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: P1458035

Luminaire Tested: GLAN-SB4A-940-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:	P1458035
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-940-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 90CRI 4000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 4000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9437.4 lumens
Efficiency:	N/A
Efficacy:	82.8 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):	114
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: P1458035
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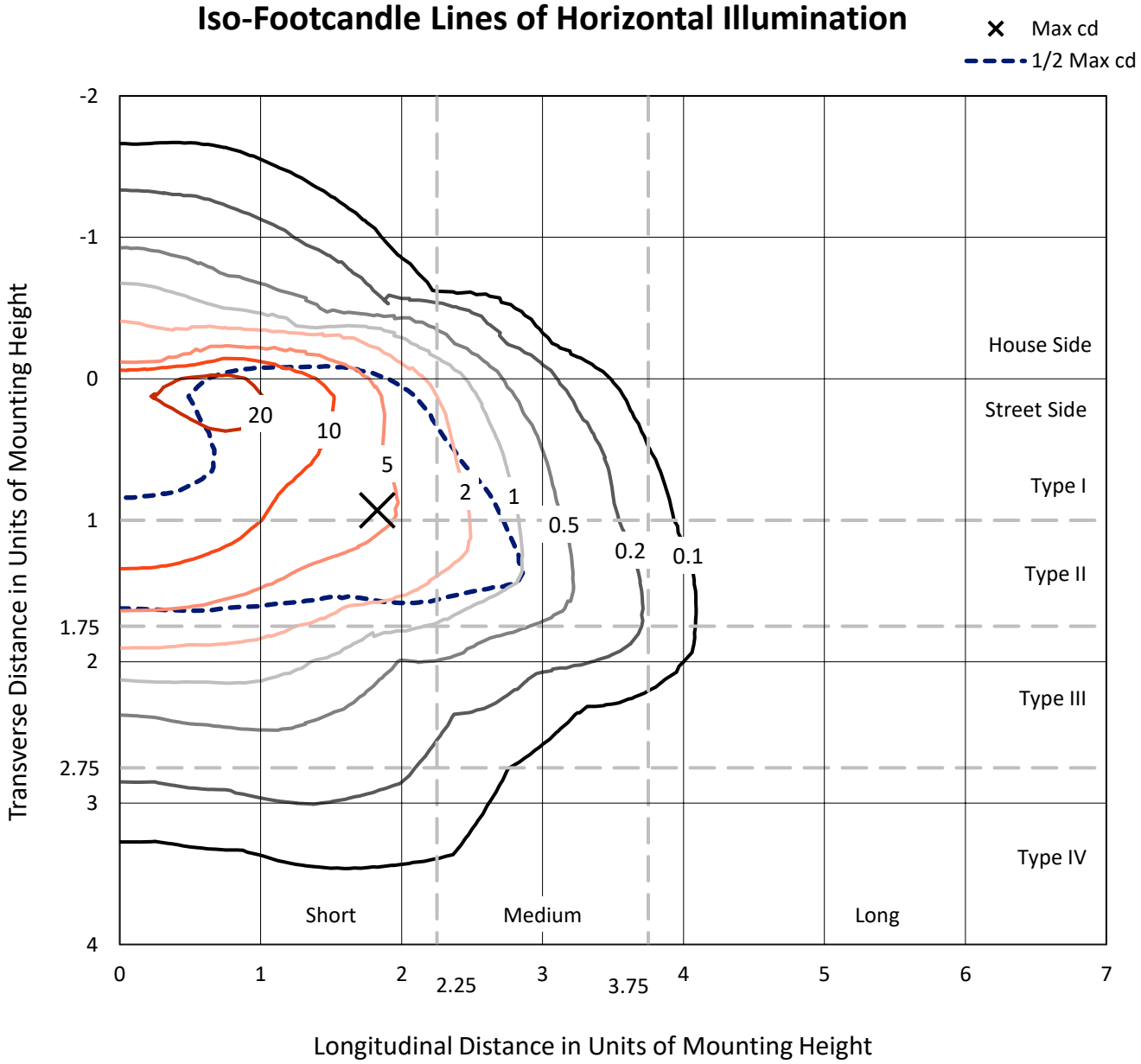
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 27.1 fc
Type II - Short - N/A

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REPORT NUMBER: P1458035
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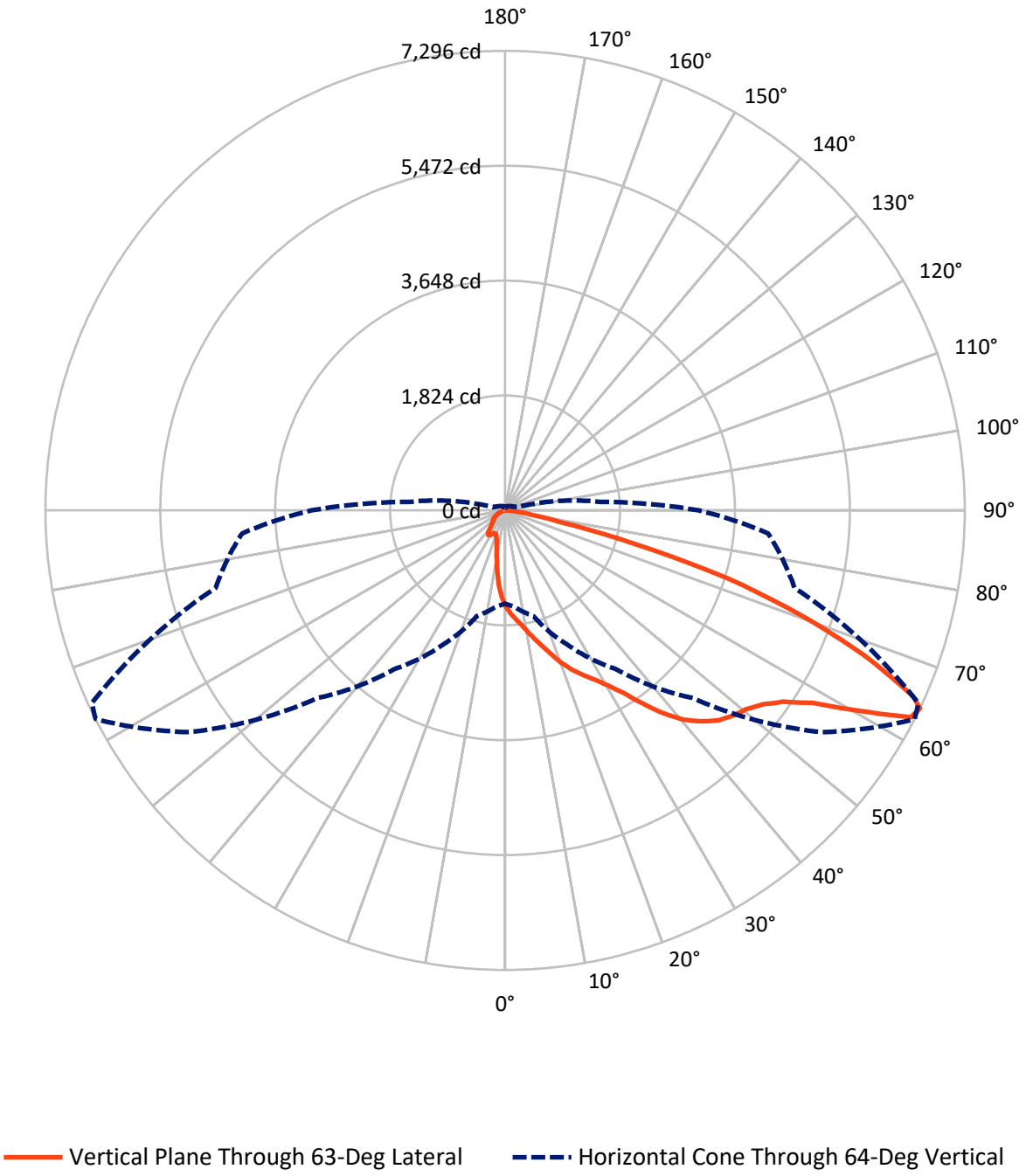
Luminous Intensity Polar Plot



