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: P1456143

Luminaire Tested: GLAN-SB8A-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:	P1456143
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-840-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(208) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	33561.2 lumens
Efficiency:	N/A
Efficacy:	147.8 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):	227.1
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: P1456143
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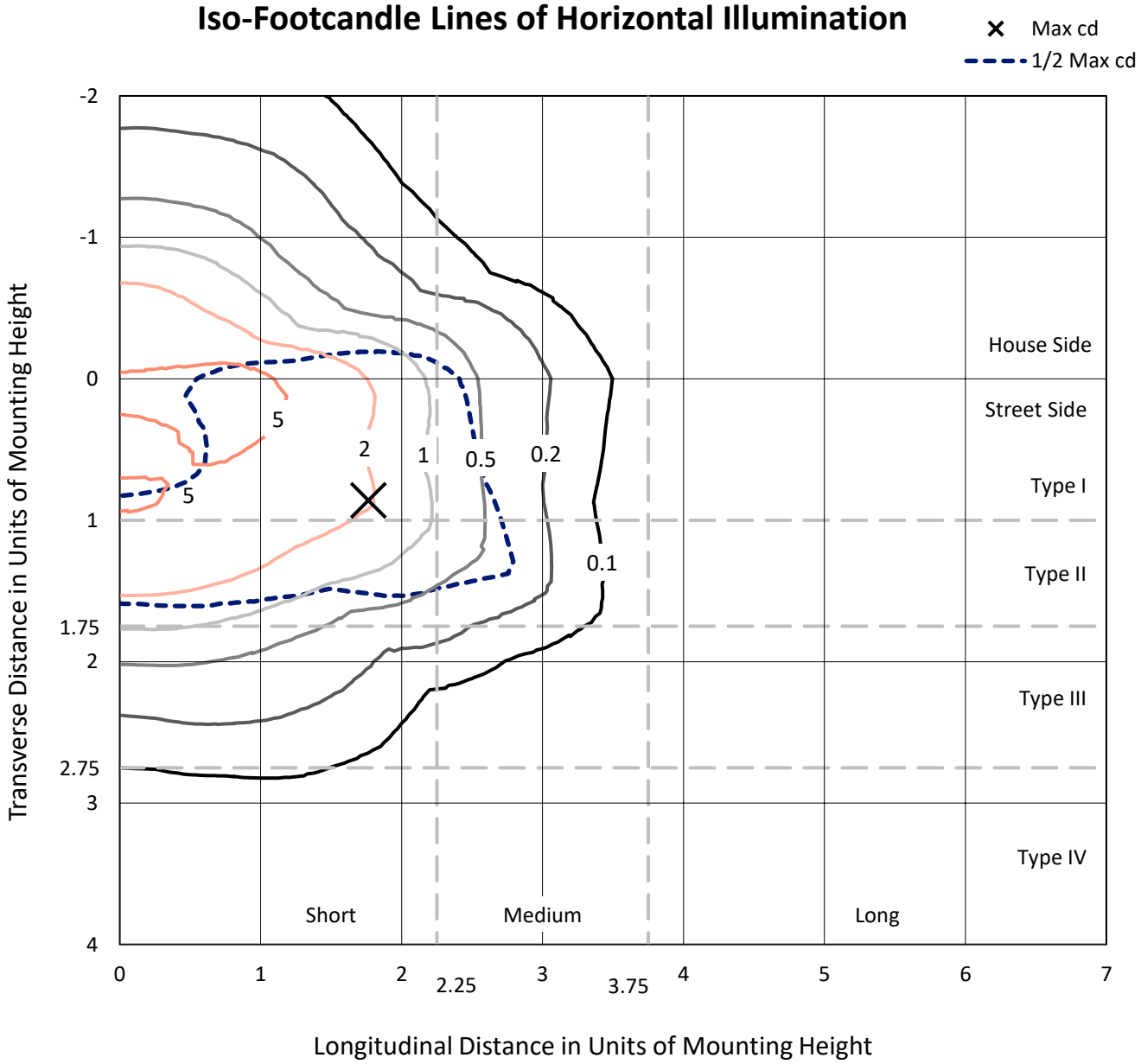
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 8.8 fc
Type II - Short - N/A

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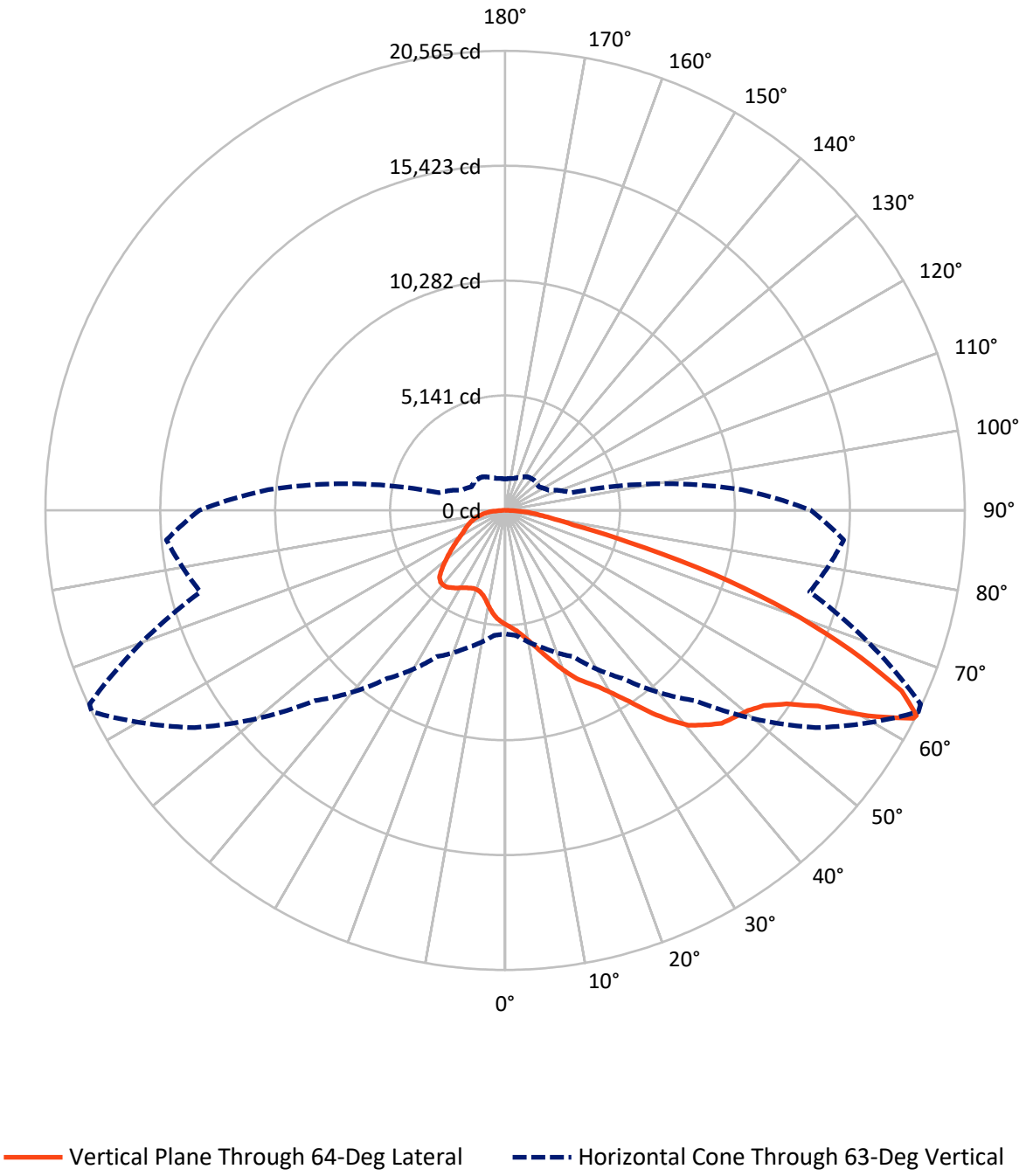
Luminous Intensity Polar Plot



