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: P1459022

Luminaire Tested: GLAN-SB7D-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:	P1459022
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7D-840-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	50189.1 lumens
Efficiency:	N/A
Efficacy:	97.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G5

Input Watts (W):	512.8
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: P1459022
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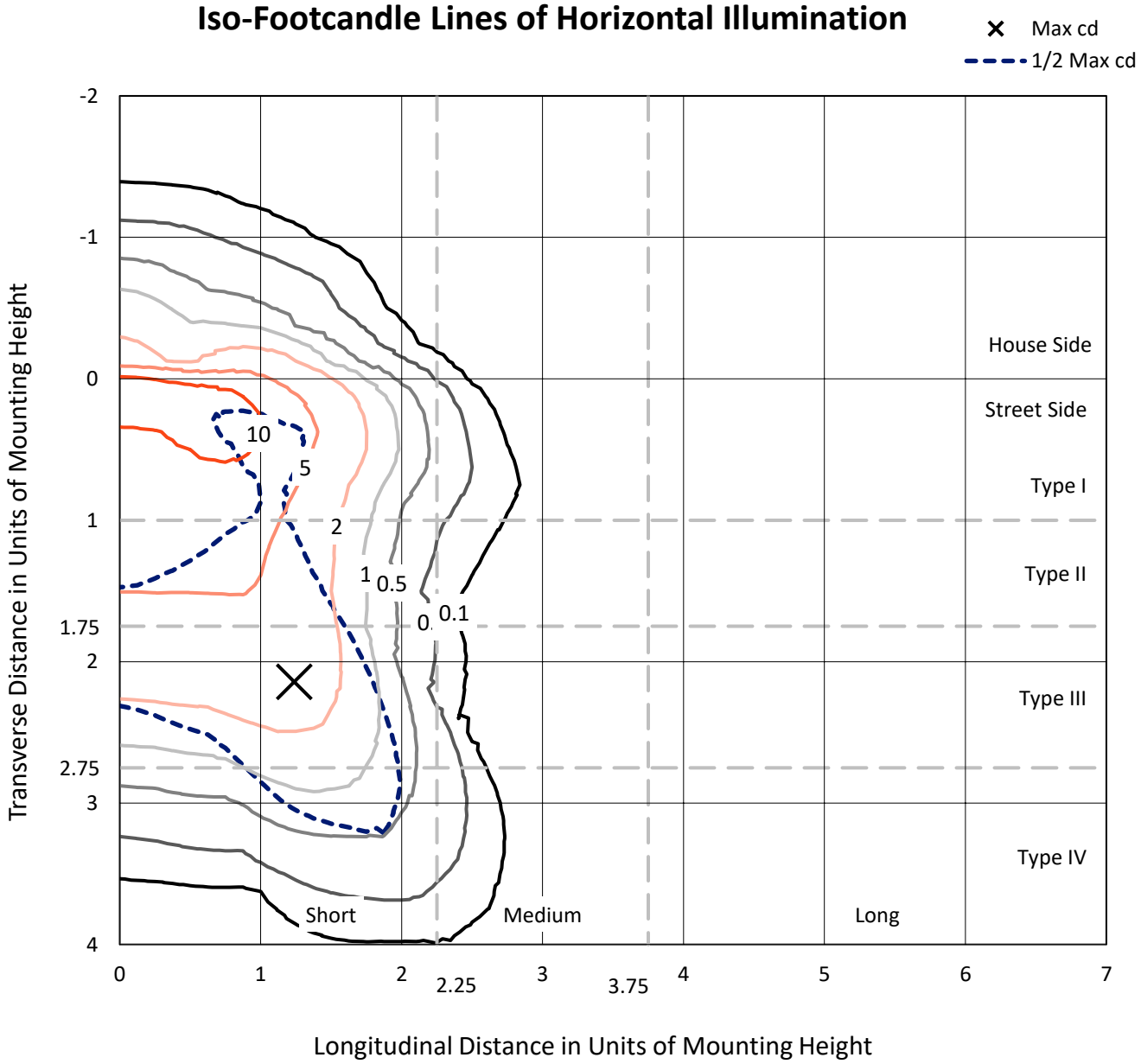
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 16.8 fc
Type IV - Short - N/A

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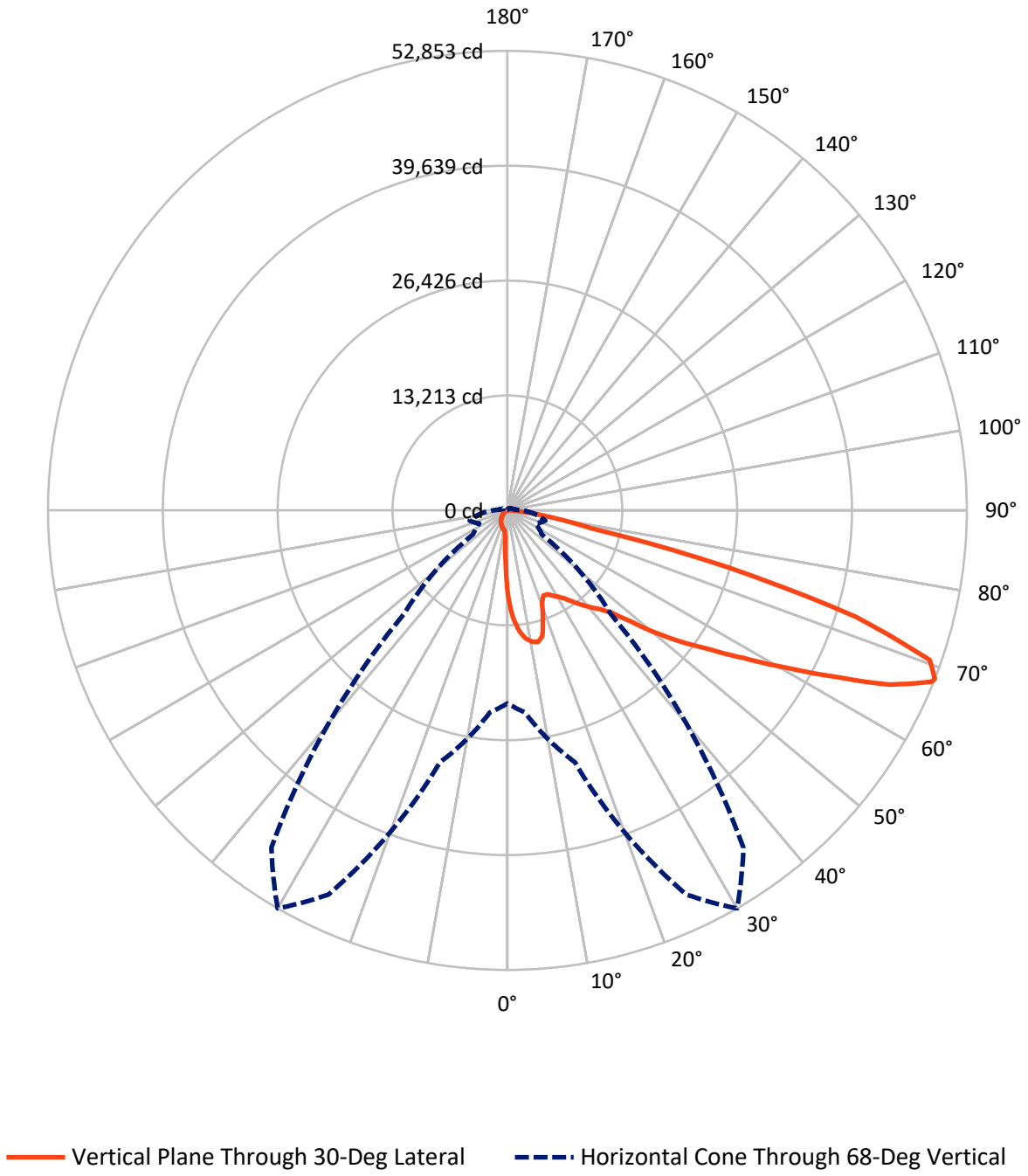
Luminous Intensity Polar Plot