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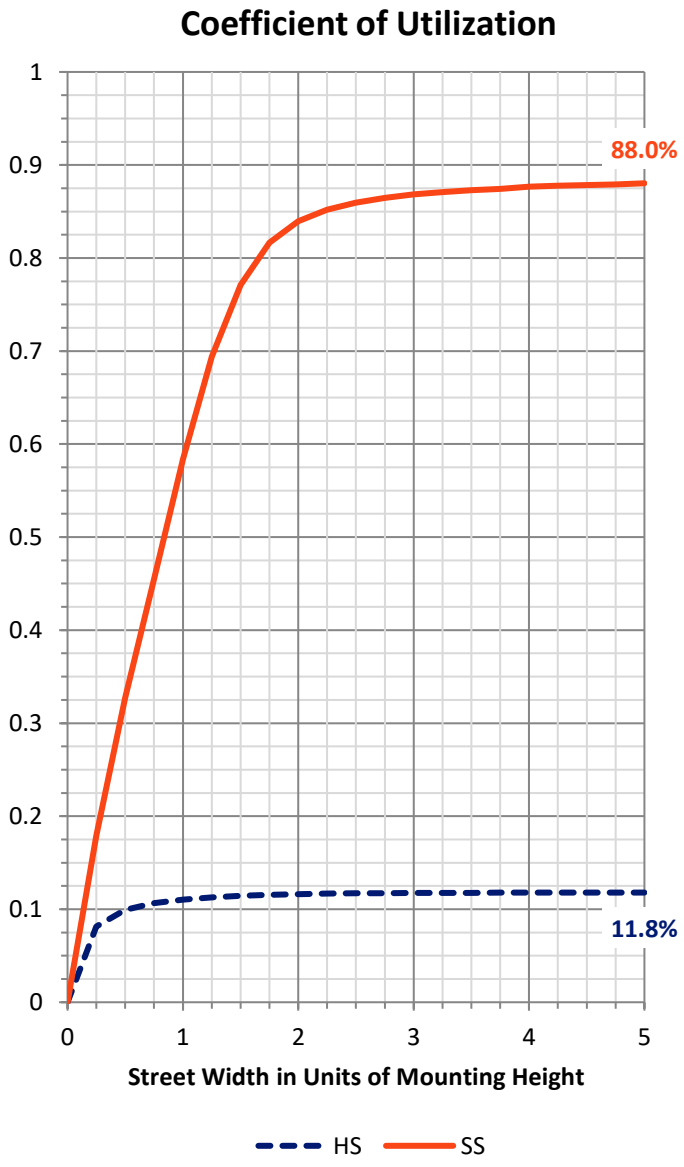
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1119.9	0.0	1119.9
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	8317.5	0.0	8317.5
	% Fixture	88.1	0.0	88.1
Total	Lumens	9437.4	0.0	9437.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.5	1.4
10°-20°	361.1	3.8
20°-30°	643.1	6.8
30°-40°	1228.3	13.0
40°-50°	2036.1	21.6
50°-60°	2537.9	26.9
60°-70°	1892.5	20.1
70°-80°	542.8	5.8
80°-90°	67.1	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°	9437.4	100.0
0°-180°	9437.4	100.0



