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: P1456709

Luminaire Tested: GLAN-SB5C-840-U-T3LG

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:	P1456709
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5C-840-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 615mA 5xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(130) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35291.2 lumens
Efficiency:	N/A
Efficacy:	141.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	249.5
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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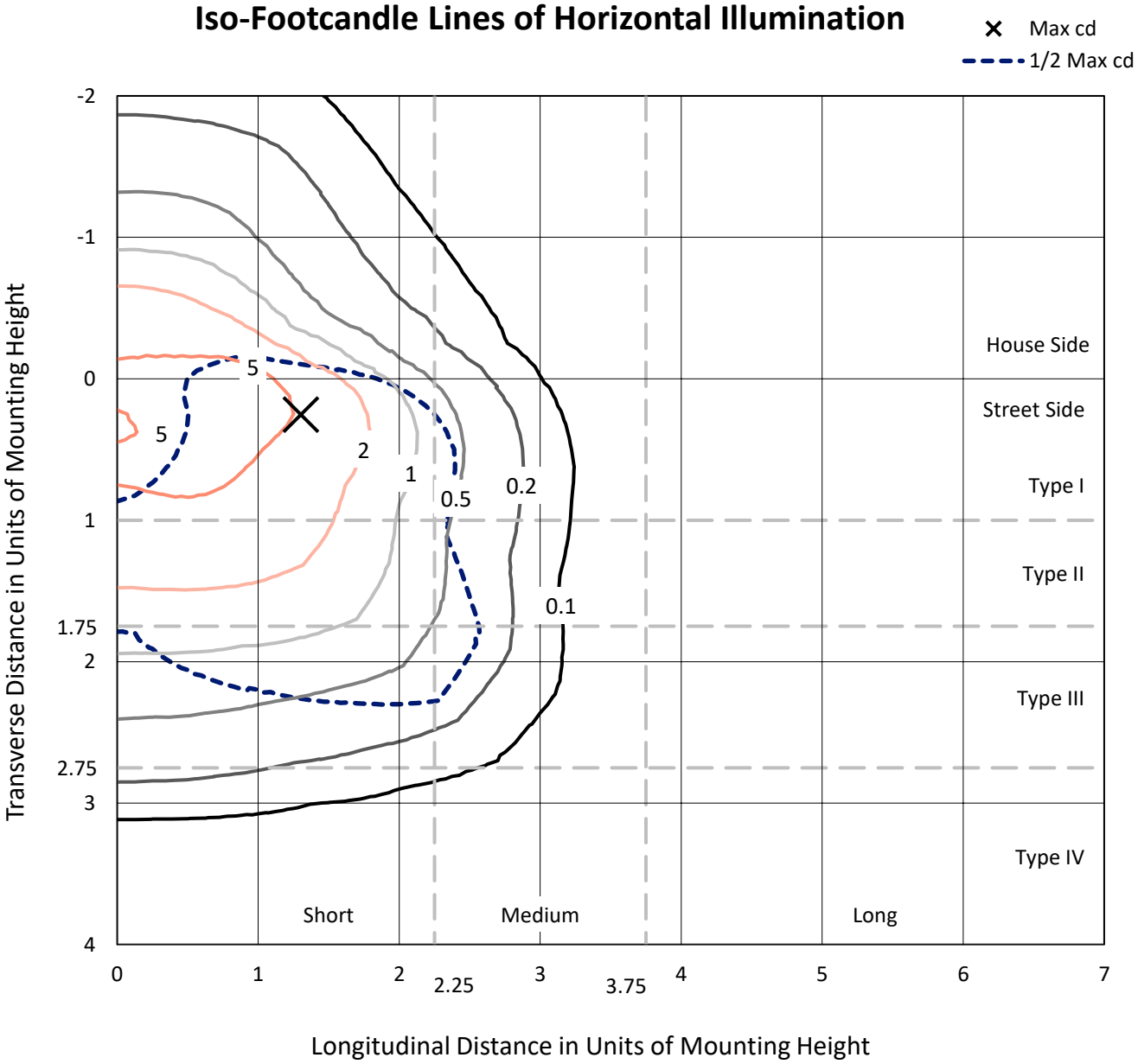
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 9 fc
Type III - Short - N/A

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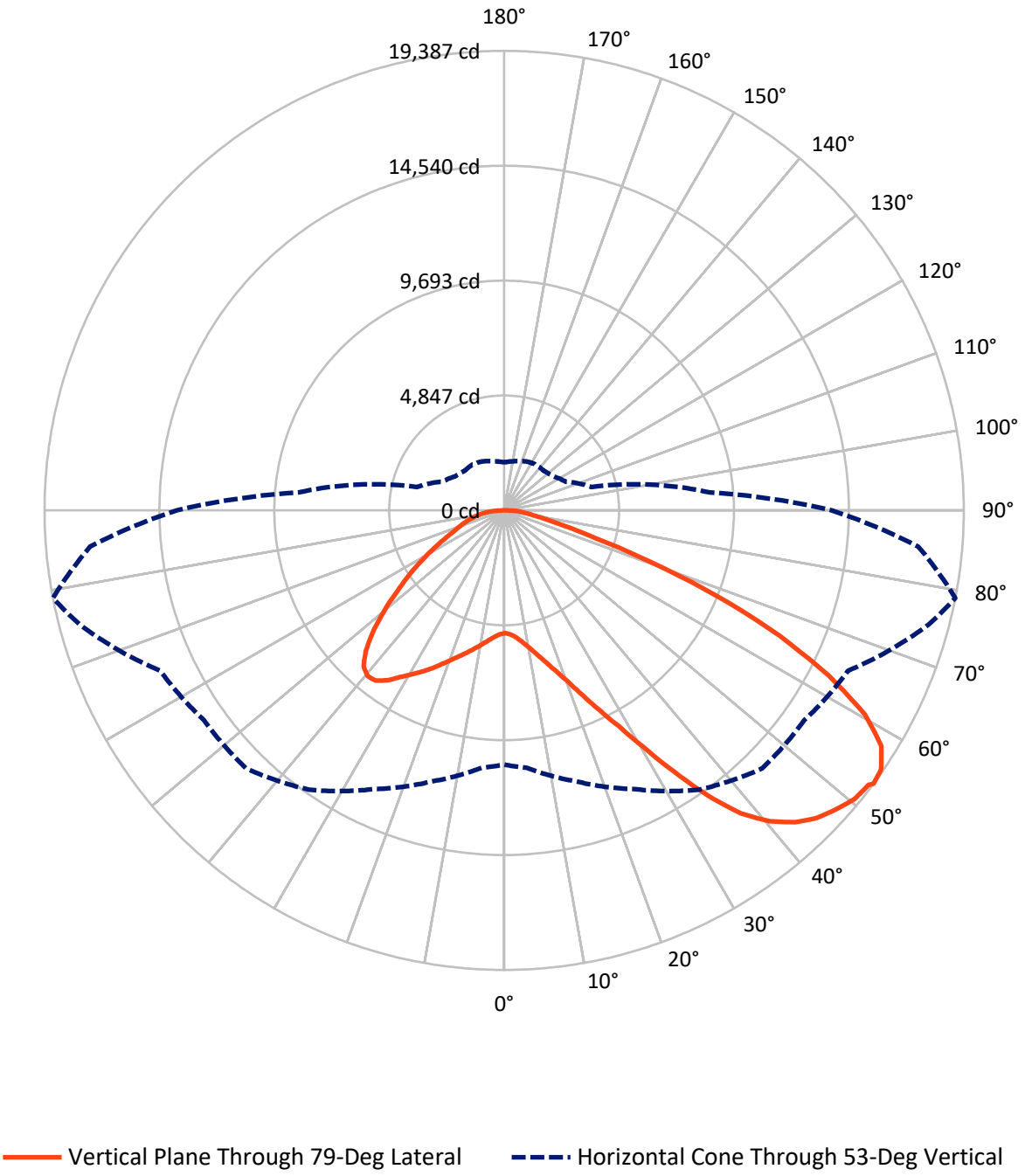
Luminous Intensity Polar Plot



