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: P1457852

Luminaire Tested: GLAN-SB3B-840-U-T2LG-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:	P1457852
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3B-840-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square PACKAGE 80CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11704.3 lumens
Efficiency:	N/A
Efficacy:	107.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	109.2
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: P1457852
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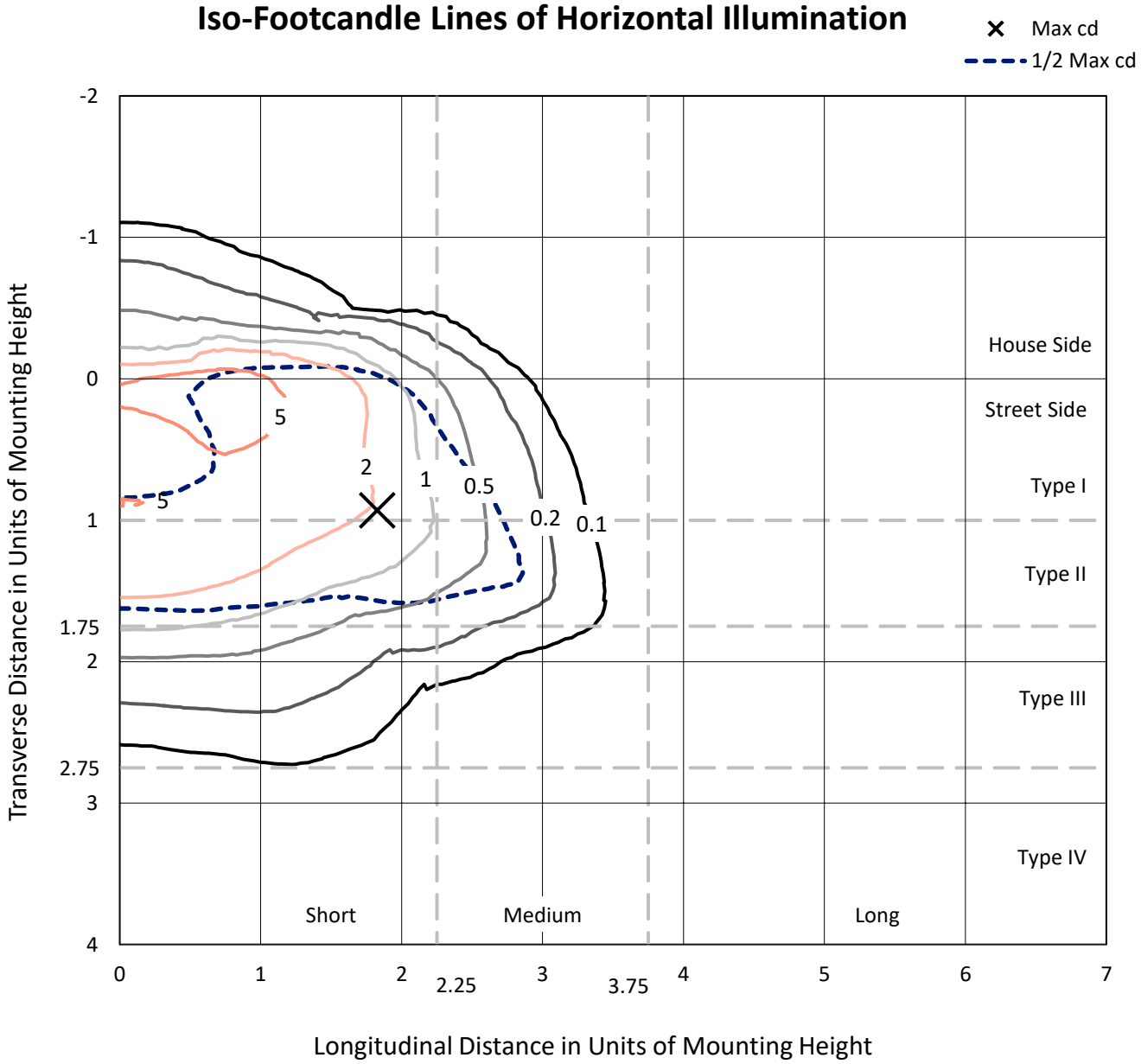
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.4 fc
Type II - Short - N/A

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REPORT NUMBER: P1457852
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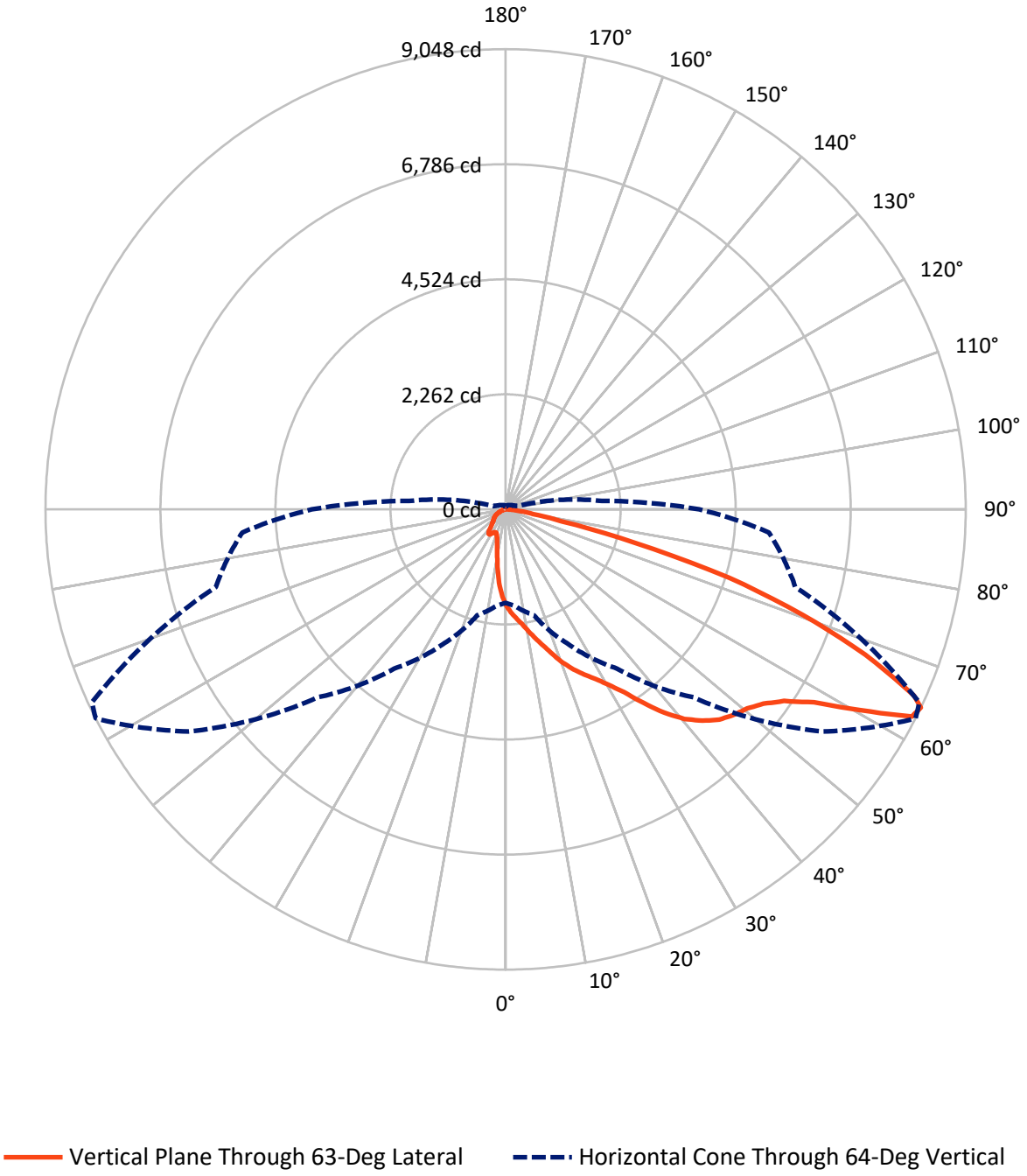
Luminous Intensity Polar Plot