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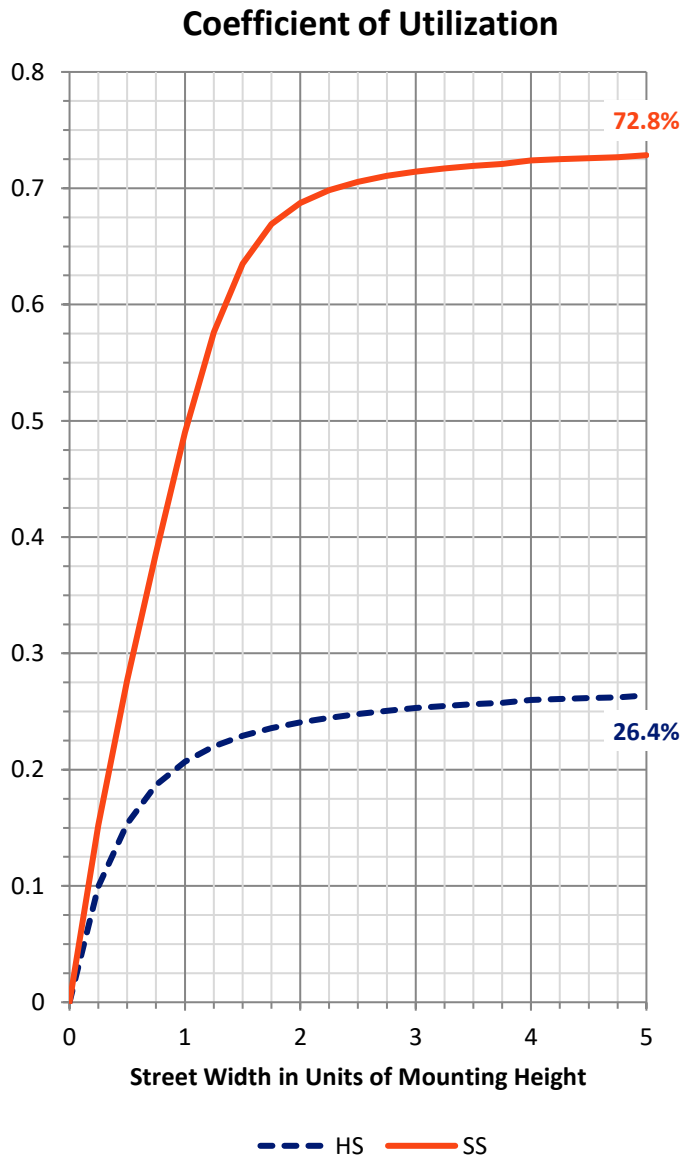
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9016.9	0.0	9016.9
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	24544.2	0.0	24544.2
	% Fixture	73.1	0.0	73.1
Total	Lumens	33561.2	0.0	33561.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	469.3	1.4
10°-20°	1444.6	4.3
20°-30°	2641.7	7.9
30°-40°	4544.2	13.5
40°-50°	6701.5	20.0
50°-60°	8032.1	23.9
60°-70°	6446.6	19.2
70°-80°	2590.4	7.7
80°-90°	690.7	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°	33561.2	100.0
0°-180°	33561.2	100.0