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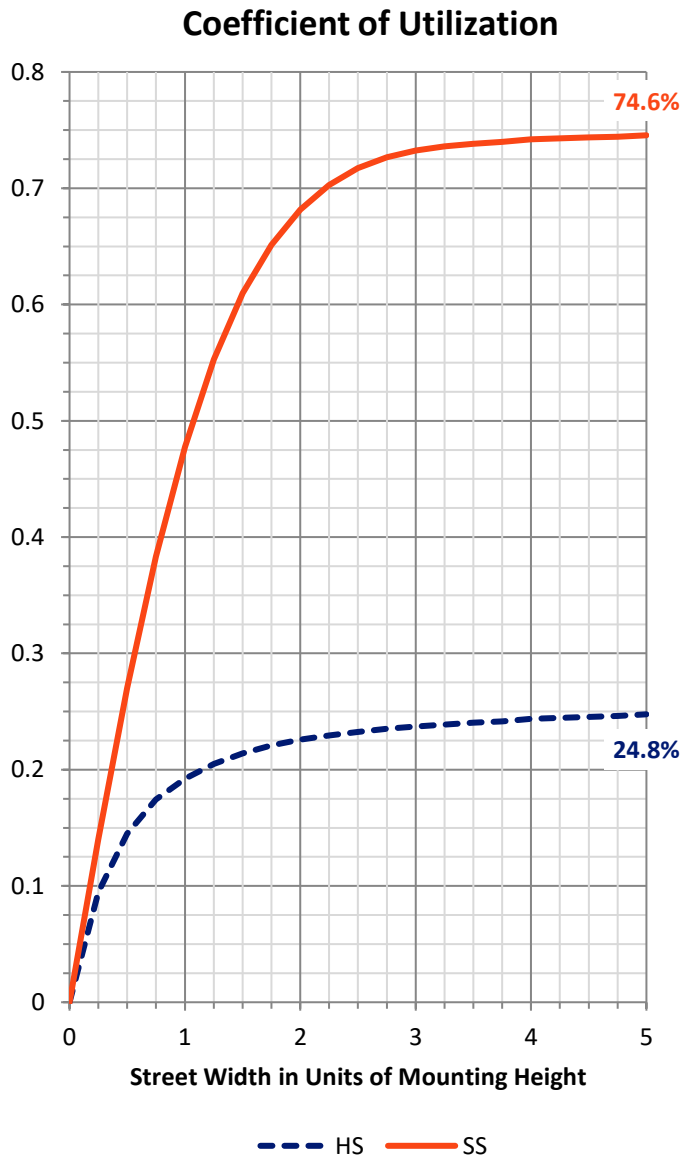
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	8896.7	0.0	8896.7
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	26394.5	0.0	26394.5
	% Fixture	74.8	0.0	74.8
Total	Lumens	35291.2	0.0	35291.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	493.6	1.4
10°-20°	1528.7	4.3
20°-30°	2922.7	8.3
30°-40°	5018.0	14.2
40°-50°	7028.7	19.9
50°-60°	7976.7	22.6
60°-70°	6995.0	19.8
70°-80°	2735.2	7.8
80°-90°	592.6	1.7
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°	35291.2	100.0
0°-180°	35291.2	100.0