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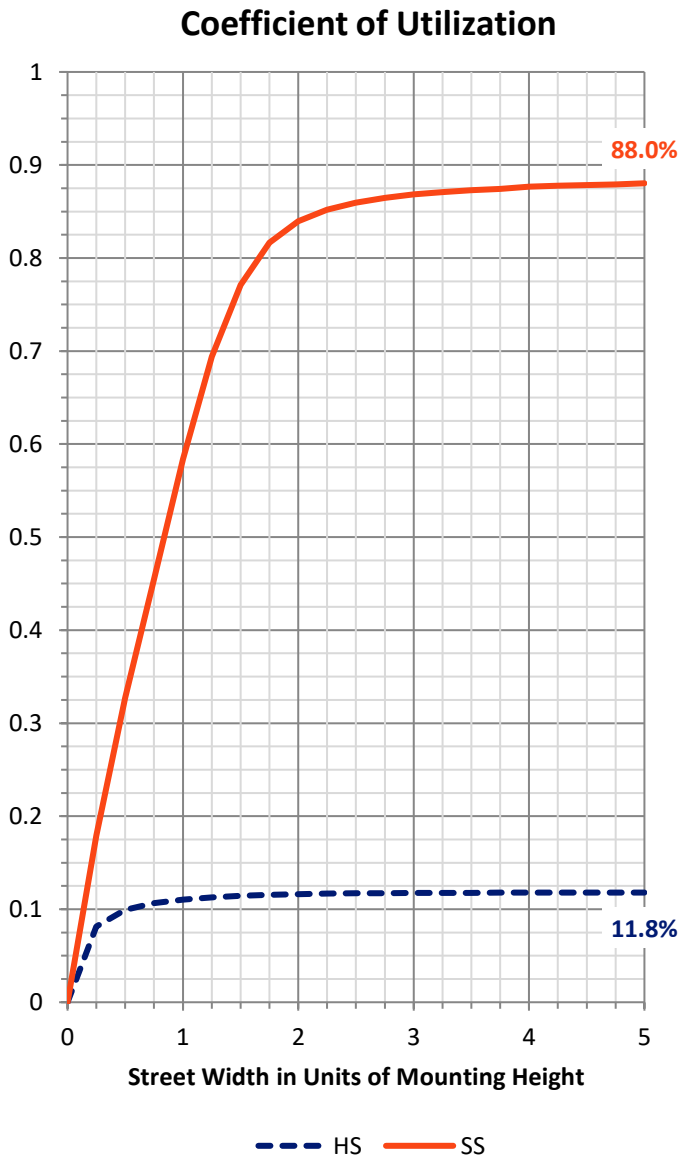
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1388.9	0.0	1388.9
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	10315.4	0.0	10315.4
	% Fixture	88.1	0.0	88.1
Total	Lumens	11704.3	0.0	11704.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.4	1.4
10°-20°	447.8	3.8
20°-30°	797.6	6.8
30°-40°	1523.4	13.0
40°-50°	2525.1	21.6
50°-60°	3147.6	26.9
60°-70°	2347.0	20.1
70°-80°	673.1	5.8
80°-90°	83.2	0.7
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°	11704.3	100.0
0°-180°	11704.3	100.0



