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: P1456236

Luminaire Tested: GLAN-SB4B-930-U-T2LG

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:	P1456236
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-930-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 4xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(104) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15198.7 lumens
Efficiency:	N/A
Efficacy:	103.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	147
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: P1456236
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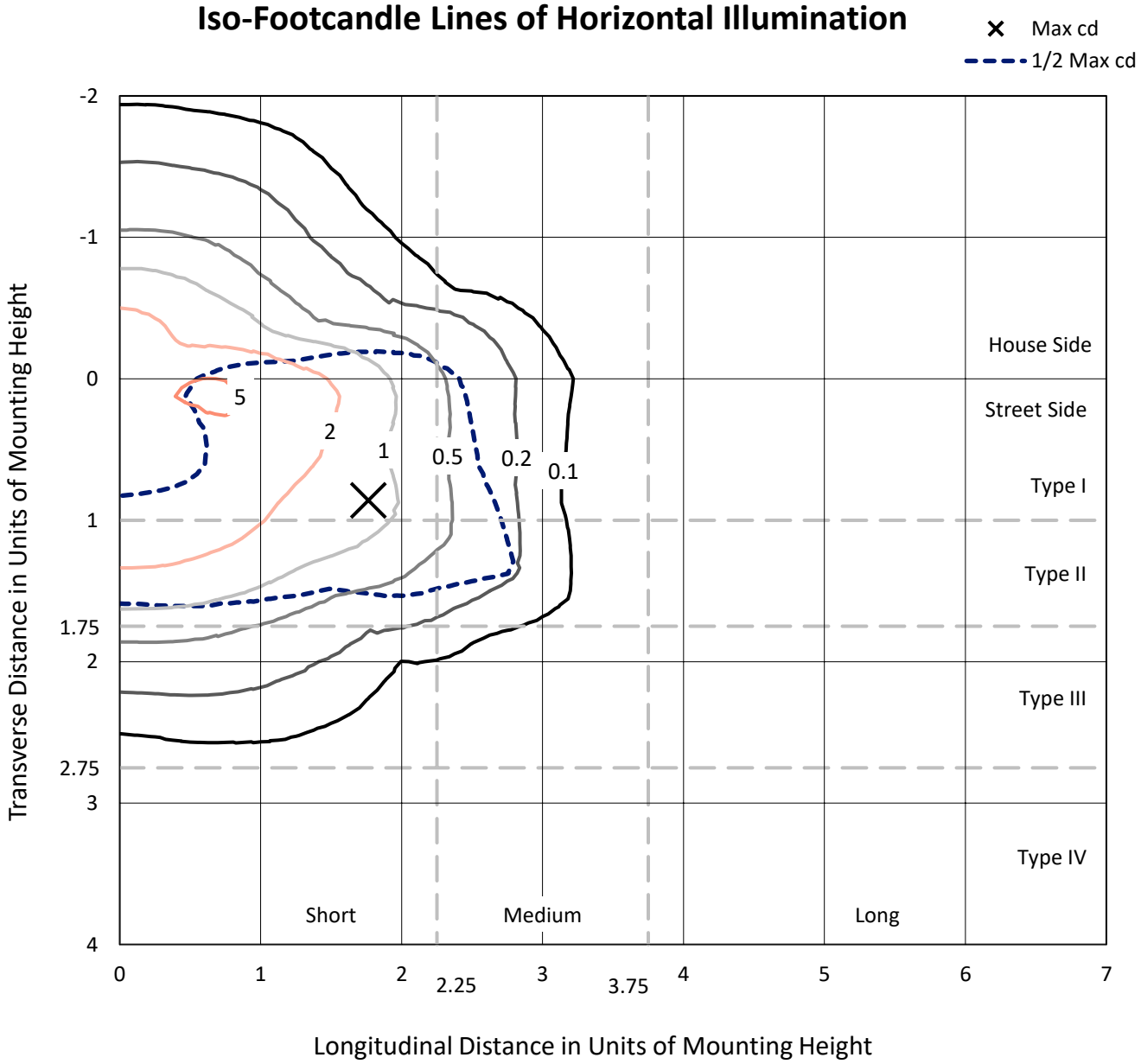
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 5.7 fc
Type II - Short - N/A

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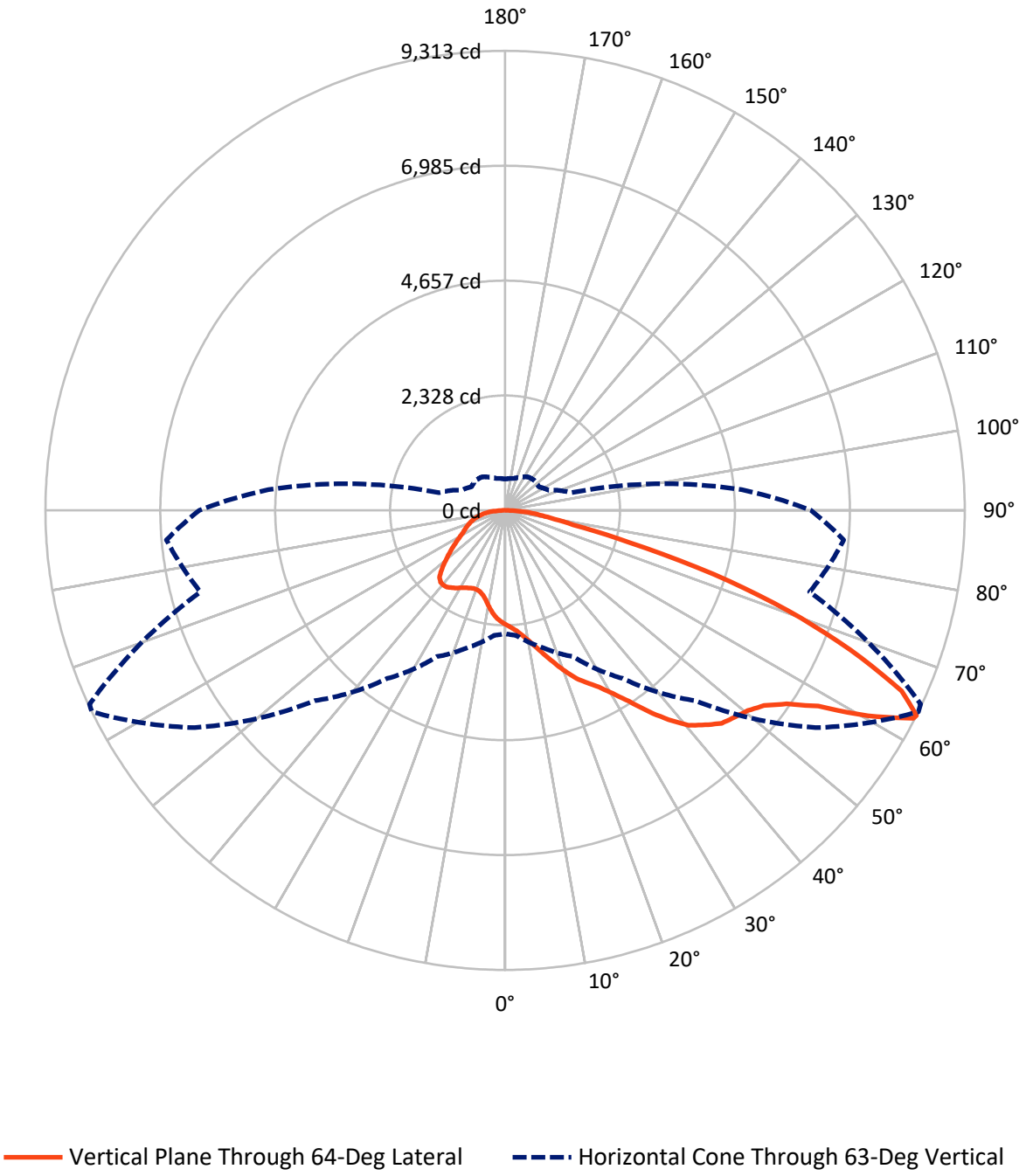
Luminous Intensity Polar Plot



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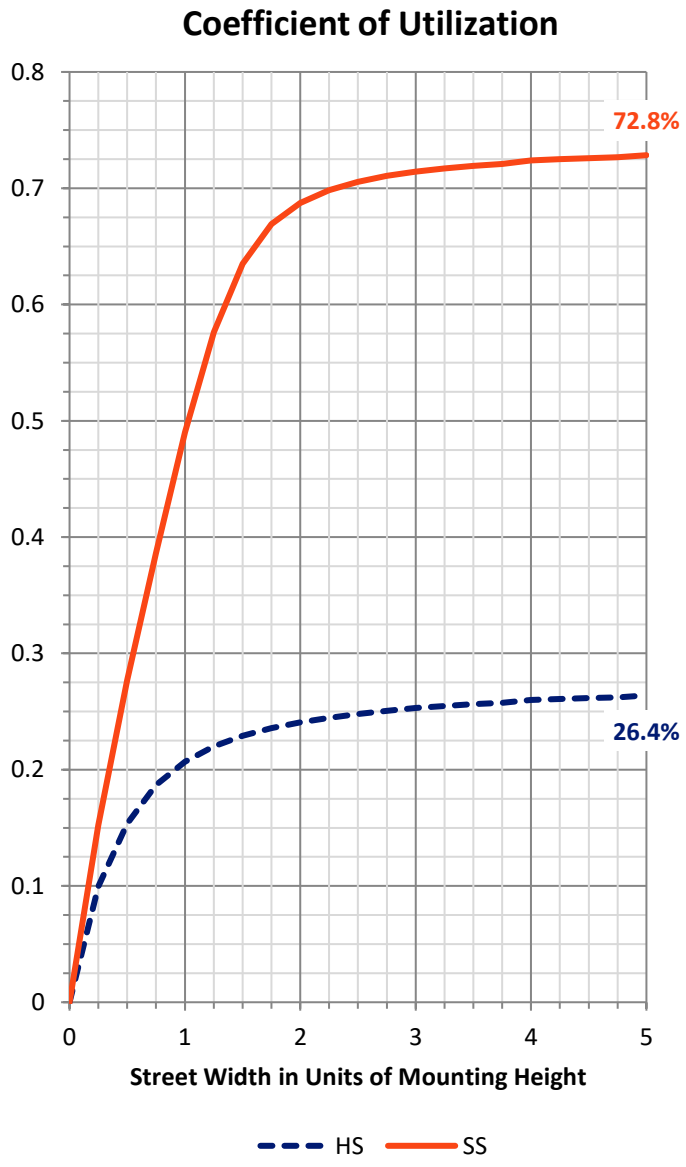
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4083.5	0.0	4083.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	11115.3	0.0	11115.3
	% Fixture	73.1	0.0	73.1
