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: P1457293

Luminaire Tested: GLAN-SB7C-840-U-T4LG

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:	P1457293
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB7C-840-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 7xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(182) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	49851.4 lumens
Efficiency:	N/A
Efficacy:	142.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B4 - U0 - G5

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: P1457293
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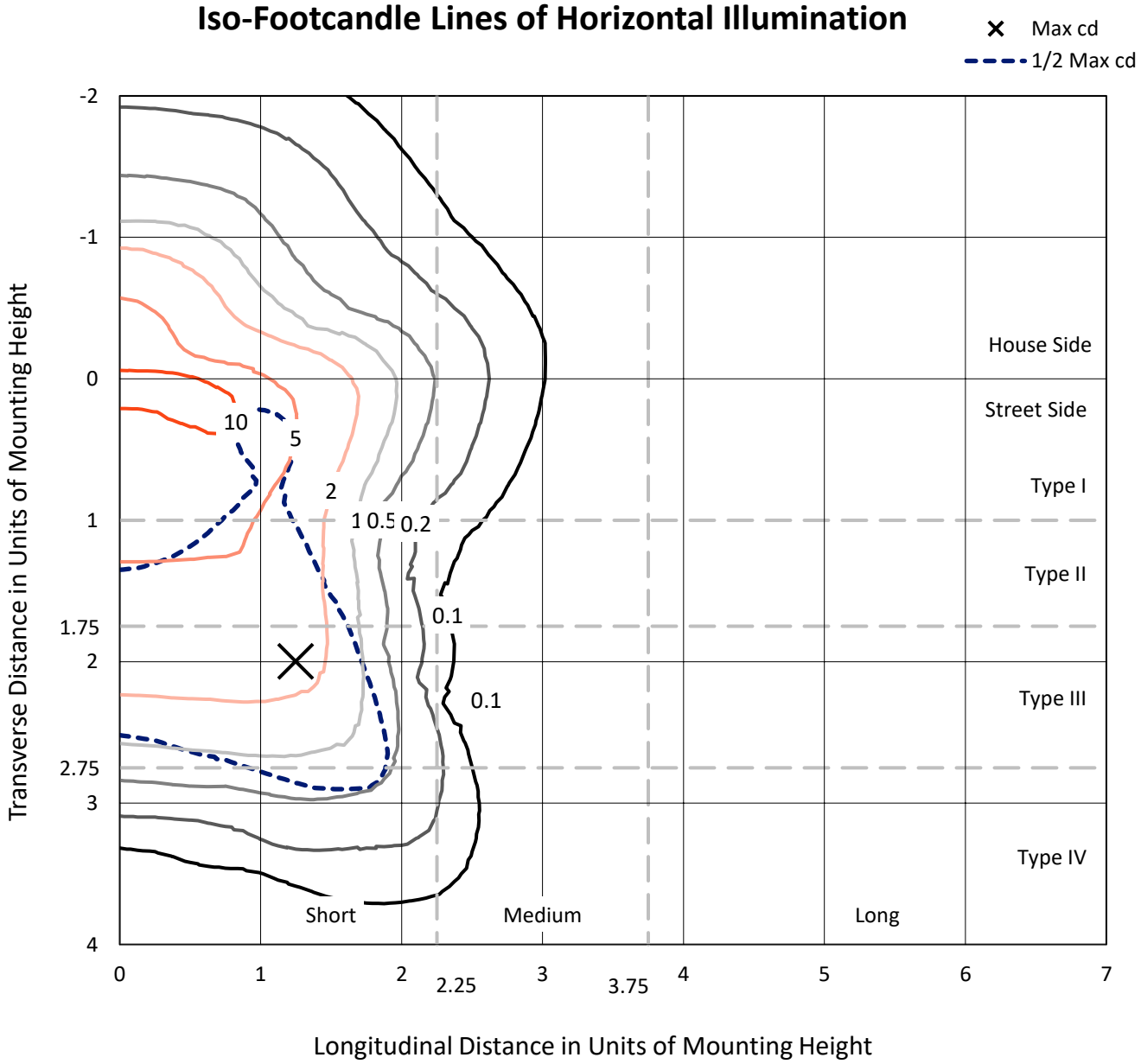
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 13.7 fc
Type IV - Short - N/A

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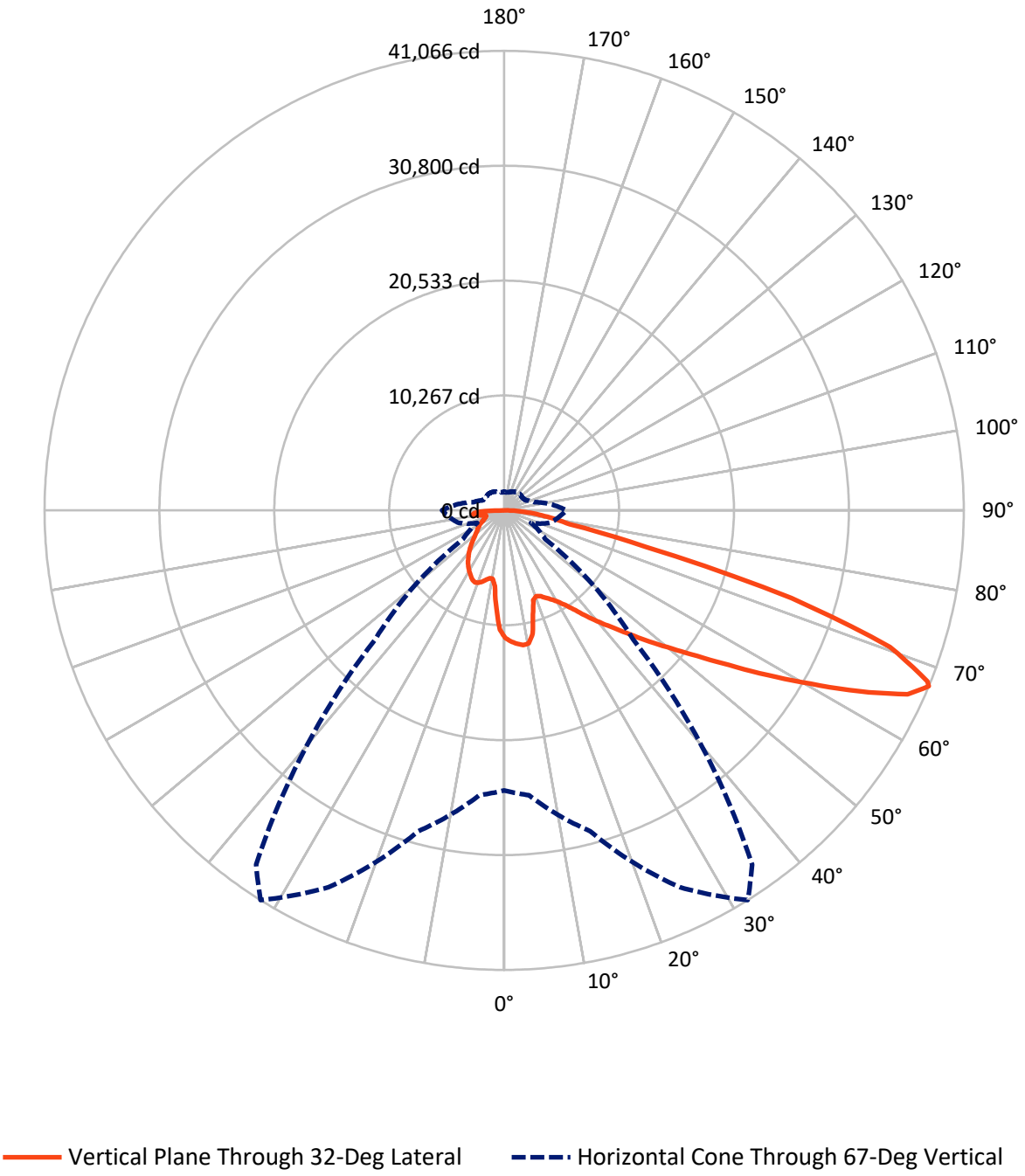
Luminous Intensity Polar Plot



