
80°-90°	1014.2	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°	49278.7	100.0
0°-180°	49278.7	100.0



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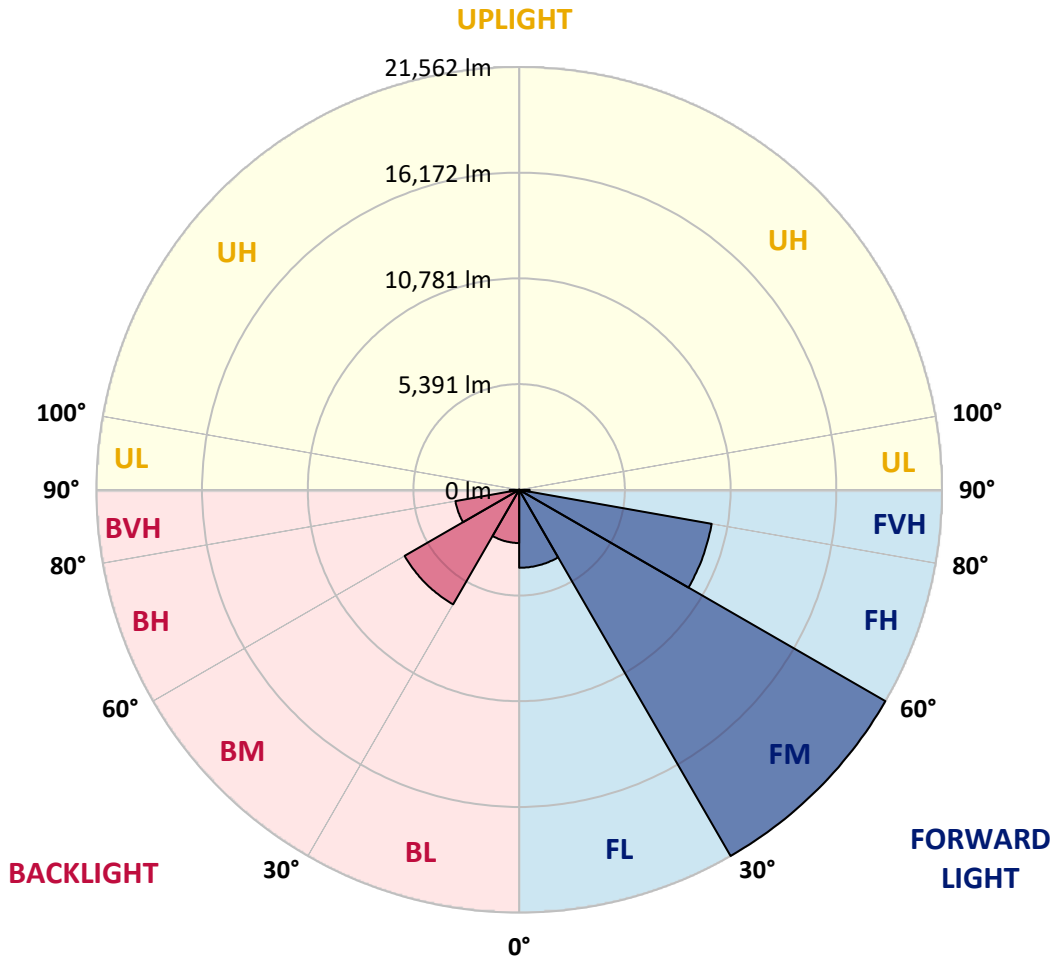
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3975.9	8.1			
FM	(30°-60°)	21562.0	43.8			
FH	(60°-80°)	9968.1	20.2			G4/12000
FVH	(80°-90°)	532.9	1.1			G4/750
BL	(0°-30°)	2713.3	5.5	B4/5000		
BM	(30°-60°)	6744.1	13.7	B4/8500		
BH	(60°-80°)	3301.1	6.7	B4/5000		G4/5000
BVH	(80°-90°)	481.3	1.0			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G4
Type II Short