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REPORT NUMBER: P1456143
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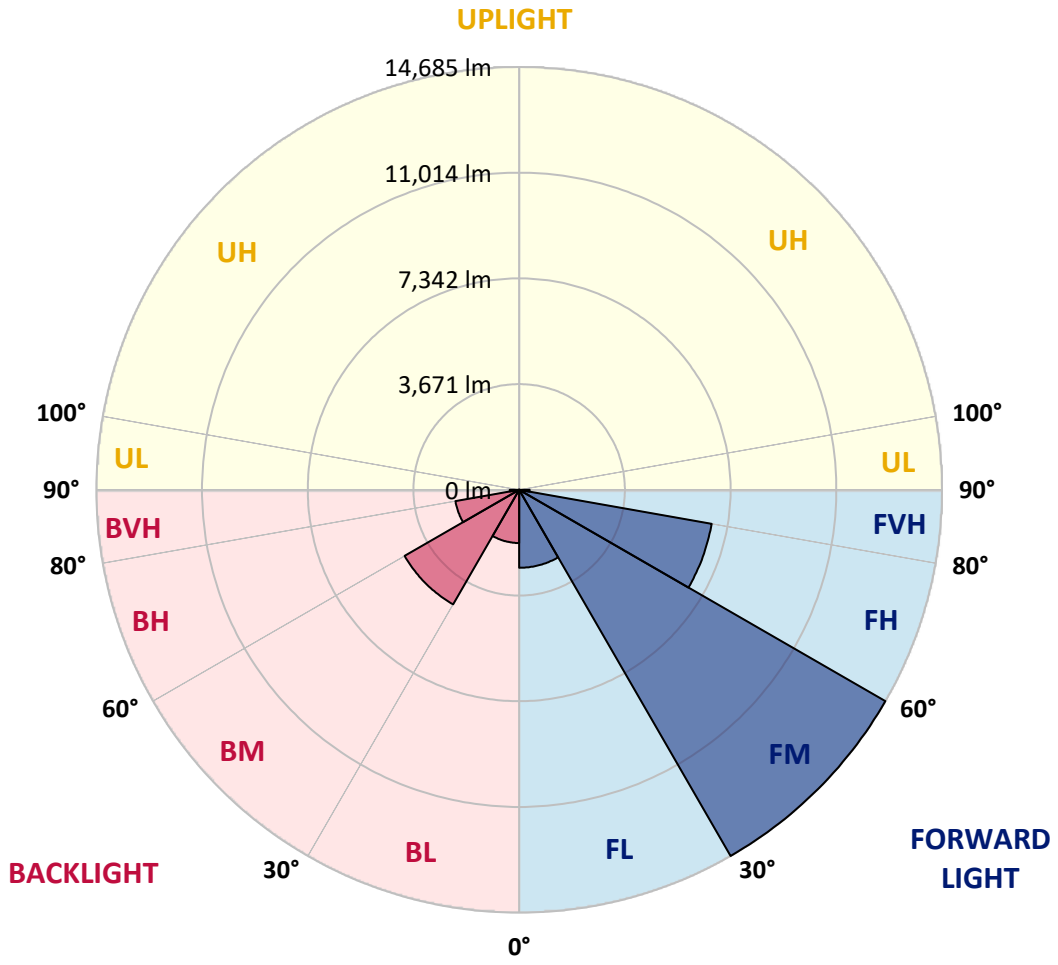
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2707.7	8.1			
FM	(30°-60°)	14684.8	43.8			
FH	(60°-80°)	6788.8	20.2			G3/7500
FVH	(80°-90°)	362.9	1.1			G3/500
BL	(0°-30°)	1847.9	5.5	B3/2500		
BM	(30°-60°)	4593.0	13.7	B3/5000		
BH	(60°-80°)	2248.2	6.7	B3/2500		G3/2500
BVH	(80°-90°)	327.8	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: P1456143
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	*5111.0*	5111.0	5111.0	5111.0
2.5°	5322.1	5329.6	5307.0	5299.4	5314.5	5284.4	5276.8	*5246.7*	5231.6	5201.4	5163.8
5°	5472.8	5480.4	5465.3	5465.3	5480.4	5457.7	5450.2	*5420.1*	5405.0	5374.8	5299.4
7.5°	5465.3	5472.8	5487.9	5548.2	5623.6	5653.7	5676.4	*5653.7*	5646.2	5601.0	5525.6
10°	5344.7	5352.2	5389.9	5480.4	5668.8	5804.5	5947.7	*5947.7*	5962.8	5925.1	5789.4
12.5°	5178.8	5186.4	5276.8	5420.1	5668.8	5902.5	6196.5	*6317.1*	6309.6	6287.0	6128.7
15°	4779.3	4779.3	4915.0	5186.4	5585.9	5970.4	6407.6	*6731.7*	6739.3	6761.9	6573.4
17.5°	4440.1	4447.6	4560.7	4801.9	5322.1	5932.7	6633.7	*7191.6*	7214.2	7342.3	7070.9
20°	4470.2	4470.2	4507.9	4613.5	5035.6	5781.9	6761.9	*7681.6*	7756.9	8058.5	7719.2
22.5°	4703.9	4703.9	4734.1	4726.5	4982.8	5683.9	6844.8	*8171.5*	8307.2	8932.9	8495.7
25°	5133.6	5126.1	5095.9	5050.7	5201.4	5789.4	7033.3	*8548.5*	8812.3	9897.8	9392.8
27.5°	5661.3	5646.2	5601.0	5525.6	5631.1	6106.0	7357.4	*8948.0*	9234.4	10953.2	10342.6
30°	6317.1	6271.9	6226.7	6128.7	6241.7	6626.2	7839.9	*9513.4*	9784.7	12151.8	11488.4
32.5°	7093.6	7146.3	6995.6	6859.9	6980.5	7334.8	8556.0	*10184.3*	10478.3	13403.1	12679.5
35°	8254.5	8412.8	8367.5	7681.6	7794.6	8186.6	9392.8	*11051.2*	11315.0	14541.4	13900.7
37.5°	9400.3	9362.6	9400.3	8827.4	8646.5	9121.4	10289.8	*11880.4*	12136.7	15468.6	14978.7
40°	10320.0	10433.0	10433.0	9965.7	9732.0	10048.6	11104.0	*12641.8*	12890.5	15981.2	15755.1
42.5°	11322.6	11337.6	11307.5	10900.4	10810.0	10892.9	11820.1	*13124.2*	13327.8	16245.1	16282.8
45°	12453.3	12445.8	12317.6	11978.4	11842.7	11767.3	12264.9	*13591.6*	13795.1	16365.7	16569.2
47.5°	13388.1	13425.8	13433.3	13071.5	12845.3	12521.2	12649.3	*13825.3*	14059.0	16230.0	16629.5
50°	13440.8	13501.1	13787.6	13893.1	13847.9	13327.8	13003.6	*14074.1*	14307.7	16260.2	16848.2
52.5°	13109.1	13169.5	13538.8	13976.1	14503.7	14255.0	13561.4	*14503.7*	14745.0	16554.2	17345.7
55°	12219.6	12317.6	12867.9	13478.5	14420.8	14775.1	14549.0	*15280.2*	15506.3	16787.8	17926.1
57.5°	10636.6	10757.2	11518.6	12491.0	13780.1	14654.5	15981.2	*16524.0*	16712.5	16953.7	17933.7
60°	7952.9	8050.9	9242.0	10553.7	12491.0	13900.7	16833.1	*18657.4*	18762.9	16056.6	16916.0
62.5°	5857.3	5955.3	6754.3	7696.6	9814.9	12513.6	16998.9	*20504.2*	20519.3	14435.9	15513.9
63°	*5518.1*	*5616.1*	*6339.7*	*7221.7*	*9181.7*	*12046.2*	*16946.2*	*20564.5*	*20511.8*	*14104.2*	*15204.8*
65°	4296.8	4470.2	5224.1	5895.0	6882.5	9588.7	16267.7	*19494.1*	19569.5	13124.2	13651.9
67.5°	2924.9	3053.0	4010.4	4786.8	5201.4	6106.0	13342.8	*16682.3*	16802.9	12106.5	10892.9
70°	2261.5	2321.8	2879.6	3791.8	4206.4	3882.2	8699.2	*13433.3*	13433.3	9453.1	7719.2
72.5°	1771.5	1794.1	2171.0	2962.6	3384.7	2985.2	4847.1	*9769.7*	9407.8	5608.5	5148.7
75°	1266.4	1296.6	1635.8	2208.7	2698.7	2352.0	3098.3	*5691.4*	5472.8	3226.4	3437.5
77.5°	1002.6	1017.7	1221.2	1628.3	2186.1	1794.1	2359.5	*3105.8*	3075.6	2269.0	2208.7