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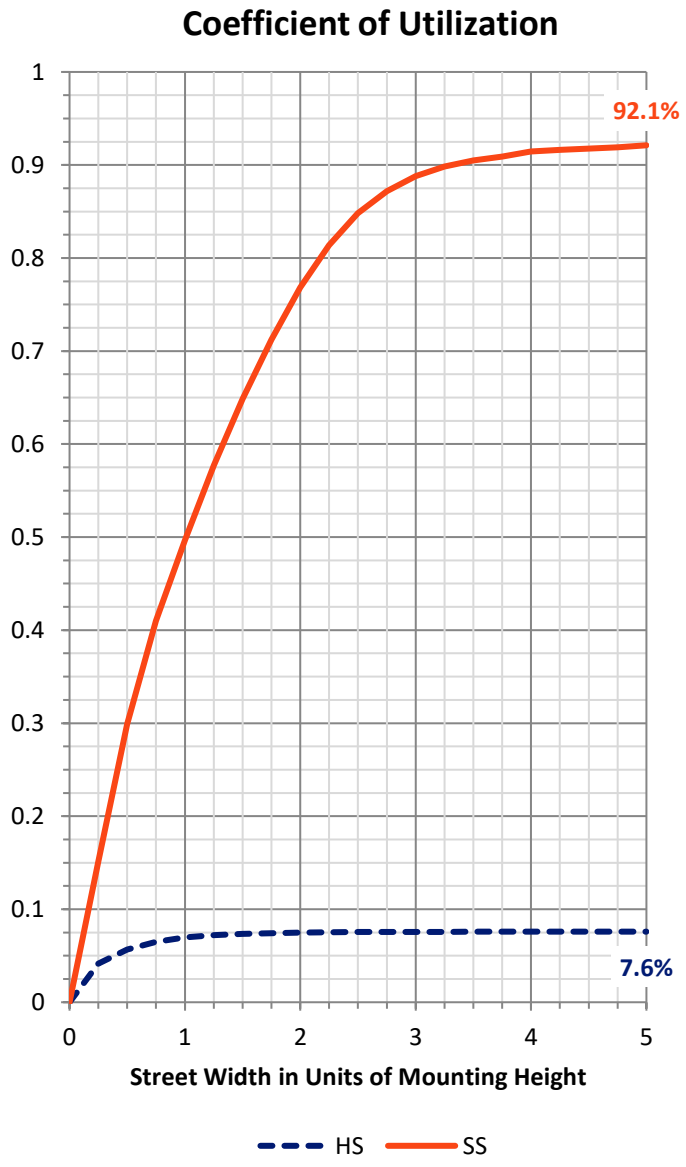
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3830.7	0.0	3830.7
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	46358.3	0.0	46358.3
	% Fixture	92.4	0.0	92.4
Total	Lumens	50189.1	0.0	50189.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	854.0	1.7
10°-20°	2438.0	4.9
20°-30°	3831.3	7.6
30°-40°	6009.0	12.0
40°-50°	8981.8	17.9
50°-60°	11948.6	23.8
60°-70°	11550.6	23.0
70°-80°	4152.0	8.3
80°-90°	423.7	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°	50189.1	100.0
0°-180°	50189.1	100.0