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REPORT NUMBER: P1456141
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	*7504.6*	7504.6	7504.6	7504.6
2.5°	7814.5	7825.6	7792.4	7781.3	7803.4	7759.2	7748.1	*7703.8*	7681.7	7637.4	7582.1
5°	8035.9	8047.0	8024.8	8024.8	8047.0	8013.7	8002.7	*7958.4*	7936.3	7892.0	7781.3
7.5°	8024.8	8035.9	8058.0	8146.6	8257.3	8301.5	8334.7	*8301.5*	8290.5	8224.1	8113.4
10°	7847.7	7858.8	7914.1	8047.0	8323.7	8522.9	8733.2	*8733.2*	8755.4	8700.0	8500.8
12.5°	7604.2	7615.3	7748.1	7958.4	8323.7	8666.8	9098.5	*9275.6*	9264.5	9231.3	8998.9
15°	7017.6	7017.6	7216.8	7615.3	8201.9	8766.4	9408.4	*9884.4*	9895.4	9928.6	9651.9
17.5°	6519.5	6530.5	6696.6	7050.8	7814.5	8711.1	9740.5	*10559.6*	10592.8	10780.9	10382.5
20°	6563.7	6563.7	6619.1	6774.1	7393.9	8489.7	9928.6	*11279.0*	11389.7	11832.5	11334.4
22.5°	6906.9	6906.9	6951.2	6940.1	7316.4	8345.8	10050.4	*11998.5*	12197.7	13116.4	12474.4
25°	7537.8	7526.7	7482.5	7416.0	7637.4	8500.8	10327.1	*12551.9*	12939.3	14533.2	13791.6
27.5°	8312.6	8290.5	8224.1	8113.4	8268.3	8965.7	10803.1	*13138.6*	13559.2	16082.8	15186.3
30°	9275.6	9209.2	9142.8	8998.9	9164.9	9729.4	11511.5	*13968.7*	14367.2	17842.8	16868.7
32.5°	10415.7	10493.1	10271.8	10072.5	10249.6	10769.9	12563.0	*14953.8*	15385.5	19680.2	18617.6
35°	12120.2	12352.7	12286.3	11279.0	11445.1	12020.6	13791.6	*16226.7*	16614.1	21351.6	20410.7
37.5°	13802.7	13747.3	13802.7	12961.5	12695.8	13393.1	15108.8	*17444.3*	17820.6	22713.0	21993.5
40°	15153.1	15319.1	15319.1	14632.8	14289.7	14754.6	16304.2	*18562.2*	18927.5	23465.7	23133.6
42.5°	16625.2	16647.3	16603.1	16005.4	15872.5	15994.3	17355.7	*19270.6*	19569.5	23853.1	23908.4
45°	18285.5	18274.4	18086.3	17588.2	17389.0	17278.3	18008.8	*19956.9*	20255.7	24030.2	24329.0
47.5°	19658.0	19713.4	19724.5	19193.2	18861.1	18385.1	18573.3	*20300.0*	20643.2	23830.9	24417.6
50°	19735.5	19824.1	20244.7	20399.6	20333.2	19569.5	19093.5	*20665.3*	21008.4	23875.2	24738.6
52.5°	19248.5	19337.0	19879.4	20521.4	21296.2	20930.9	19912.6	*21296.2*	21650.4	24306.9	25469.1
55°	17942.4	18086.3	18894.3	19790.9	21174.5	21694.7	21362.6	*22436.3*	22768.3	24650.0	26321.4
57.5°	15618.0	15795.1	16913.0	18340.9	20233.6	21517.6	23465.7	*24262.6*	24539.3	24893.5	26332.5
60°	11677.5	11821.4	13570.2	15496.2	18340.9	20410.7	24716.4	*27395.1*	27550.0	23576.4	24838.2
62.5°	8600.4	8744.3	9917.6	11301.2	14411.5	18374.1	24960.0	*30106.9*	30129.0	21196.6	22779.4
63°	*8102.3*	*8246.2*	*9308.8*	*10603.8*	*13481.7*	*17687.8*	*24882.5*	*30195.5*	*30118.0*	*20709.6*	*22325.6*
65°	6309.2	6563.7	7670.6	8655.7	10105.7	14079.4	23886.3	*28623.7*	28734.4	19270.6	20045.4
67.5°	4294.7	4482.8	5888.6	7028.6	7637.4	8965.7	19591.6	*24495.1*	24672.2	17776.4	15994.3
70°	3320.6	3409.2	4228.2	5567.6	6176.3	5700.4	12773.3	*19724.5*	19724.5	13880.2	11334.4
72.5°	2601.1	2634.4	3187.8	4350.0	4969.9	4383.2	7117.2	*14345.1*	13813.8	8235.1	7559.9
75°	1859.5	1903.8	2401.9	3243.1	3962.6	3453.4	4549.2	*8356.9*	8035.9	4737.4	5047.3
77.5°	1472.1	1494.3	1793.1	2390.8	3209.9	2634.4	3464.5	*4560.3*	4516.0	3331.7	3243.1
80°	1162.2	1206.5	1405.7	1715.7	2479.4	2058.8	2579.0	*3010.7*	2922.1	2291.2	2080.9
82.5°	830.2	907.6	1084.7	1306.1	1837.4	1472.1	1693.5	*2125.2*	2125.2	1726.7	1372.5
85°	509.2	575.6	642.0	808.0	1306.1	951.9	896.6	*1372.5*	1405.7	1295.0	885.5