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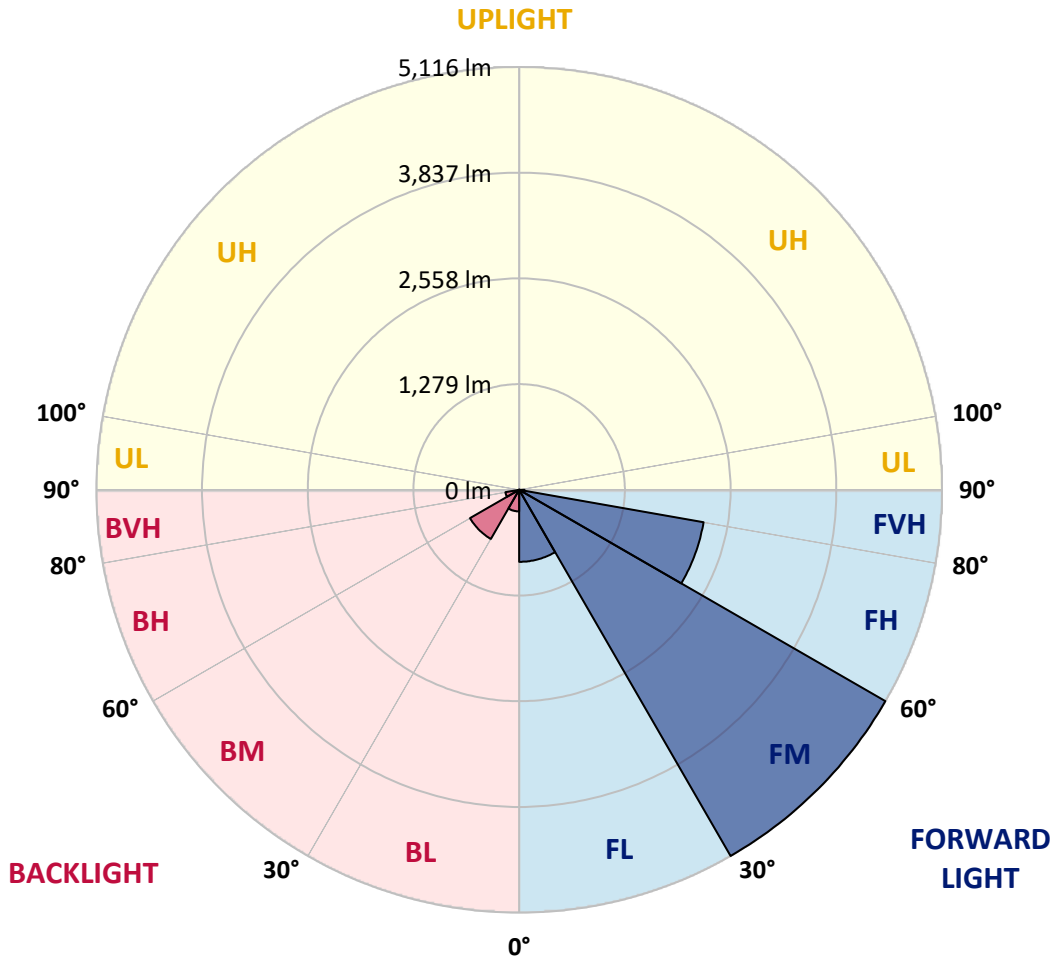
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	871.4	9.2			
FM	(30°-60°)	5116.4	54.2			
FH	(60°-80°)	2265.8	24.0			G2/5000
FVH	(80°-90°)	63.8	0.7			G1/100
BL	(0°-30°)	261.3	2.8	B1/500		
BM	(30°-60°)	686.0	7.3	B1/1000		
BH	(60°-80°)	169.4	1.8	B1/500		G1/500
BVH	(80°-90°)	3.3	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: P1458035
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	*1525.9*	1525.9	1525.9	1525.9
2.5°	1709.9	1704.3	1698.6	1690.1	1678.8	1667.5	1653.3	*1633.5*	1625.0	1596.7	1562.7
5°	1797.7	1797.7	1794.9	1789.2	1783.5	1772.2	1755.2	*1729.7*	1718.4	1678.8	1619.3
7.5°	1820.3	1823.2	1831.7	1843.0	1860.0	1857.1	1857.1	*1828.8*	1823.2	1780.7	1701.4
10°	1780.7	1783.5	1806.2	1837.3	1888.3	1936.4	1970.4	*1953.4*	1944.9	1902.4	1803.4
12.5°	1724.1	1724.1	1760.9	1809.0	1888.3	1978.9	2078.0	*2094.9*	2097.8	2049.7	1930.8
15°	1576.9	1582.5	1642.0	1738.2	1868.5	2010.0	2177.0	*2242.2*	2259.1	2228.0	2086.5
17.5°	1381.5	1387.2	1446.6	1576.9	1772.2	2010.0	2262.0	*2412.0*	2434.7	2440.3	2284.6
20°	1299.4	1299.4	1333.4	1432.5	1636.3	1956.2	2312.9	*2593.2*	2644.2	2706.4	2502.6
22.5°	1310.8	1310.8	1330.6	1387.2	1551.4	1882.6	2344.1	*2754.6*	2859.3	3017.9	2782.9
25°	1373.0	1373.0	1390.0	1426.8	1559.9	1871.3	2403.5	*2899.0*	3066.0	3366.1	3102.8
27.5°	1472.1	1469.3	1483.5	1520.3	1642.0	1925.1	2502.6	*3043.3*	3230.2	3756.8	3470.8
30°	1616.5	1608.0	1613.7	1656.1	1775.0	2049.7	2647.0	*3227.4*	3417.0	4184.2	3878.5
32.5°	1950.6	1947.7	1865.6	1843.0	1970.4	2250.7	2845.2	*3456.7*	3669.0	4637.2	4297.5
35°	2553.6	2593.2	2477.1	2179.9	2205.4	2519.6	3128.3	*3768.1*	3963.4	5118.5	4753.3
37.5°	3165.1	3165.1	3116.9	2765.9	2587.5	2816.9	3434.0	*4088.0*	4291.8	5506.3	5192.1
40°	3649.2	3674.7	3618.0	3354.7	3122.6	3156.6	3739.8	*4368.3*	4555.1	5744.1	5503.5
42.5°	4008.7	4003.1	3980.4	3807.7	3677.5	3601.0	4017.2	*4577.7*	4756.1	5865.9	5698.8
45°	4396.6	4396.6	4365.4	4223.9	4116.3	4051.2	4223.9	*4753.3*	4940.1	5939.5	5820.6
47.5°	4801.4	4795.7	4764.6	4608.9	4492.8	4396.6	4433.4	*4866.5*	5053.4	5891.3	5840.4
50°	4900.5	4894.8	4965.6	4971.3	4866.5	4682.5	4600.4	*4962.8*	5127.0	5894.2	5902.7
52.5°	4784.4	4818.4	4923.1	5050.5	5169.4	4976.9	4778.7	*5115.6*	5285.5	5973.4	6058.4
55°	4495.6	4509.8	4710.8	4914.6	5192.1	5260.0	5064.7	*5359.1*	5509.2	6049.9	6197.1
57.5°	3957.8	4011.5	4226.7	4580.6	5002.4	5285.5	5562.9	*5766.8*	5880.0	6081.0	6120.6
60°	2986.7	3015.0	3482.1	3940.8	4608.9	5081.7	6027.2	*6457.5*	6443.4	5730.0	5585.6
62.5°	1817.5	1843.0	2177.0	2904.6	3745.4	4657.0	6182.9	*7230.4*	7154.0	5138.3	4702.3
64°	*1480.6*	*1528.7*	*1735.4*	*2358.2*	*3080.1*	*4212.5*	*6137.6*	*7295.5*	*7236.1*	*4756.1*	*4189.9*
65°	1265.5	1330.6	1542.9	2046.8	2618.7	3734.1	6013.1	*7114.3*	7074.7	4524.0	3765.2
67.5°	795.5	826.7	1140.9	1591.0	1803.4	2389.4	5169.4	*6151.8*	6222.6	4031.4	2777.2
70°	591.7	605.8	784.2	1231.5	1407.0	1390.0	3550.1	*4982.6*	4999.6	3224.5	1676.0
72.5°	430.3	433.1	549.2	911.6	1101.3	948.4	1871.3	*3703.0*	3581.2	1888.3	914.4
75°	285.9	297.3	385.0	642.6	857.8	696.4	852.1	*2109.1*	2072.3	922.9	523.7