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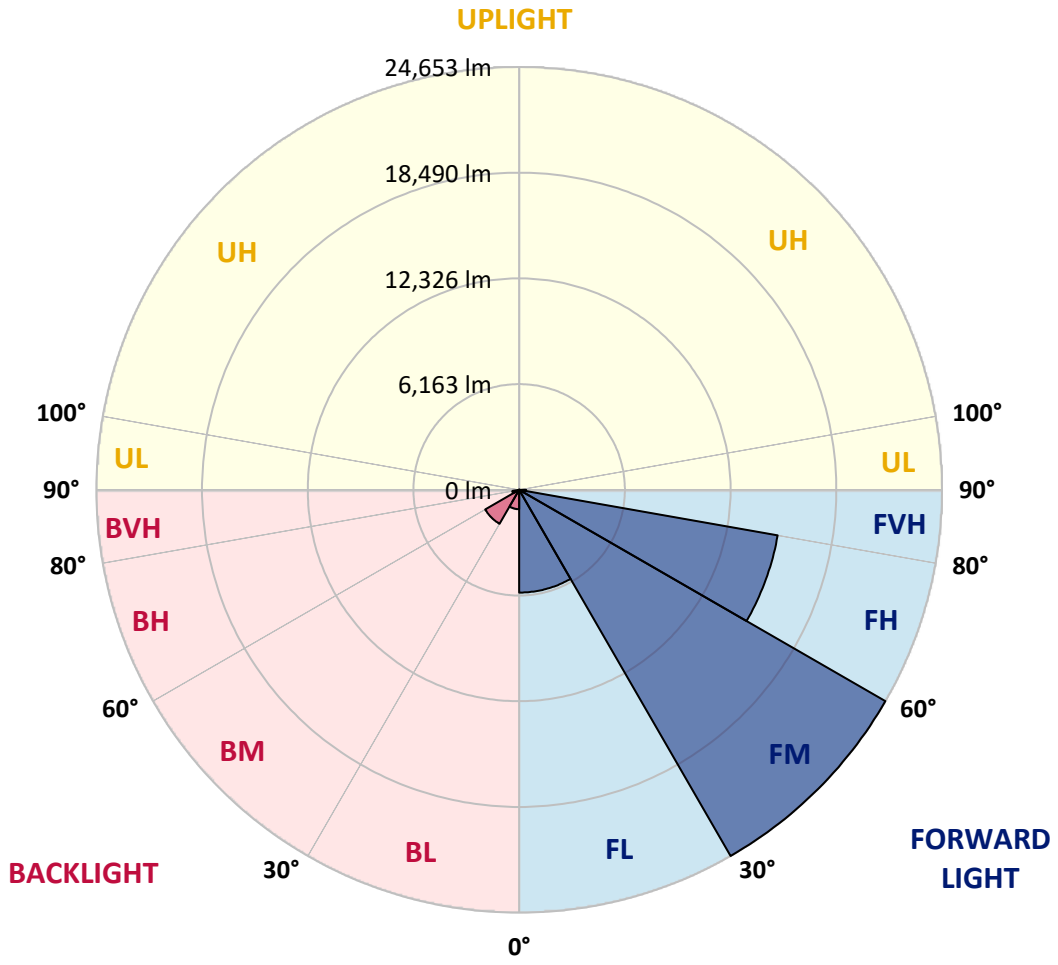
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	5992.6	11.9			
FM	(30°-60°)	24652.9	49.1			
FH	(60°-80°)	15304.2	30.5			G5
FVH	(80°-90°)	408.7	0.8			G3/500
BL	(0°-30°)	1130.7	2.3	B3/2500		
BM	(30°-60°)	2286.6	4.6	B2/2500		
BH	(60°-80°)	398.4	0.8	B1/500		G1/500
BVH	(80°-90°)	15.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G5
Type IV Short



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REPORT NUMBER: P1459022
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	9896.7	9896.7	9896.7	9896.7	*9896.7*	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7
2.5°	12649.1	12649.1	12558.9	12438.5	*12303.2*	12258.1	12002.4	11641.4	11265.4	10829.2	10197.5
5°	14273.5	14258.5	14078.0	14078.0	*13897.5*	13732.0	13476.3	12949.9	12348.3	11566.2	10468.2
7.5°	14995.4	15025.5	14950.3	14950.3	*14845.0*	14724.7	14574.3	14062.9	13356.0	12303.2	10739.0
10°	15251.1	15266.2	15266.2	15371.5	*15341.4*	15326.3	15311.3	15025.5	14288.5	13055.2	11024.7
12.5°	14634.5	14709.7	14920.2	15386.5	*15536.9*	15702.4	15928.0	15837.7	15326.3	14002.8	11460.9
15°	12649.1	12664.2	13250.7	14408.9	*15025.5*	15657.2	16529.6	16710.1	16379.2	15025.5	11912.1
17.5°	10438.2	10483.3	10949.5	12243.0	*13235.7*	14694.6	16875.5	17612.5	17492.2	16033.2	12333.3
20°	9520.7	9580.8	9806.4	10618.6	*11370.7*	12724.3	16529.6	18469.8	18514.9	17041.0	12724.3
22.5°	9310.1	9355.2	9535.7	10167.4	*10633.7*	11536.1	15356.4	19146.6	19673.1	18199.1	13190.6
25°	9249.9	9295.1	9565.8	10257.7	*10693.8*	11445.9	14288.5	19507.6	21041.8	19402.3	13641.8
27.5°	9204.8	9265.0	9701.2	10588.6	*11099.9*	11821.9	14093.0	19582.8	22350.3	20680.8	14378.8
30°	9265.0	9355.2	9926.8	10934.5	*11521.1*	12333.3	14559.3	19658.0	23794.2	22139.7	15311.3
32.5°	9505.6	9580.8	10272.7	11400.7	*12077.6*	12995.0	15356.4	20109.2	25162.9	23628.7	16198.7
35°	9776.4	9881.7	10708.9	12062.5	*12874.7*	13912.5	16439.3	20996.6	26471.4	25042.5	17116.2
37.5°	10107.3	10227.6	11220.3	12814.6	*13747.1*	14920.2	17612.5	22230.0	27629.5	26200.7	18033.6
40°	10558.5	10693.8	11806.8	13611.7	*14619.4*	15792.6	18770.6	23448.2	28516.9	26892.5	18635.3
42.5°	12333.3	12513.8	12980.0	14393.8	*15521.9*	16725.1	19913.7	24606.4	28847.8	27118.1	18755.6
45°	15642.2	15822.7	15702.4	15973.1	*16725.1*	17853.2	21162.1	25719.4	28892.9	27058.0	18695.4
47.5°	18966.2	19176.7	19071.4	18921.0	*19086.5*	19627.9	22560.8	26426.3	28652.3	27027.9	18695.4
50°	22139.7	22019.4	22034.4	21989.3	*22139.7*	22425.5	23914.5	26561.6	28592.1	27313.7	18860.9
52.5°	23839.3	23899.5	24275.5	24832.0	*25162.9*	25448.6	25463.7	26772.2	28155.9	26832.4	18665.3
55°	25508.8	25629.1	26501.5	27449.0	*28186.0*	28727.5	27012.9	26636.8	25553.9	25223.0	17642.6
57.5°	27388.9	27554.3	28787.6	30742.9	*32036.4*	32322.2	28547.0	24110.0	21628.3	22921.8	15657.2
60°	29975.8	30171.4	31810.8	34743.7	*36668.9*	36082.3	28667.3	20094.2	17176.3	19026.3	12919.8
62.5°	32006.3	32397.4	35360.4	39932.7	*42053.4*	40188.4	26426.3	15401.5	12002.4	13371.1	9430.4
65°	29840.5	30592.5	35420.5	45873.7	*48325.3*	45016.4	22906.8	10513.4	6768.3	8648.3	6031.3
67.5°	24125.1	25177.9	31449.8	48761.5	*52626.9*	47558.3	18033.6	5580.1	3880.5	5023.5	3173.6
68°	*22199.9*	*23343.0*	*29990.9*	*48761.5*	*52852.5*	*47332.7*	*16740.2*	*4828.0*	*3579.7*	*4512.2*	*2752.4*
70°	15341.4	16153.6	23057.2	46024.1	*51529.0*	43151.4	11024.7	2767.5	2692.3	3098.4	1819.9
72.5°	7520.3	8392.6	12333.3	36473.4	*41978.2*	33164.4	5023.5	1834.9	2045.5	2271.1	1428.9
75°	2993.1	3173.6	4858.1	17988.5	*26230.7*	21162.1	2632.1	1383.7	1759.7	1774.8	1128.0
77.5°	1714.6	1819.9	2692.3	6617.8	*9836.5*	9460.5	1699.6	992.7	1398.8	1278.4	737.0
80°	962.6	977.6	1519.1	3489.4	*5625.2*	5038.6	1158.1	721.9	1067.9	902.4	496.3
82.5°	481.3	541.5	962.6	1925.2	*3128.4*	3203.6	616.7	511.4	857.3	646.7	406.1
85°	345.9	376.0	691.9	1067.9	*1443.9*	2165.8	376.0	255.7	646.7	436.2	285.8
87.5°	180.5	225.6	436.2	526.4	*586.6*	737.0	180.5	120.3	361.0	255.7	150.4
90°	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0	0.0	0.0	0.0