87.5°	243.5	265.6	309.9	343.1	476.0	431.7	354.2	*520.2*	531.3	575.6	365.3
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: P1456141
CATALOG NUMBER: GLAN-SB7C-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6	7504.6
2.5°	7571.0	7548.9	7438.2	7327.5	7205.7	7095.0	6984.4	6895.8	6796.2	6818.3	6829.4
5°	7714.9	7659.6	7416.0	7128.3	6751.9	6397.7	6054.6	5811.1	5656.1	5611.8	5523.3
7.5°	8024.8	7892.0	7449.2	6840.5	6143.1	5589.7	5268.7	5124.8	5080.5	5091.6	5069.5
10°	8379.0	8179.8	7493.5	6497.3	5611.8	5235.5	5191.2	5279.8	5324.1	5368.3	5379.4
12.5°	8843.9	8522.9	7471.4	6121.0	5357.3	5290.8	5456.9	5622.9	5722.5	5788.9	5777.9
15°	9386.3	8954.6	7405.0	5811.1	5324.1	5501.2	5711.5	5899.6	6021.4	6087.8	6054.6
17.5°	10039.3	9463.8	7327.5	5611.8	5423.7	5634.0	5855.4	6043.5	6176.3	6220.6	6187.4
20°	10847.3	10039.3	7194.7	5523.3	5501.2	5689.3	5888.6	6065.7	6176.3	6220.6	6176.3
22.5°	11799.3	10725.6	7084.0	5523.3	5534.4	5689.3	5833.2	5966.0	6065.7	6098.9	6043.5
25°	13016.8	11522.5	7039.7	5611.8	5545.4	5634.0	5711.5	5788.9	5844.3	5866.4	5844.3
27.5°	14256.5	12441.2	7061.8	5722.5	5534.4	5556.5	5556.5	5567.6	5578.6	5589.7	5578.6
30°	15684.4	13371.0	7150.4	5866.4	5556.5	5445.8	5412.6	5346.2	5290.8	5246.6	5202.3
32.5°	17068.0	14256.5	7305.4	6076.7	5534.4	5324.1	5257.6	5091.6	4936.6	4803.8	4803.8
35°	18562.2	15175.2	7582.1	6231.7	5512.2	5213.4	5025.2	4837.0	4671.0	4482.8	4482.8
37.5°	19846.2	15961.1	7803.4	6408.8	5490.1	5080.5	4781.7	4571.4	4394.3	4206.1	4184.0
40°	20742.8	16414.9	7936.3	6475.2	5412.6	4903.4	4549.2	4283.6	4029.0	3774.4	3763.4
42.5°	21174.5	16392.8	7858.8	6453.1	5268.7	4682.1	4350.0	3995.8	3652.7	3420.2	3398.1
45°	21406.9	16248.9	7559.9	6264.9	5036.3	4449.6	4095.4	3719.1	3376.0	3165.7	3121.4
47.5°	21362.6	15894.7	7150.4	5800.0	4726.3	4195.0	3840.8	3453.4	3176.7	3055.0	3055.0
50°	21484.4	15618.0	6685.5	5268.7	4305.7	3896.2	3608.4	3254.2	3088.2	2933.2	2877.9
52.5°	22026.7	15850.4	6287.0	4770.6	3907.3	3608.4	3409.2	3110.3	2900.0	2800.4	2767.2
55°	22746.2	16348.5	5910.7	4327.9	3519.9	3353.8	3254.2	2977.5	2734.0	2634.4	2579.0
57.5°	22879.0	16691.6	5545.4	3896.2	3198.9	3154.6	3121.4	2745.0	2545.8	2468.3	2424.0
60°	21960.3	16437.0	5069.5	3508.8	2944.3	2966.4	2877.9	2601.1	2368.7	2291.2	2246.9
62.5°	20399.6	15772.9	4593.5	3176.7	2745.0	2789.3	2700.8	2424.0	2191.6	2114.1	2092.0
63°	*20089.7*	*15595.8*	*4482.8*	*3143.5*	*2700.8*	*2756.1*	*2678.6*	*2401.9*	*2169.5*	*2092.0*	*2058.8*
65°	18241.2	14533.2	4095.4	2966.4	2556.9	2556.9	2567.9	2291.2	2092.0	2058.8	2036.6
67.5°	14876.4	12131.3	3674.8	2756.1	2401.9	2435.1	2490.5	2335.5	2258.0	2235.9	2213.7
70°	11245.8	9131.7	3309.5	2556.9	2235.9	2346.6	2722.9	2656.5	2368.7	2169.5	2125.2
72.5°	7969.5	6220.6	2988.6	2357.6	2036.6	2313.4	2822.5	2534.7	2136.3	1903.8	1859.5
75°	5335.1	4006.9	2667.6	2147.3	1815.3	2136.3	2667.6	2313.4	1859.5	1804.2	1737.8
77.5°	3353.8	2855.7	2346.6	1903.8	1571.8	1903.8	2424.0	2058.8	1605.0	1627.1	1527.5
80°	2047.7	2036.6	1970.2	1616.0	1261.8	1516.4	2036.6	1737.8	1284.0	1284.0	1140.1
82.5°	1217.6	1472.1	1671.4	1339.3	918.7	1084.7	1472.1	1306.1	1073.7	1040.5	974.0
85°	819.1	996.2	1328.2	1029.4	586.6	664.1	1018.3	1095.8	985.1	863.4	808.0
87.5°	298.9	398.5	608.8	420.6	254.6	398.5	763.7	796.9	597.7	464.9	420.6
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

