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: P1459183

Luminaire Tested: GLAN-SB3A-940-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:	P1459183
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-940-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	7072.8 lumens
Efficiency:	N/A
Efficacy:	83.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
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: P1459183
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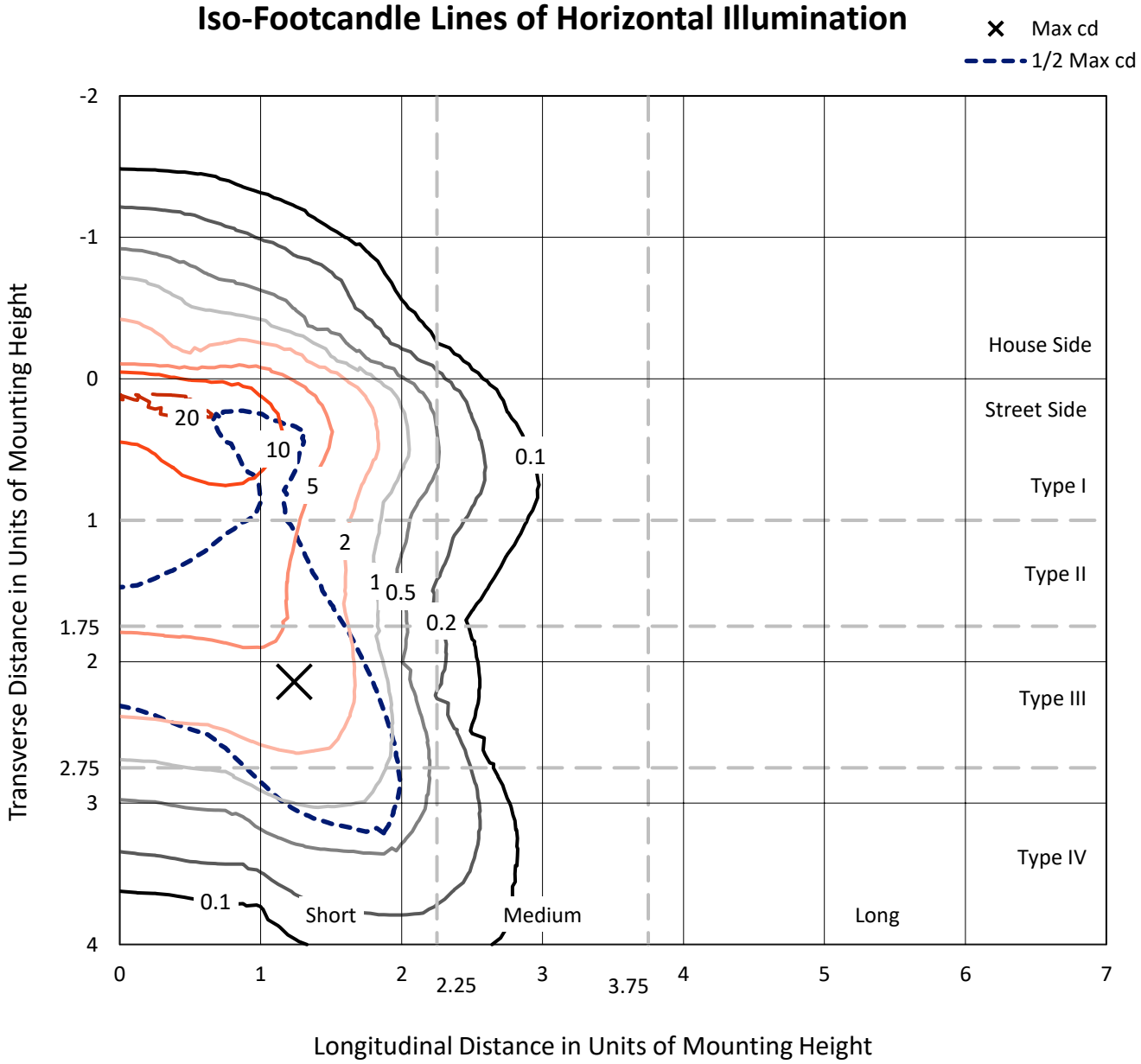
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 21.3 fc
Type IV - Short - N/A

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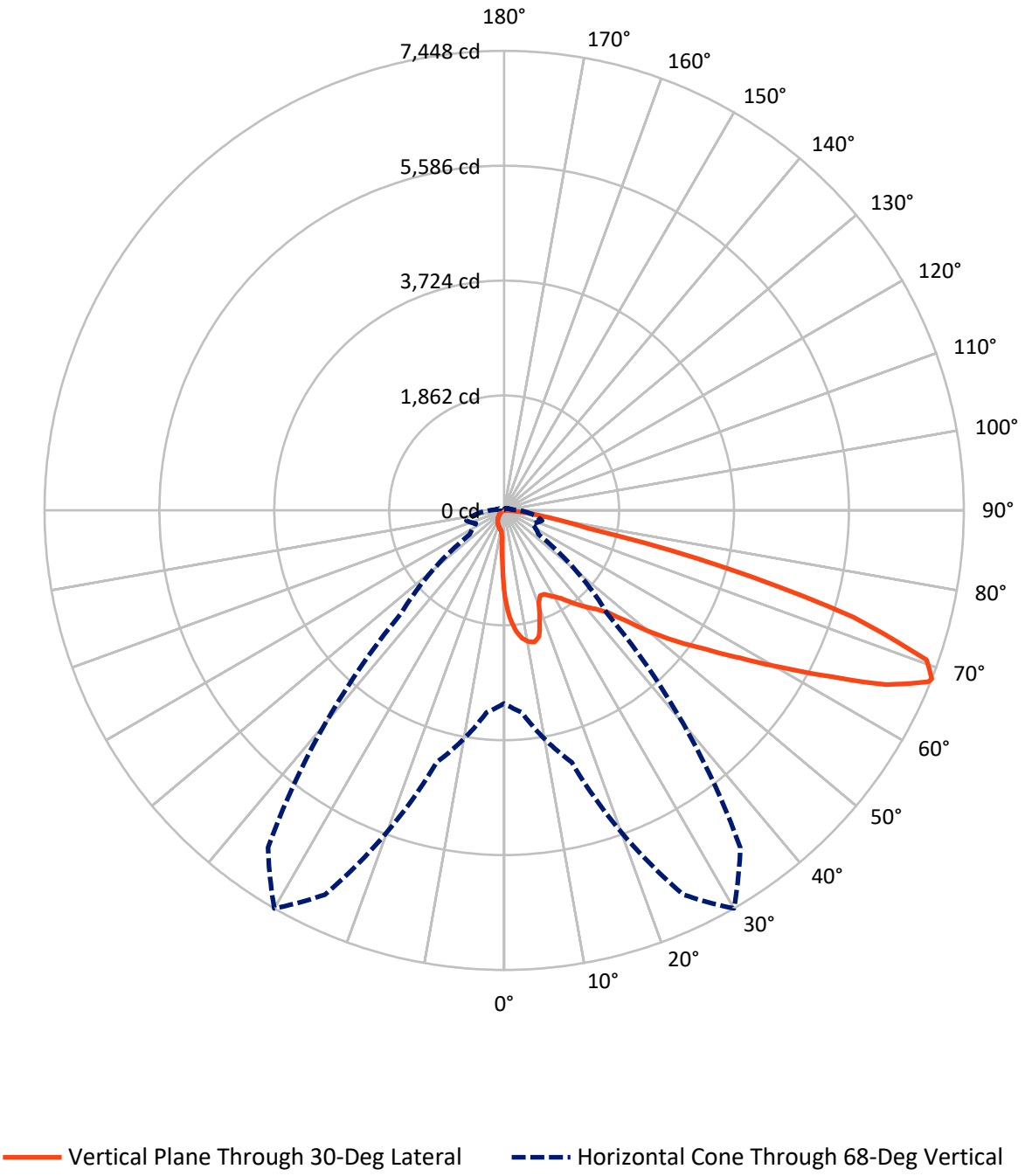
Luminous Intensity Polar Plot