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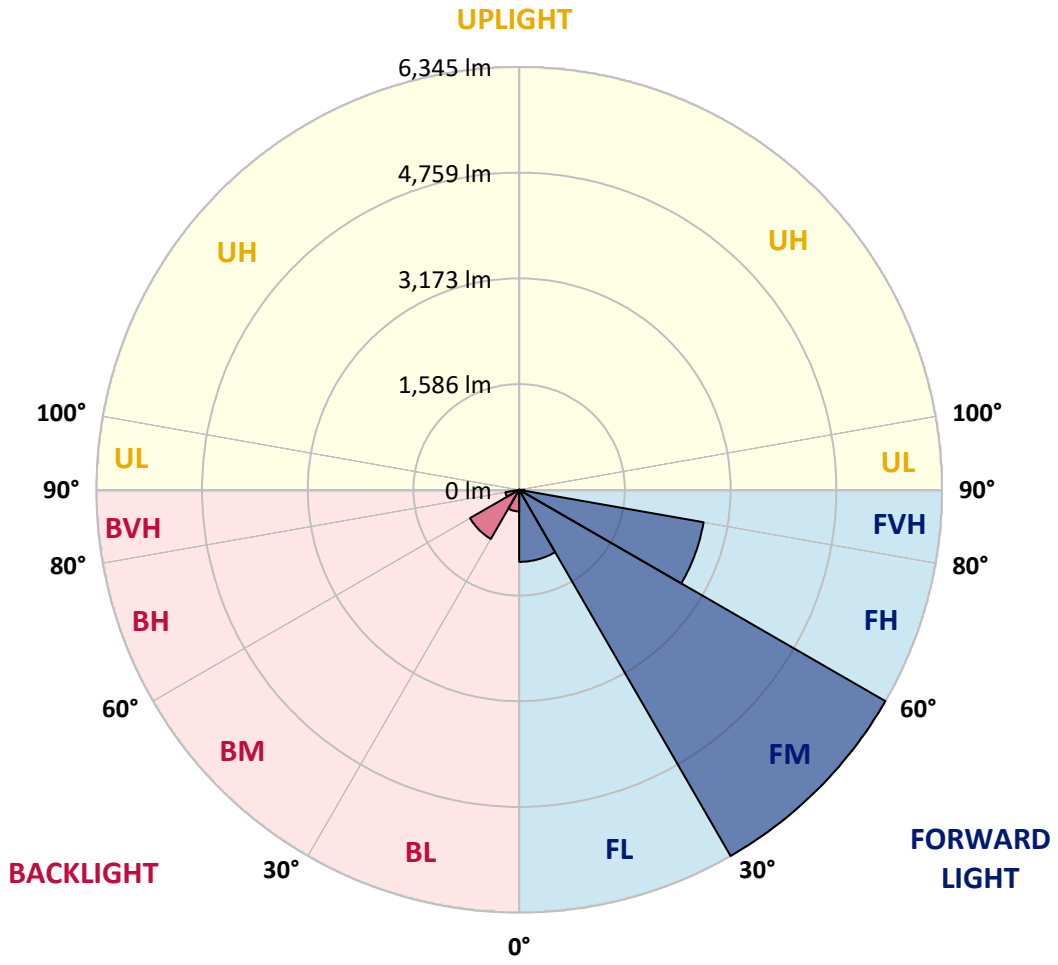
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1080.7	9.2			
FM	(30°-60°)	6345.4	54.2			
FH	(60°-80°)	2810.1	24.0			G2/5000
FVH	(80°-90°)	79.1	0.7			G1/100
BL	(0°-30°)	324.0	2.8	B1/500		
BM	(30°-60°)	850.7	7.3	B1/1000		
BH	(60°-80°)	210.1	1.8	B1/500		G1/500
BVH	(80°-90°)	4.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Short