77.5°	209.5	212.3	260.5	430.3	673.8	512.4	515.2	*908.8*	937.1	549.2	331.2
80°	118.9	124.6	169.9	263.3	438.8	351.0	288.8	*438.8*	503.9	373.7	220.8
82.5°	70.8	76.4	121.7	172.7	300.1	144.4	147.2	*240.6*	300.1	268.9	118.9
85°	42.5	45.3	76.4	93.4	178.4	96.3	53.8	*118.9*	155.7	158.5	65.1
87.5°	28.3	28.3	42.5	39.6	51.0	45.3	22.6	*31.1*	39.6	53.8	25.5
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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REPORT NUMBER: P1458035
CATALOG NUMBER: GLAN-SB4A-940-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9	1525.9
2.5°	1534.4	1517.4	1466.5	1398.5	1336.2	1288.1	1228.7	1189.0	1152.2	1152.2	1121.1
5°	1571.2	1525.9	1401.4	1245.6	1078.6	920.1	818.2	704.9	668.1	637.0	642.6
7.5°	1633.5	1551.4	1330.6	1050.3	784.2	614.3	501.1	450.1	427.5	413.3	416.2
10°	1709.9	1596.7	1245.6	852.1	577.5	450.1	396.3	376.5	368.0	365.2	365.2
12.5°	1814.7	1650.5	1160.7	685.1	455.8	387.8	359.5	348.2	339.7	334.1	334.1
15°	1939.2	1718.4	1061.6	563.4	399.2	356.7	334.1	322.7	311.4	308.6	308.6
17.5°	2097.8	1789.2	973.9	484.1	370.9	334.1	311.4	297.3	288.8	285.9	285.9
20°	2273.3	1877.0	886.1	438.8	351.0	311.4	288.8	277.4	268.9	263.3	266.1
22.5°	2497.0	1987.4	829.5	416.2	334.1	291.6	268.9	257.6	249.1	243.5	246.3
25°	2743.3	2126.1	798.3	416.2	322.7	277.4	252.0	240.6	232.1	226.5	226.5
27.5°	3043.3	2281.8	801.2	433.1	319.9	266.1	237.8	226.5	218.0	209.5	209.5
30°	3374.6	2465.8	832.3	464.3	325.6	254.8	226.5	209.5	203.8	195.3	195.3
32.5°	3725.6	2678.1	911.6	503.9	319.9	240.6	209.5	195.3	186.8	181.2	181.2
35°	4096.5	2918.8	1010.7	520.9	291.6	220.8	195.3	181.2	175.5	172.7	169.9
37.5°	4450.4	3128.3	1064.5	486.9	254.8	203.8	178.4	164.2	161.4	155.7	155.7
40°	4725.0	3301.0	1033.3	416.2	235.0	186.8	164.2	150.0	144.4	138.7	138.7
42.5°	4886.3	3363.2	920.1	353.9	220.8	169.9	150.0	135.9	130.2	127.4	127.4
45°	4979.8	3354.7	787.0	317.1	206.7	155.7	135.9	127.4	118.9	116.1	113.2
47.5°	4976.9	3267.0	690.8	285.9	192.5	144.4	127.4	118.9	110.4	107.6	107.6
50°	4957.1	3136.8	583.2	263.3	181.2	135.9	118.9	113.2	104.7	101.9	99.1
52.5°	5005.2	3063.2	486.9	249.1	167.0	130.2	116.1	107.6	96.3	93.4	93.4
55°	5064.7	3020.7	390.7	235.0	155.7	127.4	110.4	101.9	90.6	87.8	87.8
57.5°	4892.0	2859.3	322.7	212.3	141.6	121.7	104.7	99.1	87.8	79.3	79.3
60°	4348.4	2363.9	266.1	186.8	130.2	113.2	99.1	90.6	79.3	67.9	67.9
62.5°	3535.9	1803.4	220.8	158.5	121.7	104.7	90.6	82.1	67.9	53.8	53.8
64°	*3071.6*	*1531.6*	*198.2*	*138.7*	*116.1*	*96.3*	*82.1*	*73.6*	*59.5*	*45.3*	*42.5*
65°	2754.6	1353.2	184.0	130.2	113.2	90.6	79.3	70.8	53.8	42.5	39.6
67.5°	1939.2	908.8	147.2	107.6	99.1	76.4	67.9	59.5	48.1	36.8	34.0
70°	1129.6	515.2	116.1	90.6	76.4	59.5	56.6	53.8	42.5	28.3	28.3
72.5°	614.3	257.6	87.8	73.6	59.5	42.5	48.1	42.5	34.0	22.6	19.8
75°	376.5	158.5	65.1	53.8	39.6	31.1	36.8	31.1	19.8	14.2	11.3
77.5°	252.0	101.9	48.1	36.8	25.5	19.8	25.5	17.0	8.5	2.8	2.8
80°	155.7	70.8	31.1	22.6	14.2	8.5	5.7	2.8	2.8	0.0	0.0
82.5°	67.9	45.3	17.0	11.3	5.7	2.8	2.8	0.0	0.0	0.0	0.0
85°	36.8	14.2	5.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	5.7	2.8	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