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Scaled Data Report

REPORT NUMBER: P1459022
CATALOG NUMBER: GLAN-SB7D-840-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7	9896.7
2.5°	9896.7	9550.8	8843.9	8016.6	7369.9	6708.1	6166.6	5655.3	5414.6	5384.5	5444.7
5°	9851.6	9099.5	7490.2	5910.9	4617.5	3715.0	3218.7	2963.0	2827.6	2767.5	2782.5
7.5°	9761.3	8618.2	6046.3	4000.8	2993.1	2602.0	2481.7	2436.6	2421.5	2421.5	2421.5
10°	9671.1	7971.5	4632.5	2932.9	2451.6	2346.3	2316.2	2316.2	2301.2	2301.2	2316.2
12.5°	9626.0	7369.9	3594.7	2451.6	2286.2	2241.0	2211.0	2195.9	2195.9	2195.9	2211.0
15°	9520.7	6708.1	2902.8	2271.1	2180.9	2120.7	2105.7	2090.6	2090.6	2090.6	2090.6
17.5°	9430.4	6061.3	2526.8	2150.8	2075.6	2015.4	2000.4	1985.4	1985.4	2000.4	2000.4
20°	9295.1	5444.7	2271.1	2030.5	1970.3	1910.2	1895.1	1880.1	1895.1	1895.1	1895.1
22.5°	9129.6	4933.3	2120.7	1940.2	1865.0	1804.9	1804.9	1804.9	1804.9	1804.9	1819.9
25°	9024.3	4572.3	2015.4	1834.9	1759.7	1714.6	1699.6	1699.6	1729.7	1729.7	1744.7
27.5°	9189.8	4482.1	2030.5	1804.9	1669.5	1624.4	1609.3	1609.3	1639.4	1654.5	1669.5
30°	9686.1	4647.5	2211.0	1895.1	1609.3	1534.1	1519.1	1519.1	1564.2	1579.3	1594.3
32.5°	10257.7	4993.5	2481.7	2015.4	1564.2	1443.9	1413.8	1413.8	1458.9	1474.0	1489.0
35°	11039.8	5534.9	2842.7	2120.7	1594.3	1353.7	1293.5	1293.5	1323.6	1353.7	1368.7
37.5°	12047.5	6422.3	3263.8	2195.9	1594.3	1248.4	1173.2	1158.1	1188.2	1188.2	1203.2
40°	13100.3	7580.4	3700.0	2195.9	1519.1	1143.1	1067.9	1022.8	1037.8	1022.8	1037.8
42.5°	13686.9	8513.0	4076.0	2060.6	1428.9	1037.8	962.6	902.4	887.4	857.3	872.4
45°	14017.8	8934.1	3970.7	1910.2	1338.6	962.6	872.4	797.2	767.1	721.9	721.9
47.5°	14017.8	8979.2	3399.2	1789.8	1248.4	902.4	782.1	706.9	661.8	616.7	631.7
50°	13852.4	8573.1	2692.3	1669.5	1143.1	842.3	706.9	646.7	586.6	556.5	556.5
52.5°	13160.5	7249.6	2060.6	1519.1	1022.8	767.1	631.7	571.5	511.4	496.3	496.3
55°	11972.3	5324.4	1669.5	1368.7	917.5	706.9	571.5	526.4	466.3	436.2	436.2
57.5°	9731.2	3639.8	1383.7	1233.3	812.2	631.7	511.4	466.3	391.1	361.0	361.0
60°	7219.5	2376.4	1173.2	1082.9	691.9	571.5	451.2	391.1	330.9	300.8	285.8
62.5°	4873.1	1609.3	977.6	857.3	586.6	496.3	391.1	330.9	255.7	195.5	195.5
65°	3038.2	1248.4	812.2	676.8	511.4	436.2	330.9	255.7	180.5	135.4	120.3
67.5°	1744.7	1007.7	661.8	526.4	436.2	345.9	255.7	210.6	150.4	105.3	90.2
68°	*1609.3*	*962.6*	*616.7*	*496.3*	*406.1*	*330.9*	*240.6*	*195.5*	*135.4*	*90.2*	*90.2*
70°	1308.5	857.3	526.4	406.1	345.9	270.7	210.6	165.4	105.3	60.2	60.2
72.5°	1158.1	721.9	451.2	315.9	240.6	225.6	165.4	120.3	75.2	45.1	30.1
75°	947.6	571.5	361.0	240.6	165.4	165.4	120.3	75.2	30.1	0.0	0.0
77.5°	616.7	421.1	285.8	150.4	90.2	105.3	75.2	30.1	0.0	0.0	0.0
80°	406.1	315.9	195.5	75.2	45.1	45.1	15.0	0.0	0.0	0.0	0.0
82.5°	285.8	210.6	120.3	30.1	15.0	15.0	0.0	0.0	0.0	0.0	0.0
85°	180.5	90.2	45.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	75.2	30.1	15.0	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