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REPORT NUMBER: P1457852
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	*1892.4*	1892.4	1892.4	1892.4
2.5°	2120.7	2113.6	2106.6	2096.1	2082.0	2068.0	2050.4	*2025.9*	2015.3	1980.2	1938.1
5°	2229.5	2229.5	2226.0	2219.0	2212.0	2197.9	2176.8	*2145.2*	2131.2	2082.0	2008.3
7.5°	2257.6	2261.1	2271.6	2285.7	2306.8	2303.2	2303.2	*2268.1*	2261.1	2208.4	2110.1
10°	2208.4	2212.0	2240.0	2278.7	2341.9	2401.6	2443.7	*2422.6*	2412.1	2359.4	2236.5
12.5°	2138.2	2138.2	2183.9	2243.6	2341.9	2454.2	2577.1	*2598.2*	2601.7	2542.0	2394.5
15°	1955.6	1962.7	2036.4	2155.8	2317.3	2492.8	2700.0	*2780.7*	2801.8	2763.2	2587.6
17.5°	1713.4	1720.4	1794.1	1955.6	2197.9	2492.8	2805.3	*2991.4*	3019.5	3026.5	2833.4
20°	1611.6	1611.6	1653.7	1776.6	2029.4	2426.1	2868.5	*3216.1*	3279.3	3356.6	3103.8
22.5°	1625.6	1625.6	1650.2	1720.4	1924.0	2334.8	2907.1	*3416.2*	3546.1	3742.8	3451.4
25°	1702.9	1702.9	1723.9	1769.6	1934.6	2320.8	2980.9	*3595.3*	3802.5	4174.6	3848.1
27.5°	1825.7	1822.2	1839.8	1885.4	2036.4	2387.5	3103.8	*3774.4*	4006.1	4659.1	4304.5
30°	2004.8	1994.3	2001.3	2054.0	2201.4	2542.0	3282.8	*4002.6*	4237.8	5189.3	4810.1
32.5°	2419.1	2415.6	2313.8	2285.7	2443.7	2791.3	3528.6	*4287.0*	4550.3	5751.1	5329.8
35°	3167.0	3216.1	3072.2	2703.5	2735.1	3124.8	3879.7	*4673.2*	4915.5	6348.0	5895.0
37.5°	3925.3	3925.3	3865.7	3430.3	3209.1	3493.5	4258.9	*5069.9*	5322.7	6829.0	6439.2
40°	4525.7	4557.3	4487.1	4160.6	3872.7	3914.8	4638.1	*5417.5*	5649.3	7123.9	6825.5
42.5°	4971.6	4964.6	4936.5	4722.3	4560.8	4466.0	4982.2	*5677.3*	5898.5	7274.9	7067.7
45°	5452.6	5452.6	5414.0	5238.5	5105.0	5024.3	5238.5	*5895.0*	6126.8	7366.2	7218.7
47.5°	5954.7	5947.7	5909.1	5716.0	5572.0	5452.6	5498.3	*6035.5*	6267.2	7306.5	7243.3
50°	6077.6	6070.6	6158.4	6165.4	6035.5	5807.3	5705.4	*6154.9*	6358.5	7310.0	7320.5
52.5°	5933.7	5975.8	6105.7	6263.7	6411.2	6172.4	5926.6	*6344.4*	6555.1	7408.3	7513.6
55°	5575.5	5593.1	5842.4	6095.2	6439.2	6523.5	6281.2	*6646.4*	6832.5	7503.1	7685.7
57.5°	4908.4	4975.1	5242.0	5680.9	6204.0	6555.1	6899.2	*7152.0*	7292.4	7541.7	7590.9
60°	3704.1	3739.3	4318.6	4887.4	5716.0	6302.3	7475.0	*8008.7*	7991.1	7106.3	6927.3
62.5°	2254.1	2285.7	2700.0	3602.3	4645.1	5775.7	7668.1	*8967.2*	8872.4	6372.5	5831.8
64°	*1836.3*	*1896.0*	*2152.3*	*2924.7*	*3820.0*	*5224.4*	*7611.9*	*9047.9*	*8974.2*	*5898.5*	*5196.3*
65°	1569.4	1650.2	1913.5	2538.5	3247.7	4631.1	7457.4	*8823.2*	8774.1	5610.6	4669.7
67.5°	986.6	1025.2	1414.9	1973.2	2236.5	2963.3	6411.2	*7629.5*	7717.3	4999.7	3444.3
70°	733.8	751.4	972.6	1527.3	1745.0	1723.9	4402.8	*6179.4*	6200.5	3999.1	2078.5
72.5°	533.7	537.2	681.1	1130.6	1365.8	1176.2	2320.8	*4592.4*	4441.5	2341.9	1134.1
75°	354.6	368.7	477.5	797.0	1063.8	863.7	1056.8	*2615.7*	2570.1	1144.6	649.5
77.5°	259.8	263.3	323.0	533.7	835.6	635.5	639.0	*1127.0*	1162.2	681.1	410.8
80°	147.5	154.5	210.7	326.5	544.2	435.4	358.1	*544.2*	625.0	463.5	273.9
82.5°	87.8	94.8	151.0	214.2	372.2	179.1	182.6	*298.4*	372.2	333.5	147.5
85°	52.7	56.2	94.8	115.9	221.2	119.4	66.7	*147.5*	193.1	196.6	80.8
87.5°	35.1	35.1	52.7	49.2	63.2	56.2	28.1	*38.6*	49.2	66.7	31.6
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: P1457852
CATALOG NUMBER: GLAN-SB3B-840-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4	1892.4
2.5°	1903.0	1881.9	1818.7	1734.5	1657.2	1597.5	1523.8	1474.6	1429.0	1429.0	1390.4
5°	1948.6	1892.4	1738.0	1544.9	1337.7	1141.1	1014.7	874.2	828.6	790.0	797.0
7.5°	2025.9	1924.0	1650.2	1302.6	972.6	761.9	621.5	558.3	530.2	512.6	516.1
10°	2120.7	1980.2	1544.9	1056.8	716.3	558.3	491.5	467.0	456.4	452.9	452.9
12.5°	2250.6	2046.9	1439.5	849.7	565.3	481.0	445.9	431.9	421.3	414.3	414.3
15°	2405.1	2131.2	1316.6	698.7	495.1	442.4	414.3	400.3	386.2	382.7	382.7
17.5°	2601.7	2219.0	1207.8	600.4	459.9	414.3	386.2	368.7	358.1	354.6	354.6
20°	2819.4	2327.8	1099.0	544.2	435.4	386.2	358.1	344.1	333.5	326.5	330.0
22.5°	3096.7	2464.7	1028.7	516.1	414.3	361.6	333.5	319.5	309.0	301.9	305.5
25°	3402.2	2636.8	990.1	516.1	400.3	344.1	312.5	298.4	287.9	280.9	280.9
27.5°	3774.4	2829.9	993.6	537.2	396.7	330.0	294.9	280.9	270.3	259.8	259.8
30°	4185.2	3058.1	1032.2	575.8	403.8	316.0	280.9	259.8	252.8	242.3	242.3
32.5°	4620.5	3321.4	1130.6	625.0	396.7	298.4	259.8	242.3	231.7	224.7	224.7
35°	5080.5	3619.9	1253.4	646.0	361.6	273.9	242.3	224.7	217.7	214.2	210.7
37.5°	5519.4	3879.7	1320.2	603.9	316.0	252.8	221.2	203.6	200.1	193.1	193.1
40°	5859.9	4093.9	1281.5	516.1	291.4	231.7	203.6	186.1	179.1	172.0	172.0
42.5°	6060.1	4171.1	1141.1	438.9	273.9	210.7	186.1	168.5	161.5	158.0	158.0
45°	6175.9	4160.6	976.1	393.2	256.3	193.1	168.5	158.0	147.5	144.0	140.4
47.5°	6172.4	4051.7	856.7	354.6	238.8	179.1	158.0	147.5	136.9	133.4	133.4
50°	6147.8	3890.2	723.3	326.5	224.7	168.5	147.5	140.4	129.9	126.4	122.9
52.5°	6207.5	3798.9	603.9	309.0	207.2	161.5	144.0	133.4	119.4	115.9	115.9
55°	6281.2	3746.3	484.5	291.4	193.1	158.0	136.9	126.4	112.4	108.8	108.8
57.5°	6067.1	3546.1	400.3	263.3	175.6	151.0	129.9	122.9	108.8	98.3	98.3
60°	5393.0	2931.7	330.0	231.7	161.5	140.4	122.9	112.4	98.3	84.3	84.3
62.5°	4385.3	2236.5	273.9	196.6	151.0	129.9	112.4	101.8	84.3	66.7	66.7
64°	*3809.5*	*1899.5*	*245.8*	*172.0*	*144.0*	*119.4*	*101.8*	*91.3*	*73.7*	*56.2*	*52.7*
65°	3416.2	1678.3	228.2	161.5	140.4	112.4	98.3	87.8	66.7	52.7	49.2
67.5°	2405.1	1127.0	182.6	133.4	122.9	94.8	84.3	73.7	59.7	45.6	42.1
70°	1400.9	639.0	144.0	112.4	94.8	73.7	70.2	66.7	52.7	35.1	35.1
72.5°	761.9	319.5	108.8	91.3	73.7	52.7	59.7	52.7	42.1	28.1	24.6
75°	467.0	196.6	80.8	66.7	49.2	38.6	45.6	38.6	24.6	17.6	14.0
77.5°	312.5	126.4	59.7	45.6	31.6	24.6	31.6	21.1	10.5	3.5	3.5
80°	193.1	87.8	38.6	28.1	17.6	10.5	7.0	3.5	3.5	0.0	0.0
82.5°	84.3	56.2	21.1	14.0	7.0	3.5	3.5	0.0	0.0	0.0	0.0
85°	45.6	17.6	7.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	14.0	7.0	3.5	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