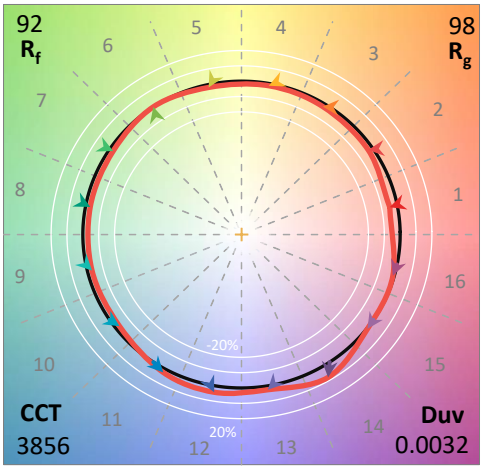
Test Information

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

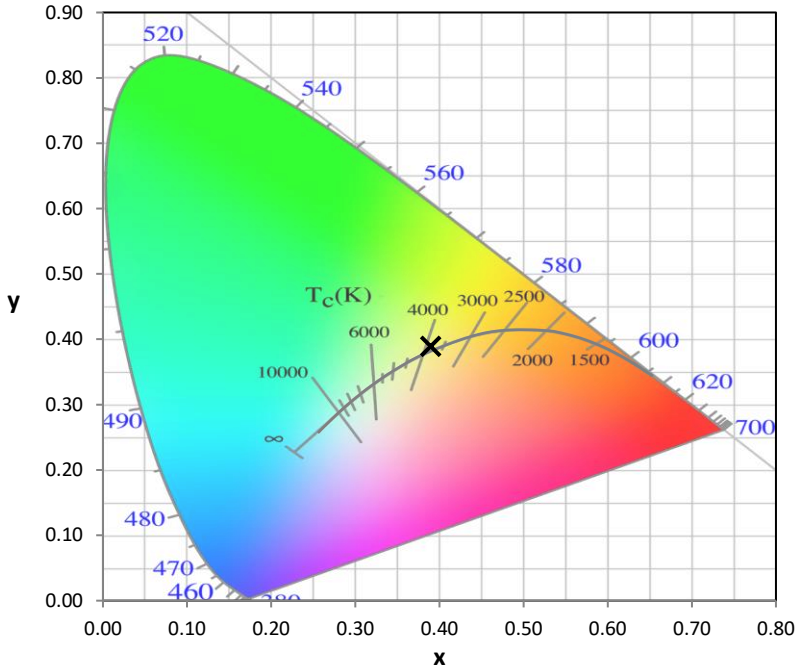
Stabilization Time:	23M
Operation Time:	1H 23M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-16

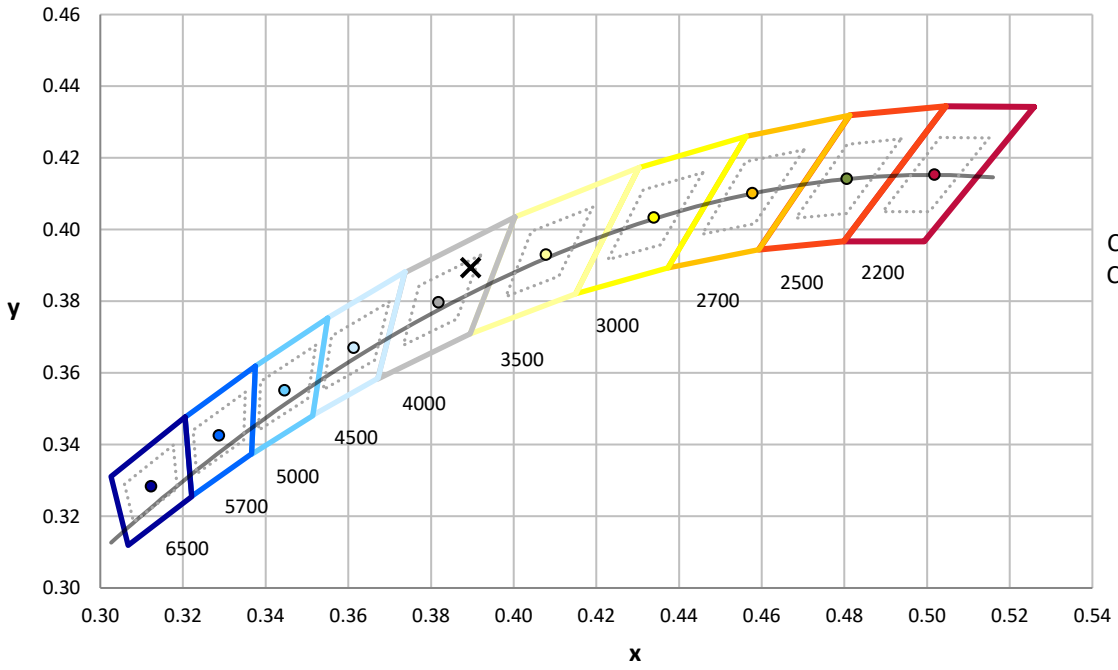
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