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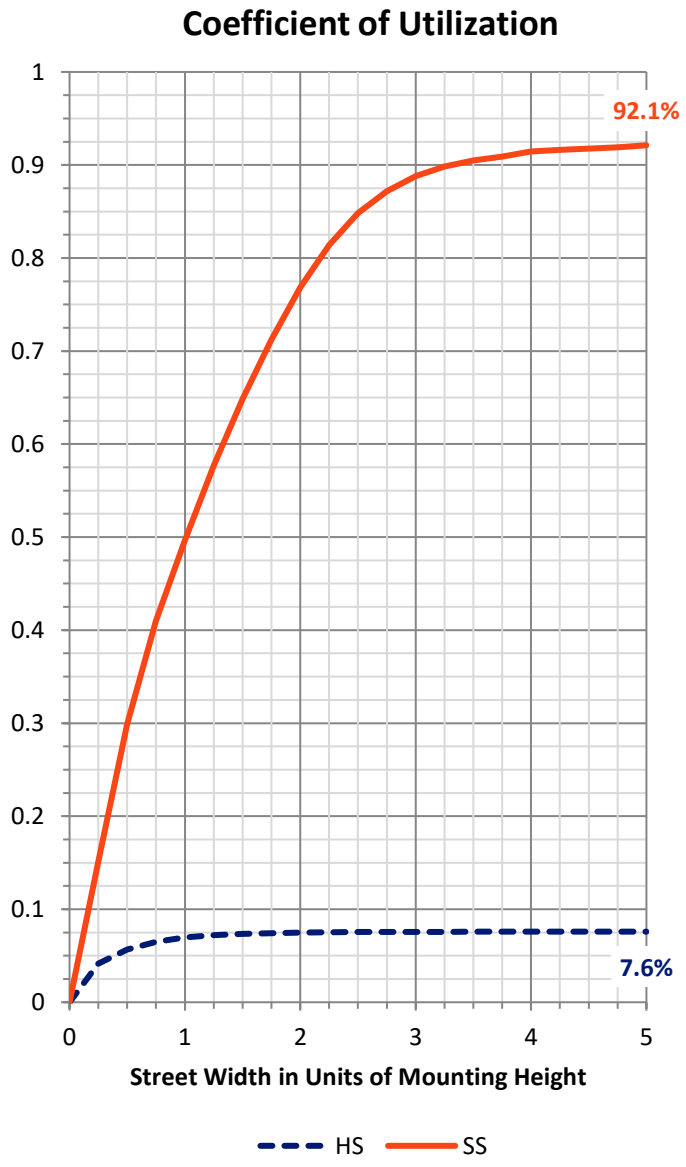
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	539.8	0.0	539.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	6533.0	0.0	6533.0
	% Fixture	92.4	0.0	92.4
Total	Lumens	7072.8	0.0	7072.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.3	1.7
10°-20°	343.6	4.9
20°-30°	539.9	7.6
30°-40°	846.8	12.0
40°-50°	1265.7	17.9
50°-60°	1683.8	23.8
60°-70°	1627.8	23.0
70°-80°	585.1	8.3
80°-90°	59.7	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°	7072.8	100.0
0°-180°	7072.8	100.0