80°	791.5	821.7	957.4	1168.4	1688.6	1402.1	1756.4	*2050.4*	1990.1	1560.4	1417.2
82.5°	565.4	618.1	738.8	889.5	1251.4	1002.6	1153.4	*1447.4*	1447.4	1176.0	934.8
85°	346.8	392.0	437.2	550.3	889.5	648.3	610.6	*934.8*	957.4	882.0	603.1
87.5°	165.8	180.9	211.1	233.7	324.1	294.0	241.2	*354.3*	361.8	392.0	248.8
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: P1456143
CATALOG NUMBER: GLAN-SB8A-840-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0	5111.0
2.5°	5156.2	5141.1	5065.8	4990.4	4907.4	4832.1	4756.7	4696.4	4628.5	4643.6	4651.1
5°	5254.2	5216.5	5050.7	4854.7	4598.4	4357.2	4123.5	3957.6	3852.1	3821.9	3761.6
7.5°	5465.3	5374.8	5073.3	4658.7	4183.8	3806.9	3588.2	3490.2	3460.1	3467.6	3452.6
10°	5706.5	5570.8	5103.4	4425.0	3821.9	3565.6	3535.5	3595.8	3625.9	3656.1	3663.6
12.5°	6023.1	5804.5	5088.4	4168.7	3648.5	3603.3	3716.4	3829.5	3897.3	3942.5	3935.0
15°	6392.5	6098.5	5043.1	3957.6	3625.9	3746.5	3889.8	4017.9	4100.8	4146.1	4123.5
17.5°	6837.3	6445.3	4990.4	3821.9	3693.8	3837.0	3987.8	4115.9	4206.4	4236.5	4213.9
20°	7387.6	6837.3	4899.9	3761.6	3746.5	3874.7	4010.4	4131.0	4206.4	4236.5	4206.4
22.5°	8035.9	7304.6	4824.5	3761.6	3769.2	3874.7	3972.7	4063.2	4131.0	4153.6	4115.9
25°	8865.1	7847.4	4794.4	3821.9	3776.7	3837.0	3889.8	3942.5	3980.2	3995.3	3980.2
27.5°	9709.4	8473.1	4809.5	3897.3	3769.2	3784.2	3784.2	3791.8	3799.3	3806.9	3799.3
30°	10681.8	9106.3	4869.8	3995.3	3784.2	3708.9	3686.2	3641.0	3603.3	3573.2	3543.0
32.5°	11624.1	9709.4	4975.3	4138.5	3769.2	3625.9	3580.7	3467.6	3362.1	3271.6	3271.6
35°	12641.8	10335.0	5163.8	4244.1	3754.1	3550.6	3422.4	3294.2	3181.2	3053.0	3053.0
37.5°	13516.2	10870.3	5314.5	4364.7	3739.0	3460.1	3256.6	3113.3	2992.7	2864.6	2849.5
40°	14126.8	11179.3	5405.0	4409.9	3686.2	3339.5	3098.3	2917.3	2744.0	2570.6	2563.0
42.5°	14420.8	11164.3	5352.2	4394.8	3588.2	3188.7	2962.6	2721.3	2487.6	2329.3	2314.3
45°	14579.1	11066.3	5148.7	4266.7	3429.9	3030.4	2789.2	2532.9	2299.2	2156.0	2125.8
47.5°	14549.0	10825.0	4869.8	3950.1	3218.9	2857.0	2615.8	2352.0	2163.5	2080.6	2080.6
50°	14631.9	10636.6	4553.1	3588.2	2932.4	2653.5	2457.5	2216.3	2103.2	1997.7	1960.0
52.5°	15001.3	10794.9	4281.8	3249.0	2661.0	2457.5	2321.8	2118.3	1975.0	1907.2	1884.6
55°	15491.3	11134.1	4025.5	2947.5	2397.2	2284.1	2216.3	2027.8	1862.0	1794.1	1756.4
57.5°	15581.7	11367.8	3776.7	2653.5	2178.6	2148.4	2125.8	1869.5	1733.8	1681.0	1650.9
60°	14956.0	11194.4	3452.6	2389.6	2005.2	2020.3	1960.0	1771.5	1613.2	1560.4	1530.3
62.5°	13893.1	10742.1	3128.4	2163.5	1869.5	1899.7	1839.4	1650.9	1492.6	1439.8	1424.7
63°	*13682.1*	*10621.5*	*3053.0*	*2140.9*	*1839.4*	*1877.0*	*1824.3*	*1635.8*	*1477.5*	*1424.7*	*1402.1*
65°	12423.2	9897.8	2789.2	2020.3	1741.4	1741.4	1748.9	1560.4	1424.7	1402.1	1387.1
67.5°	10131.5	8262.0	2502.7	1877.0	1635.8	1658.4	1696.1	1590.6	1537.8	1522.7	1507.7
70°	7658.9	6219.1	2254.0	1741.4	1522.7	1598.1	1854.4	1809.2	1613.2	1477.5	1447.4
72.5°	5427.6	4236.5	2035.3	1605.7	1387.1	1575.5	1922.3	1726.3	1454.9	1296.6	1266.4
75°	3633.5	2728.9	1816.7	1462.4	1236.3	1454.9	1816.7	1575.5	1266.4	1228.7	1183.5
77.5°	2284.1	1944.9	1598.1	1296.6	1070.4	1296.6	1650.9	1402.1	1093.1	1108.1	1040.3
80°	1394.6	1387.1	1341.8	1100.6	859.4	1032.8	1387.1	1183.5	874.4	874.4	776.4
82.5°	829.2	1002.6	1138.3	912.1	625.7	738.8	1002.6	889.5	731.2	708.6	663.4
85°	557.8	678.4	904.6	701.1	399.5	452.3	693.5	746.3	670.9	588.0	550.3
87.5°	203.5	271.4	414.6	286.5	173.4	271.4	520.1	542.8	407.1	316.6	286.5
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