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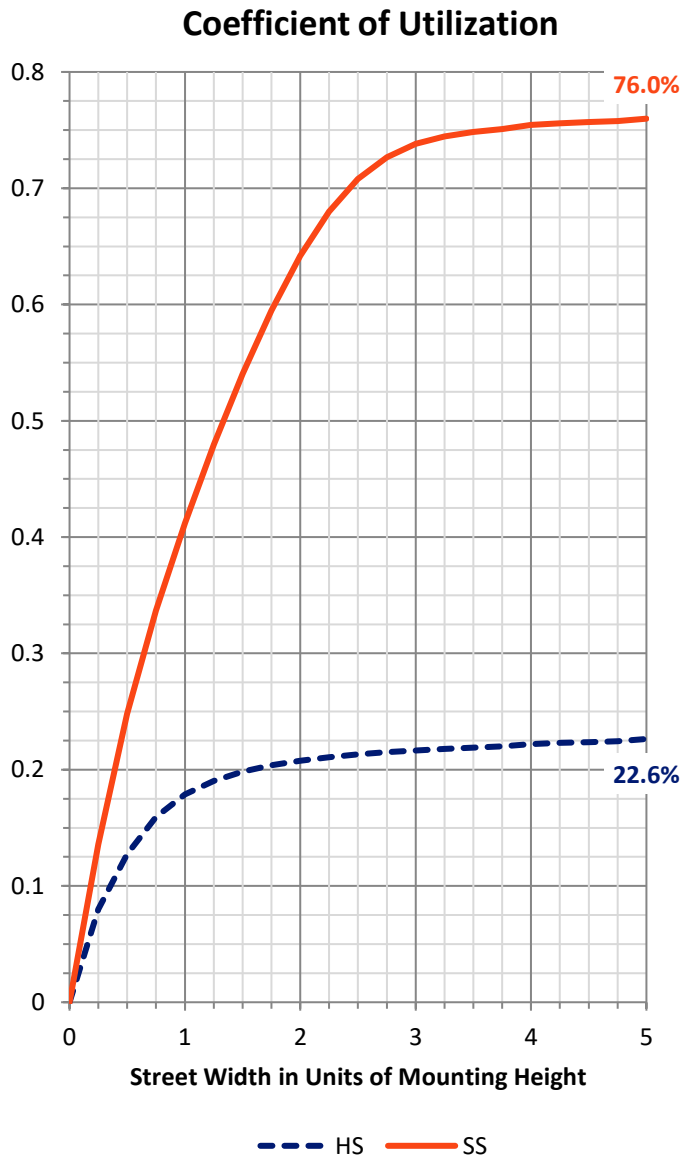
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	11802.1	0.0	11802.1
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	38049.3	0.0	38049.3
	% Fixture	76.3	0.0	76.3
Total	Lumens	49851.4	0.0	49851.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	995.2	2.0
10°-20°	2642.4	5.3
20°-30°	4315.1	8.7
30°-40°	6360.1	12.8
40°-50°	8770.9	17.6
50°-60°	11080.3	22.2
60°-70°	10723.7	21.5
70°-80°	3827.2	7.7
80°-90°	1136.5	2.3
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°	49851.4	100.0
0°-180°	49851.4	100.0