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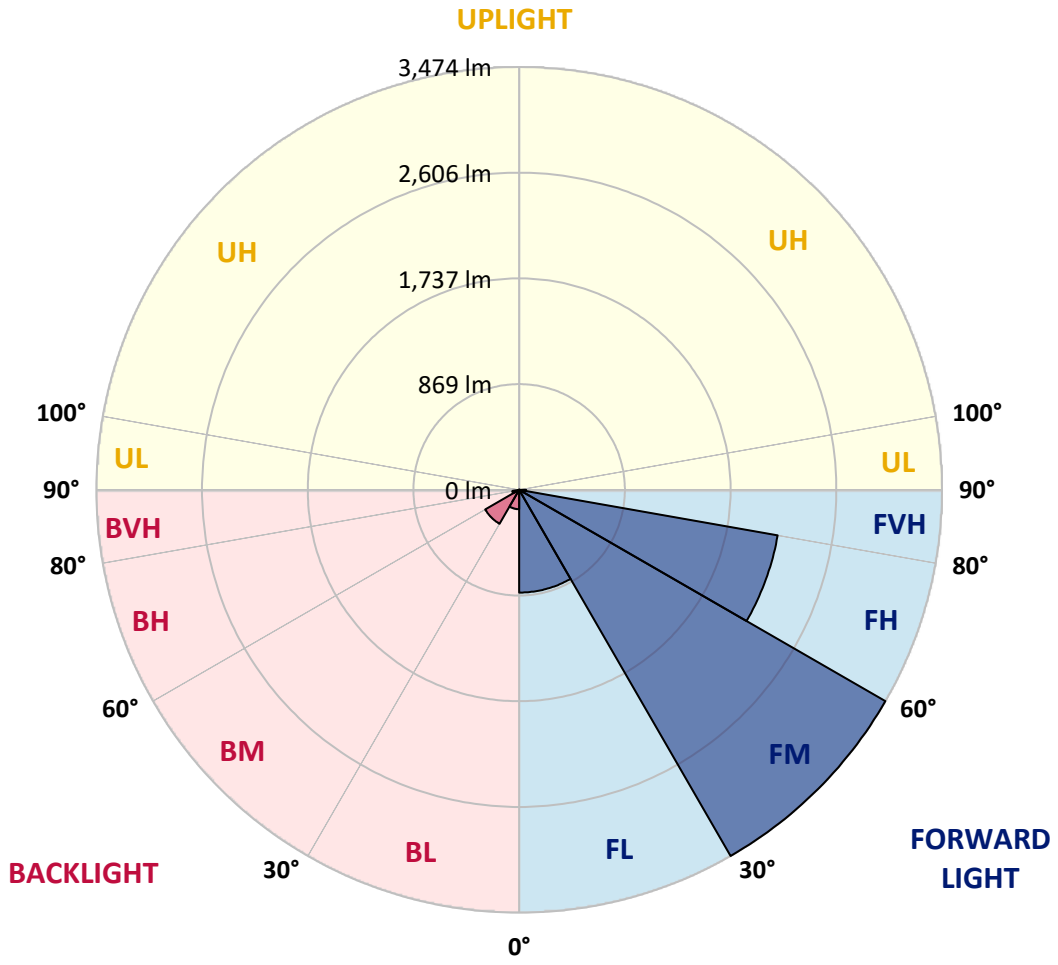
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	844.5	11.9			
FM	(30°-60°)	3474.2	49.1			
FH	(60°-80°)	2156.7	30.5			G2/5000
FVH	(80°-90°)	57.6	0.8			G1/100
BL	(0°-30°)	159.3	2.3	B1/500		
BM	(30°-60°)	322.2	4.6	B1/1000		
BH	(60°-80°)	56.1	0.8	B0/110		G0/110
BVH	(80°-90°)	2.1	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 IV Short