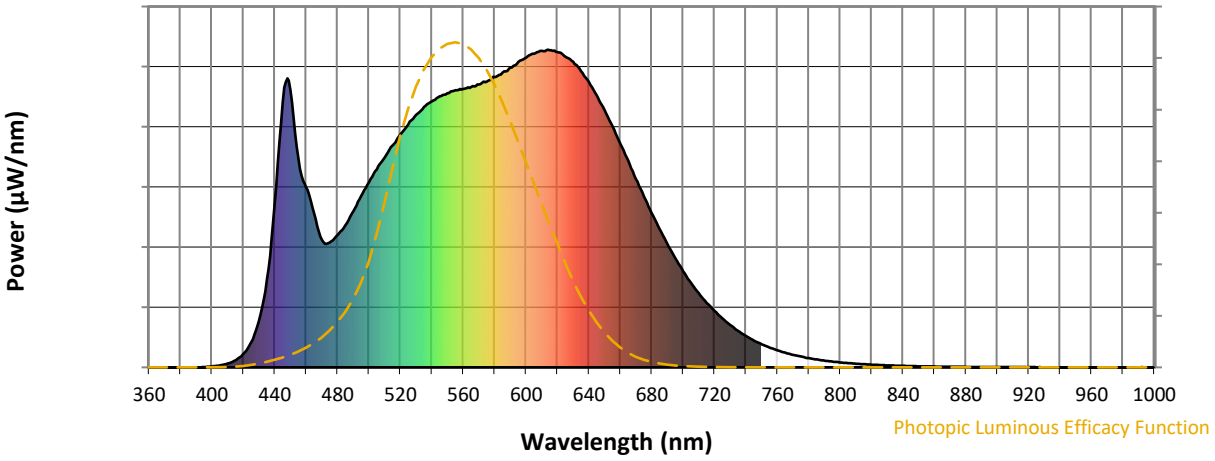


CCT = 3856K
CIE x = 0.3896
CIE y = 0.3894
Duv = 0.0032

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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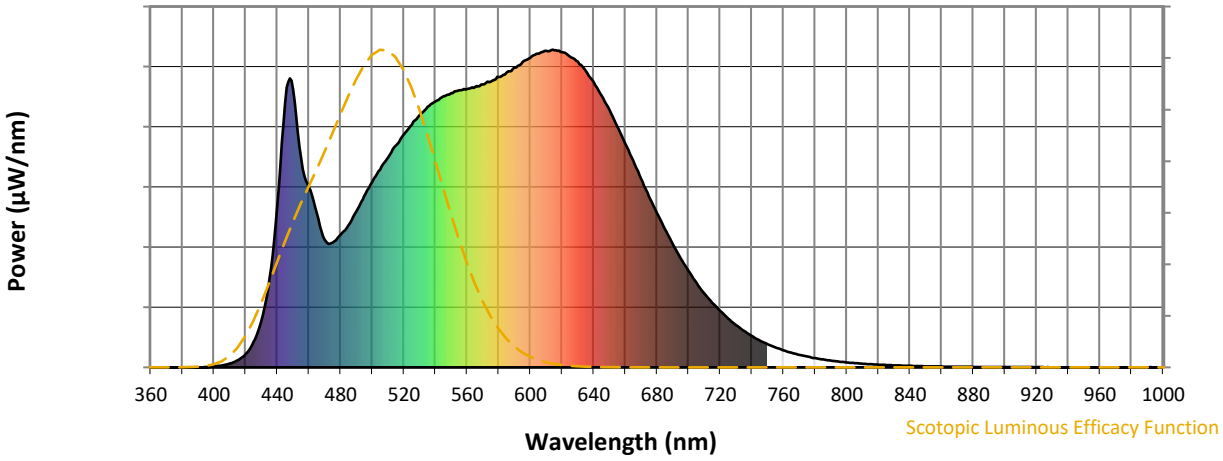
Scotopic Flux vs. Wavelength



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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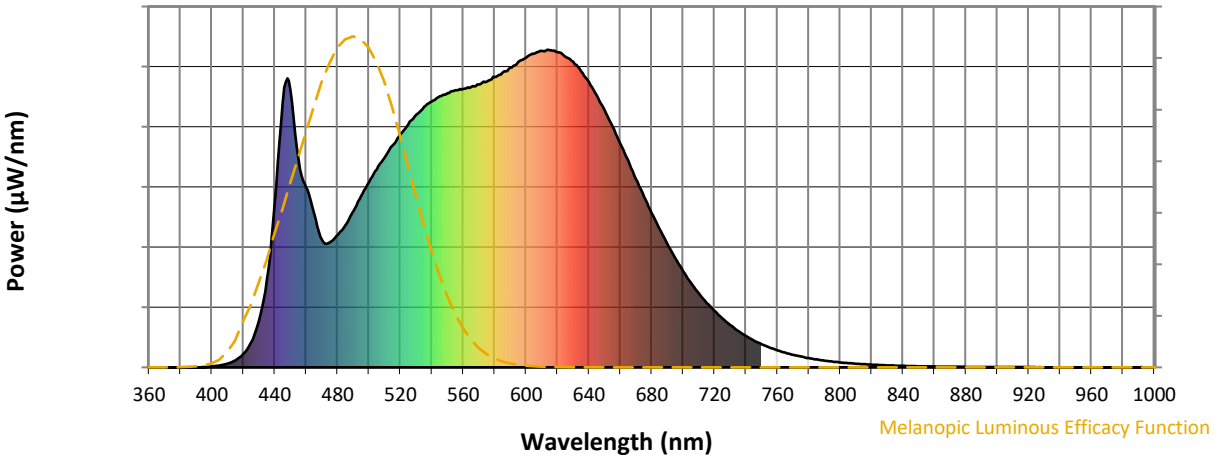
Melanopic Flux vs. Wavelength



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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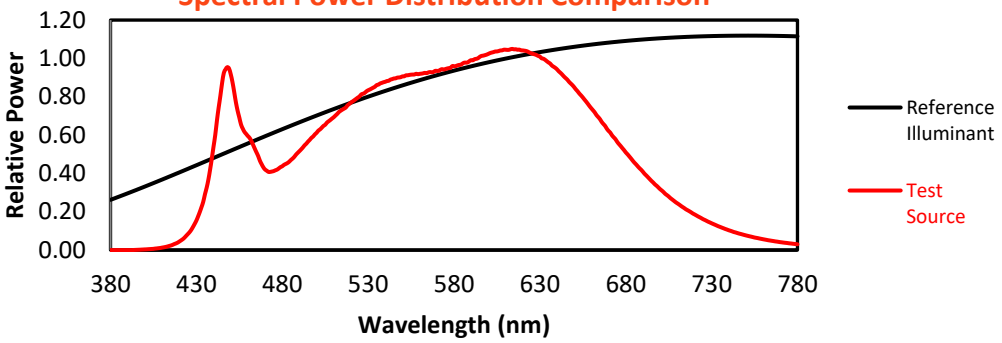
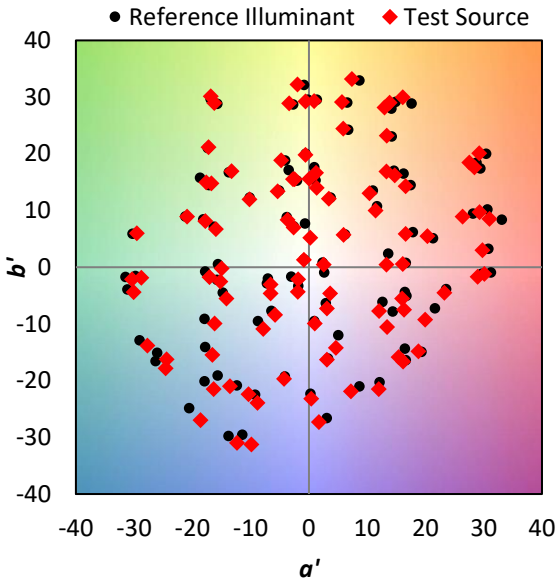
Summary

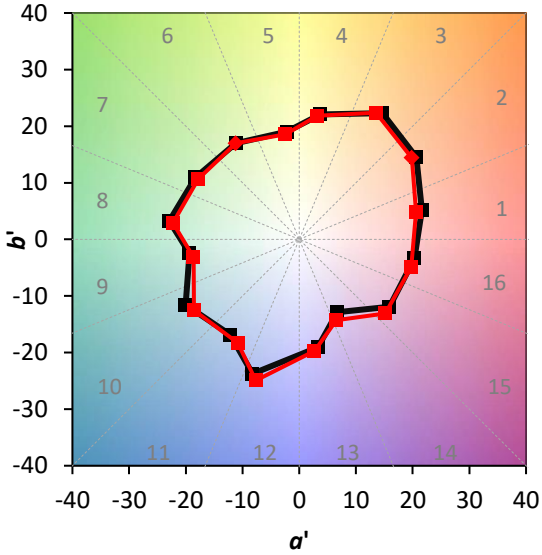
R_f = 91.8
R_g = 98.4
CIE R_a = 92.1
R_9 = 60.7