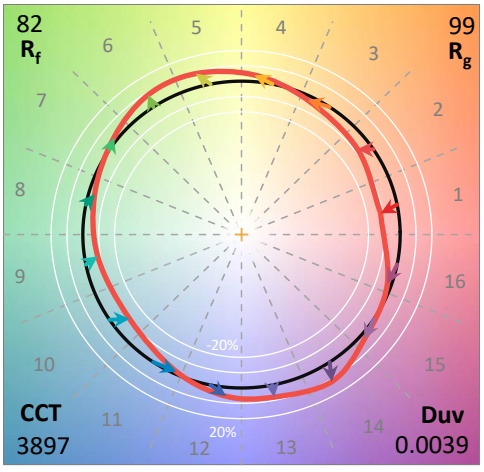
Test Information

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

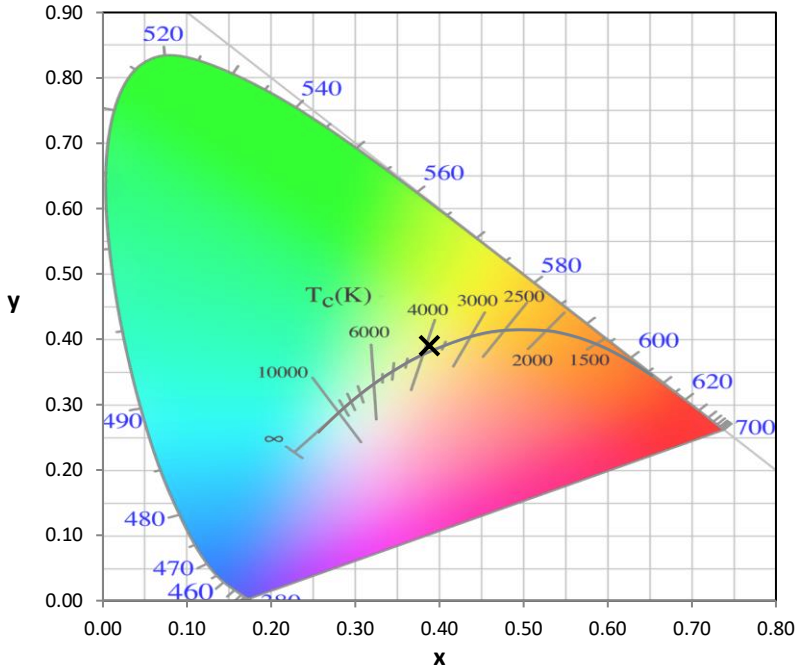
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

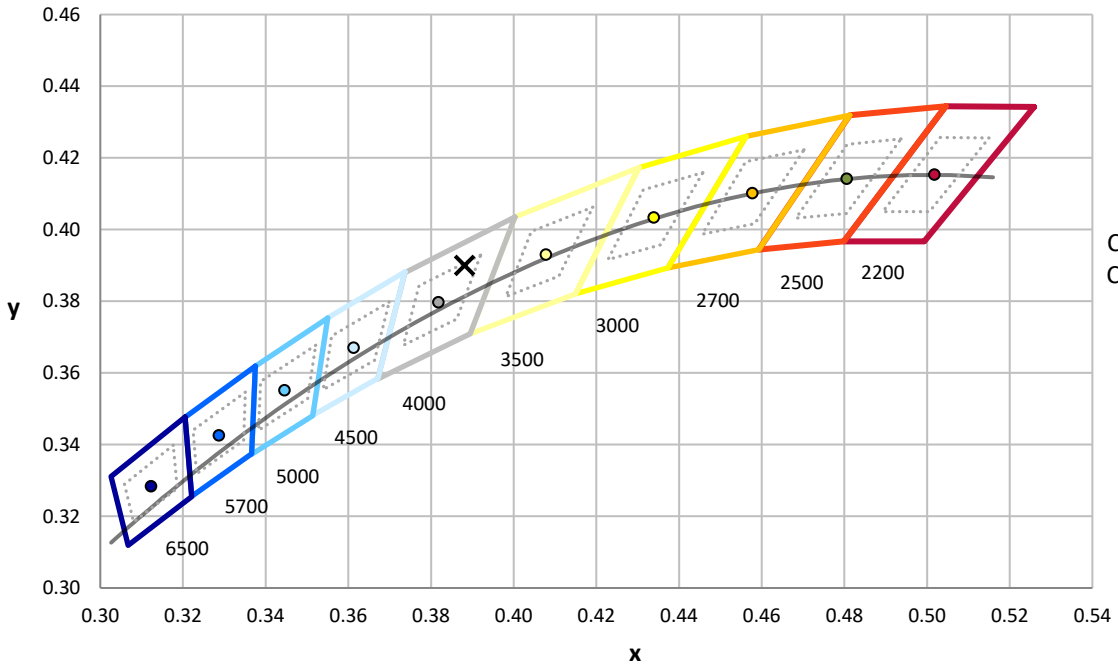
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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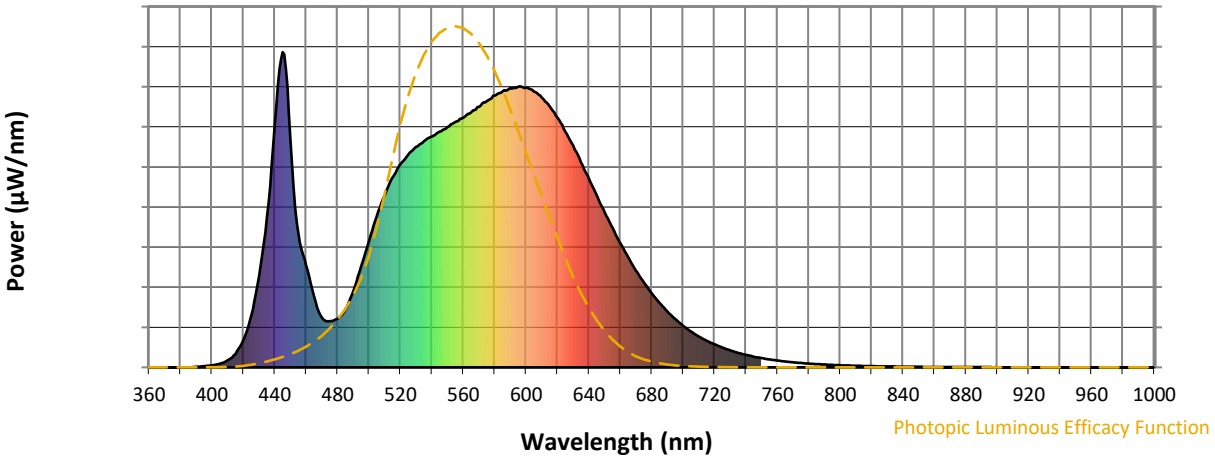
Photopic Flux vs. Wavelength