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REPORT NUMBER: P1459183
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	1394.7	1394.7	1394.7	1394.7	*1394.7*	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
2.5°	1782.6	1782.6	1769.8	1752.9	*1733.8*	1727.4	1691.4	1640.5	1587.6	1526.1	1437.1
5°	2011.5	2009.3	1983.9	1983.9	*1958.5*	1935.2	1899.1	1824.9	1740.2	1629.9	1475.2
7.5°	2113.2	2117.4	2106.8	2106.8	*2092.0*	2075.1	2053.9	1981.8	1882.2	1733.8	1513.4
10°	2149.2	2151.4	2151.4	2166.2	*2162.0*	2159.8	2157.7	2117.4	2013.6	1839.8	1553.6
12.5°	2062.3	2072.9	2102.6	2168.3	*2189.5*	2212.8	2244.6	2231.9	2159.8	1973.3	1615.1
15°	1782.6	1784.7	1867.3	2030.5	*2117.4*	2206.5	2329.4	2354.8	2308.2	2117.4	1678.7
17.5°	1471.0	1477.3	1543.0	1725.3	*1865.2*	2070.8	2378.1	2482.0	2465.0	2259.5	1738.0
20°	1341.7	1350.2	1382.0	1496.4	*1602.4*	1793.1	2329.4	2602.8	2609.2	2401.5	1793.1
22.5°	1312.0	1318.4	1343.8	1432.8	*1498.5*	1625.7	2164.1	2698.2	2772.4	2564.7	1858.9
25°	1303.5	1309.9	1348.0	1445.5	*1507.0*	1613.0	2013.6	2749.1	2965.3	2734.2	1922.4
27.5°	1297.2	1305.6	1367.1	1492.2	*1564.2*	1666.0	1986.0	2759.7	3149.7	2914.4	2026.3
30°	1305.6	1318.4	1398.9	1540.9	*1623.6*	1738.0	2051.7	2770.3	3353.1	3120.0	2157.7
32.5°	1339.6	1350.2	1447.7	1606.6	*1702.0*	1831.3	2164.1	2833.9	3546.0	3329.8	2282.8
35°	1377.7	1392.6	1509.1	1699.9	*1814.3*	1960.6	2316.7	2958.9	3730.4	3529.1	2412.1
37.5°	1424.3	1441.3	1581.2	1805.9	*1937.3*	2102.6	2482.0	3132.7	3893.6	3692.3	2541.4
40°	1487.9	1507.0	1663.9	1918.2	*2060.2*	2225.5	2645.2	3304.4	4018.7	3789.8	2626.1
42.5°	1738.0	1763.5	1829.2	2028.4	*2187.4*	2357.0	2806.3	3467.6	4065.3	3821.6	2643.1
45°	2204.3	2229.8	2212.8	2251.0	*2357.0*	2515.9	2982.2	3624.4	4071.7	3813.1	2634.6
47.5°	2672.8	2702.4	2687.6	2666.4	*2689.7*	2766.0	3179.3	3724.1	4037.8	3808.9	2634.6
50°	3120.0	3103.0	3105.2	3098.8	*3120.0*	3160.3	3370.1	3743.1	4029.3	3849.1	2657.9
52.5°	3359.5	3368.0	3421.0	3499.4	*3546.0*	3586.3	3588.4	3772.8	3967.8	3781.3	2630.4
55°	3594.8	3611.7	3734.7	3868.2	*3972.1*	4048.4	3806.7	3753.7	3601.1	3554.5	2486.2
57.5°	3859.7	3883.0	4056.8	4332.4	*4514.7*	4554.9	4022.9	3397.7	3047.9	3230.2	2206.5
60°	4224.3	4251.8	4482.9	4896.2	*5167.5*	5084.8	4039.9	2831.7	2420.5	2681.2	1820.7
62.5°	4510.4	4565.5	4983.1	5627.4	*5926.3*	5663.5	3724.1	2170.4	1691.4	1884.3	1329.0
65°	4205.2	4311.2	4991.6	6464.7	*6810.1*	6343.8	3228.1	1481.6	953.8	1218.7	849.9
67.5°	3399.8	3548.1	4432.0	6871.6	*7416.3*	6702.1	2541.4	786.4	546.8	707.9	447.2
68°	*3128.5*	*3289.6*	*4226.4*	*6871.6*	*7448.1*	*6670.3*	*2359.1*	*680.4*	*504.5*	*635.9*	*387.9*
70°	2162.0	2276.4	3249.3	6485.9	*7261.6*	6081.0	1553.6	390.0	379.4	436.6	256.5
72.5°	1059.8	1182.7	1738.0	5139.9	*5915.7*	4673.6	707.9	258.6	288.3	320.1	201.4
75°	421.8	447.2	684.6	2535.0	*3696.5*	2982.2	370.9	195.0	248.0	250.1	159.0
77.5°	241.6	256.5	379.4	932.6	*1386.2*	1333.2	239.5	139.9	197.1	180.2	103.9
80°	135.7	137.8	214.1	491.7	*792.7*	710.1	163.2	101.7	150.5	127.2	69.9
82.5°	67.8	76.3	135.7	271.3	*440.9*	451.5	86.9	72.1	120.8	91.1	57.2
85°	48.7	53.0	97.5	150.5	*203.5*	305.2	53.0	36.0	91.1	61.5	40.3
87.5°	25.4	31.8	61.5	74.2	*82.7*	103.9	25.4	17.0	50.9	36.0	21.2
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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REPORT NUMBER: P1459183
CATALOG NUMBER: GLAN-SB3A-940-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7	1394.7
2.5°	1394.7	1345.9	1246.3	1129.7	1038.6	945.3	869.0	797.0	763.0	758.8	767.3
5°	1388.3	1282.3	1055.5	833.0	650.7	523.5	453.6	417.6	398.5	390.0	392.1
7.5°	1375.6	1214.5	852.1	563.8	421.8	366.7	349.7	343.4	341.2	341.2	341.2
10°	1362.9	1123.4	652.8	413.3	345.5	330.7	326.4	326.4	324.3	324.3	326.4
12.5°	1356.5	1038.6	506.6	345.5	322.2	315.8	311.6	309.5	309.5	309.5	311.6
15°	1341.7	945.3	409.1	320.1	307.3	298.9	296.7	294.6	294.6	294.6	294.6
17.5°	1329.0	854.2	356.1	303.1	292.5	284.0	281.9	279.8	279.8	281.9	281.9
20°	1309.9	767.3	320.1	286.1	277.7	269.2	267.1	264.9	267.1	267.1	267.1
22.5°	1286.6	695.2	298.9	273.4	262.8	254.3	254.3	254.3	254.3	254.3	256.5
25°	1271.7	644.3	284.0	258.6	248.0	241.6	239.5	239.5	243.7	243.7	245.9
27.5°	1295.1	631.6	286.1	254.3	235.3	228.9	226.8	226.8	231.0	233.2	235.3
30°	1365.0	654.9	311.6	267.1	226.8	216.2	214.1	214.1	220.4	222.6	224.7
32.5°	1445.5	703.7	349.7	284.0	220.4	203.5	199.2	199.2	205.6	207.7	209.8
35°	1555.8	780.0	400.6	298.9	224.7	190.8	182.3	182.3	186.5	190.8	192.9
37.5°	1697.8	905.1	459.9	309.5	224.7	175.9	165.3	163.2	167.4	167.4	169.6
40°	1846.1	1068.3	521.4	309.5	214.1	161.1	150.5	144.1	146.2	144.1	146.2
42.5°	1928.8	1199.7	574.4	290.4	201.4	146.2	135.7	127.2	125.1	120.8	122.9
45°	1975.4	1259.0	559.6	269.2	188.6	135.7	122.9	112.3	108.1	101.7	101.7
47.5°	1975.4	1265.4	479.0	252.2	175.9	127.2	110.2	99.6	93.3	86.9	89.0
50°	1952.1	1208.1	379.4	235.3	161.1	118.7	99.6	91.1	82.7	78.4	78.4
52.5°	1854.6	1021.6	290.4	214.1	144.1	108.1	89.0	80.5	72.1	69.9	69.9
55°	1687.2	750.3	235.3	192.9	129.3	99.6	80.5	74.2	65.7	61.5	61.5
57.5°	1371.4	512.9	195.0	173.8	114.5	89.0	72.1	65.7	55.1	50.9	50.9
60°	1017.4	334.9	165.3	152.6	97.5	80.5	63.6	55.1	46.6	42.4	40.3
62.5°	686.7	226.8	137.8	120.8	82.7	69.9	55.1	46.6	36.0	27.6	27.6
65°	428.2	175.9	114.5	95.4	72.1	61.5	46.6	36.0	25.4	19.1	17.0
67.5°	245.9	142.0	93.3	74.2	61.5	48.7	36.0	29.7	21.2	14.8	12.7
68°	*226.8*	*135.7*	*86.9*	*69.9*	*57.2*	*46.6*	*33.9*	*27.6*	*19.1*	*12.7*	*12.7*
70°	184.4	120.8	74.2	57.2	48.7	38.2	29.7	23.3	14.8	8.5	8.5
72.5°	163.2	101.7	63.6	44.5	33.9	31.8	23.3	17.0	10.6	6.4	4.2
75°	133.5	80.5	50.9	33.9	23.3	23.3	17.0	10.6	4.2	0.0	0.0
77.5°	86.9	59.3	40.3	21.2	12.7	14.8	10.6	4.2	0.0	0.0	0.0
80°	57.2	44.5	27.6	10.6	6.4	6.4	2.1	0.0	0.0	0.0	0.0
82.5°	40.3	29.7	17.0	4.2	2.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	25.4	12.7	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	4.2	2.1	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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

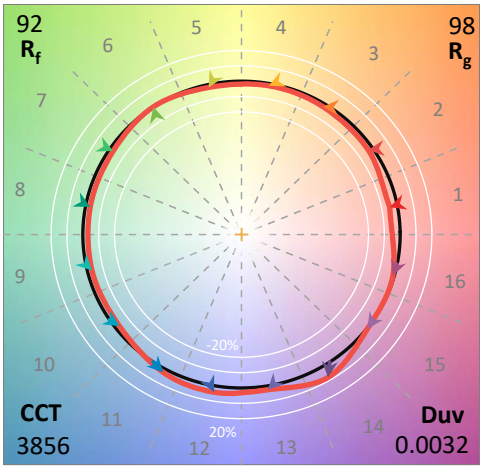
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-16
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-940-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3856
CIE u':	0.2261
CIE v':	0.5084
Duv:	0.0032
CIE x:	0.3896
CIE y:	0.3894
CIE z:	0.2211
Peak Wavelength (nm):	614
Dominant Wavelength (nm):	578
Purity:	33.77304
Rf:	91.8
Rg:	98.4