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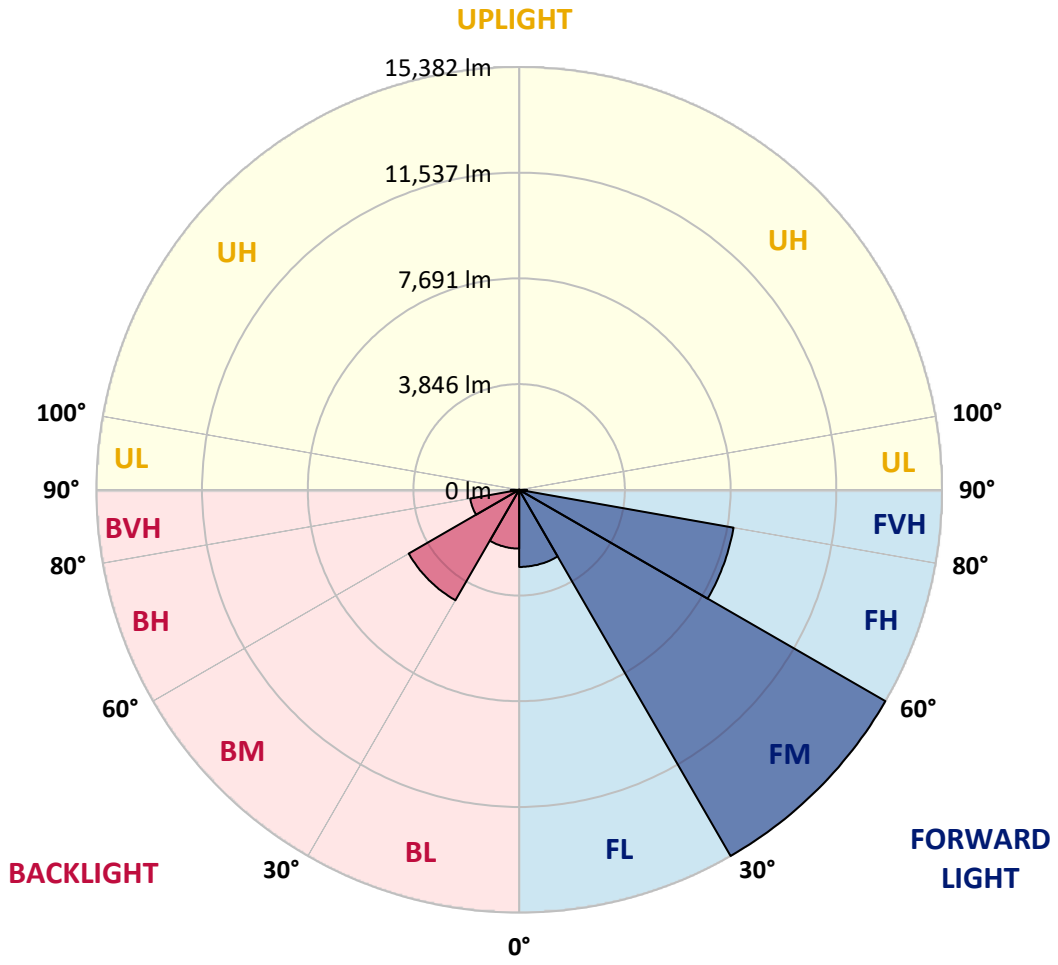
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2805.3	7.9			
FM	(30°-60°)	15382.2	43.6			
FH	(60°-80°)	7919.6	22.4			G4/12000
FVH	(80°-90°)	287.4	0.8			G3/500
BL	(0°-30°)	2139.7	6.1	B3/2500		
BM	(30°-60°)	4641.2	13.2	B3/5000		
BH	(60°-80°)	1810.6	5.1	B3/2500		G3/2500
BVH	(80°-90°)	305.2	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type III Short