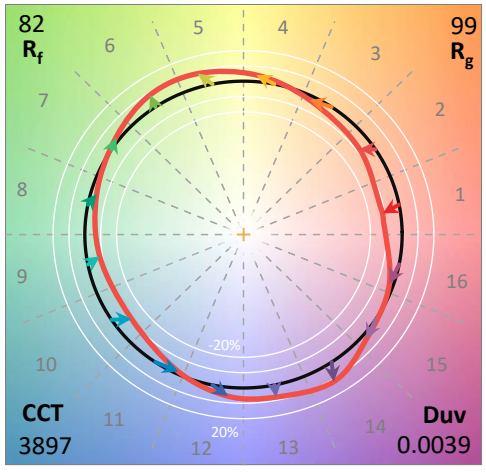
Test Information

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

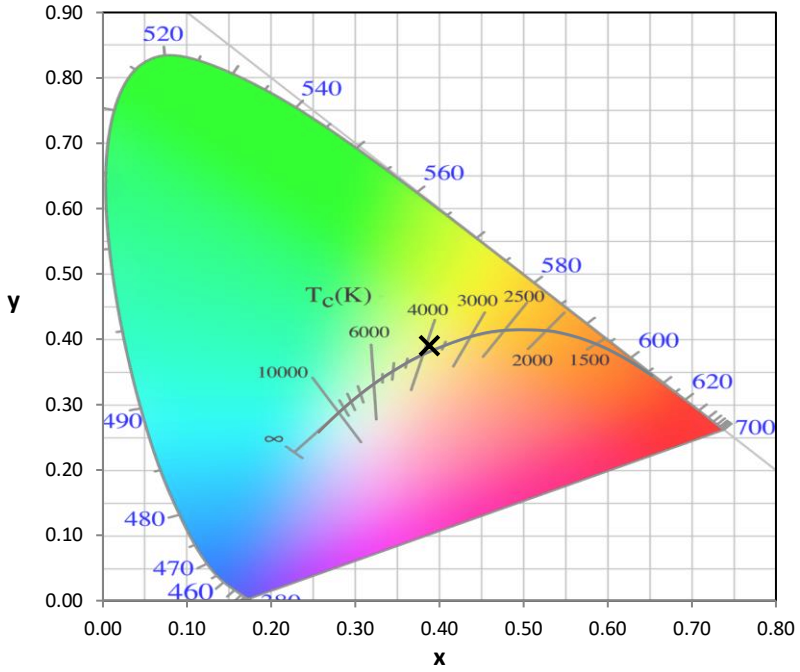
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

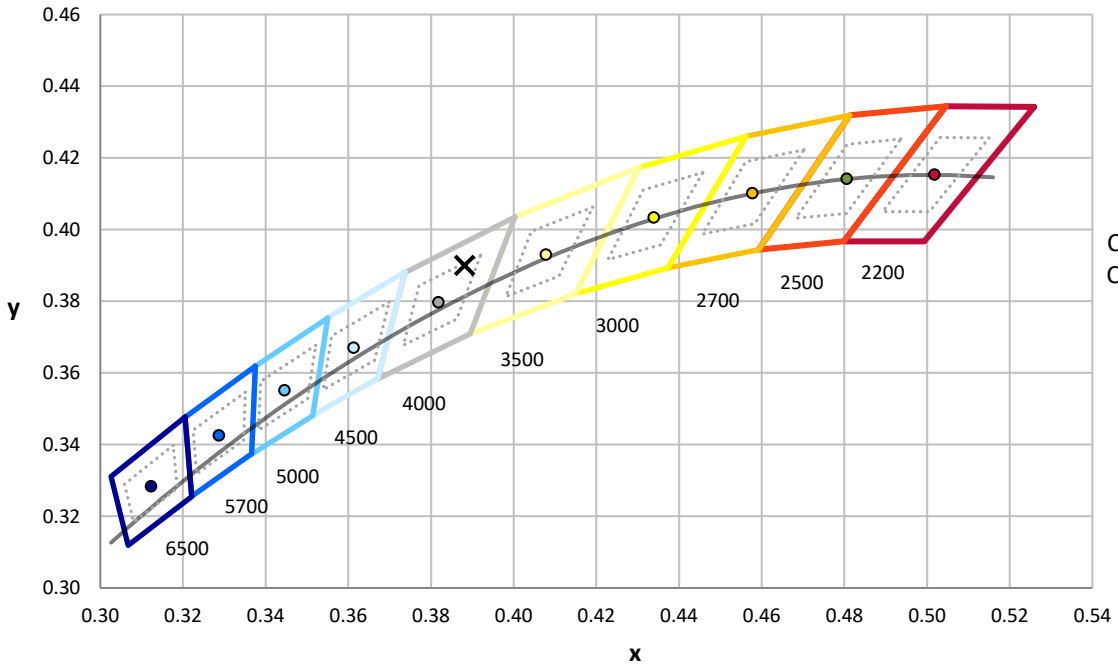
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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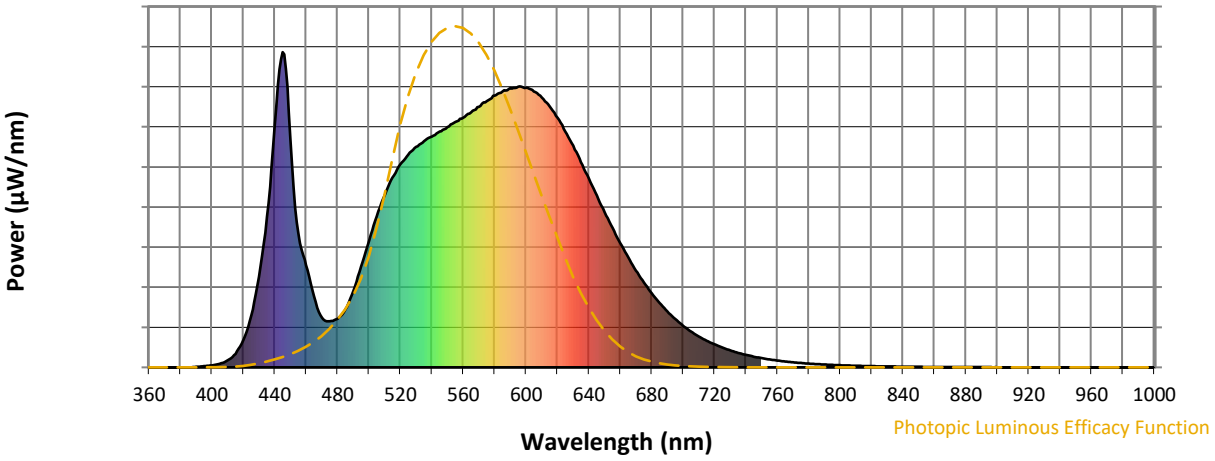
Photopic Flux vs. Wavelength