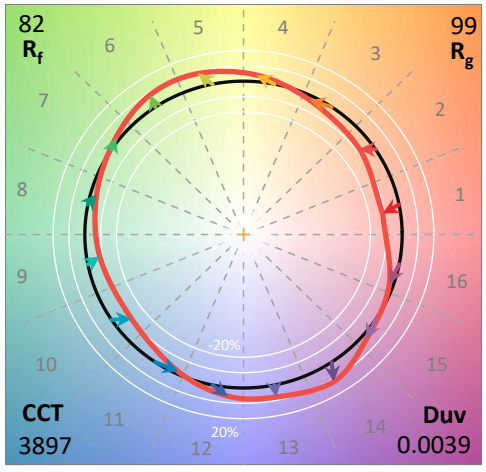
Test Information

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

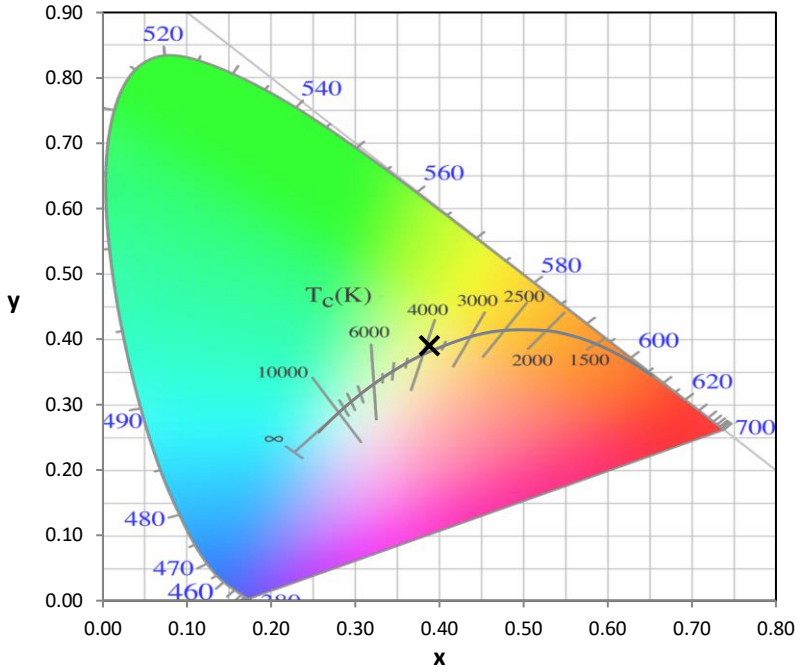
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

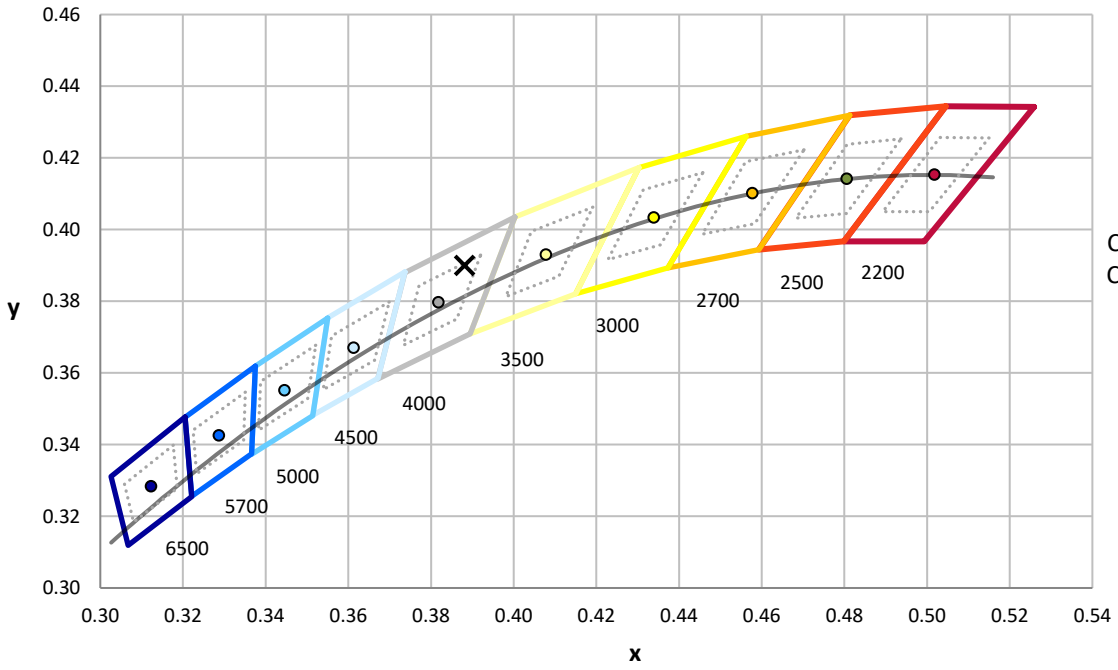
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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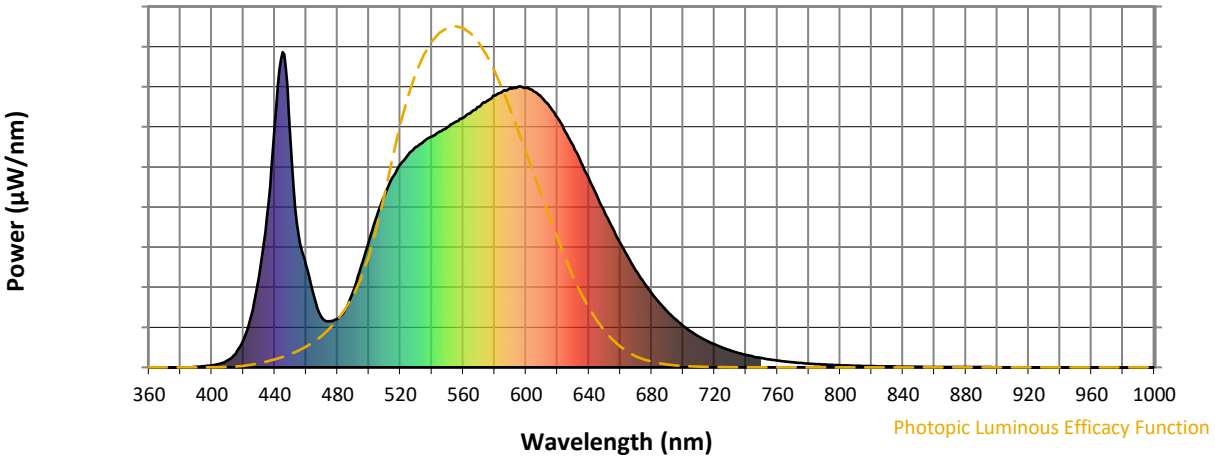
Photopic Flux vs. Wavelength