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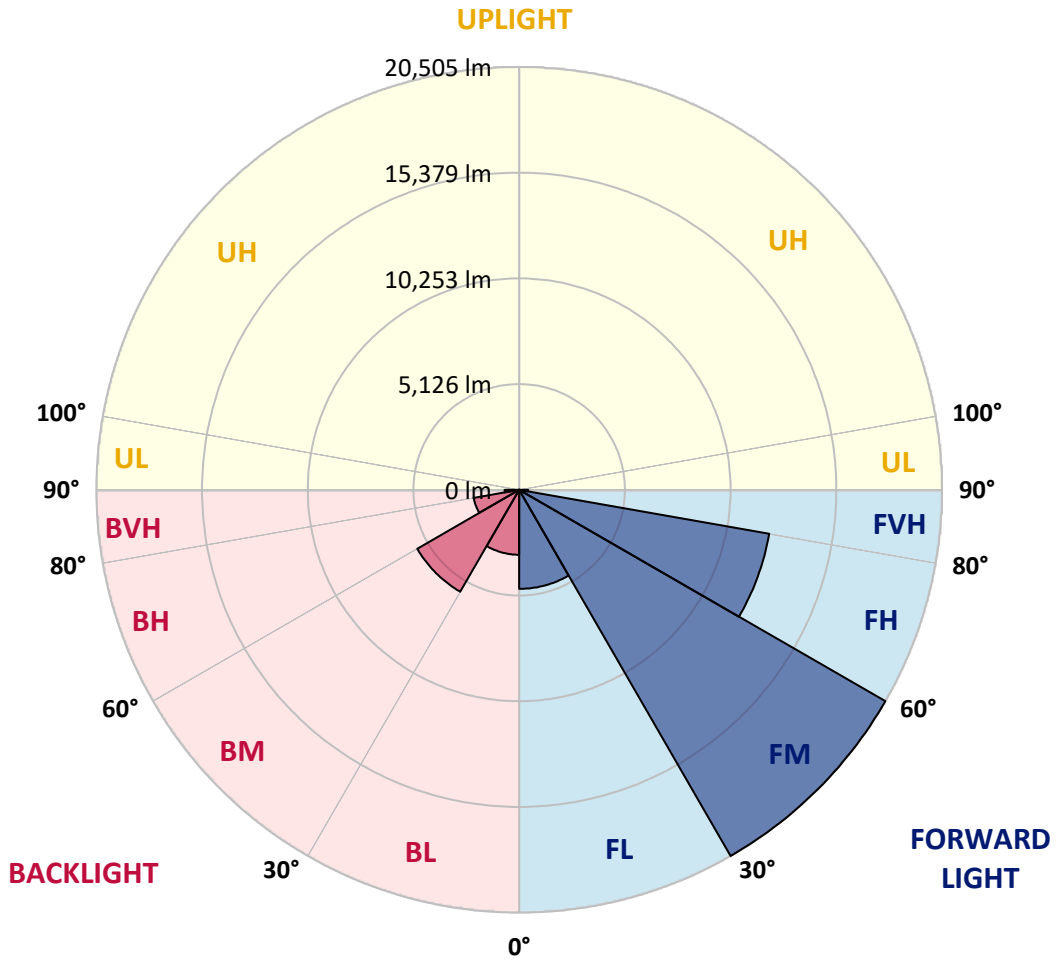
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	4803.3	9.6			
FM	(30°-60°)	20505.5	41.1			
FH	(60°-80°)	12312.3	24.7			G5
FVH	(80°-90°)	428.3	0.9			G3/500
BL	(0°-30°)	3149.4	6.3	B4/5000		
BM	(30°-60°)	5705.8	11.4	B4/8500		
BH	(60°-80°)	2238.7	4.5	B3/2500		G3/2500
BVH	(80°-90°)	708.3	1.4			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G5
Type IV Short



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REPORT NUMBER: P1457293
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	11390.1	11390.1	11390.1	11390.1	*11390.1*	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1
2.5°	11821.7	11788.5	11755.3	11777.5	*11733.2*	11722.1	11666.8	11644.6	11578.2	11567.2	11445.4
5°	12065.3	11998.8	11987.8	12009.9	*11965.6*	11965.6	11921.4	11888.2	11788.5	11733.2	11556.1
7.5°	12065.3	12054.2	12076.3	12153.8	*12164.9*	12164.9	12164.9	12176.0	12076.3	11998.8	11722.1
10°	11379.0	11268.3	11511.8	11899.2	*12087.4*	12198.1	12397.3	12519.1	12441.6	12386.3	12009.9
12.5°	9331.2	9342.3	9729.7	10559.9	*11312.6*	11633.6	12463.7	12906.5	12939.7	12851.2	12375.2
15°	7914.4	7969.7	8169.0	8766.7	*9630.1*	10106.0	12076.3	13249.7	13515.3	13426.8	12818.0
17.5°	7482.7	7515.9	7604.4	7947.6	*8434.6*	8822.0	11024.8	13471.0	14212.7	14102.0	13316.1
20°	7416.3	7438.4	7549.1	7836.9	*8169.0*	8390.3	9951.1	13293.9	14865.7	14821.5	13769.9
22.5°	7427.3	7449.5	7593.4	7991.9	*8335.0*	8523.2	9607.9	12884.4	15552.0	15596.3	14234.8
25°	7449.5	7460.5	7681.9	8213.2	*8644.9*	8877.4	9829.3	12519.1	16127.6	16504.0	14744.0
27.5°	7571.2	7604.4	7903.3	8501.0	*9010.2*	9275.9	10349.6	12640.9	16758.5	17533.4	15352.8
30°	7903.3	7925.4	8290.7	8910.6	*9464.0*	9740.8	10969.4	13127.9	17533.4	18596.0	15950.5
32.5°	8423.5	8445.7	8866.3	9508.3	*10106.0*	10438.1	11777.5	14057.7	18396.8	19714.0	16548.2
35°	9143.0	9154.1	9630.1	10316.4	*10947.3*	11323.6	12718.3	15109.3	19293.4	20665.9	16991.0
37.5°	9995.4	10072.8	10559.9	11279.4	*12021.0*	12364.1	13825.2	16337.9	20090.3	21474.0	17245.6
40°	11168.7	11190.8	11666.8	12364.1	*13150.0*	13482.1	14932.1	17500.2	20964.8	21949.9	17478.0
42.5°	12375.2	12563.4	12961.9	13736.7	*14323.3*	14589.0	16194.0	18562.8	21662.1	21972.1	17378.4
45°	13991.3	14135.2	14533.7	15219.9	*15806.6*	16116.5	17555.5	19536.9	22016.3	21783.9	17157.0
47.5°	15839.8	15928.4	16249.4	16869.2	*17522.3*	17743.7	18972.3	20090.3	22149.2	21651.1	17057.4
50°	18020.4	18020.4	18252.9	18784.2	*19381.9*	19691.8	20278.5	20422.4	22536.6	21418.6	17312.0
52.5°	19857.9	19946.4	20256.4	21009.1	*21606.8*	21961.0	21296.8	20931.6	21750.7	20123.5	17389.5
55°	21617.9	21717.5	22414.8	23355.7	*24374.0*	24761.5	22569.8	20677.0	19105.2	18230.7	16858.2
57.5°	23300.3	23510.7	24385.1	26222.6	*27761.2*	27728.0	24185.9	18396.8	15596.3	16138.7	15695.9
60°	25647.0	25868.4	27263.1	29576.5	*31458.2*	30672.3	24208.0	15308.5	12153.8	12884.4	13515.3
62.5°	27606.2	27982.6	30030.3	33882.4	*35609.1*	34380.5	22204.5	11722.1	8069.3	8988.1	10449.2
65°	27429.1	27927.2	31104.0	37048.1	*39627.2*	38487.1	19271.2	7416.3	4162.0	6143.3	7316.6
67°	*25016.0*	*25558.4*	*29676.1*	*37158.8*	*41066.2*	*38631.0*	*16271.5*	*4483.0*	*2645.5*	*4261.6*	*5080.7*
67.5°	23632.4	24429.4	28967.7	36948.5	*40800.5*	38022.2	14921.1	3752.4	2490.5	3962.7	4626.9
70°	14533.7	15817.7	21739.6	32664.8	*36572.1*	31823.5	8290.7	2125.3	2025.6	2656.6	3199.0
72.5°	4372.3	4759.7	8390.3	20953.7	*26842.4*	23588.1	3730.3	1638.2	1815.3	2136.3	2468.4
75°	2125.3	2269.2	3464.6	8567.4	*13072.5*	13006.1	2081.0	1405.8	1682.5	1793.2	1948.2
77.5°	1361.5	1450.0	2158.5	4792.9	*5988.4*	5335.3	1505.4	1228.7	1494.3	1472.2	1450.0
80°	852.3	896.6	1383.6	2778.3	*4416.6*	3686.0	1106.9	1007.3	1284.0	1140.1	1029.4
82.5°	553.5	608.8	885.5	1693.6	*3154.7*	2745.1	730.6	719.5	1062.6	907.7	797.0
85°	365.3	409.6	564.5	996.2	*1870.7*	1959.2	476.0	498.1	819.1	686.3	608.8
87.5°	132.8	166.0	287.8	442.8	*874.5*	1084.8	199.2	188.2	398.5	321.0	254.6
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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Scaled Data Report