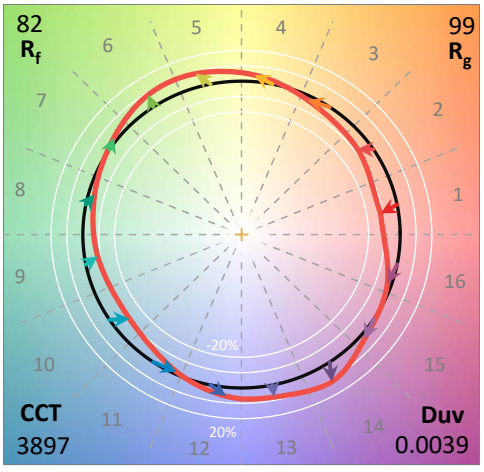
Test Information

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

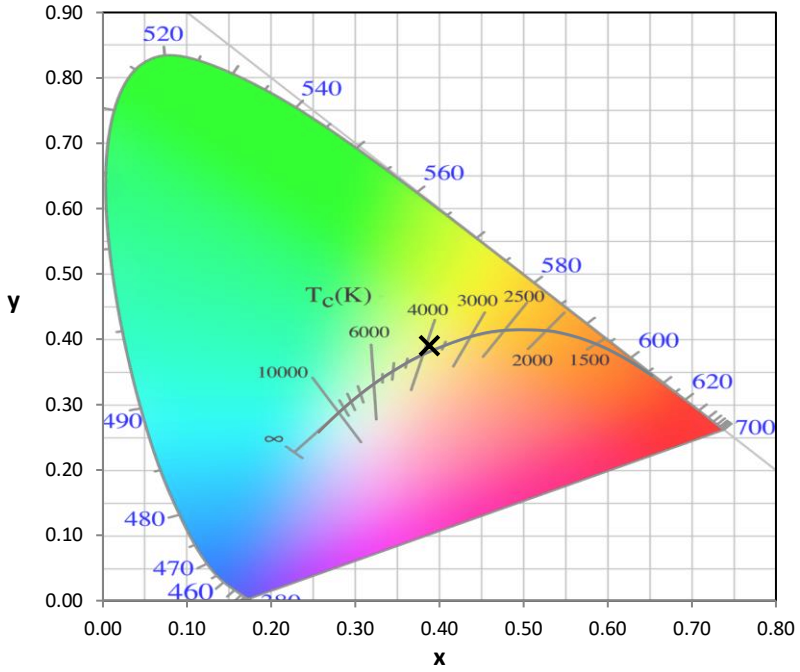
Stabilization Time:	24M
Operation Time:	1H 24M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-11

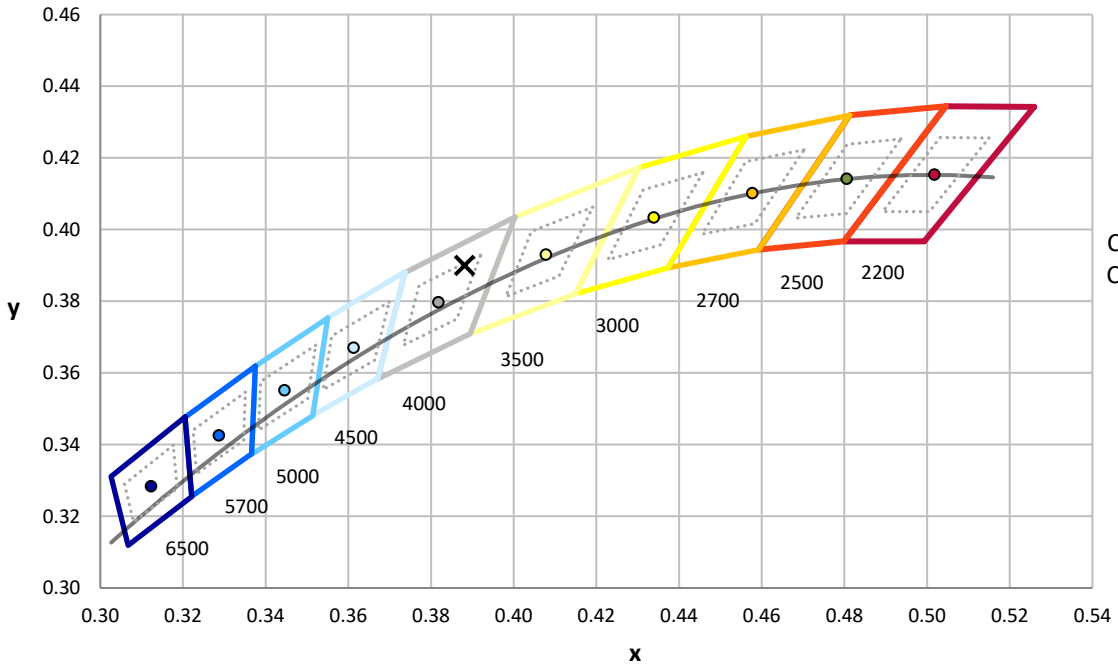
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