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REPORT NUMBER: P1456709
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	*5180.8*	5180.8
2.5°	5188.7	5188.7	5157.3	5188.7	5173.0	5196.6	5212.3	5212.3	5243.7	*5235.9*	5235.9
5°	5102.2	5086.5	5078.6	5133.7	5165.1	5228.0	5298.8	5330.2	5385.2	*5385.2*	5393.1
7.5°	4874.2	4866.4	4905.7	5015.7	5117.9	5275.2	5424.5	5511.0	5597.5	*5613.2*	5613.2
10°	4732.7	4724.9	4772.0	4905.7	5070.8	5298.8	5534.6	5715.4	5856.9	*5896.2*	5896.2
12.5°	4732.7	4732.7	4772.0	4905.7	5078.6	5353.8	5676.1	5982.7	6202.9	*6250.0*	6234.3
15°	4866.4	4858.5	4905.7	5047.2	5212.3	5471.7	5864.8	6273.6	6572.4	*6658.8*	6666.7
17.5°	5007.9	5000.0	5070.8	5251.6	5448.1	5707.6	6108.5	6611.7	7036.2	*7146.3*	7169.8
20°	5228.0	5220.1	5306.6	5479.6	5723.3	6022.0	6438.7	7012.6	7602.2	*7720.2*	7751.6
22.5°	5479.6	5487.4	5581.8	5794.0	6037.8	6430.8	6941.8	7578.6	8286.2	*8467.0*	8498.5
25°	6006.3	5982.7	6061.3	6210.7	6470.1	6941.8	7570.8	8262.6	9103.8	*9323.9*	9363.2
27.5°	6706.0	6666.7	6753.2	6902.5	7091.2	7531.5	8254.7	9025.2	10039.3	*10314.5*	10322.4
30°	7334.9	7311.3	7429.3	7735.9	7932.4	8270.5	9040.9	9921.4	11195.0	*11596.0*	11611.7
32.5°	7877.4	7869.5	8089.7	8482.7	8930.8	9292.5	10039.3	11053.5	12657.3	*13121.1*	13018.9
35°	8396.3	8419.8	8695.0	9103.8	9701.3	10424.6	11179.3	12334.9	14198.2	*14756.3*	14591.2
37.5°	8923.0	8938.7	9300.3	9827.1	10456.0	11399.4	12413.6	13726.5	15534.6	*16226.5*	15864.8
40°	9410.4	9457.6	9945.0	10511.0	11328.7	12287.8	13419.9	14693.4	16564.5	*17248.5*	16855.4
42.5°	9897.8	9968.6	10495.3	11273.6	12146.3	13144.7	14119.5	15283.1	17224.9	*17987.5*	17382.1
45°	10401.0	10448.1	11100.7	11910.4	12901.0	13820.8	14520.5	15660.4	17680.9	*18506.4*	17680.9
47.5°	10739.0	10833.4	11548.8	12484.3	13474.9	14339.7	14842.8	15817.7	17971.8	*18844.4*	17790.9
50°	10872.7	11006.3	11776.8	12814.5	13946.6	14827.1	15094.4	15904.1	18294.1	*19143.1*	17767.4
52.5°	10849.1	10974.9	11816.1	12963.9	14323.9	15275.2	15338.1	15998.5	18522.1	*19245.4*	17563.0
53°	*10723.3*	*10896.3*	*11839.7*	*12971.7*	*14379.0*	*15393.1*	*15448.2*	*16006.3*	*18553.5*	*19386.9*	*17531.5*
55°	10290.9	10385.3	11596.0	12963.9	14638.4	15833.4	15754.8	16242.2	18640.0	*19292.5*	17185.6
57.5°	9897.8	9992.2	11045.6	12814.5	14850.7	16454.5	16250.1	16202.9	18168.3	*18757.9*	16313.0
60°	9646.3	9677.7	10566.1	12342.8	14764.2	16886.9	16572.4	15739.0	17004.8	*17492.2*	14779.9
62.5°	9434.0	9426.1	10212.3	11666.7	14434.0	16949.7	16635.3	14591.2	15298.8	*15377.4*	12735.9
65°	8954.4	8899.4	9662.0	10904.1	13750.0	16666.7	15864.8	12853.8	13034.6	*12775.2*	10228.0
67.5°	8003.2	7885.2	8561.4	9740.6	12358.5	15864.8	14394.7	10833.4	10275.2	*9756.3*	7704.4
70°	5731.2	5731.2	6273.6	7452.9	9921.4	13710.7	12358.5	8199.7	7075.5	*6611.7*	5149.4
72.5°	2806.6	2877.4	3443.4	4402.5	6651.0	9952.9	9465.4	5314.5	4292.5	*4064.5*	3301.9
75°	1195.0	1202.8	1470.1	1949.7	3372.7	5888.4	5927.7	3066.0	2751.6	*2641.5*	2185.5
77.5°	833.3	849.1	967.0	1147.8	1603.8	2704.4	3081.8	1855.4	1847.5	*1768.9*	1556.6
80°	636.8	652.5	731.1	856.9	1077.0	1383.7	1595.9	1257.9	1320.8	*1242.1*	1124.2
82.5°	479.6	495.3	550.3	644.7	770.4	927.7	896.2	927.7	974.8	*927.7*	809.8
85°	322.3	330.2	369.5	448.1	495.3	558.2	558.2	676.1	707.5	*691.8*	636.8
87.5°	165.1	165.1	196.5	235.8	251.6	259.4	228.0	298.7	338.1	*369.5*	298.7
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: P1456709
CATALOG NUMBER: GLAN-SB5C-840-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8	5180.8
2.5°	5235.9	5243.7	5220.1	5212.3	5204.4	5165.1	5165.1	5125.8	5117.9	5125.8	5102.2
5°	5408.8	5393.1	5330.2	5283.0	5228.0	5117.9	5055.0	4968.6	4945.0	4921.4	4897.8
7.5°	5621.1	5597.5	5487.4	5361.7	5212.3	5000.0	4882.1	4740.6	4693.4	4654.1	4638.4
10°	5888.4	5841.2	5668.3	5401.0	5125.8	4866.4	4701.3	4528.3	4449.7	4434.0	4394.7
12.5°	6234.3	6147.8	5825.5	5408.8	5047.2	4709.1	4528.3	4394.7	4363.2	4355.4	4316.1
15°	6619.5	6493.7	5974.9	5416.7	4945.0	4575.5	4465.4	4394.7	4394.7	4386.8	4363.2
17.5°	7091.2	6886.8	6116.4	5385.2	4819.2	4536.2	4481.1	4418.3	4402.5	4410.4	4378.9
20°	7657.3	7319.2	6265.7	5345.9	4764.2	4544.0	4481.1	4394.7	4355.4	4347.5	4323.9
22.5°	8309.8	7814.5	6430.8	5283.0	4764.2	4536.2	4434.0	4316.1	4237.4	4206.0	4174.5
25°	9056.6	8388.4	6603.8	5259.5	4779.9	4504.7	4339.6	4151.0	4025.2	3978.0	3954.4
27.5°	9960.7	8993.7	6729.6	5283.0	4772.0	4434.0	4174.5	3930.8	3789.3	3710.7	3695.0
30°	10959.2	9646.3	6816.1	5322.3	4724.9	4300.3	3978.0	3702.8	3506.3	3412.0	3388.4
32.5°	12138.4	10377.4	6902.5	5322.3	4606.9	4111.6	3750.0	3451.3	3246.9	3136.8	3121.1
35°	13443.4	11273.6	6981.2	5314.5	4465.4	3907.2	3522.0	3215.4	3003.2	2893.1	2885.2
37.5°	14551.9	11949.7	7020.5	5235.9	4268.9	3671.4	3309.8	3003.2	2783.0	2665.1	2657.2
40°	15235.9	12232.7	6941.8	5078.6	4033.0	3427.7	3073.9	2790.9	2570.8	2429.3	2397.8
42.5°	15495.3	12099.1	6690.3	4819.2	3750.0	3184.0	2877.4	2578.6	2287.7	2169.8	2146.2
45°	15408.9	11580.2	6155.7	4449.7	3435.5	2963.8	2704.4	2366.4	2177.7	2075.5	2067.6
47.5°	15118.0	10778.3	5487.4	3985.9	3105.4	2767.3	2476.4	2311.3	2138.4	2028.3	2020.4
50°	14607.0	9921.4	4685.6	3459.1	2806.6	2562.9	2421.4	2287.7	2146.2	2059.8	2044.0
52.5°	13954.5	8954.4	3946.6	2948.1	2547.2	2382.1	2366.4	2272.0	2162.0	2067.6	2028.3
53°	*13805.1*	*8702.9*	*3805.0*	*2861.6*	*2507.9*	*2358.5*	*2350.6*	*2272.0*	*2146.2*	*2059.8*	*2028.3*
55°	13089.7	7924.6	3356.9	2555.0	2311.3	2279.9	2350.6	2264.2	2106.9	2036.2	2012.6
57.5°	11941.9	6902.5	2924.5	2272.0	2106.9	2185.5	2327.1	2232.7	2059.8	1934.0	1894.7
60°	10558.2	5731.2	2594.3	2083.3	1957.6	2067.6	2232.7	2122.6	1886.8	1823.9	1816.0
62.5°	8907.3	4638.4	2342.8	1926.1	1831.8	1941.8	2091.2	1902.5	1729.6	1682.4	1666.7
65°	6957.6	3687.1	2146.2	1808.2	1706.0	1792.5	1894.7	1776.7	1666.7	1627.4	1619.5
67.5°	5173.0	2893.1	1989.0	1706.0	1580.2	1635.2	1753.2	1721.7	1627.4	1603.8	1595.9
70°	3569.2	2350.6	1847.5	1611.6	1423.0	1485.9	1666.7	1690.3	1595.9	1580.2	1572.3
72.5°	2500.0	1989.0	1698.1	1509.4	1297.2	1360.1	1627.4	1627.4	1525.2	1548.7	1533.0
75°	1878.9	1674.5	1525.2	1383.7	1139.9	1234.3	1572.3	1556.6	1454.4	1556.6	1517.3
77.5°	1415.1	1352.2	1320.8	1226.4	998.4	1092.8	1462.3	1430.8	1297.2	1305.0	1234.3
80°	1029.9	1045.6	1132.1	1045.6	833.3	904.1	1234.3	1218.6	1053.5	1084.9	998.4
82.5°	739.0	778.3	967.0	841.2	605.3	644.7	849.1	919.8	825.5	778.3	794.0
85°	558.2	581.8	778.3	621.1	377.4	424.5	581.8	660.4	644.7	597.5	605.3
87.5°	235.8	267.3	361.6	290.9	220.1	220.1	361.6	463.8	416.7	353.8	369.5
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