REPORT NUMBER: P1457293
CATALOG NUMBER: GLAN-SB7C-840-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1	11390.1
2.5°	11423.3	11390.1	11235.1	11102.3	11002.6	10869.8	10725.9	10559.9	10449.2	10471.3	10438.1
5°	11478.6	11390.1	11091.2	10637.4	10194.6	9641.1	8932.7	8512.1	8191.1	8025.1	8069.3
7.5°	11600.4	11445.4	10814.5	9895.7	8744.5	7615.5	6918.2	6519.7	6331.5	6254.0	6242.9
10°	11810.7	11545.0	10460.3	8744.5	7239.2	6475.4	6220.8	6110.1	6088.0	6088.0	6076.9
12.5°	12065.3	11644.6	9862.5	7626.6	6519.7	6242.9	6198.7	6209.7	6242.9	6276.2	6220.8
15°	12375.2	11688.9	9120.9	6951.4	6375.8	6309.4	6375.8	6453.3	6508.6	6552.9	6497.5
17.5°	12685.1	11644.6	8423.5	6630.4	6397.9	6486.5	6619.3	6741.1	6774.3	6840.7	6796.4
20°	12906.5	11489.7	7825.8	6508.6	6453.3	6652.5	6818.5	6951.4	7017.8	7062.1	7017.8
22.5°	13072.5	11290.4	7394.1	6386.8	6453.3	6696.8	6896.0	7051.0	7128.5	7172.7	7117.4
25°	13216.4	11013.7	7062.1	6209.7	6320.4	6552.9	6774.3	6929.2	7039.9	7106.3	7073.1
27.5°	13393.5	10792.3	6752.1	5944.1	6043.7	6265.1	6497.5	6685.7	6896.0	7006.7	6984.6
30°	13592.8	10681.6	6453.3	5656.3	5722.7	5944.1	6220.8	6475.4	6763.2	6907.1	6907.1
32.5°	13825.2	10604.1	6176.5	5379.6	5434.9	5678.4	5944.1	6176.5	6486.5	6718.9	6707.8
35°	13924.9	10515.6	5955.1	5125.0	5235.7	5434.9	5645.2	5800.2	6121.2	6397.9	6420.0
37.5°	14024.5	10482.4	5844.5	4925.7	5014.3	5169.2	5279.9	5357.4	5656.3	5944.1	5955.1
40°	14146.2	10637.4	5921.9	4792.9	4715.4	4870.4	4925.7	4970.0	5125.0	5313.1	5313.1
42.5°	14068.8	10748.0	6099.0	4671.1	4350.1	4527.2	4549.4	4538.3	4549.4	4560.4	4549.4
45°	13869.5	10637.4	6099.0	4483.0	3962.7	4150.9	4139.8	4084.5	3995.9	3763.5	3730.3
47.5°	13825.2	10570.9	5866.6	4173.0	3575.3	3730.3	3752.4	3641.7	3387.1	3143.6	3066.1
50°	14013.4	10692.7	5501.3	3796.7	3243.2	3376.1	3431.4	3243.2	2955.4	2700.8	2656.6
52.5°	14290.1	10847.7	4970.0	3387.1	2966.5	3099.3	3165.7	2955.4	2656.6	2457.3	2435.2
55°	14256.9	10847.7	4372.3	3010.8	2756.2	2855.8	2966.5	2745.1	2512.7	2402.0	2390.9
57.5°	13537.4	10438.1	3929.5	2745.1	2557.0	2645.5	2789.4	2579.1	2357.7	2379.8	2413.1
60°	12131.7	9375.5	3597.4	2568.0	2379.8	2468.4	2623.4	2379.8	2092.1	2014.6	2014.6
62.5°	9995.4	7726.2	3331.8	2390.9	2213.8	2324.5	2402.0	2081.0	1892.8	1804.3	1804.3
65°	7493.7	5977.3	3055.1	2247.0	2069.9	2191.7	2103.1	1948.2	1760.0	1693.6	1704.6
67°	*5556.7*	*4637.9*	*2822.6*	*2125.3*	*1981.4*	*2036.7*	*1970.3*	*1859.6*	*1671.4*	*1616.1*	*1671.4*
67.5°	4992.1	4405.5	2767.3	2092.1	1959.2	2003.5	1937.1	1848.5	1649.3	1593.9	1649.3
70°	3431.4	3387.1	2468.4	1937.1	1837.5	1793.2	1826.4	1715.7	1549.7	1527.5	1582.9
72.5°	2612.3	2700.8	2213.8	1804.3	1704.6	1649.3	1726.8	1616.1	1450.0	1483.3	1538.6
75°	2047.8	2180.6	1981.4	1616.1	1549.7	1560.7	1715.7	1671.4	1538.6	1571.8	1582.9
77.5°	1516.5	1760.0	1693.6	1405.8	1350.4	1505.4	1937.1	2069.9	1837.5	1782.1	1704.6
80°	1106.9	1261.9	1427.9	1162.3	1129.0	1450.0	2390.9	2645.5	2269.2	2047.8	1992.4
82.5°	819.1	885.5	1173.3	929.8	819.1	1295.1	2656.6	3110.4	2700.8	2280.2	2213.8
85°	586.7	686.3	929.8	686.3	542.4	1062.6	2601.2	3044.0	2678.7	2158.5	2103.1
87.5°	210.3	298.9	398.5	309.9	276.7	730.6	2147.4	2191.7	1671.4	763.8	774.8
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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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