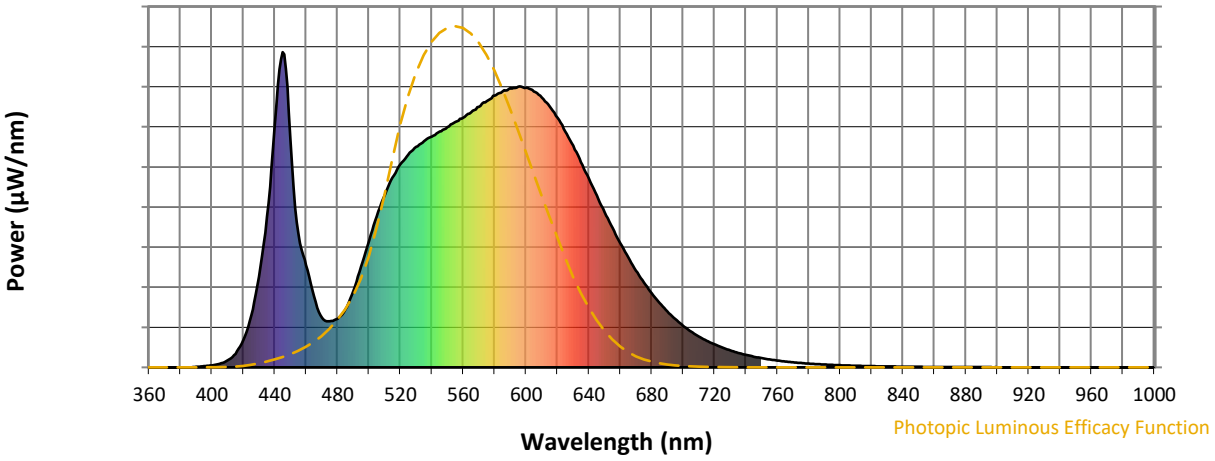


CCT = 3897K
CIE x = 0.3882
CIE y = 0.3900
Duv = 0.0039

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

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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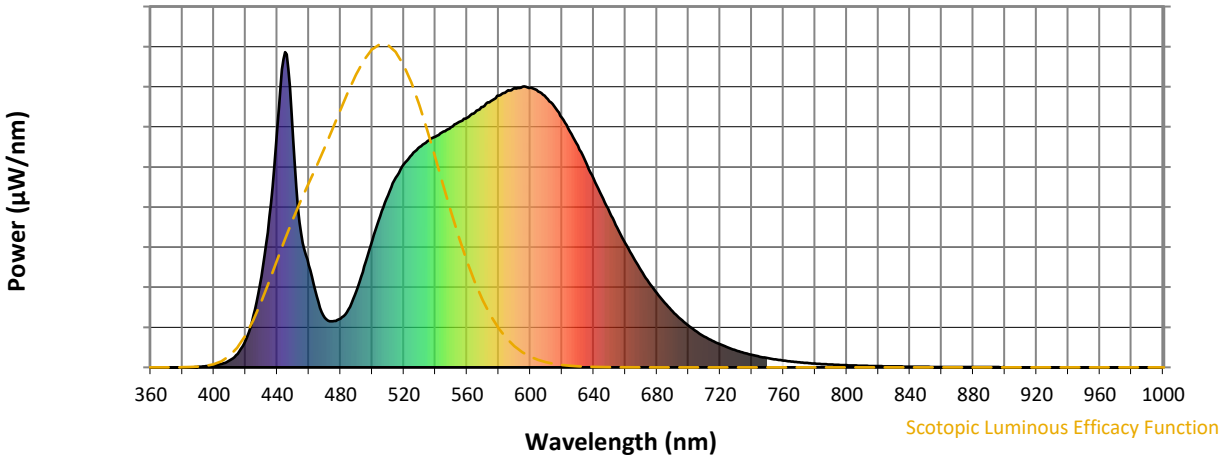
Scotopic Flux vs. Wavelength



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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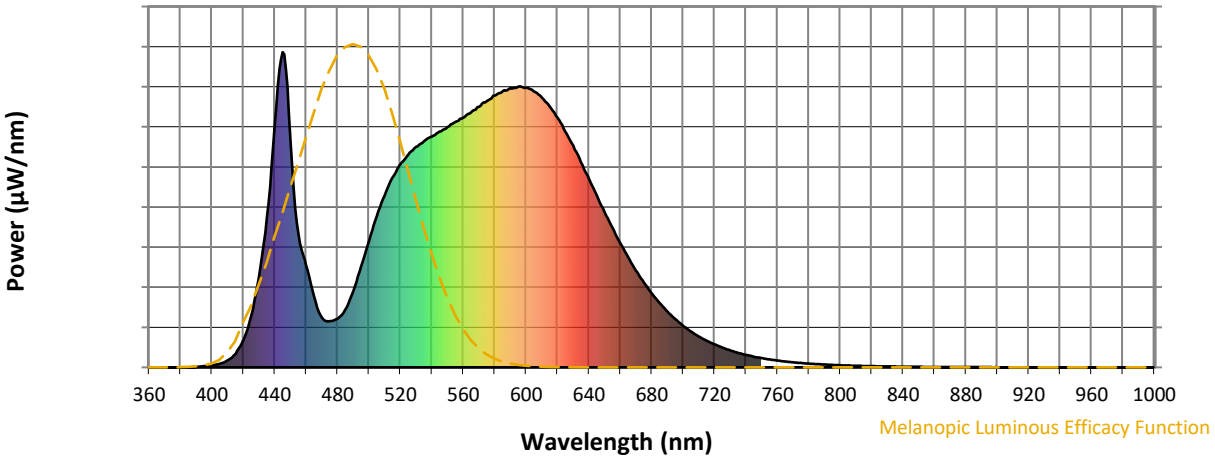
Melanopic Flux vs. Wavelength



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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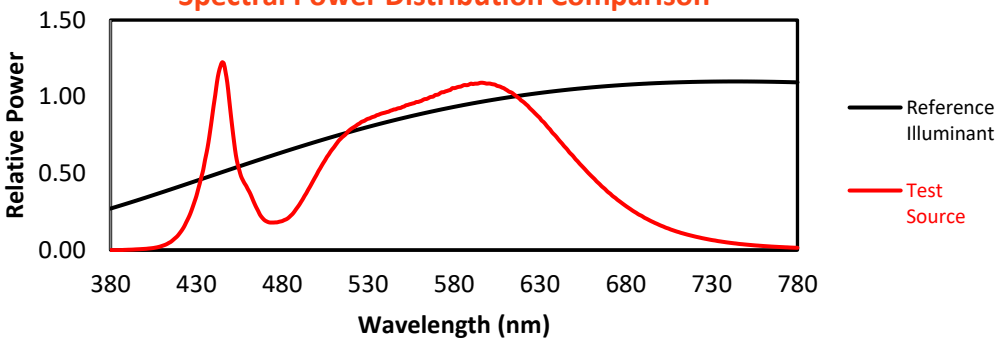
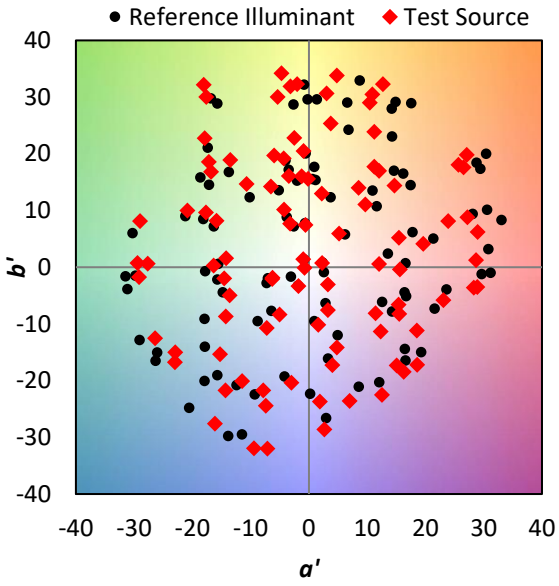
Summary

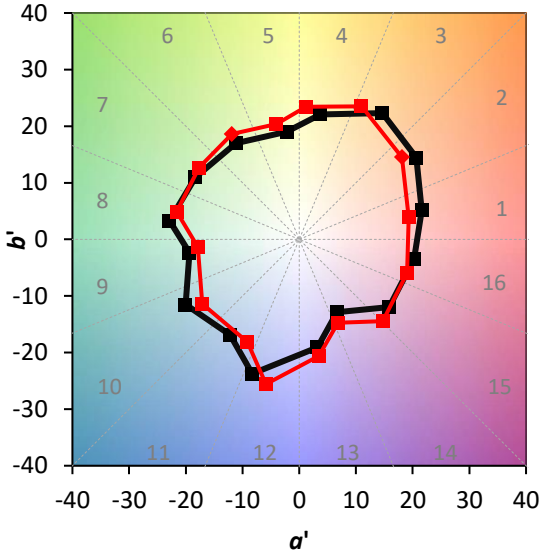
R_f = 81.8
R_g = 98.6
CIE R_a = 80.2
R_9 = 6.7