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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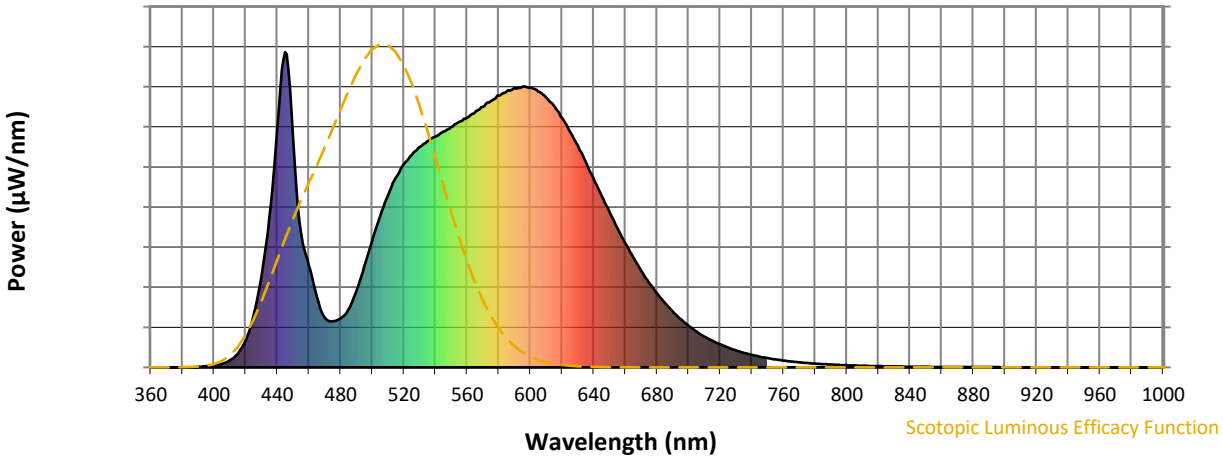
Scotopic Flux vs. Wavelength



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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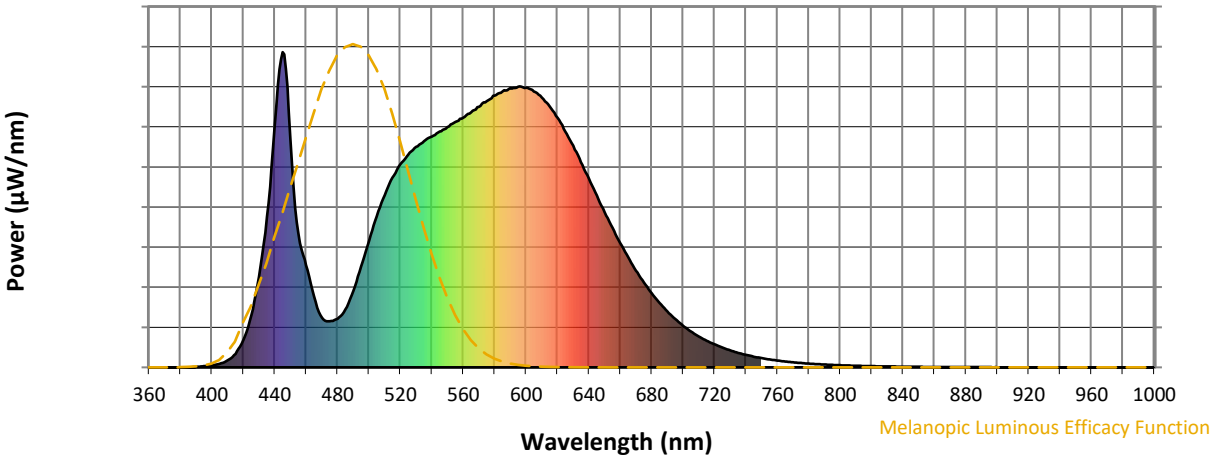
Melanopic Flux vs. Wavelength