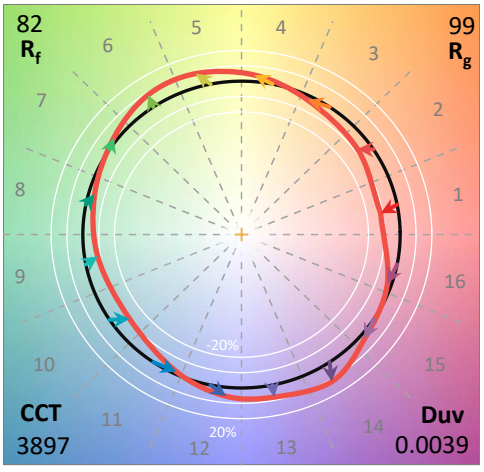
Test Information

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

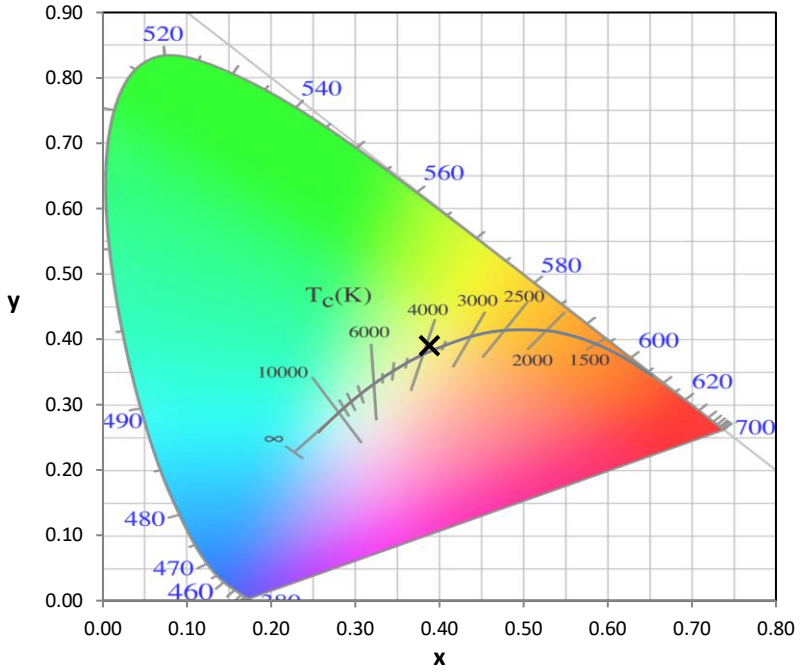
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

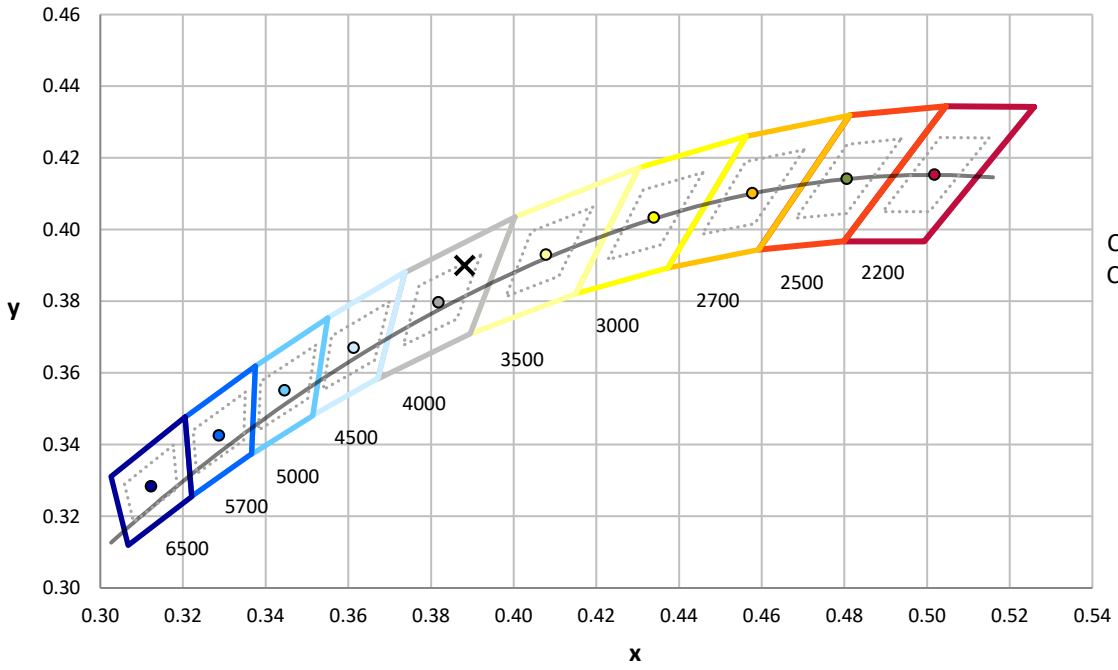
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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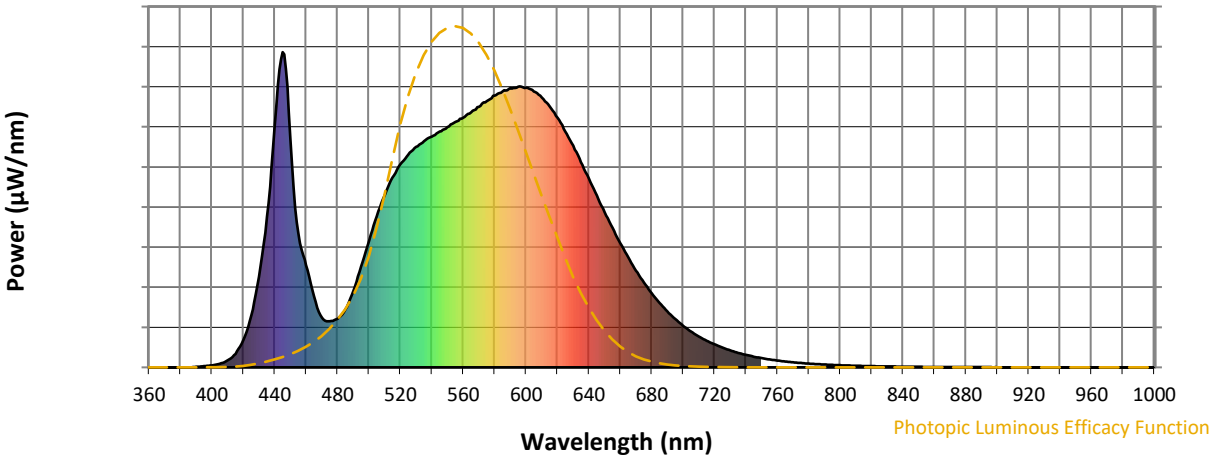
Photopic Flux vs. Wavelength