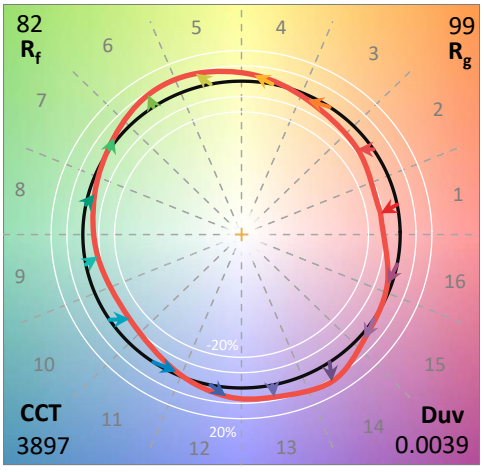
Test Information

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

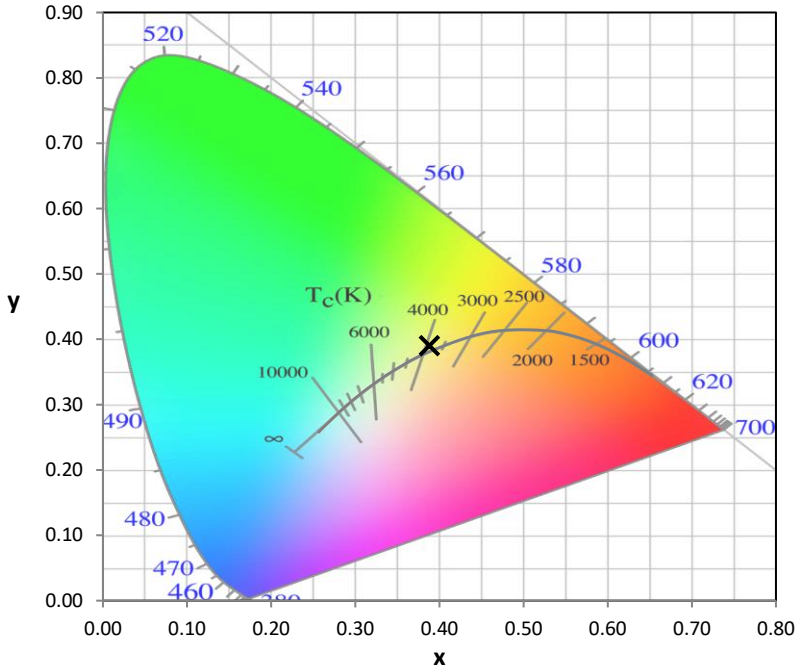
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

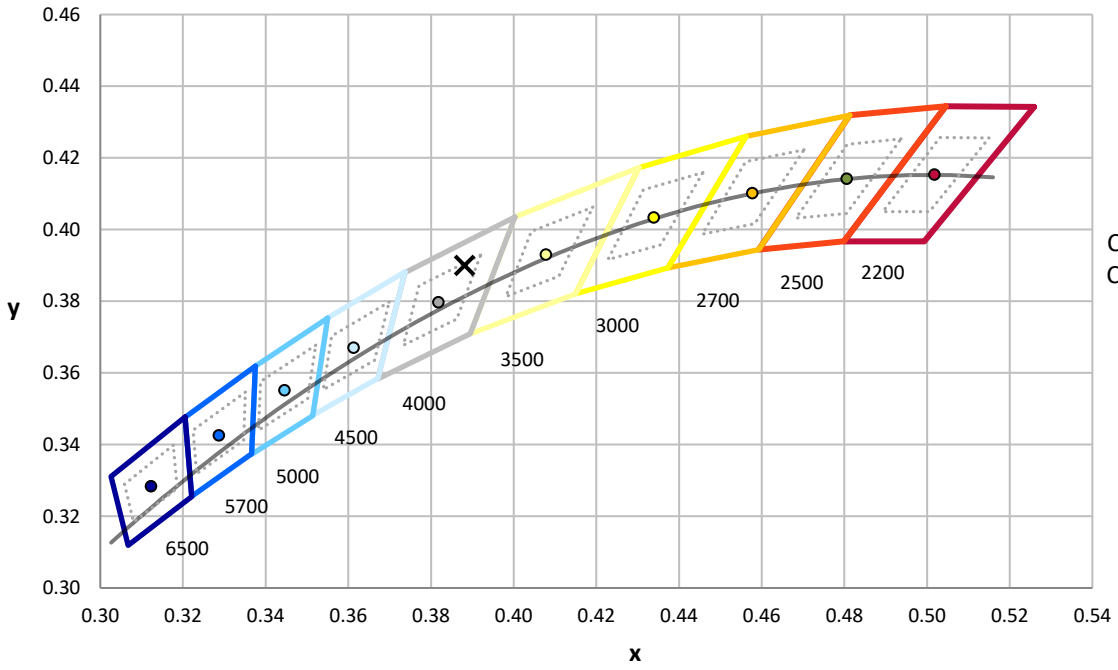
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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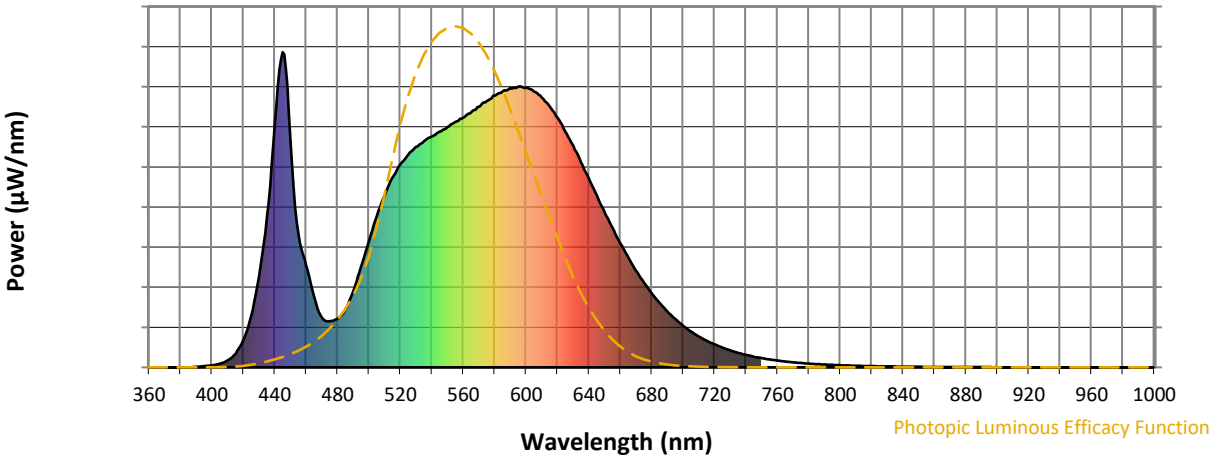
Photopic Flux vs. Wavelength