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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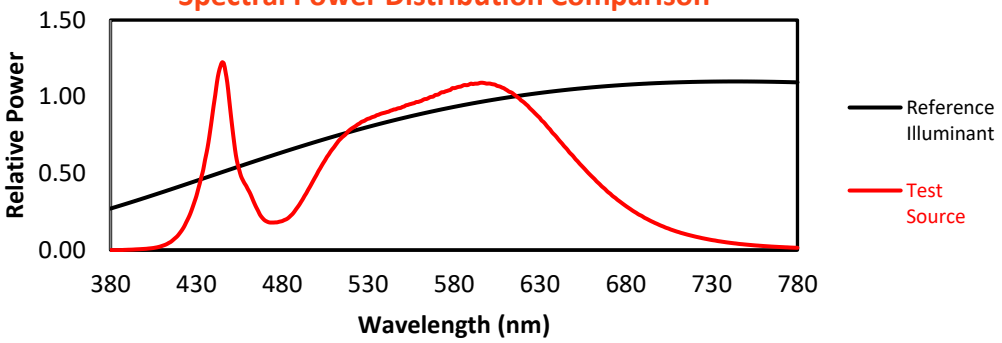
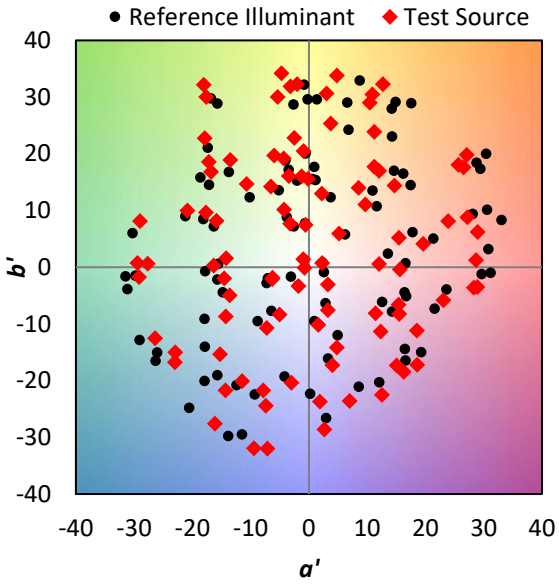
Summary

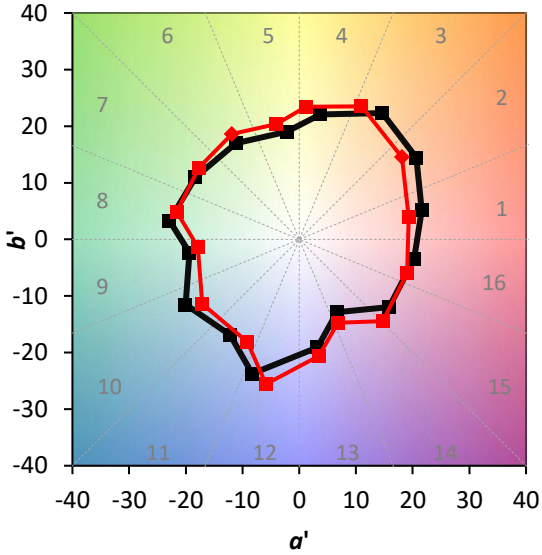
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