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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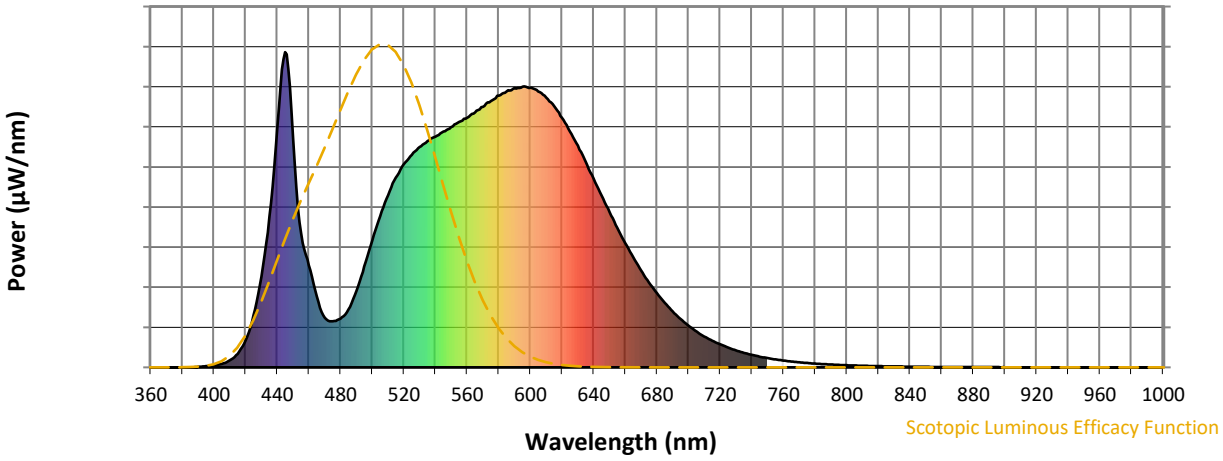
Scotopic Flux vs. Wavelength



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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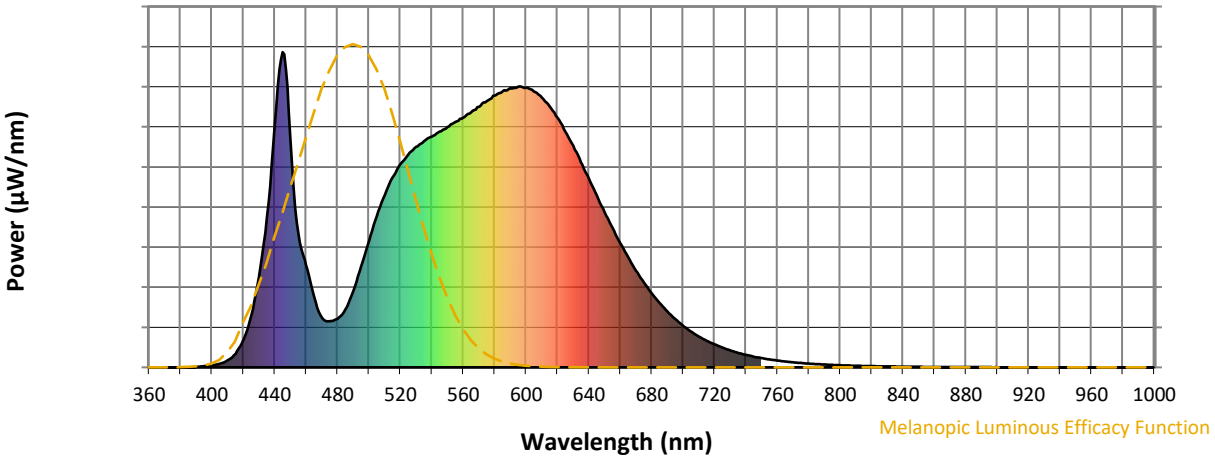
Melanopic Flux vs. Wavelength



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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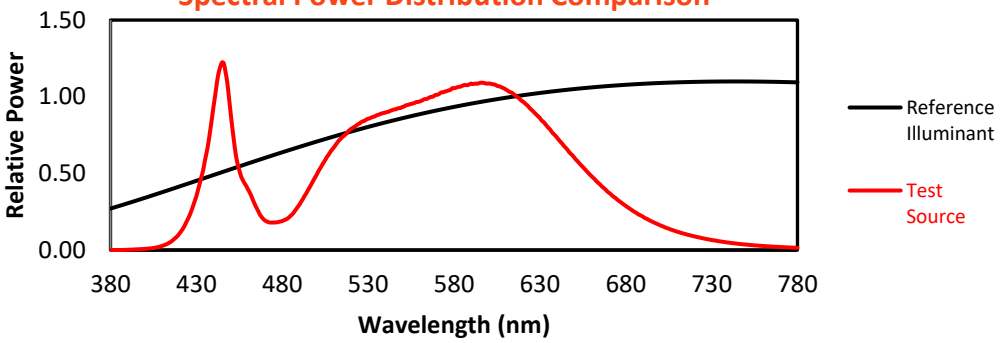
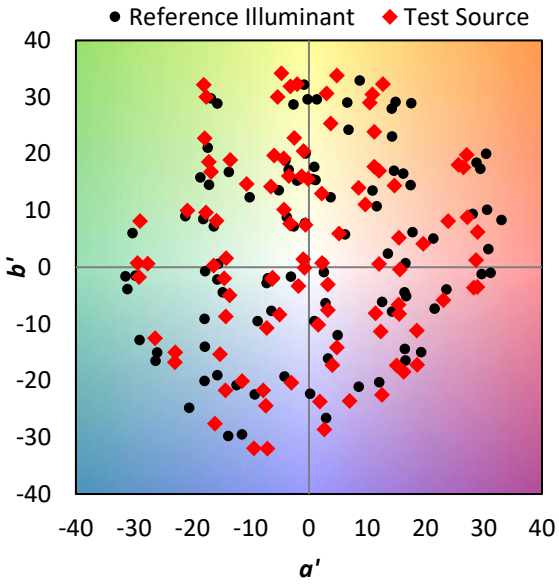
Summary

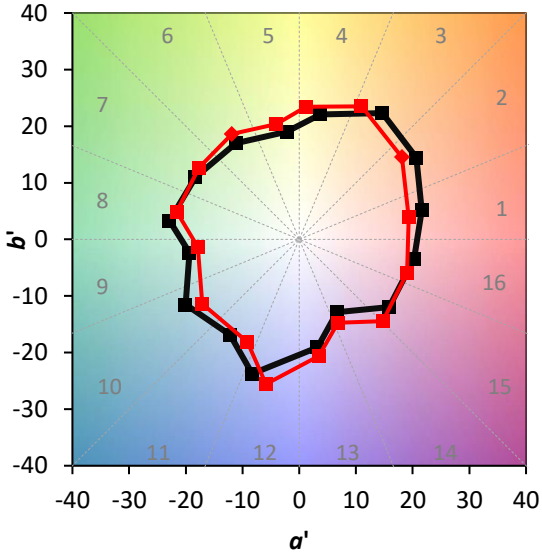
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