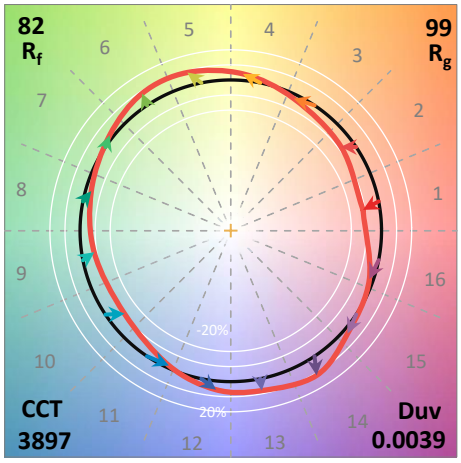
Spectral Power Distribution Comparison

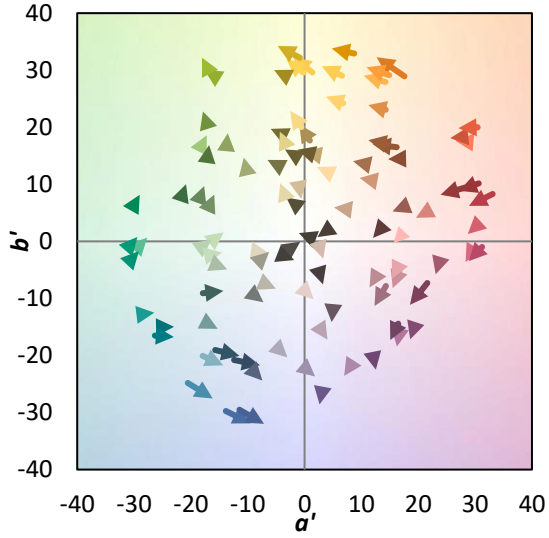


Color Vector Graphics









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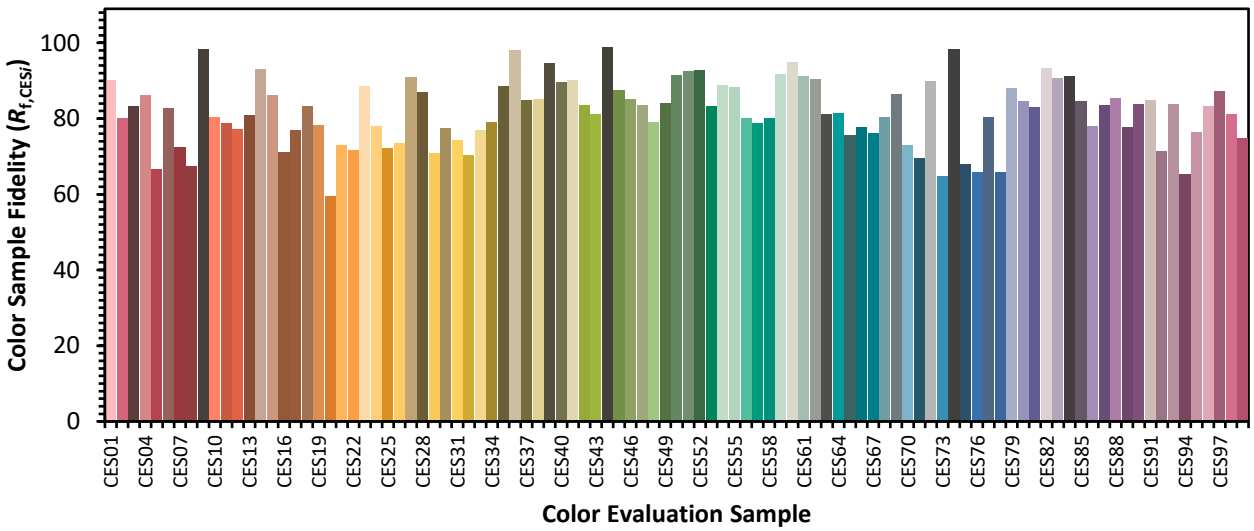
Individual Sample Fidelity Index ($R_{f,i}$)