Total	Lumens	15198.7	0.0	15198.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.5	1.4
10°-20°	654.2	4.3
20°-30°	1196.4	7.9
30°-40°	2057.9	13.5
40°-50°	3034.9	20.0
50°-60°	3637.5	23.9
60°-70°	2919.4	19.2
70°-80°	1173.1	7.7
80°-90°	312.8	2.1
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°	15198.7	100.0
0°-180°	15198.7	100.0



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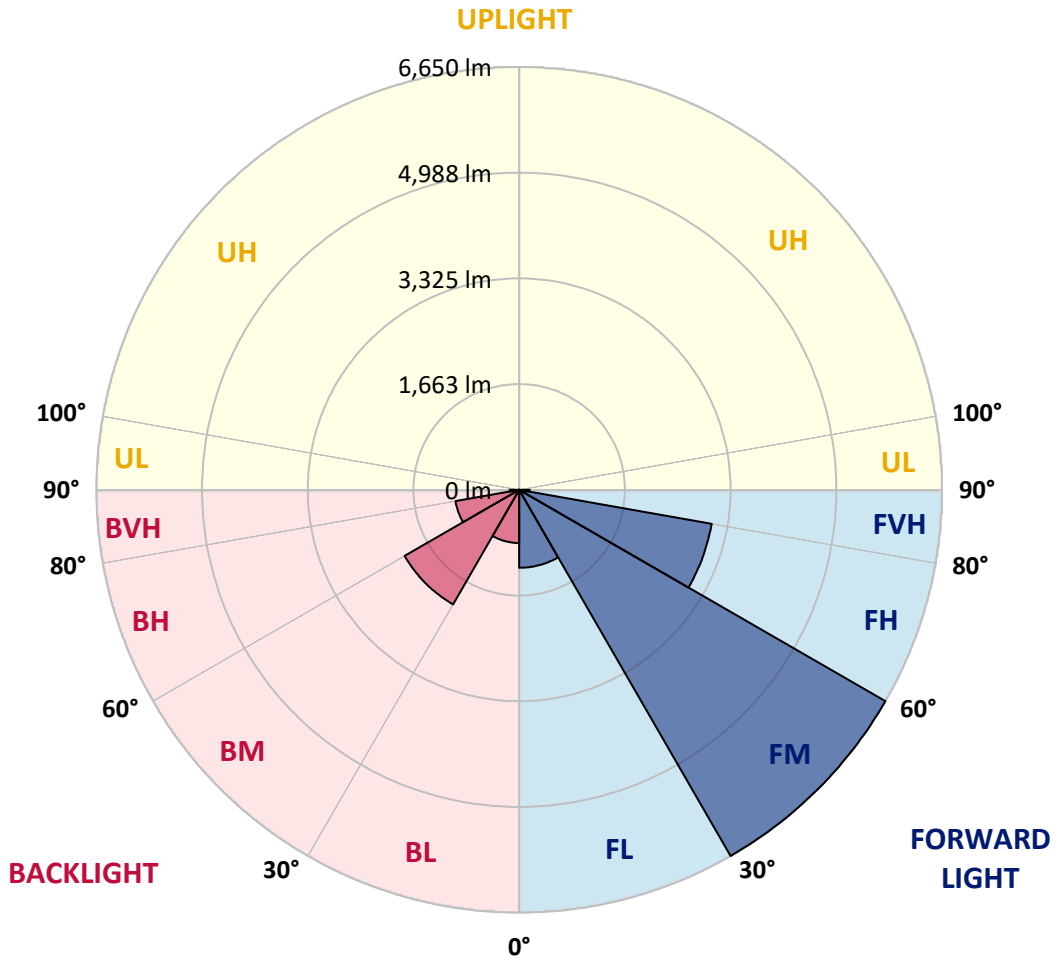
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1226.2	8.1			
FM	(30°-60°)	6650.3	43.8			
FH	(60°-80°)	3074.4	20.2			G2/5000
FVH	(80°-90°)	164.3	1.1			G2/225
BL	(0°-30°)	836.8	5.5	B2/1000		
BM	(30°-60°)	2080.0	13.7	B2/2500		
BH	(60°-80°)	1018.1	6.7	B3/2500		G3/2500
BVH	(80°-90°)	148.5	1.0			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	*2314.6*	2314.6	2314.6	2314.6
2.5°	2410.2	2413.6	2403.4	2399.9	2406.8	2393.1	2389.7	*2376.0*	2369.2	2355.6	2338.5
5°	2478.5	2481.9	2475.0	2475.0	2481.9	2471.6	2468.2	*2454.6*	2447.7	2434.1	2399.9
7.5°	2475.0	2478.5	2485.3	2512.6	2546.7	2560.4	2570.6	*2560.4*	2557.0	2536.5	2502.4
10°	2420.4	2423.8	2440.9	2481.9	2567.2	2628.7	2693.5	*2693.5*	2700.4	2683.3	2621.8
12.5°	2345.3	2348.7	2389.7	2454.6	2567.2	2673.1	2806.2	*2860.8*	2857.4	2847.2	2775.5