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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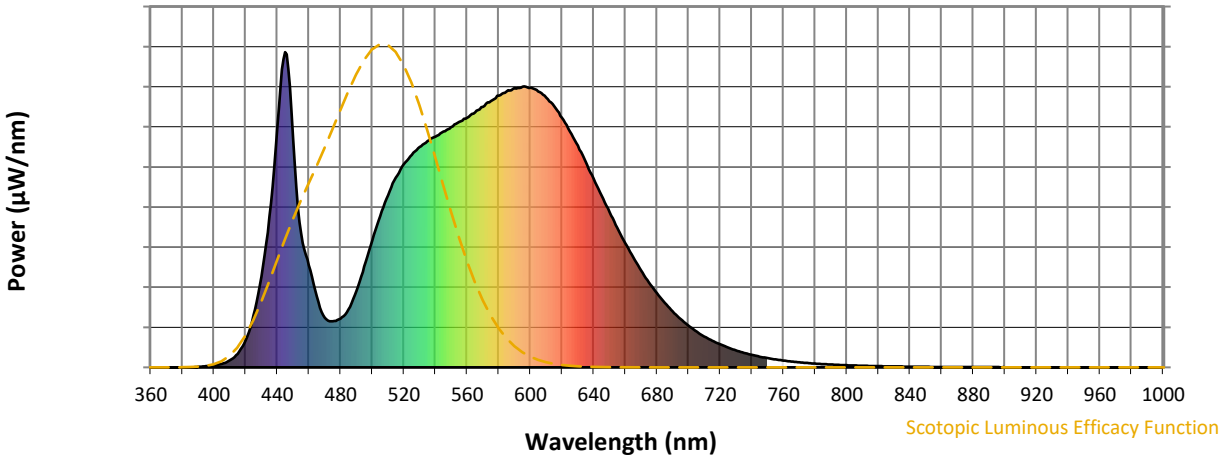
Scotopic Flux vs. Wavelength



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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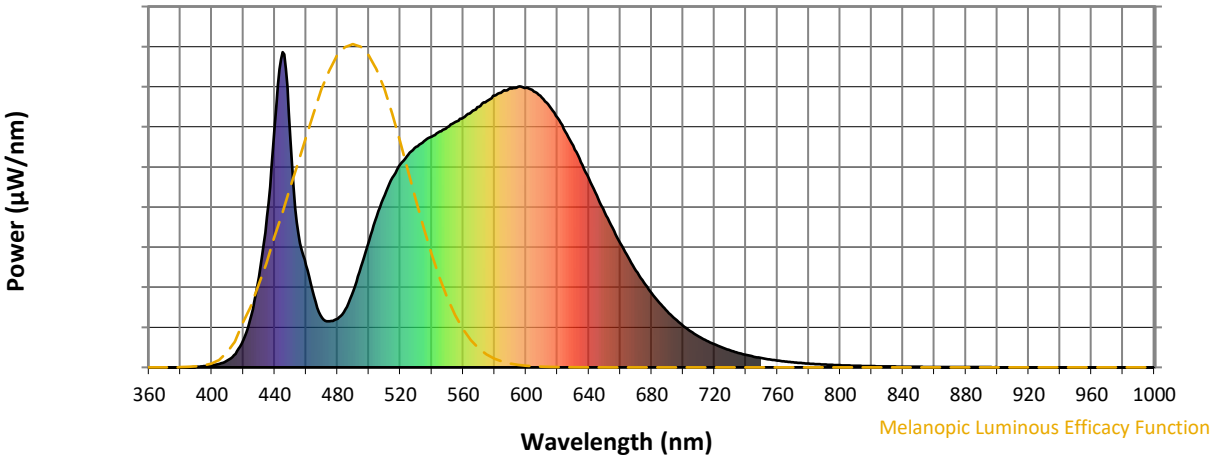
Melanopic Flux vs. Wavelength



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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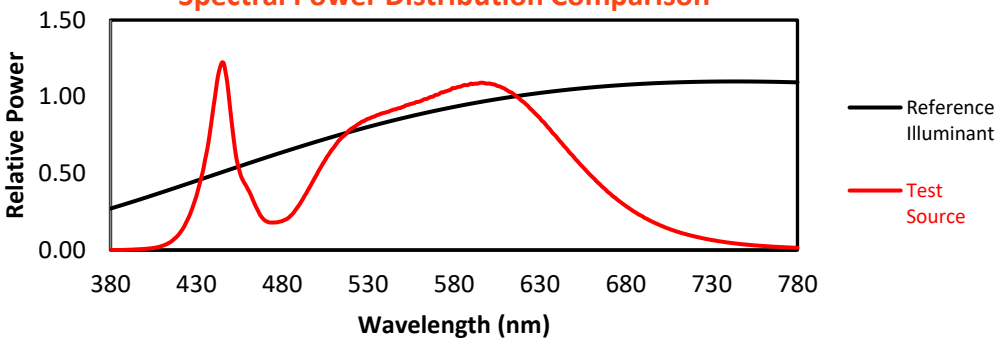
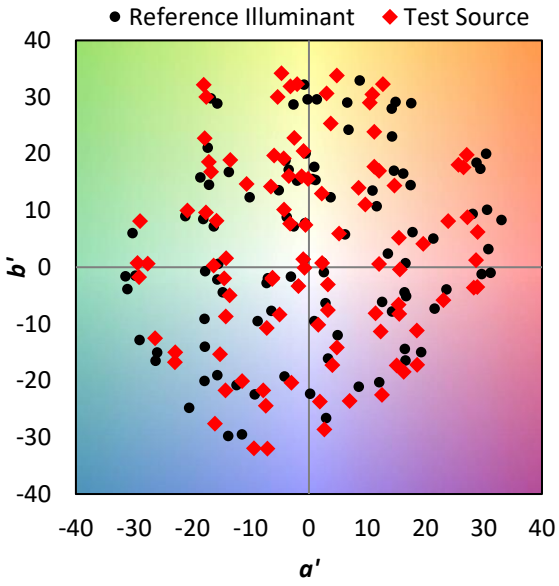
Summary

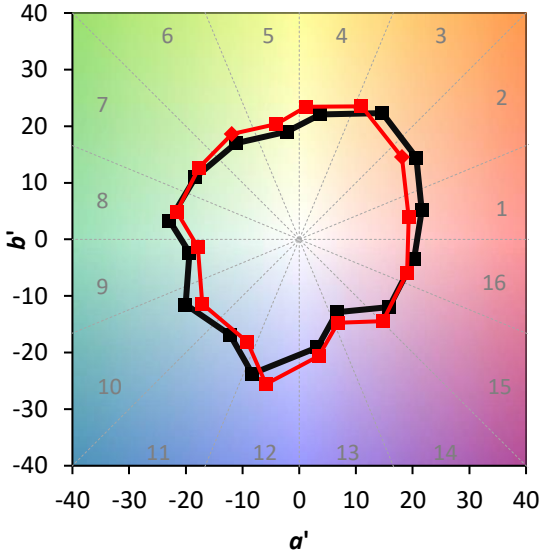
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