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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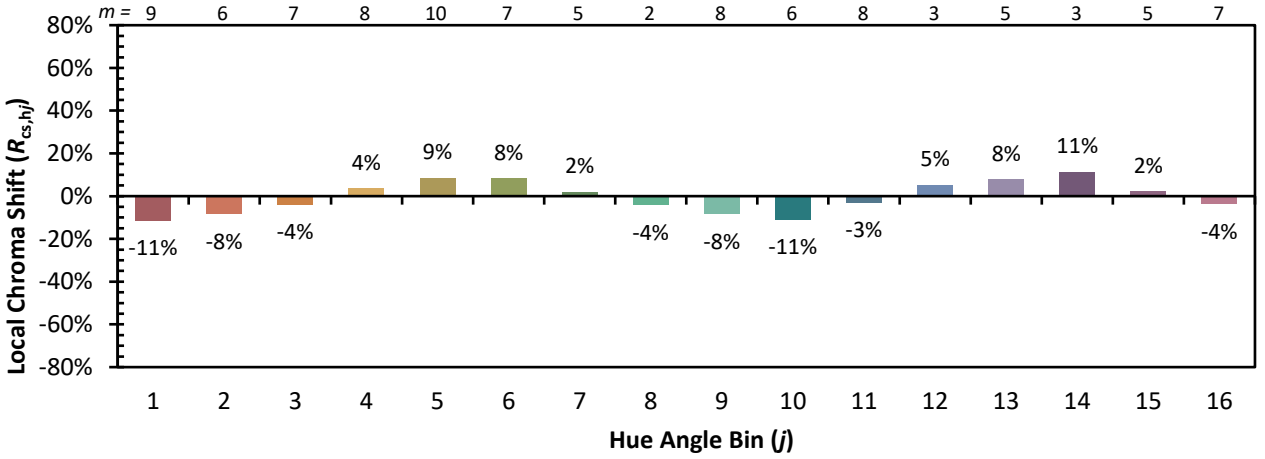
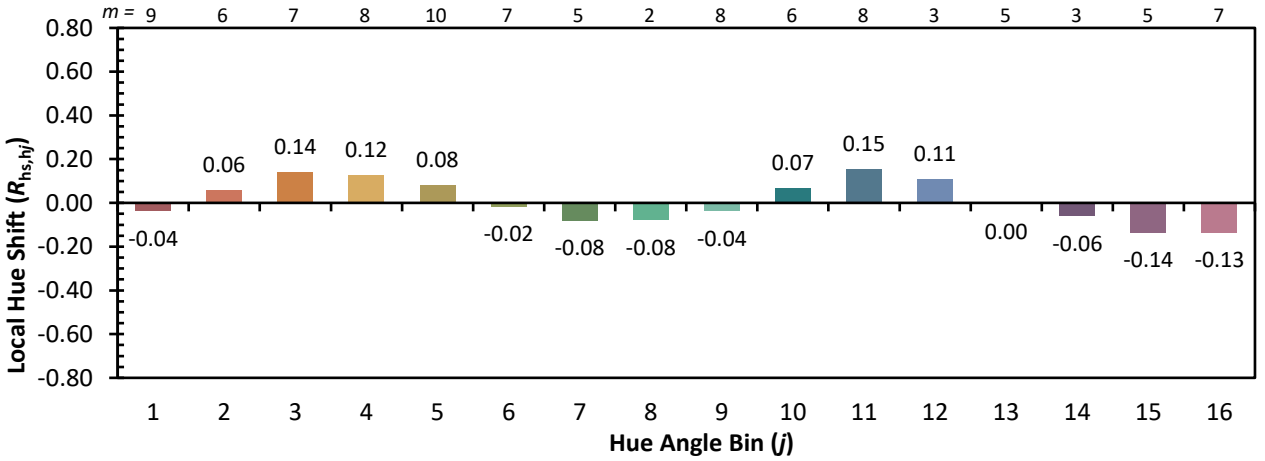
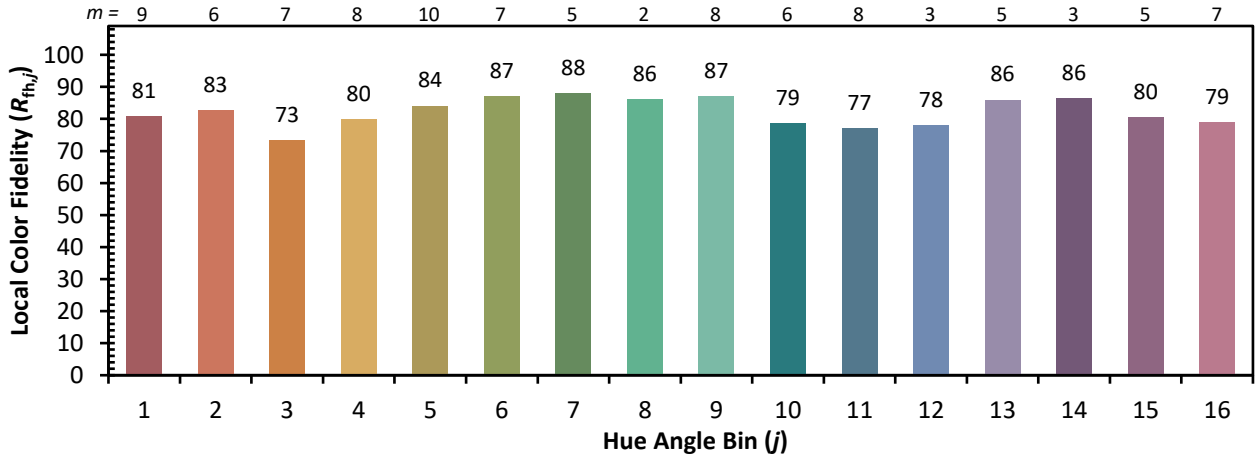
Color Rendition by Hue-Angle Bin







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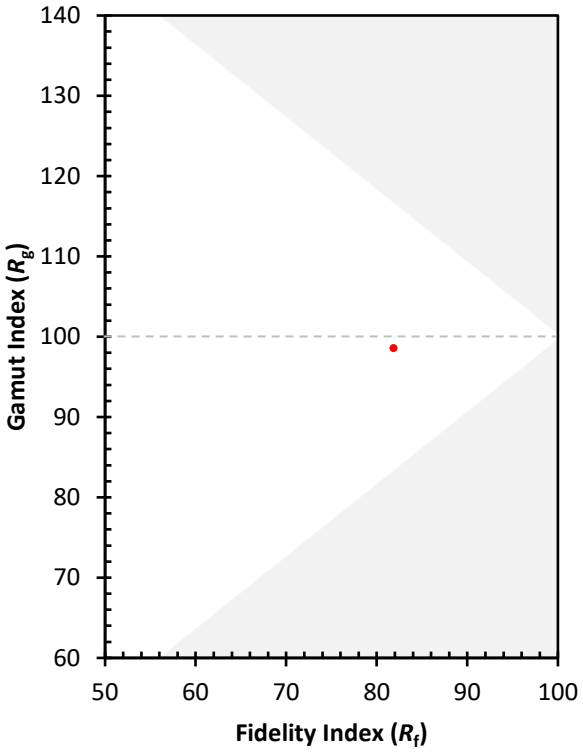
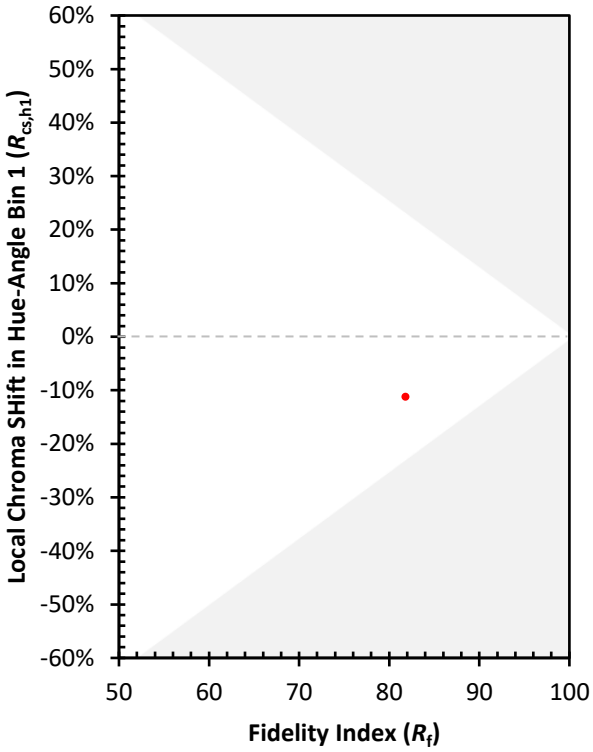
Measure Comparisons





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