15°	2164.4	2164.4	2225.8	2348.7	2529.7	2703.8	2901.8	*3048.6*	3052.0	3062.2	2976.9
17.5°	2010.8	2014.2	2065.4	2174.6	2410.2	2686.7	3004.2	*3256.8*	3267.1	3325.1	3202.2
20°	2024.4	2024.4	2041.5	2089.3	2280.5	2618.4	3062.2	*3478.7*	3512.9	3649.4	3495.8
22.5°	2130.2	2130.2	2143.9	2140.5	2256.6	2574.0	3099.8	*3700.6*	3762.1	4045.4	3847.4
25°	2324.8	2321.4	2307.8	2287.3	2355.6	2621.8	3185.1	*3871.3*	3990.8	4482.4	4253.7
27.5°	2563.8	2557.0	2536.5	2502.4	2550.2	2765.2	3331.9	*4052.2*	4182.0	4960.3	4683.8
30°	2860.8	2840.3	2819.8	2775.5	2826.7	3000.8	3550.4	*4308.3*	4431.2	5503.1	5202.7
32.5°	3212.4	3236.3	3168.1	3106.6	3161.2	3321.7	3874.7	*4612.1*	4745.3	6069.8	5742.1
35°	3738.2	3809.9	3789.4	3478.7	3529.9	3707.4	4253.7	*5004.7*	5124.2	6585.3	6295.2
37.5°	4257.1	4240.0	4257.1	3997.6	3915.7	4130.8	4659.9	*5380.2*	5496.3	7005.2	6783.3
40°	4673.6	4724.8	4724.8	4513.1	4407.3	4550.7	5028.6	*5725.0*	5837.7	7237.4	7135.0
42.5°	5127.6	5134.4	5120.8	4936.4	4895.5	4933.0	5352.9	*5943.5*	6035.7	7356.9	7373.9
45°	5639.7	5636.3	5578.2	5424.6	5363.2	5329.0	5554.3	*6155.2*	6247.4	7411.5	7503.7
47.5°	6063.0	6080.1	6083.5	5919.6	5817.2	5670.4	5728.5	*6261.0*	6366.8	7350.0	7531.0