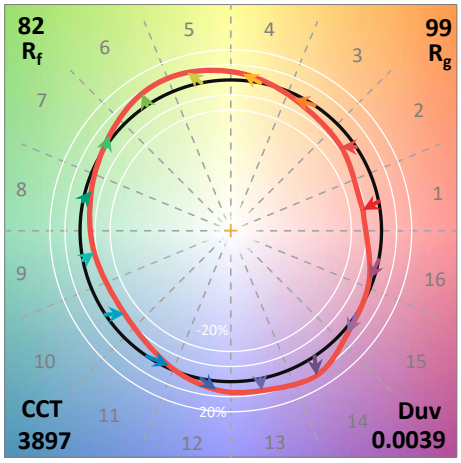
Spectral Power Distribution Comparison

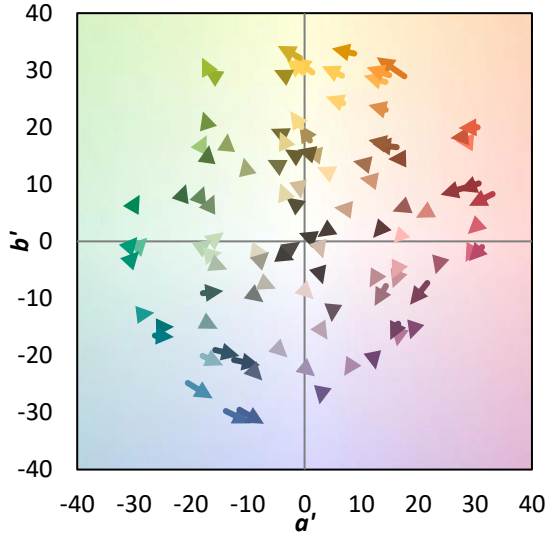


Color Vector Graphics









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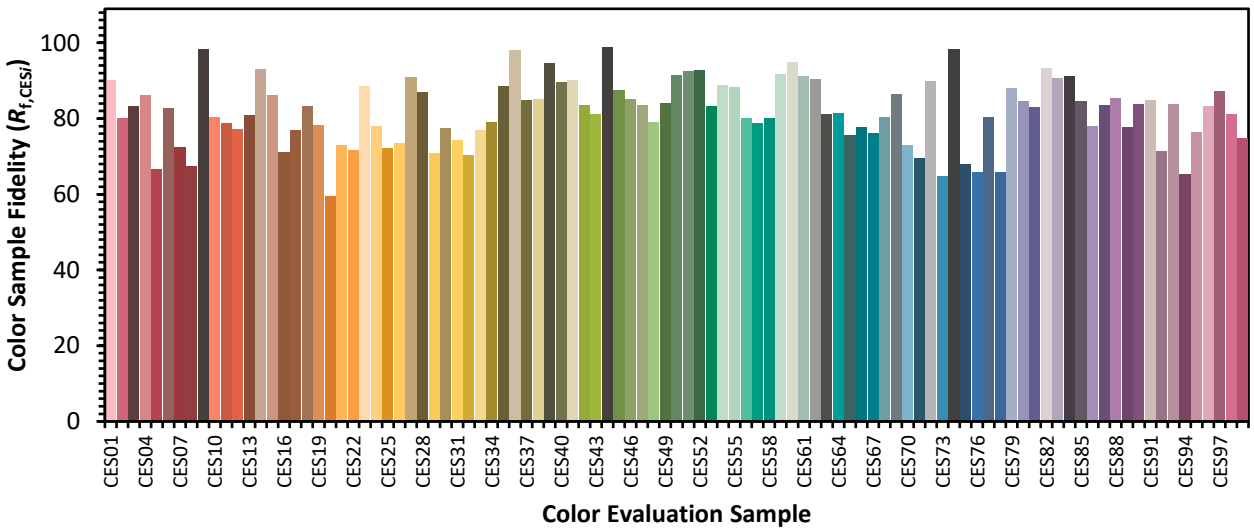
Individual Sample Fidelity Index ($R_{f,i}$)

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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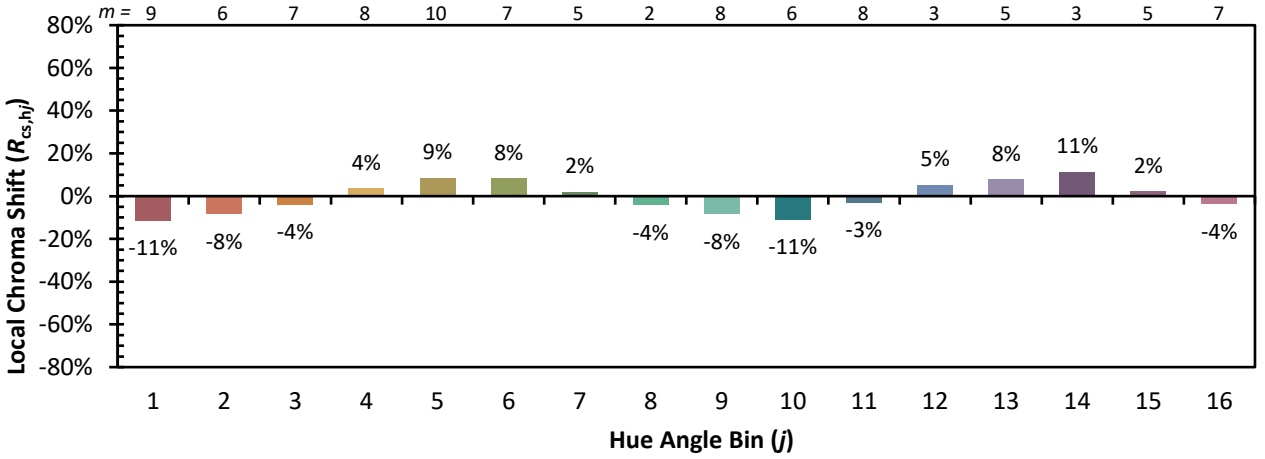
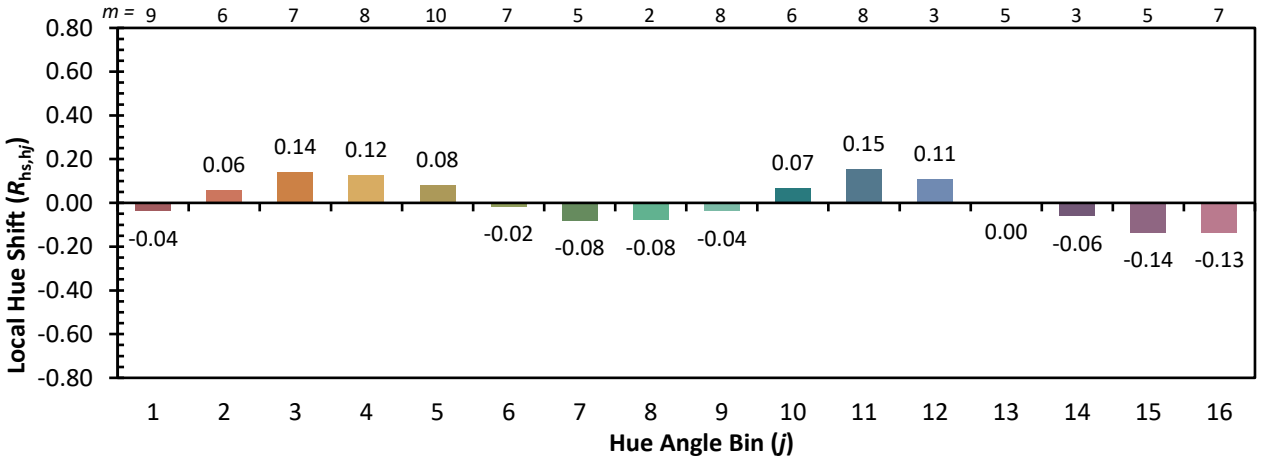
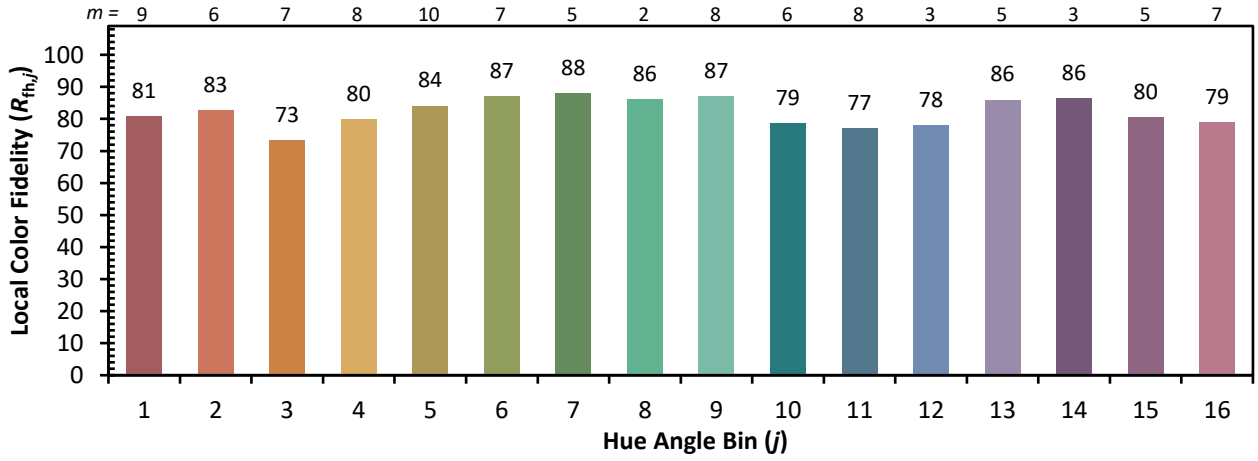
Color Rendition by Hue-Angle Bin