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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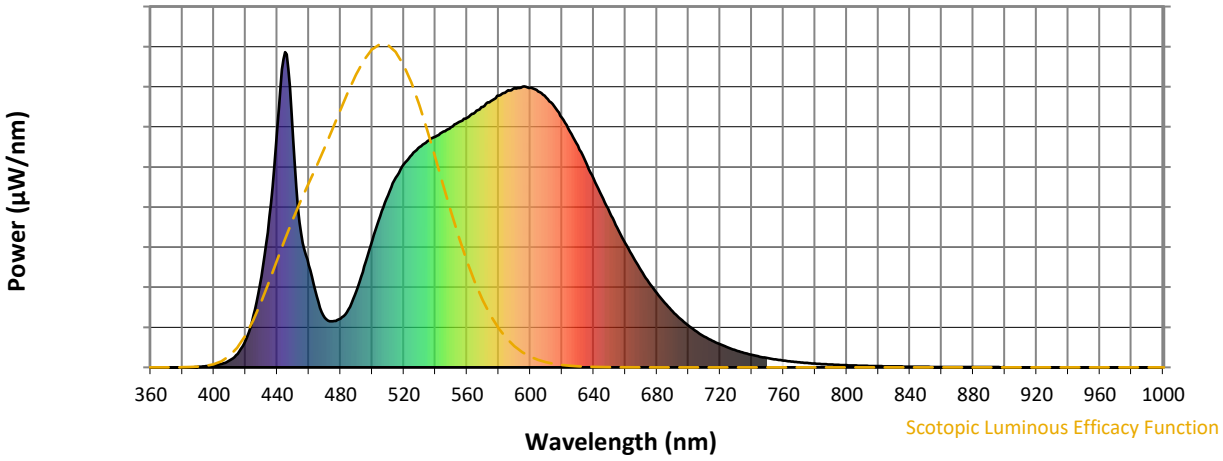
Scotopic Flux vs. Wavelength



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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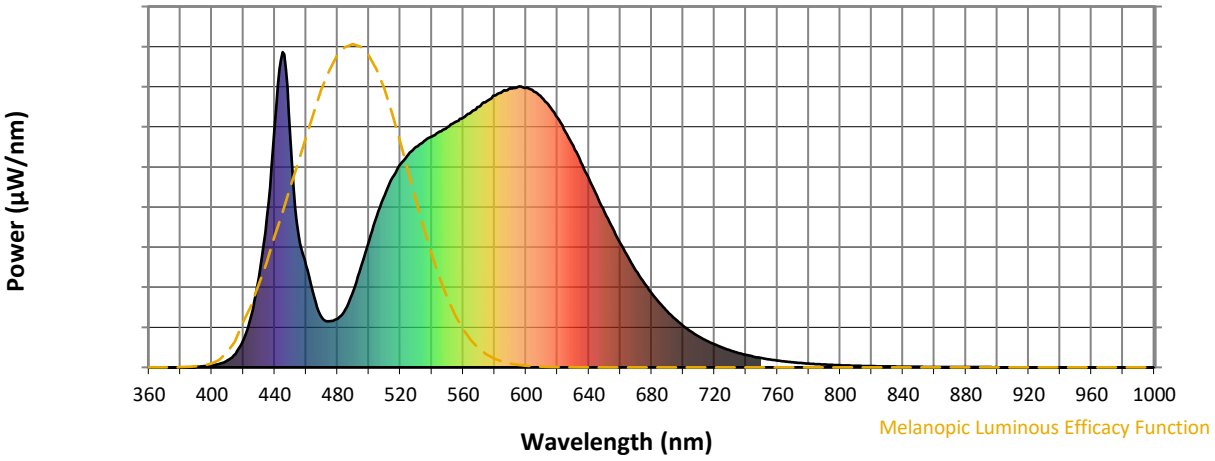
Melanopic Flux vs. Wavelength



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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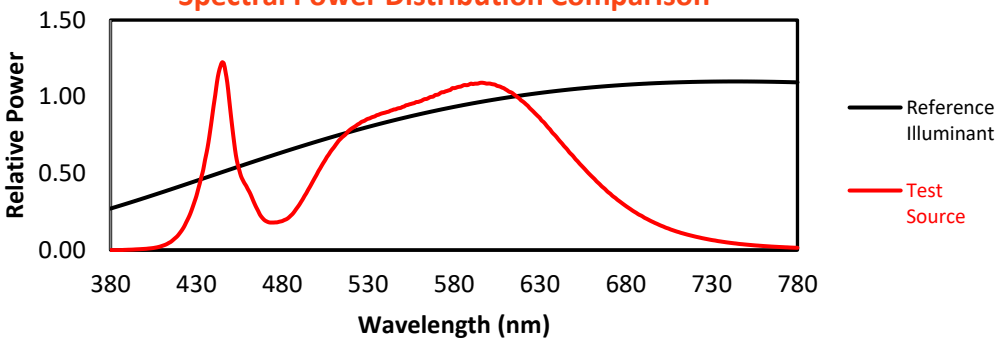
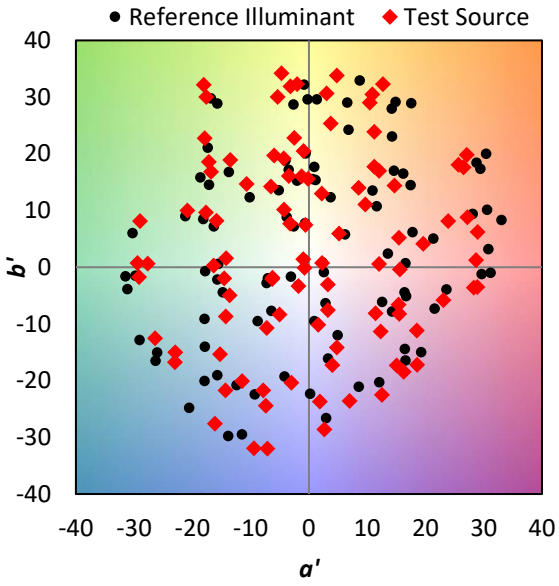
Summary

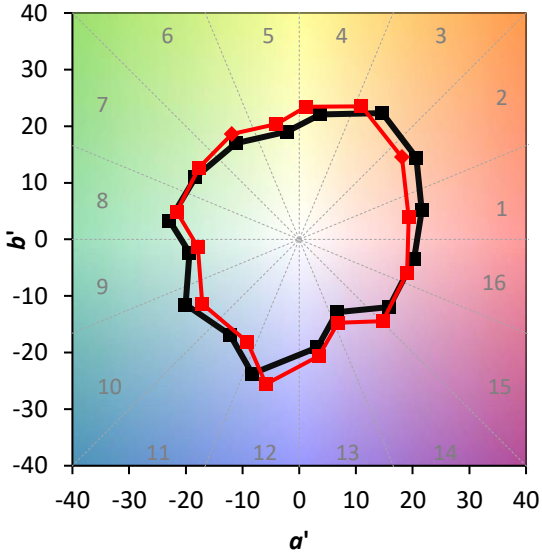
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