CRI (Ra):	92.1
R1:	91.8
R2:	94.1
R3:	95.3
R4:	92.8
R5:	91.0
R6:	91.6
R7:	95.0
R8:	85.2
R9:	60.7
R10:	85.2
R11:	92.4
R12:	74.5
R13:	92.3
R14:	97.0
R15:	88.5



Test Conditions

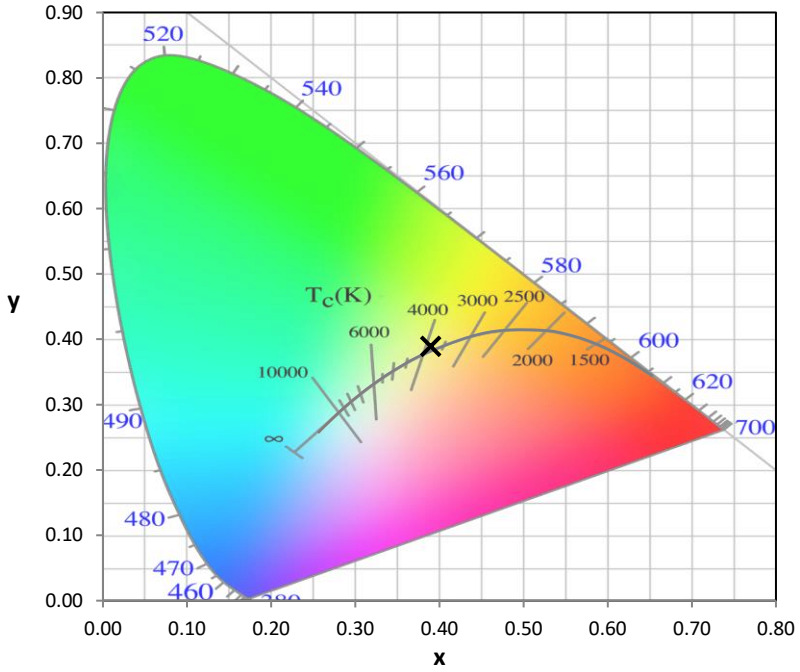
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

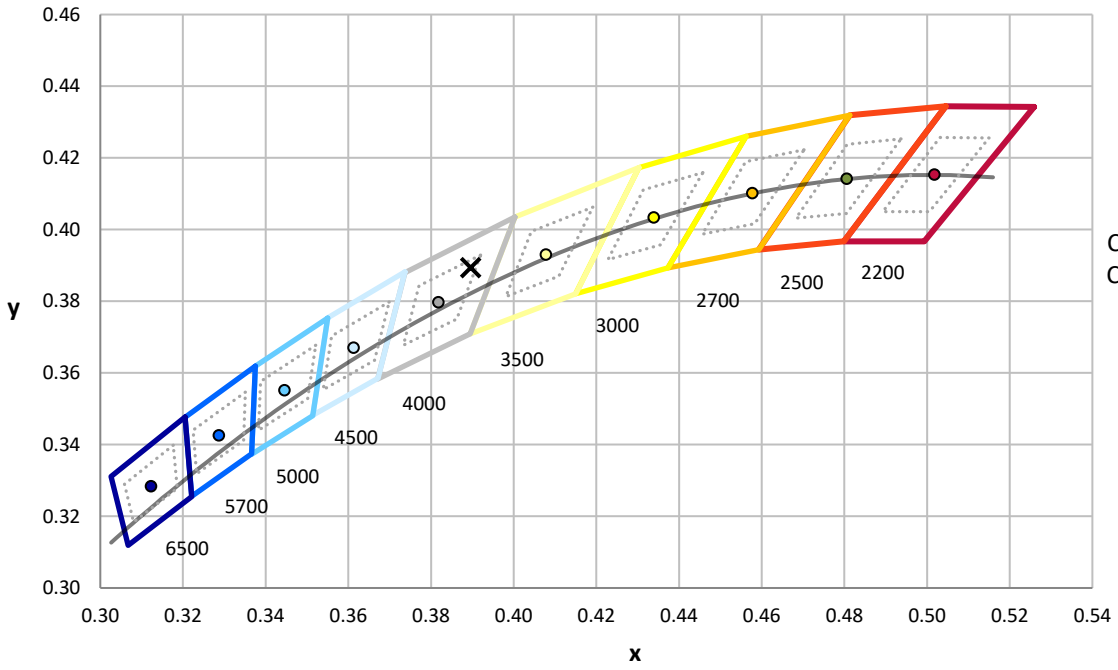
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