50°	6086.9	6114.2	6243.9	6291.7	6271.3	6035.7	5888.9	*6373.7*	6479.5	7363.7	7630.0
52.5°	5936.7	5964.0	6131.3	6329.3	6568.3	6455.6	6141.5	*6568.3*	6677.5	7496.8	7855.3
55°	5533.9	5578.2	5827.5	6104.0	6530.7	6691.2	6588.7	*6919.9*	7022.3	7602.7	8118.2
57.5°	4817.0	4871.6	5216.4	5656.8	6240.5	6636.5	7237.4	*7483.2*	7568.5	7677.8	8121.6
60°	3601.6	3646.0	4185.4	4779.4	5656.8	6295.2	7623.1	*8449.3*	8497.1	7271.5	7660.7
62.5°	2652.6	2696.9	3058.8	3485.5	4444.8	5667.0	7698.2	*9285.7*	9292.5	6537.5	7025.7
63°	*2498.9*	*2543.3*	*2871.1*	*3270.5*	*4158.1*	*5455.3*	*7674.4*	*9313.0*	*9289.1*	*6387.3*	*6885.8*
65°	1945.9	2024.4	2365.8	2669.6	3116.9	4342.4	7367.1	*8828.2*	8862.4	5943.5	6182.5
67.5°	1324.6	1382.6	1816.2	2167.8	2355.6	2765.2	6042.5	*7554.9*	7609.5	5482.7	4933.0
70°	1024.2	1051.5	1304.1	1717.2	1904.9	1758.1	3939.6	*6083.5*	6083.5	4281.0	3495.8
72.5°	802.3	812.5	983.2	1341.6	1532.8	1351.9	2195.1	*4424.4*	4260.5	2539.9	2331.7
75°	573.5	587.2	740.8	1000.3	1222.2	1065.1	1403.1	*2577.5*	2478.5	1461.1	1556.7
77.5°	454.0	460.9	553.0	737.4	990.0	812.5	1068.5	*1406.5*	1392.9	1027.6	1000.3