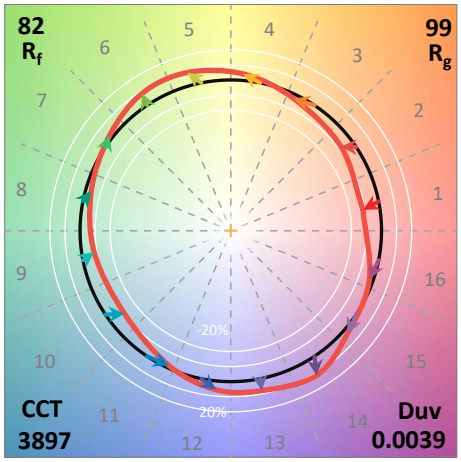
Spectral Power Distribution Comparison

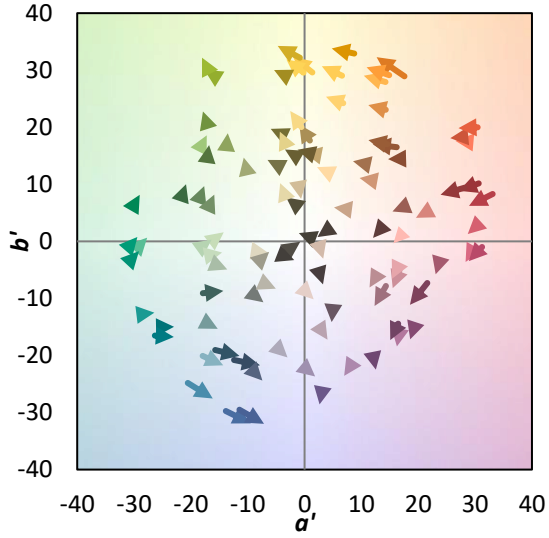


Color Vector Graphics









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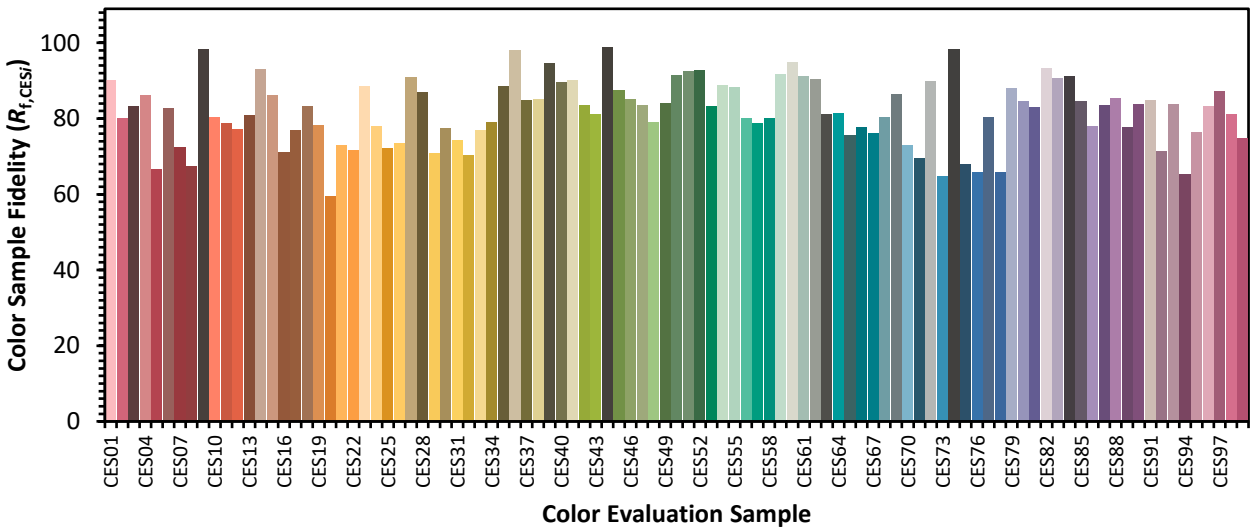
Individual Sample Fidelity Index ($R_{f,i}$)