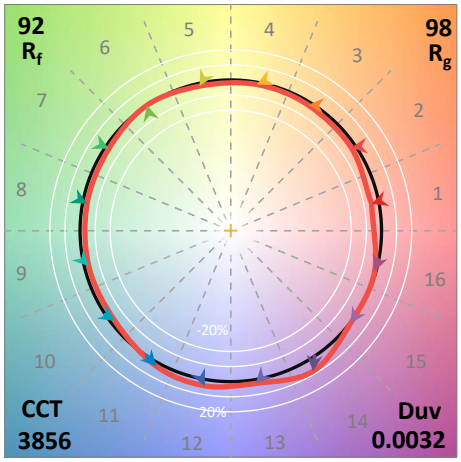
Spectral Power Distribution Comparison

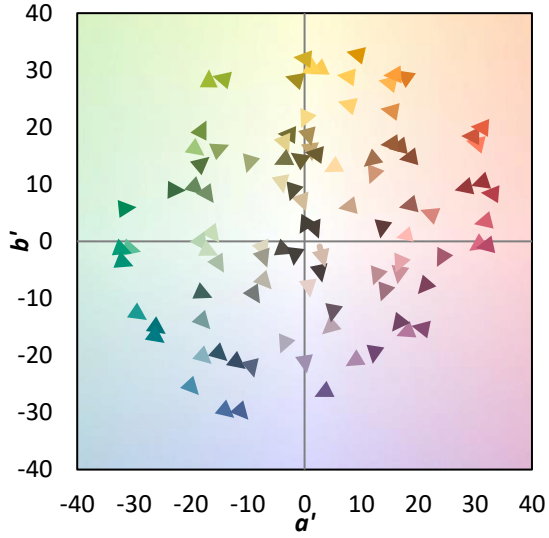


Color Vector Graphics









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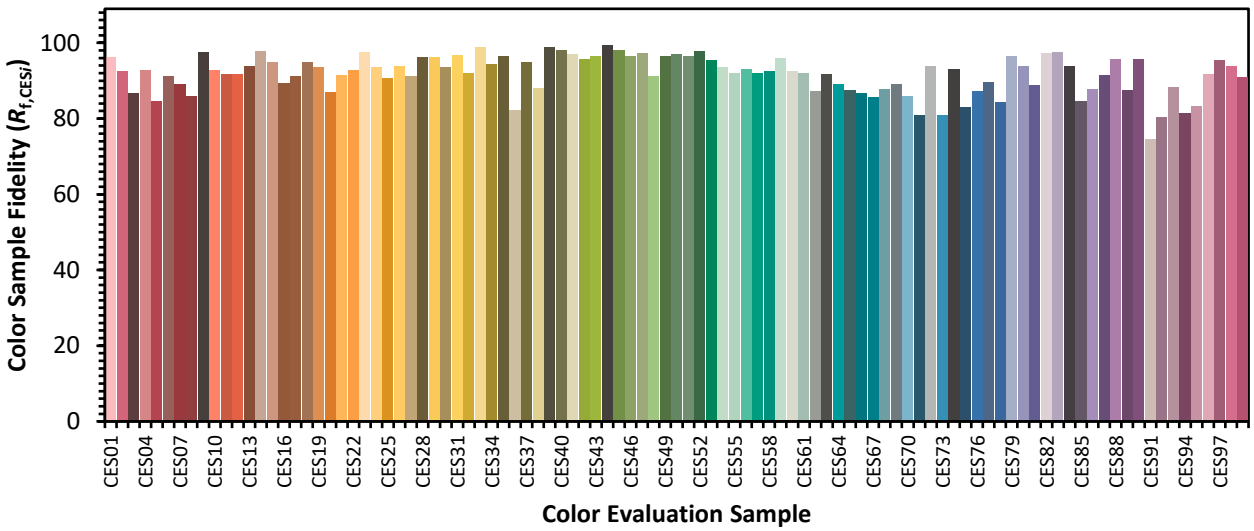
Individual Sample Fidelity Index ($R_{f,i}$)