80°	358.5	372.1	433.6	529.1	764.7	635.0	795.4	*928.6*	901.3	706.7	641.8
82.5°	256.0	279.9	334.6	402.8	566.7	454.0	522.3	*655.5*	655.5	532.6	423.3
85°	157.0	177.5	198.0	249.2	402.8	293.6	276.5	*423.3*	433.6	399.4	273.1
87.5°	75.1	81.9	95.6	105.8	146.8	133.1	109.2	*160.5*	163.9	177.5	112.7
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: P1456236
CATALOG NUMBER: GLAN-SB4B-930-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6	2314.6
2.5°	2335.1	2328.3	2294.1	2260.0	2222.4	2188.3	2154.1	2126.8	2096.1	2102.9	2106.4
5°	2379.5	2362.4	2287.3	2198.5	2082.5	1973.2	1867.4	1792.3	1744.5	1730.8	1703.5
7.5°	2475.0	2434.1	2297.5	2109.8	1894.7	1724.0	1625.0	1580.6	1567.0	1570.4	1563.5
10°	2584.3	2522.8	2311.2	2003.9	1730.8	1614.8	1601.1	1628.4	1642.1	1655.7	1659.1
12.5°	2727.7	2628.7	2304.4	1887.9	1652.3	1631.8	1683.0	1734.2	1765.0	1785.4	1782.0
15°	2895.0	2761.8	2283.9	1792.3	1642.1	1696.7	1761.6	1819.6	1857.1	1877.6	1867.4
17.5°	3096.4	2918.8	2260.0	1730.8	1672.8	1737.7	1805.9	1864.0	1904.9	1918.6	1908.3
20°	3345.6	3096.4	2219.0	1703.5	1696.7	1754.7	1816.2	1870.8	1904.9	1918.6	1904.9
22.5°	3639.2	3308.0	2184.9	1703.5	1706.9	1754.7	1799.1	1840.1	1870.8	1881.0	1864.0