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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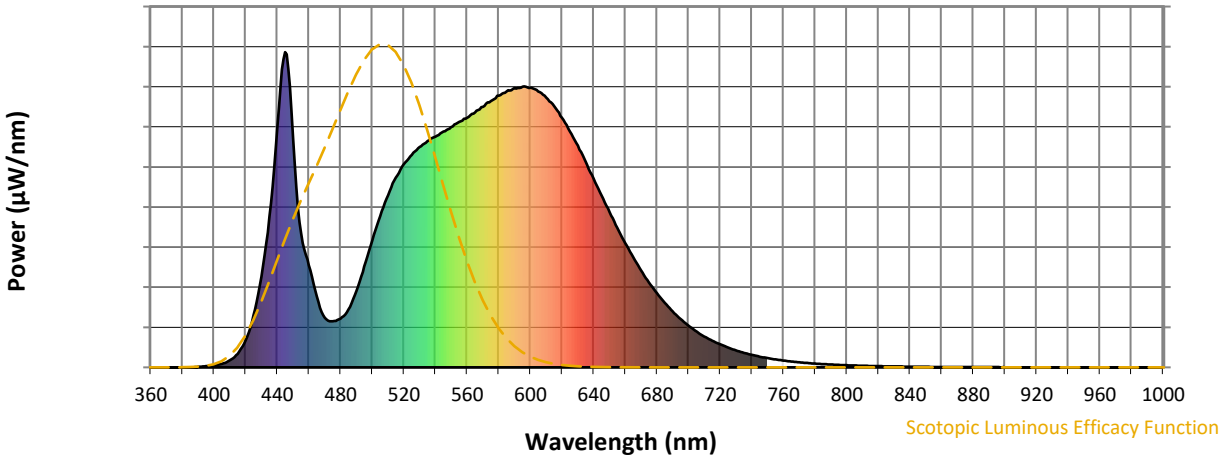
Scotopic Flux vs. Wavelength



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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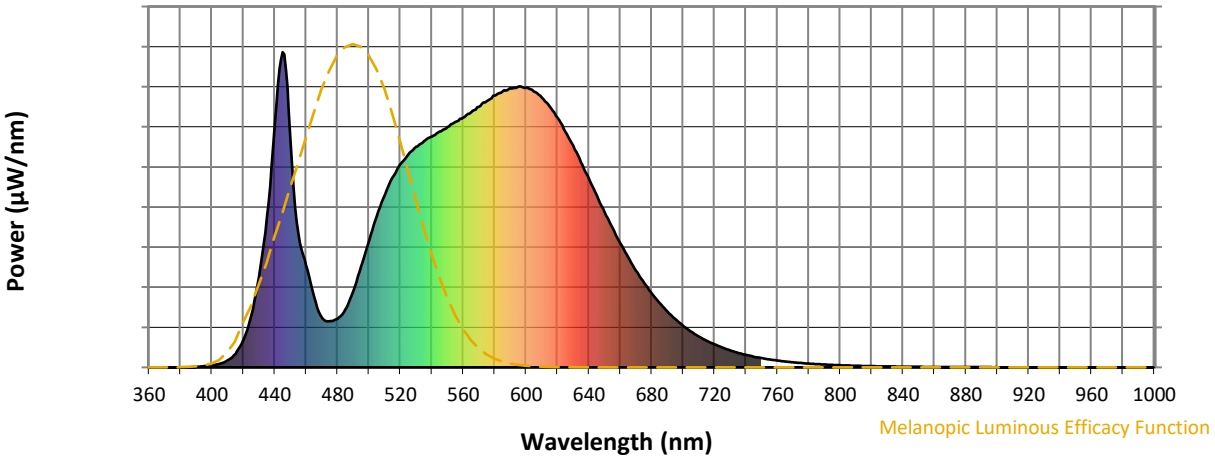
Melanopic Flux vs. Wavelength



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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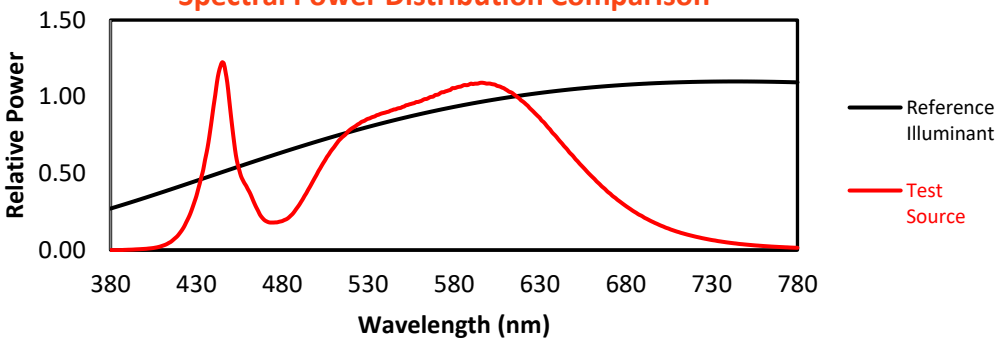
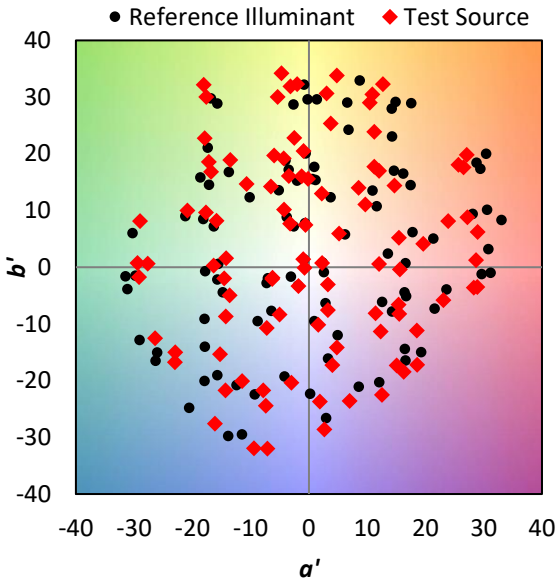
Summary

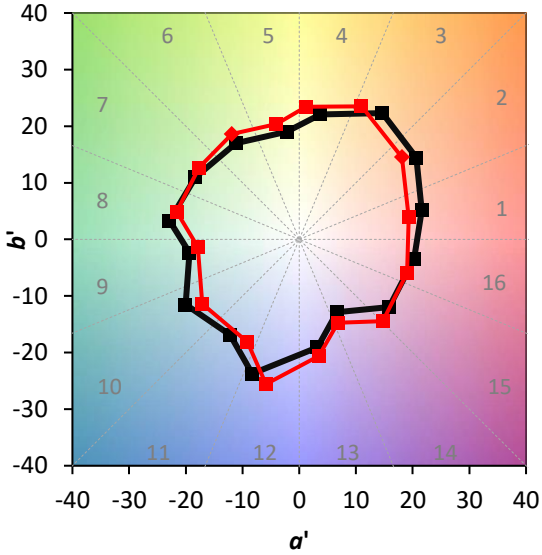
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