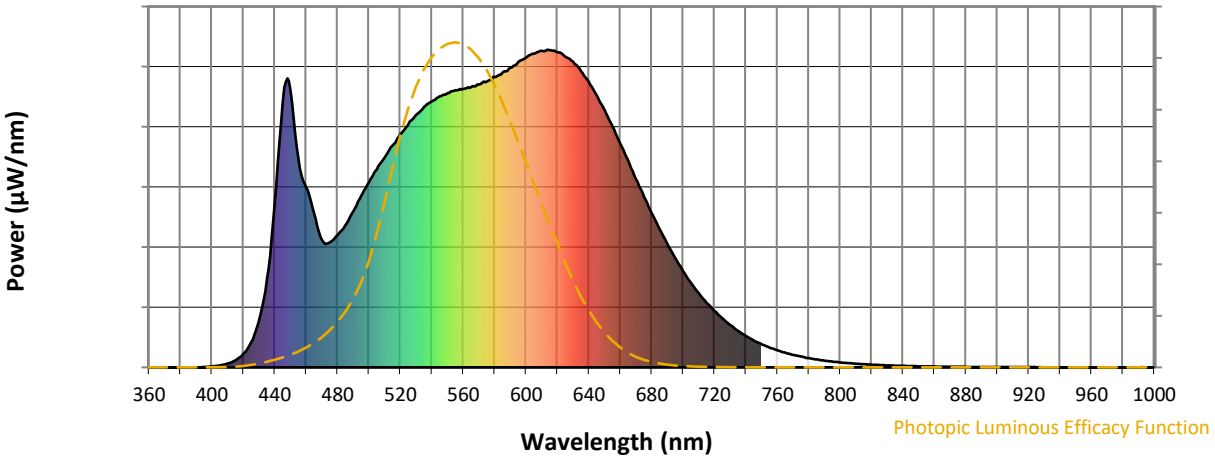


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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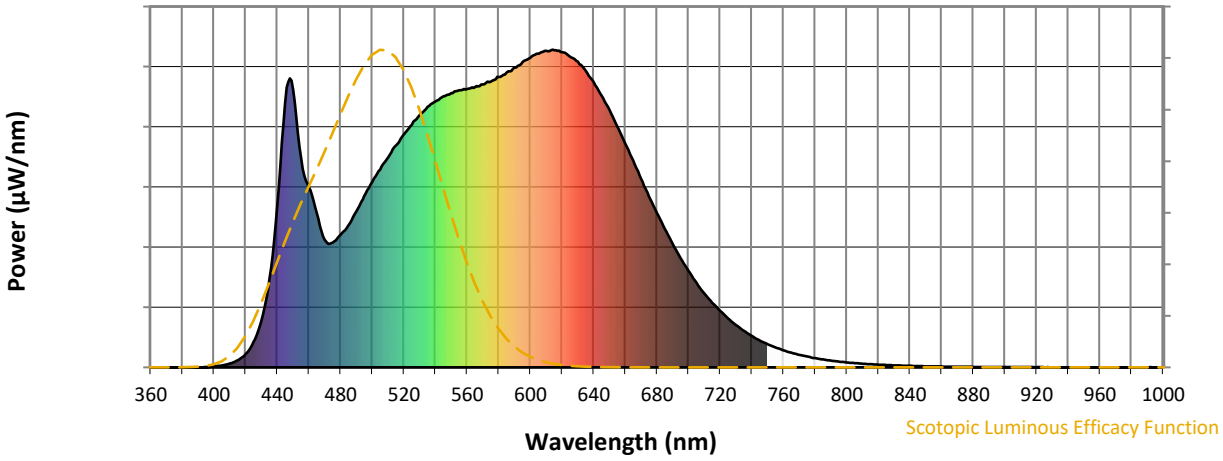
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.72**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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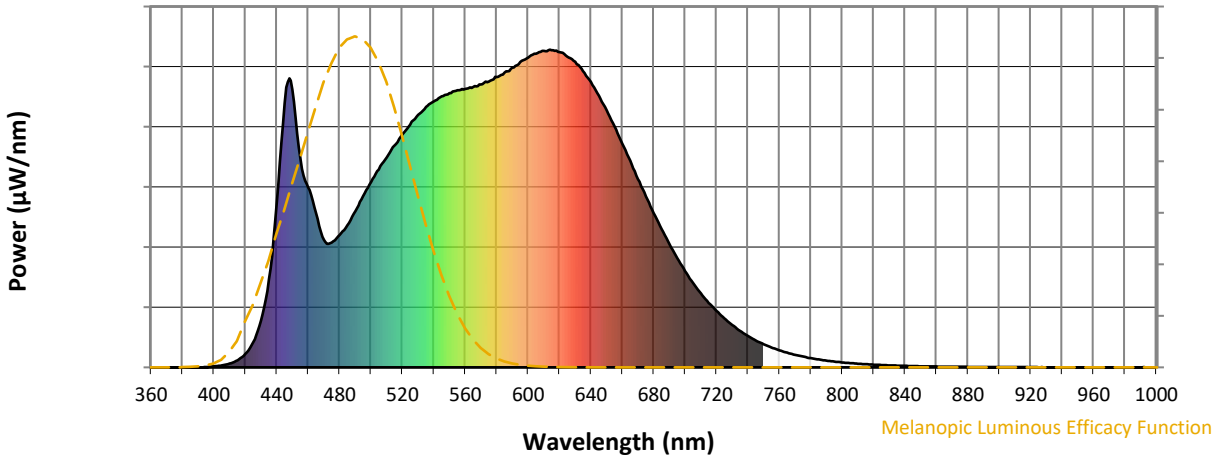
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.52**

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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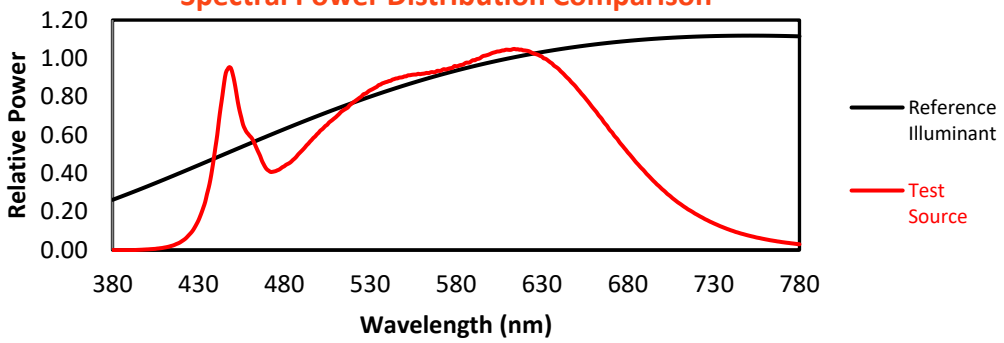
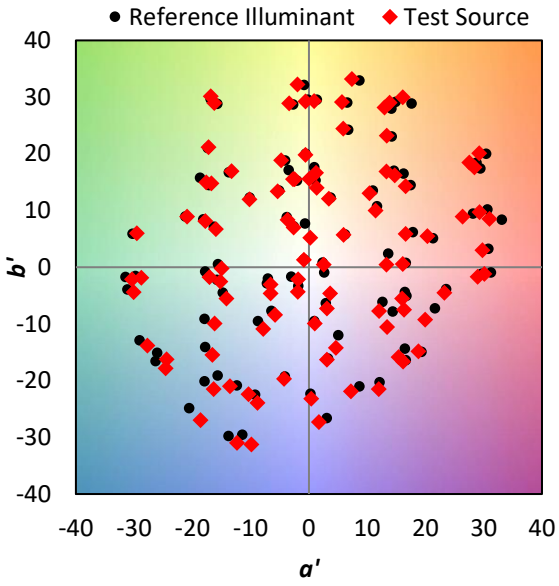
Summary

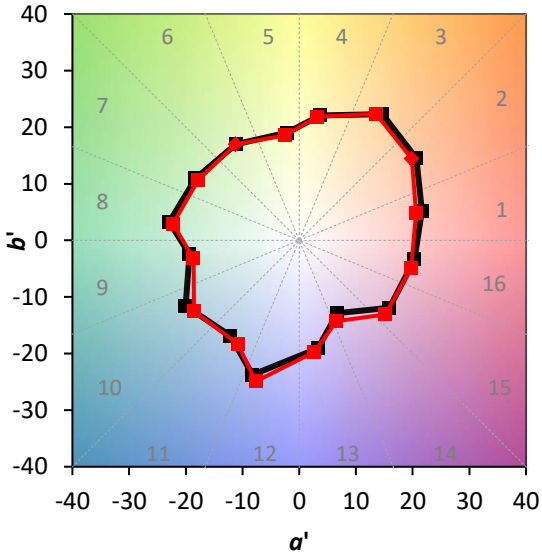
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