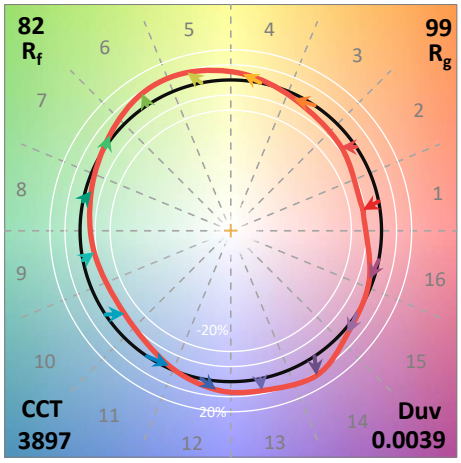
Spectral Power Distribution Comparison

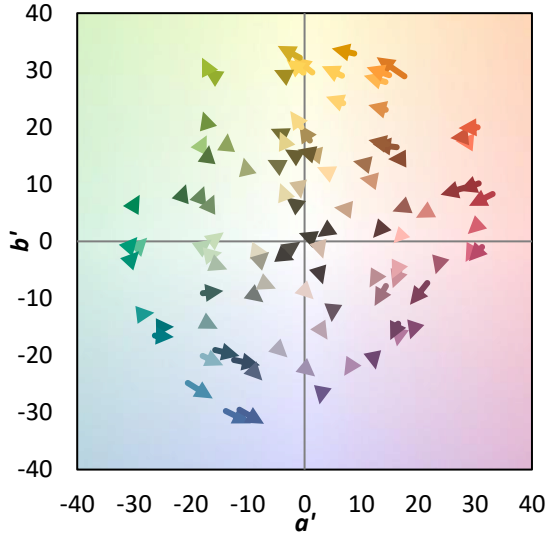


Color Vector Graphics









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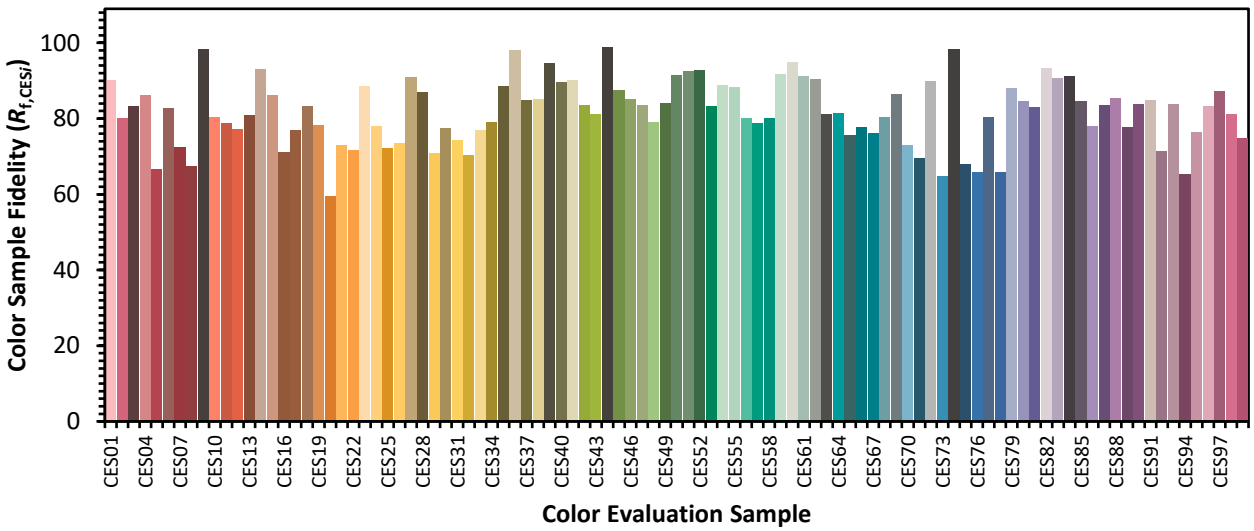
Individual Sample Fidelity Index ($R_{f,i}$)