25°	4014.7	3553.8	2171.2	1730.8	1710.3	1737.7	1761.6	1785.4	1802.5	1809.3	1802.5
27.5°	4397.0	3837.2	2178.0	1765.0	1706.9	1713.8	1713.8	1717.2	1720.6	1724.0	1720.6
30°	4837.4	4123.9	2205.4	1809.3	1713.8	1679.6	1669.4	1648.9	1631.8	1618.2	1604.5
32.5°	5264.2	4397.0	2253.1	1874.2	1706.9	1642.1	1621.6	1570.4	1522.6	1481.6	1481.6
35°	5725.0	4680.4	2338.5	1922.0	1700.1	1607.9	1549.9	1491.9	1440.6	1382.6	1382.6
37.5°	6121.0	4922.8	2406.8	1976.6	1693.3	1567.0	1474.8	1409.9	1355.3	1297.3	1290.4
40°	6397.6	5062.8	2447.7	1997.1	1669.4	1512.3	1403.1	1321.2	1242.6	1164.1	1160.7
42.5°	6530.7	5055.9	2423.8	1990.3	1625.0	1444.1	1341.6	1232.4	1126.6	1054.9	1048.1
45°	6602.4	5011.5	2331.7	1932.2	1553.3	1372.4	1263.1	1147.1	1041.2	976.4	962.7
47.5°	6588.7	4902.3	2205.4	1788.9	1457.7	1293.9	1184.6	1065.1	979.8	942.2	942.2
50°	6626.3	4817.0	2062.0	1625.0	1328.0	1201.7	1112.9	1003.7	952.5	904.7	887.6
52.5°	6793.6	4888.6	1939.1	1471.4	1205.1	1112.9	1051.5	959.3	894.4	863.7	853.5
55°	7015.5	5042.3	1823.0	1334.8	1085.6	1034.4	1003.7	918.3	843.2	812.5	795.4
57.5°	7056.4	5148.1	1710.3	1201.7	986.6	972.9	962.7	846.6	785.2	761.3	747.6
60°	6773.1	5069.6	1563.5	1082.2	908.1	914.9	887.6	802.3	730.6	706.7	693.0