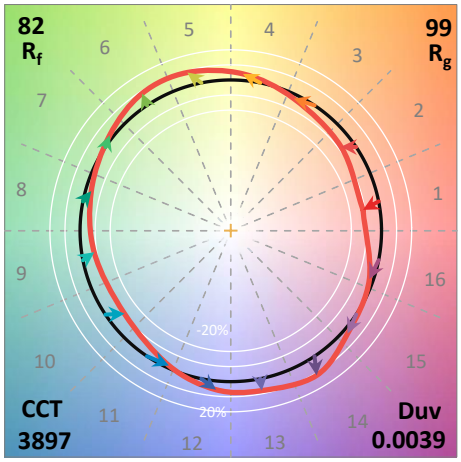
Spectral Power Distribution Comparison

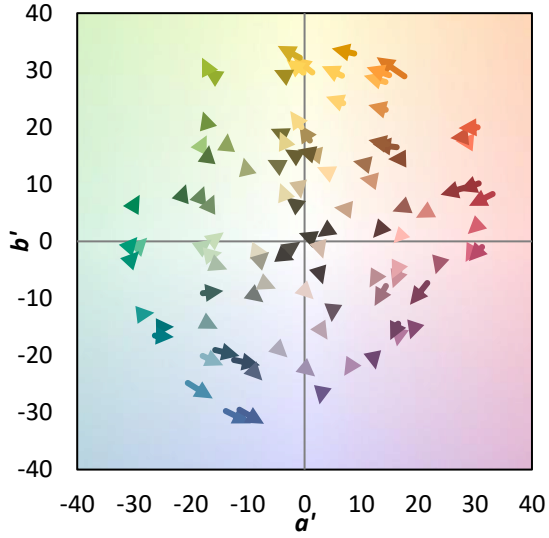


Color Vector Graphics









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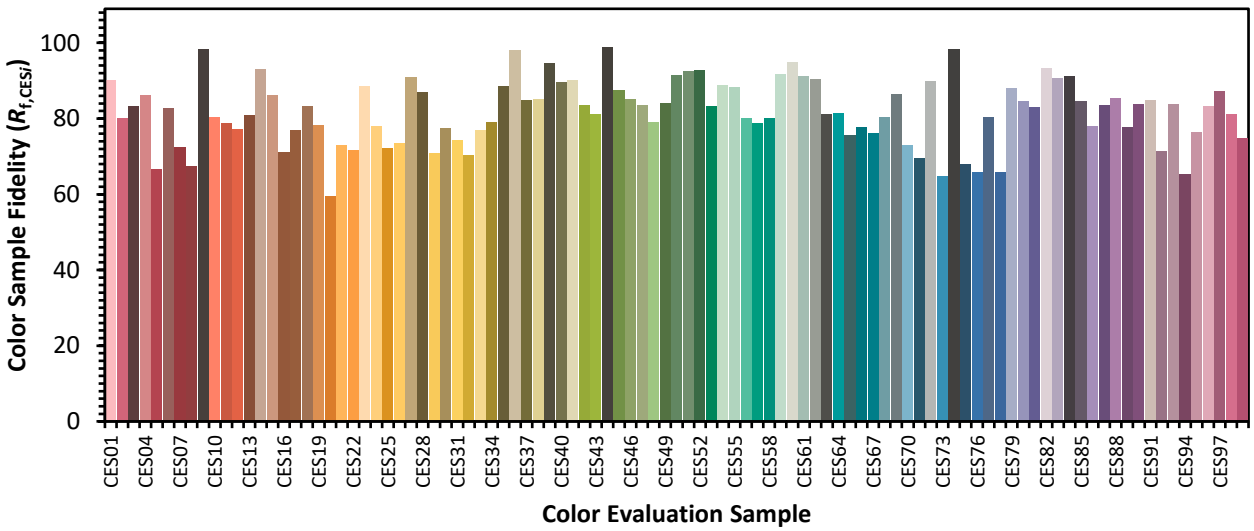
Individual Sample Fidelity Index ($R_{f,i}$)