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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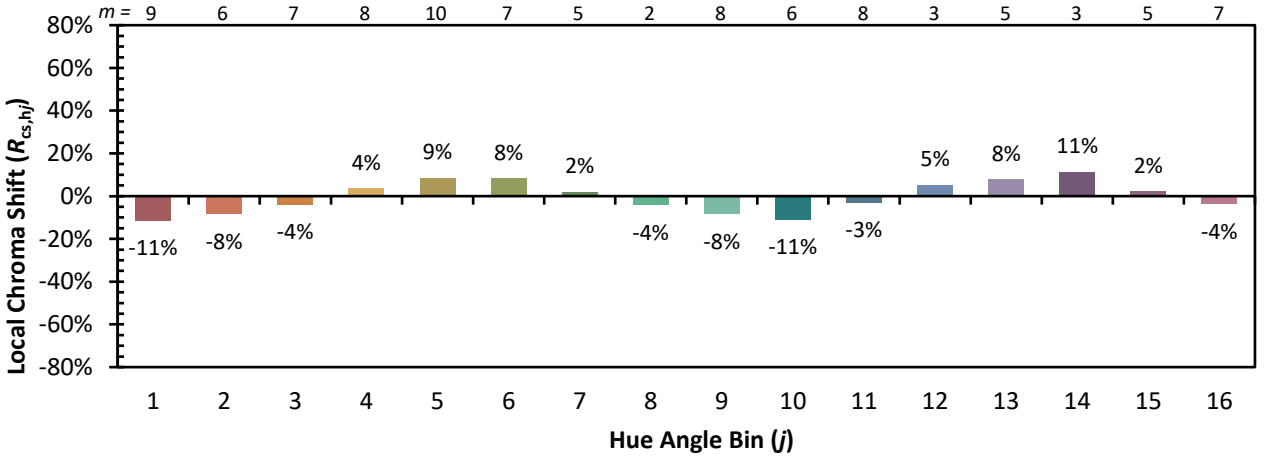
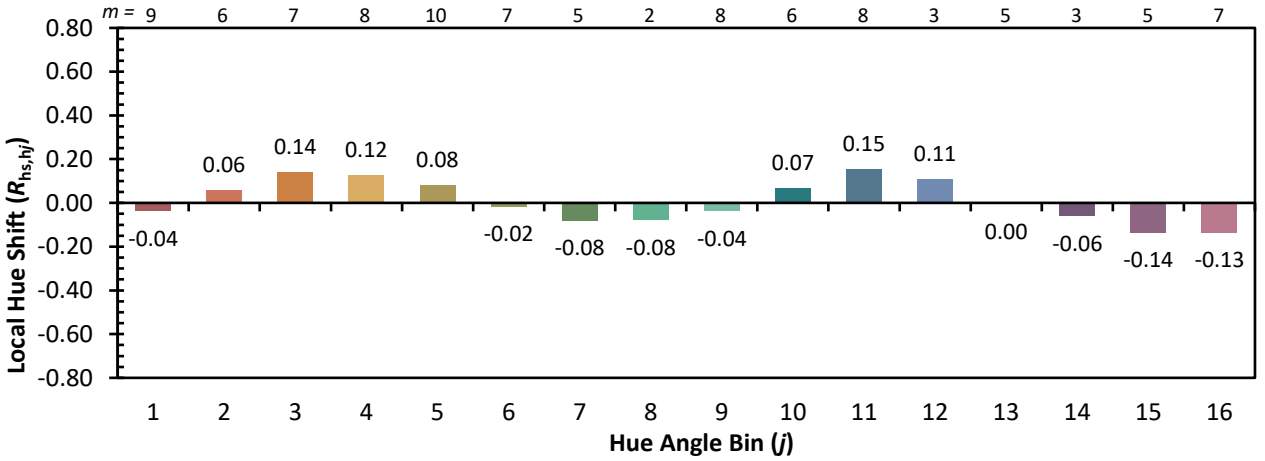
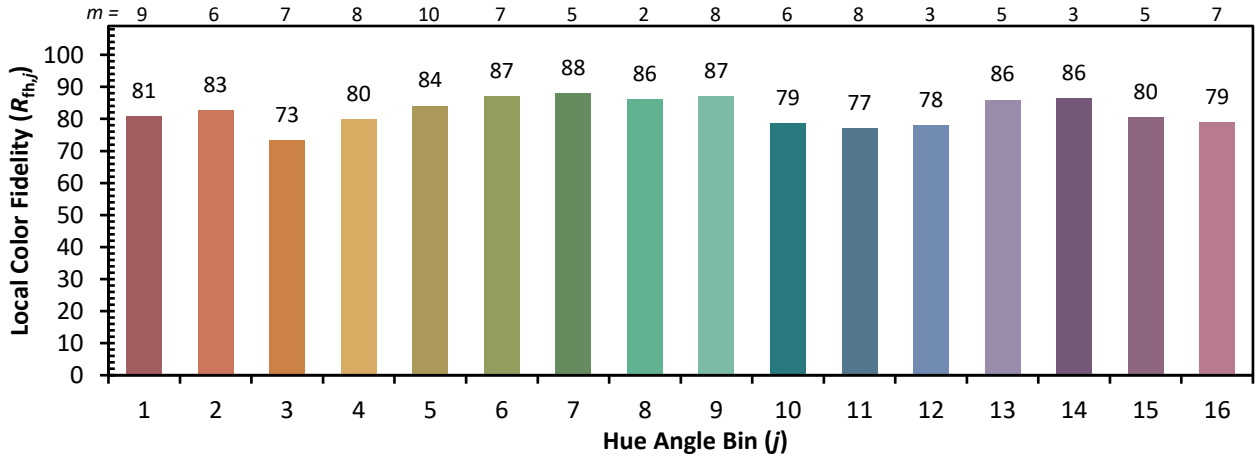
Color Rendition by Hue-Angle Bin







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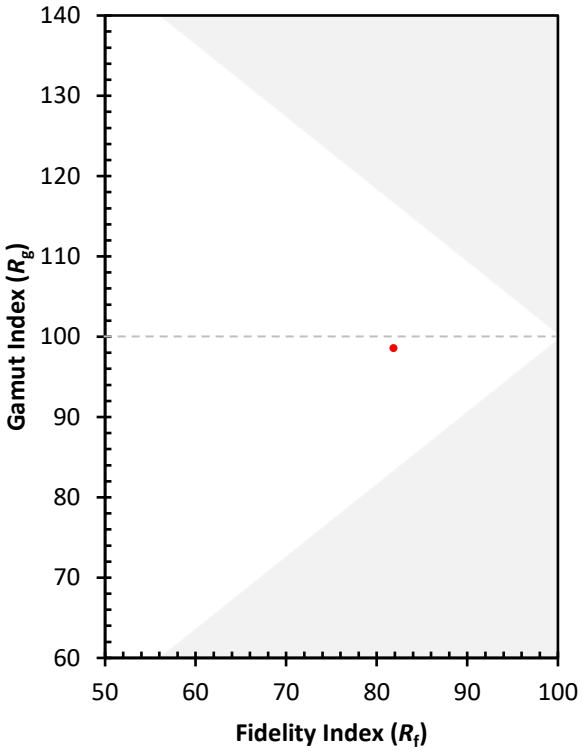
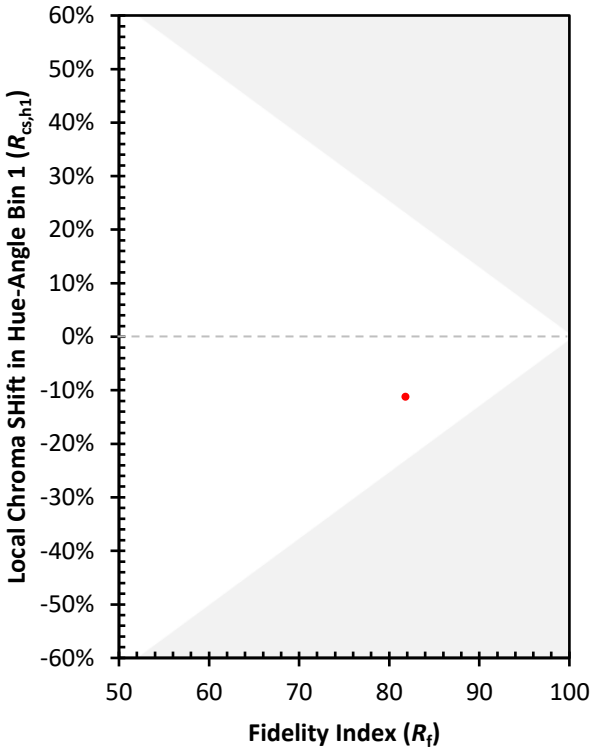
Measure Comparisons





(END OF REPORT)