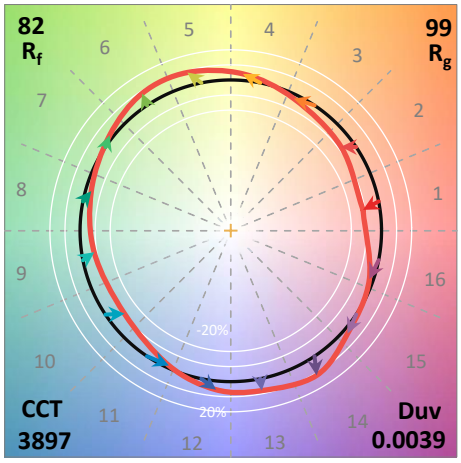
Spectral Power Distribution Comparison

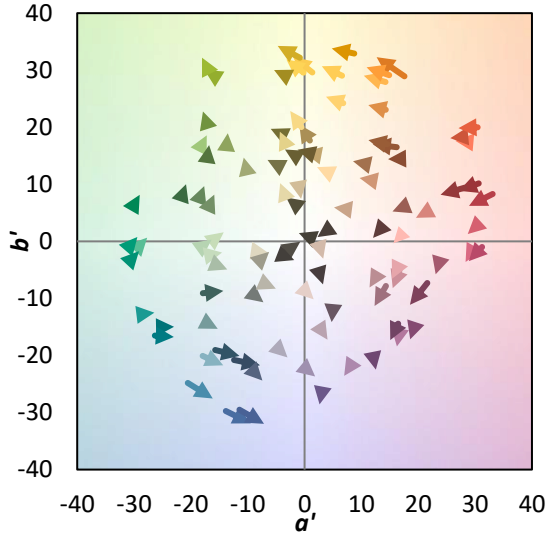


Color Vector Graphics









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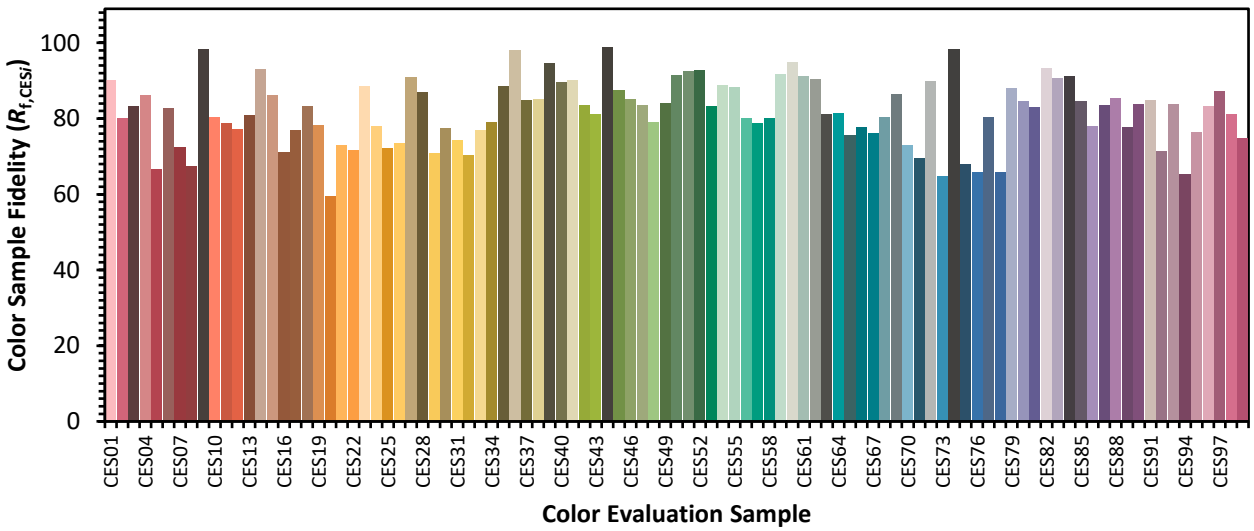
Individual Sample Fidelity Index ($R_{f,i}$)