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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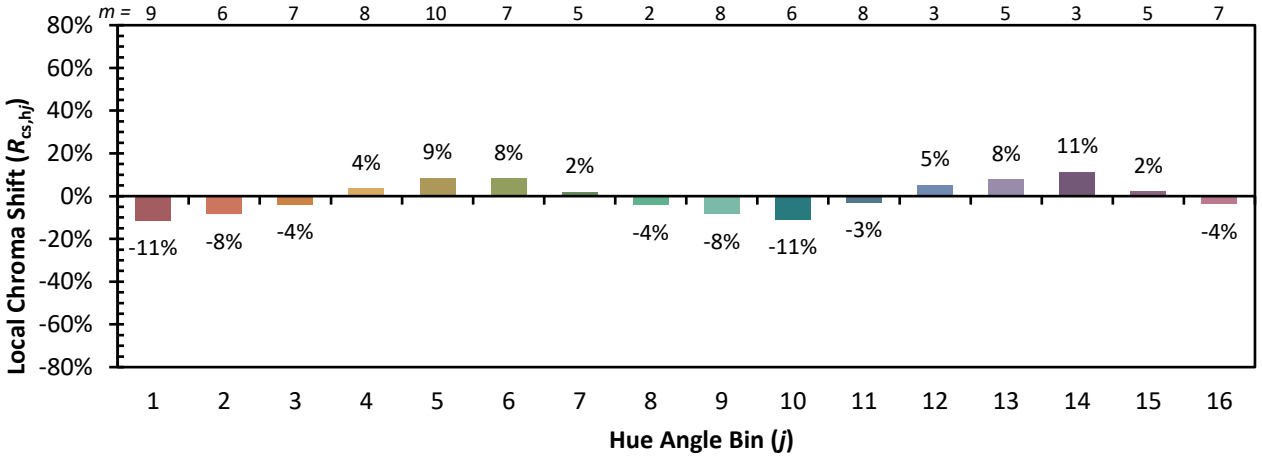
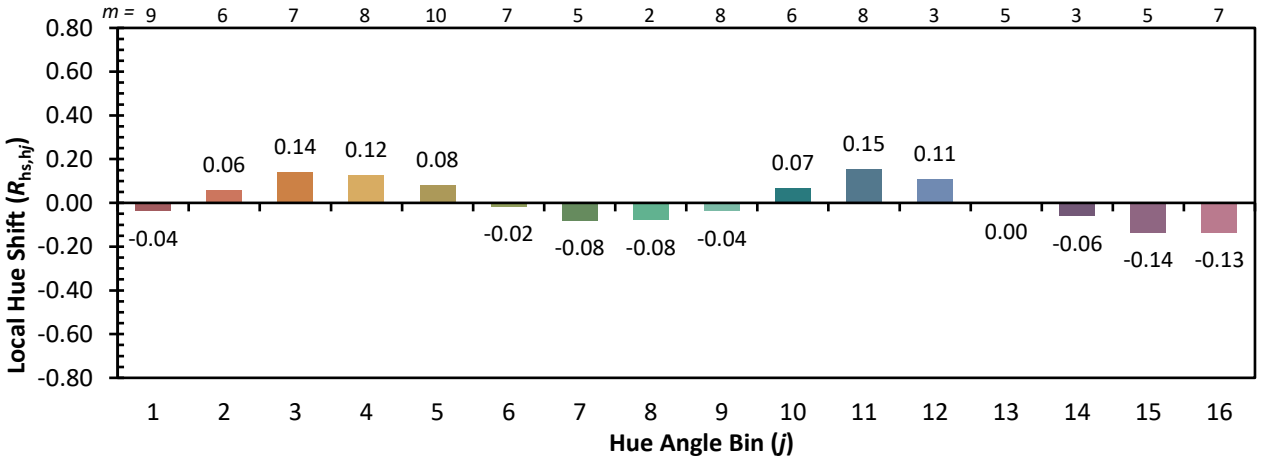
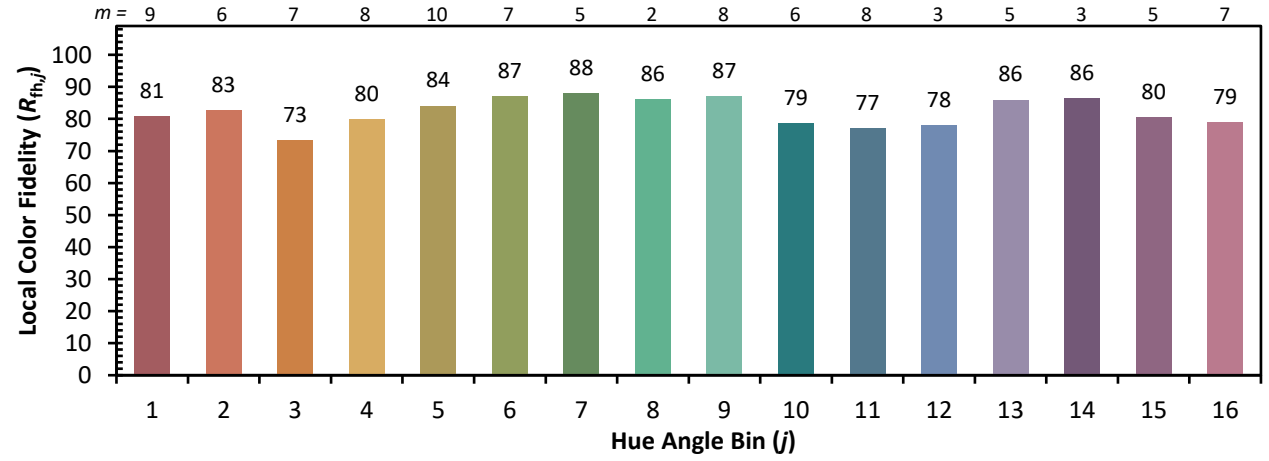
Color Rendition by Hue-Angle Bin







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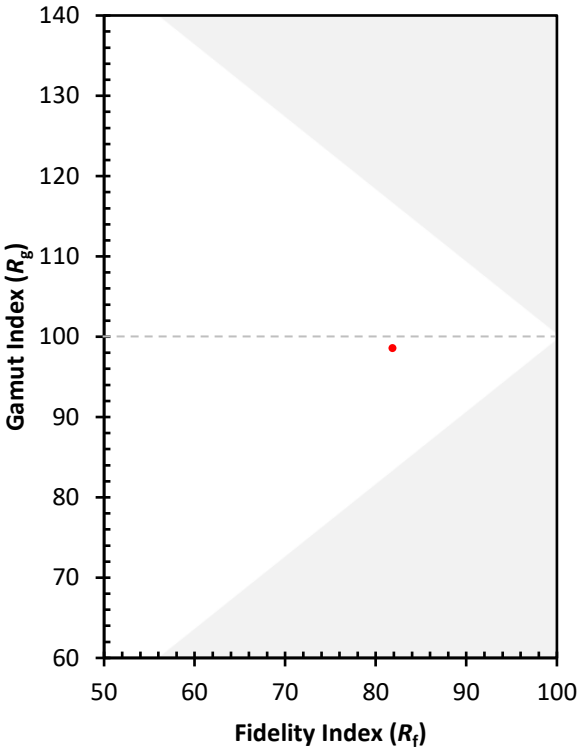
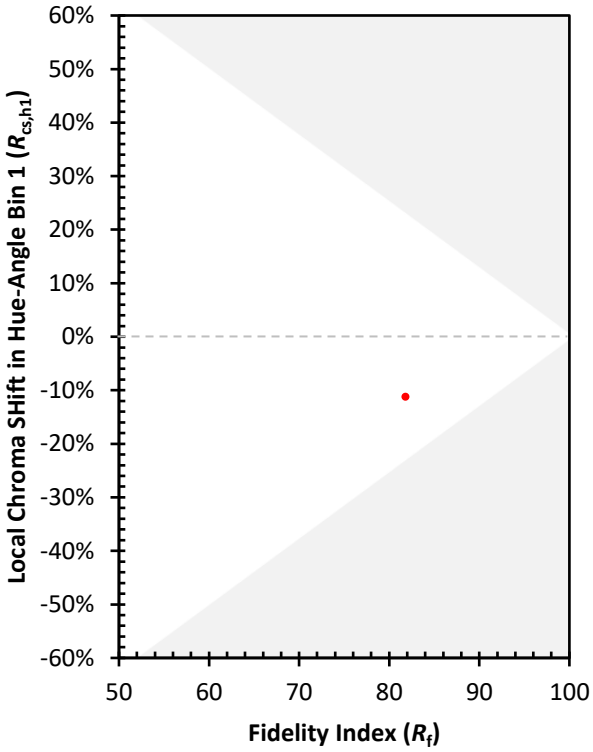
Measure Comparisons





(END OF REPORT)