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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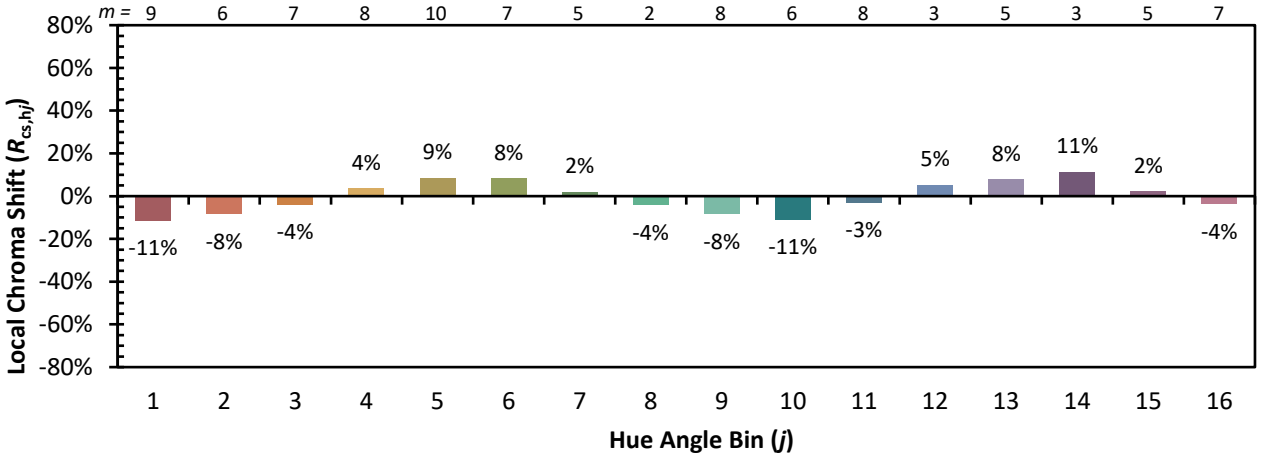
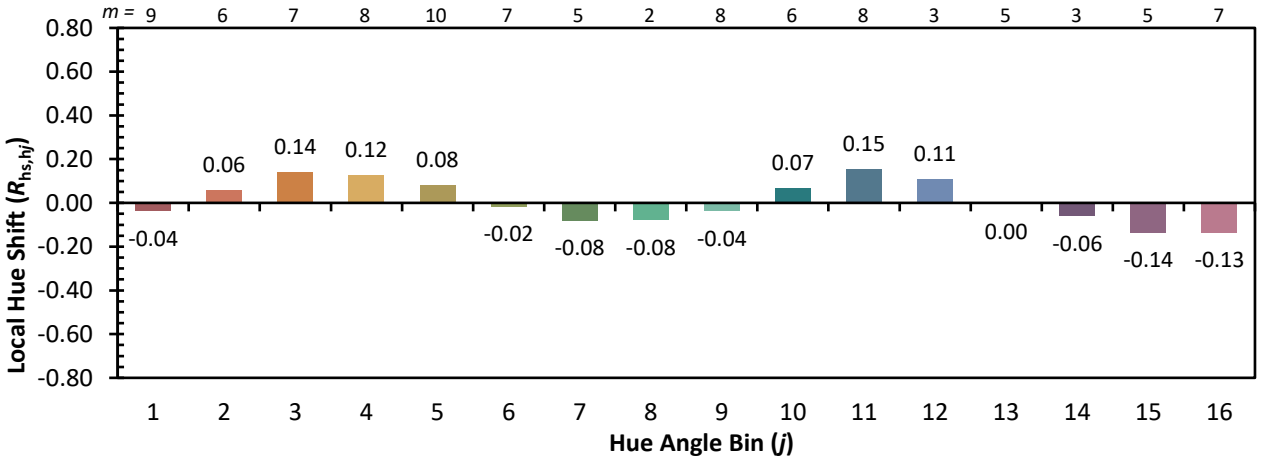
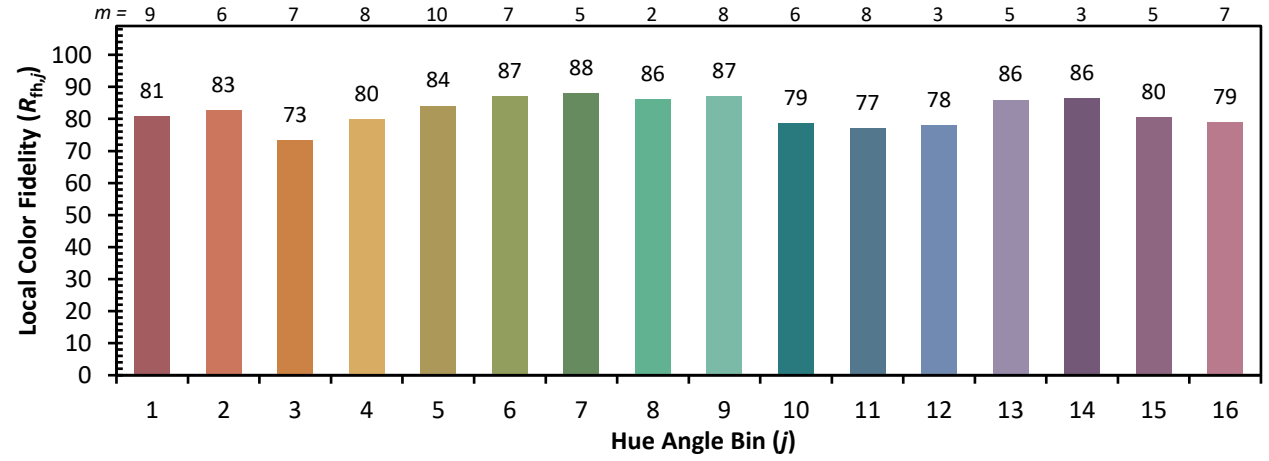
Color Rendition by Hue-Angle Bin







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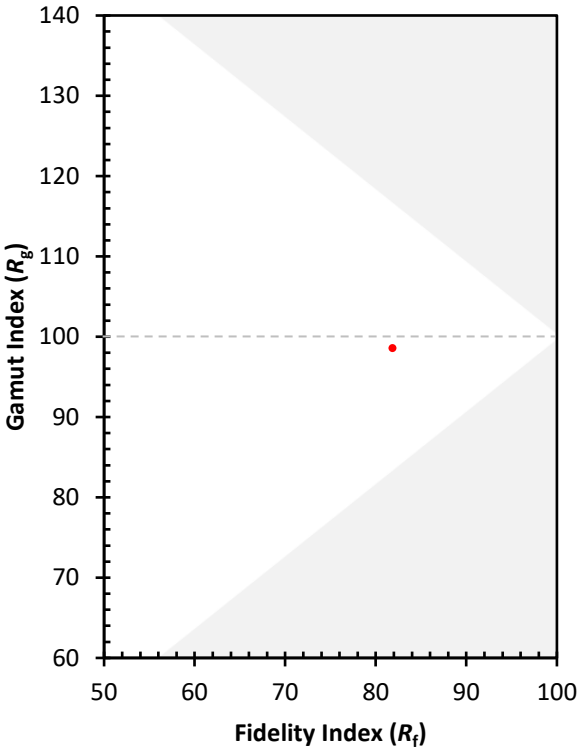
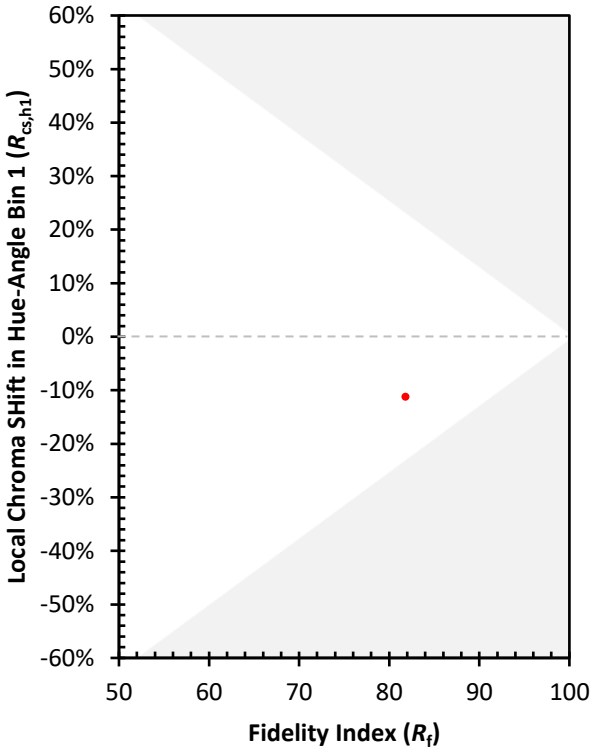
Measure Comparisons





(END OF REPORT)