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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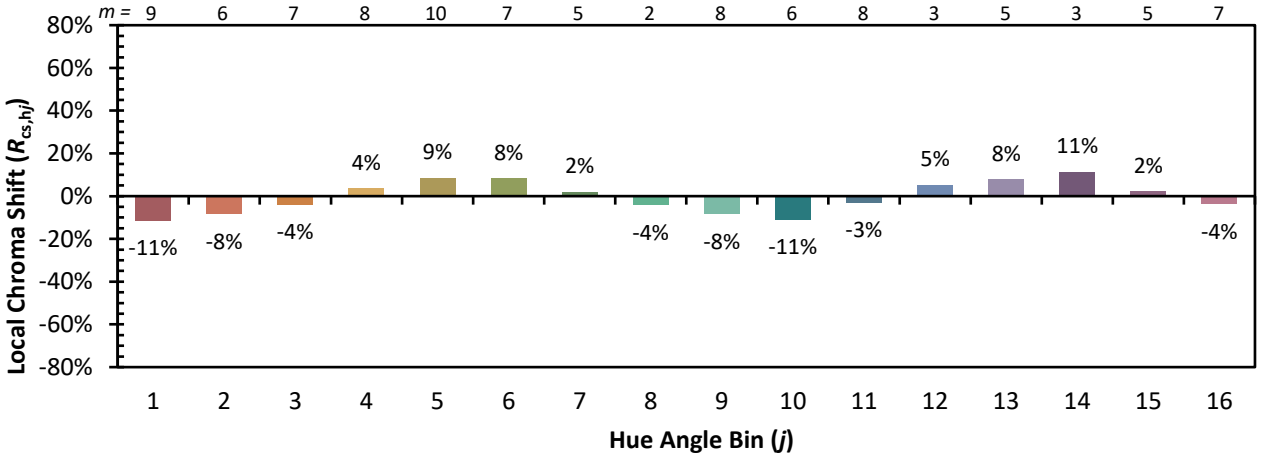
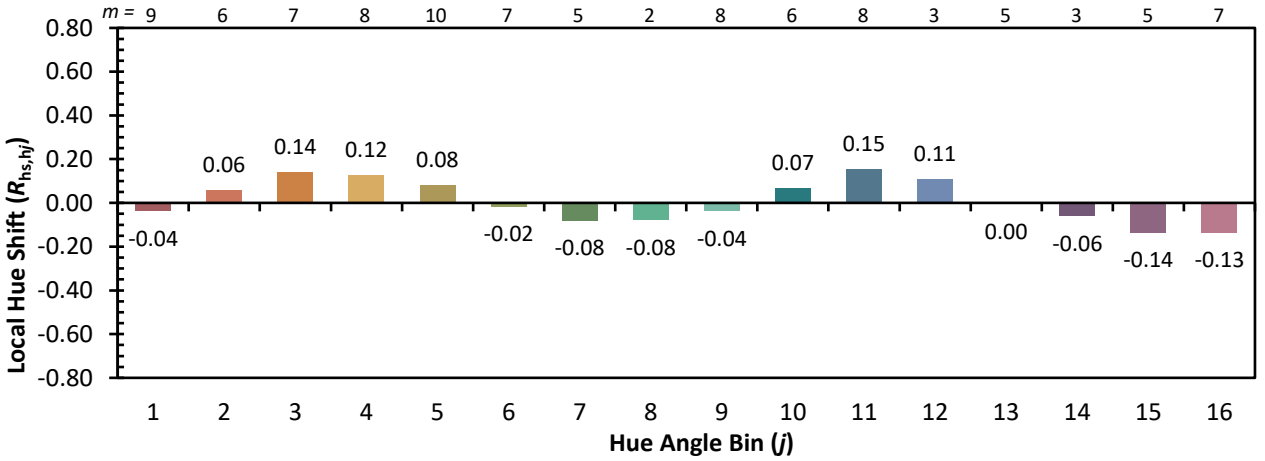
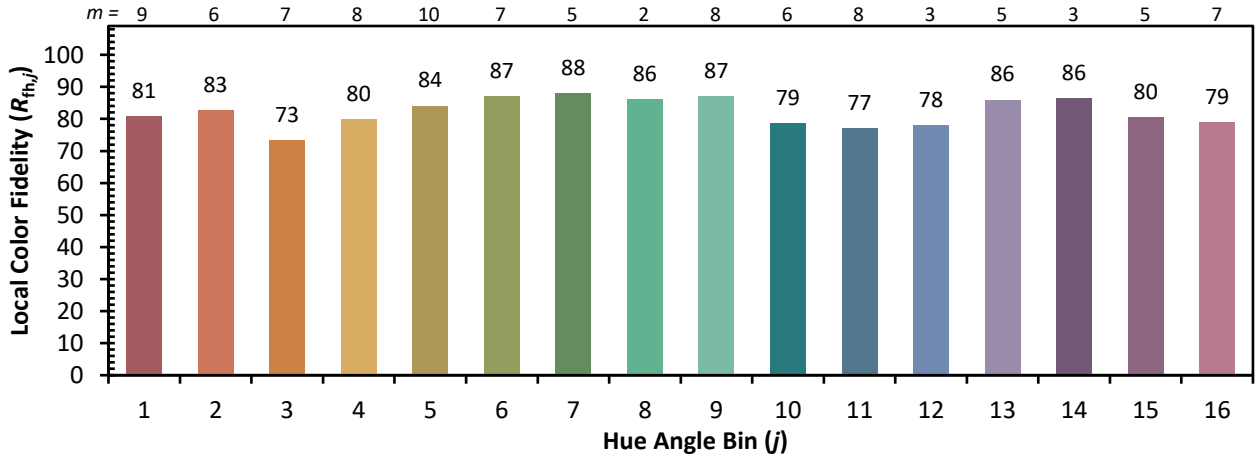
Color Rendition by Hue-Angle Bin







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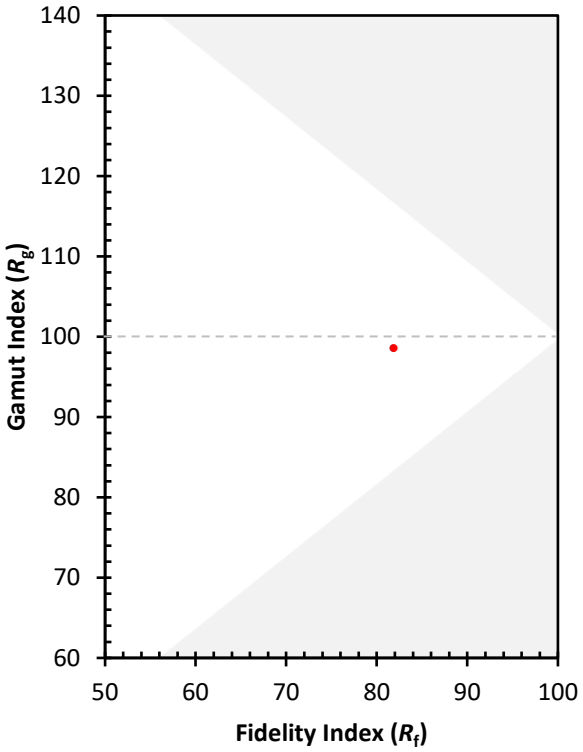
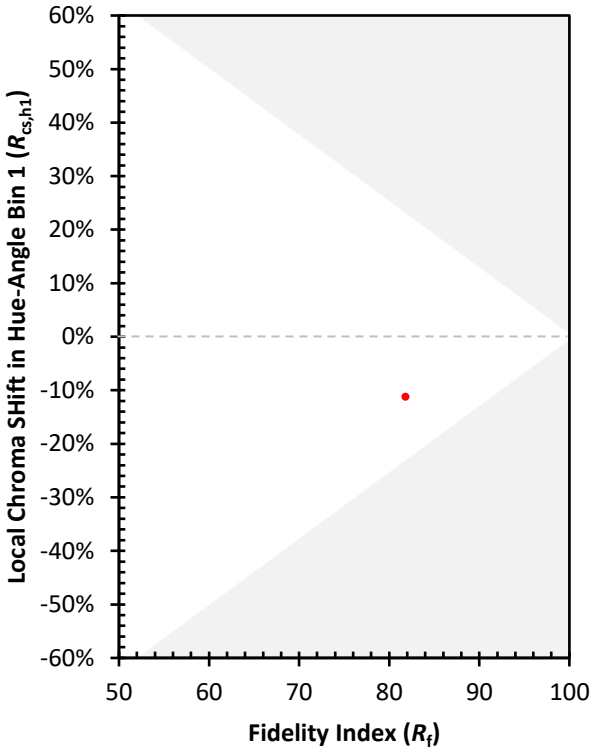
Measure Comparisons





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