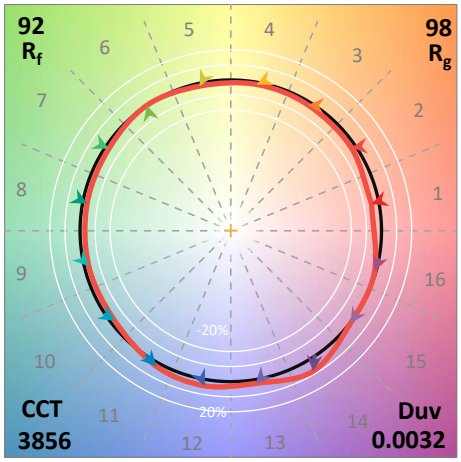
Spectral Power Distribution Comparison

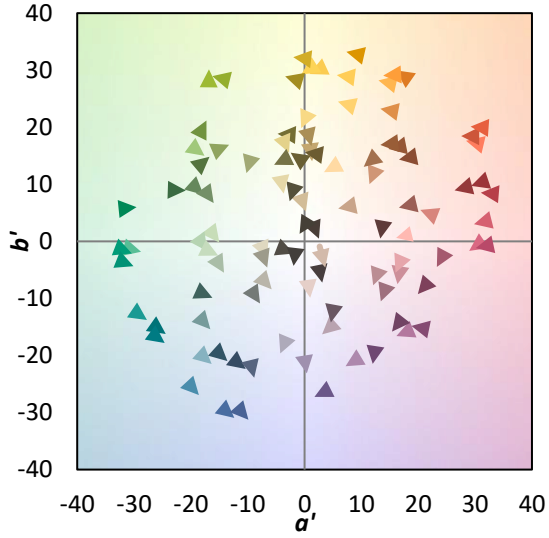


Color Vector Graphics









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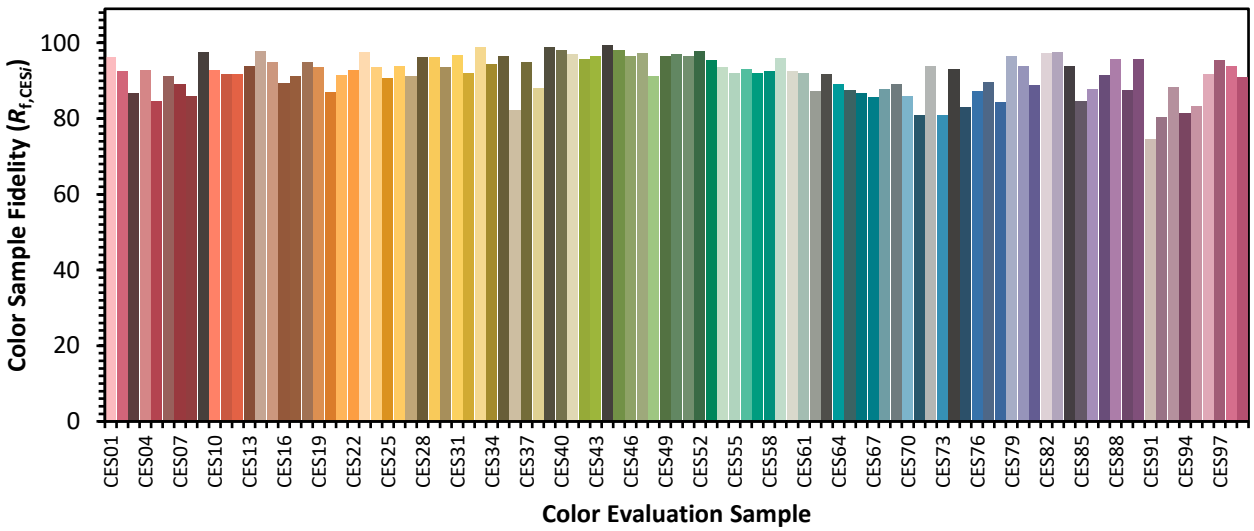
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