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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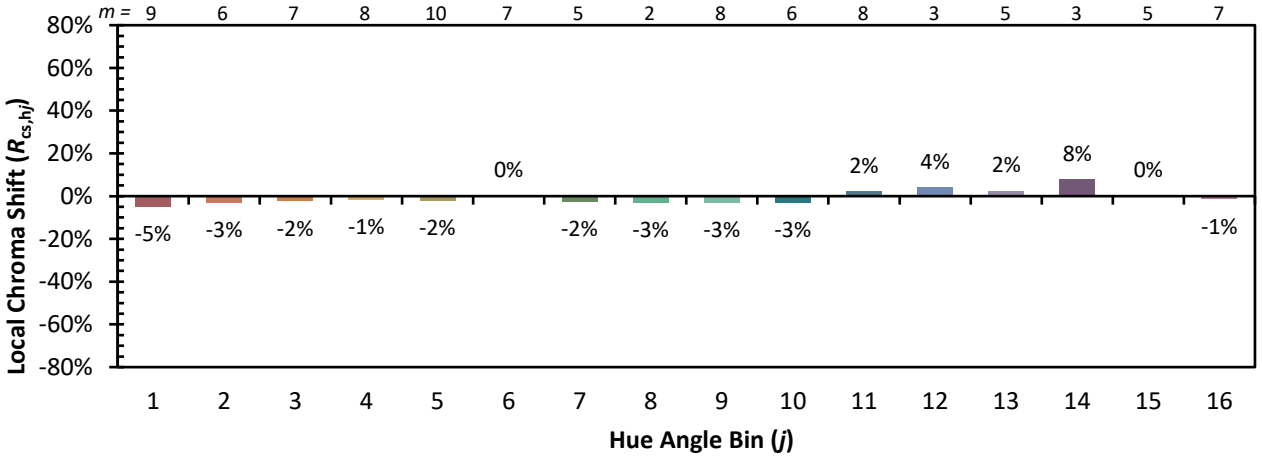
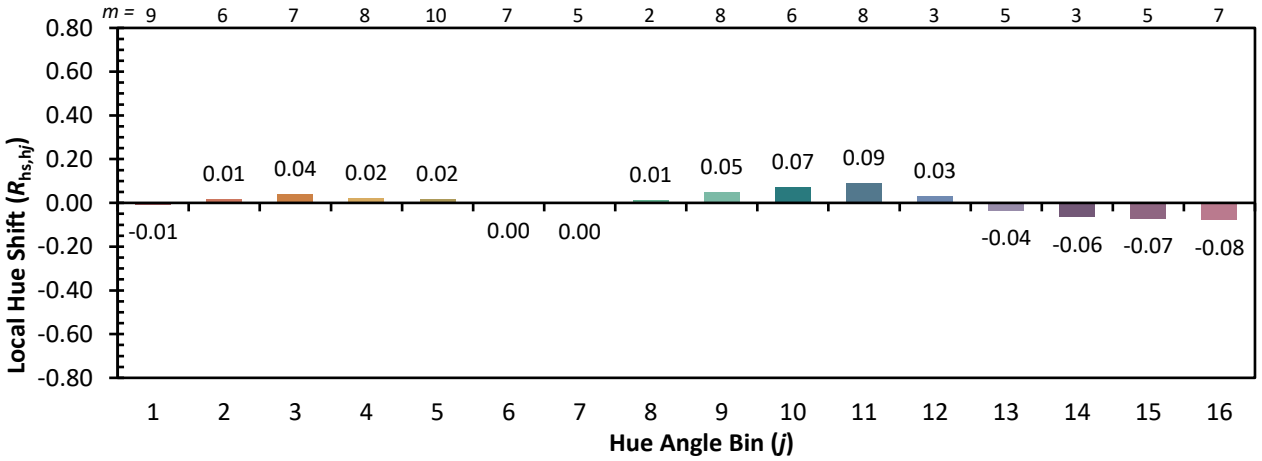
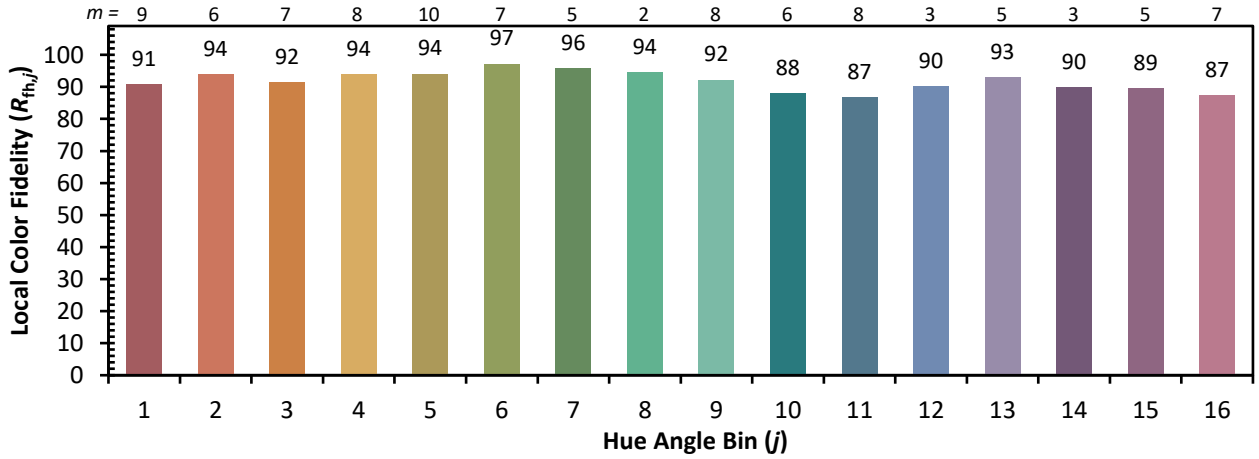
Color Rendition by Hue-Angle Bin







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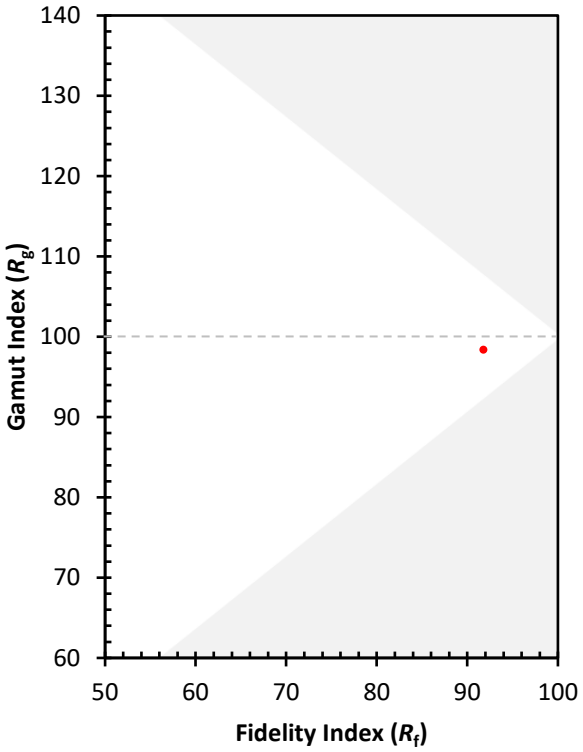
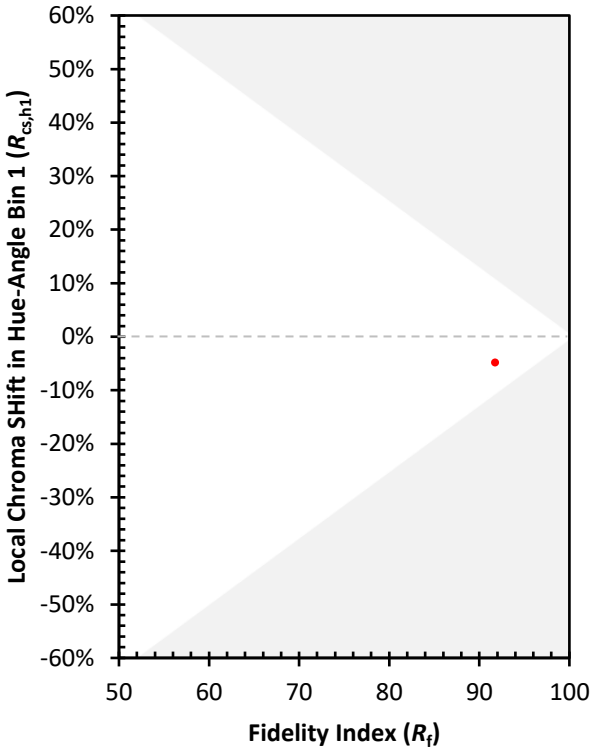
Measure Comparisons





(END OF REPORT)