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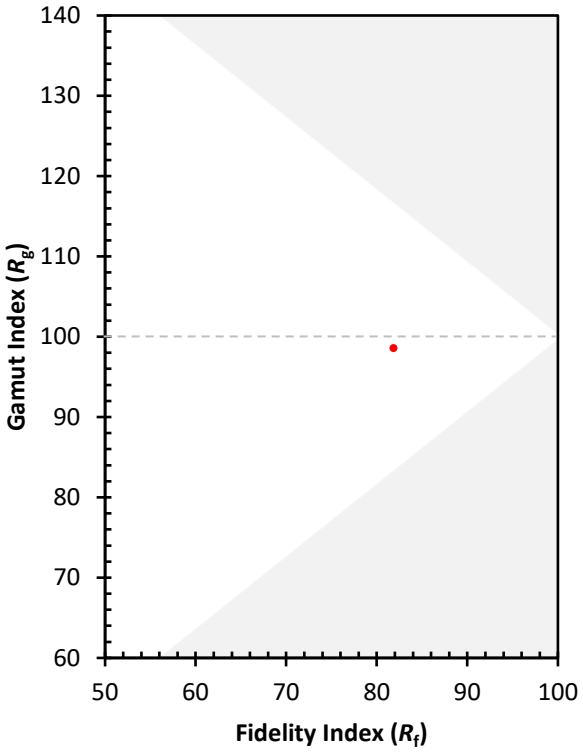
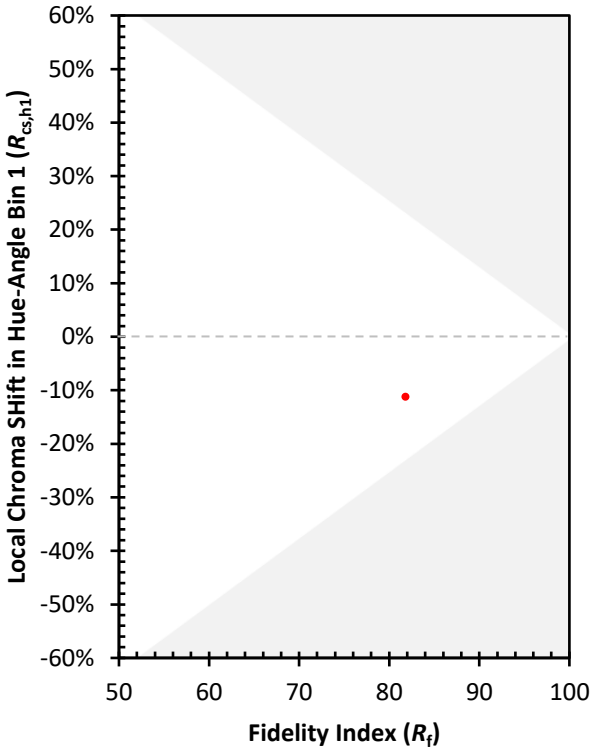
Measure Comparisons





(END OF REPORT)