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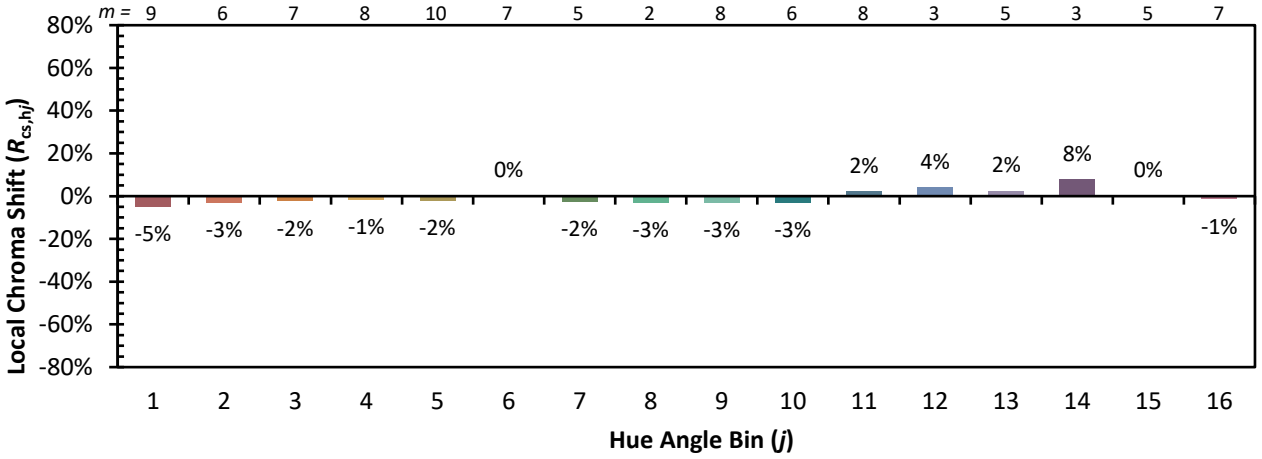
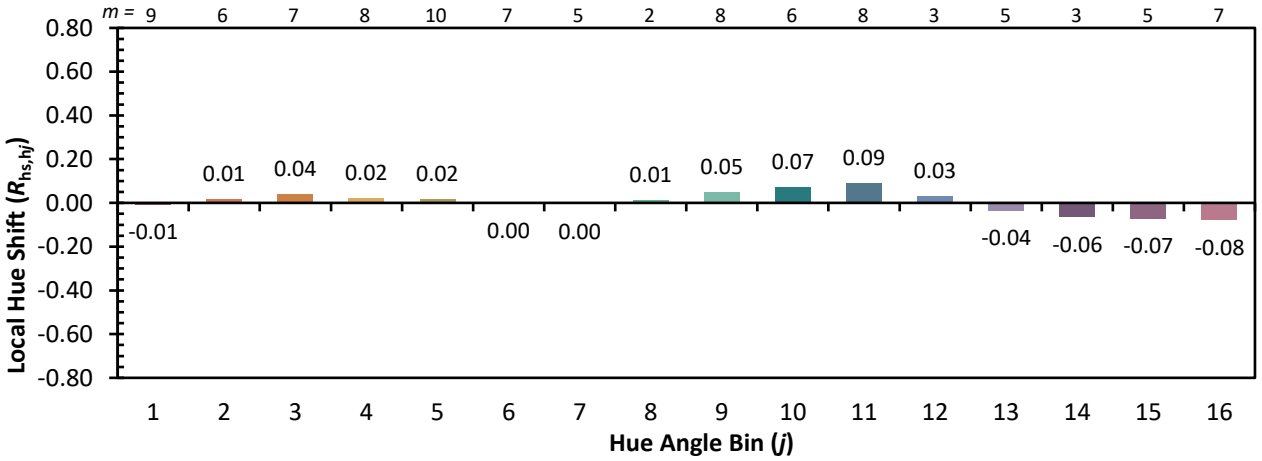
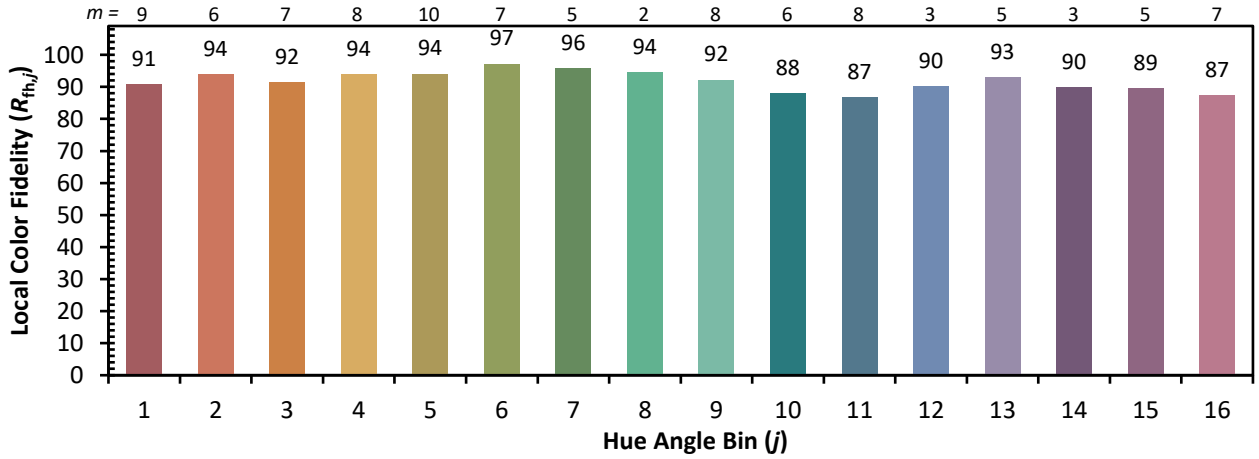
Color Rendition by Hue-Angle Bin







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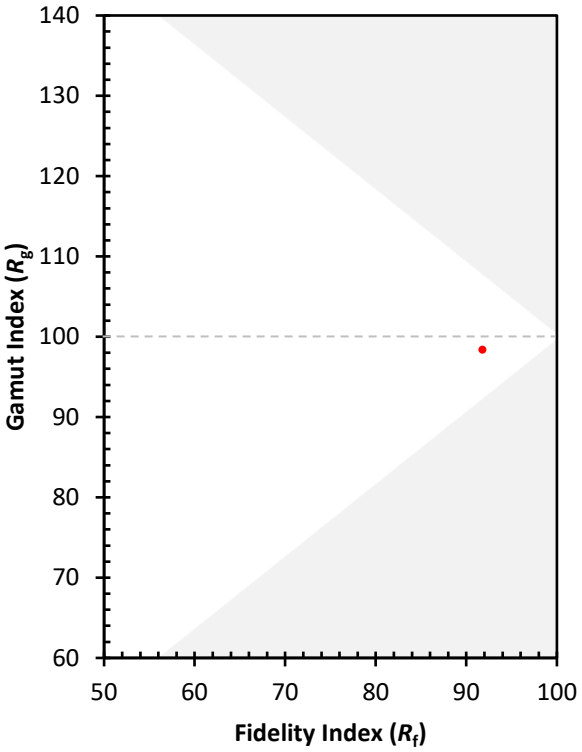
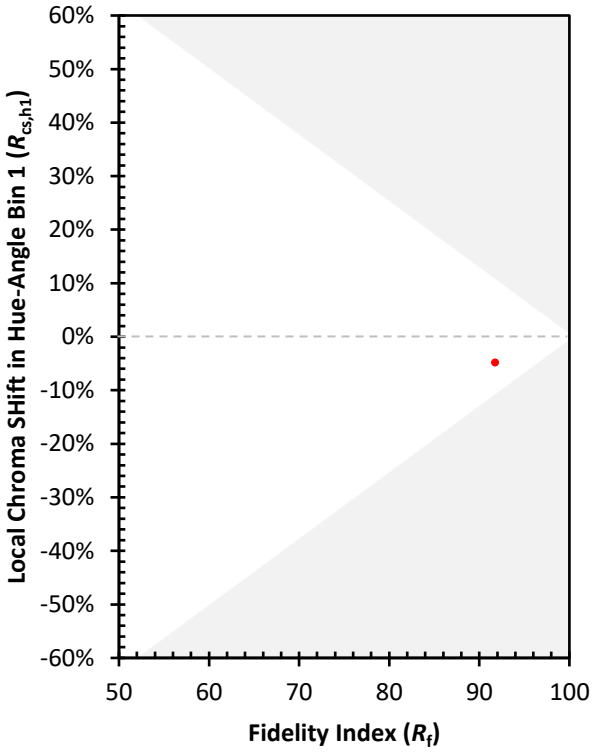
Measure Comparisons





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