62.5°	6291.7	4864.7	1416.8	979.8	846.6	860.3	833.0	747.6	675.9	652.0	645.2
63°	*6196.2*	*4810.1*	*1382.6*	*969.5*	*833.0*	*850.1*	*826.2*	*740.8*	*669.1*	*645.2*	*635.0*
65°	5626.0	4482.4	1263.1	914.9	788.6	788.6	792.0	706.7	645.2	635.0	628.1
67.5°	4588.2	3741.6	1133.4	850.1	740.8	751.0	768.1	720.3	696.4	689.6	682.8
70°	3468.5	2816.4	1020.7	788.6	689.6	723.7	839.8	819.3	730.6	669.1	655.5
72.5°	2458.0	1918.6	921.7	727.2	628.1	713.5	870.5	781.8	658.9	587.2	573.5
75°	1645.5	1235.8	822.7	662.3	559.9	658.9	822.7	713.5	573.5	556.5	536.0
77.5°	1034.4	880.8	723.7	587.2	484.8	587.2	747.6	635.0	495.0	501.8	471.1
80°	631.6	628.1	607.7	498.4	389.2	467.7	628.1	536.0	396.0	396.0	351.6
82.5°	375.5	454.0	515.5	413.1	283.4	334.6	454.0	402.8	331.1	320.9	300.4
85°	252.6	307.2	409.7	317.5	180.9	204.8	314.1	338.0	303.8	266.3	249.2
87.5°	92.2	122.9	187.8	129.7	78.5	122.9	235.6	245.8	184.3	143.4	129.7
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

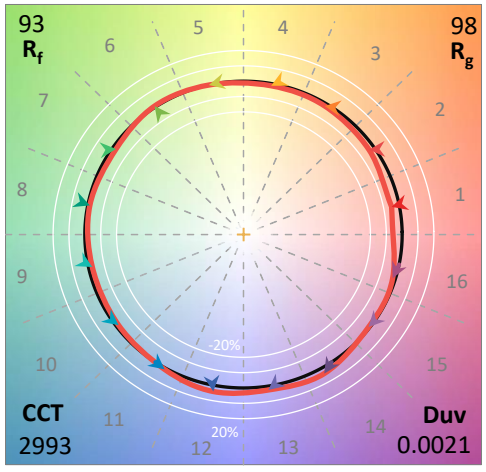
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

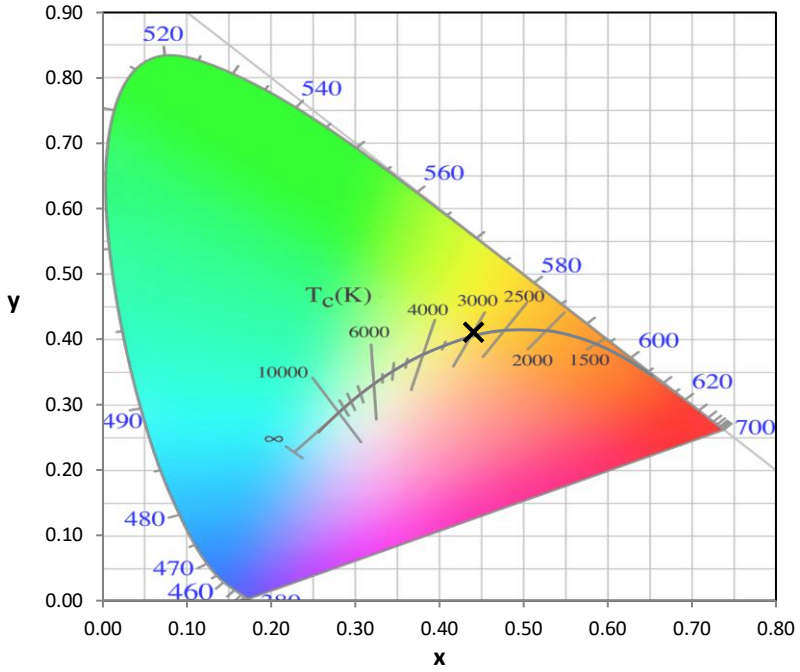
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

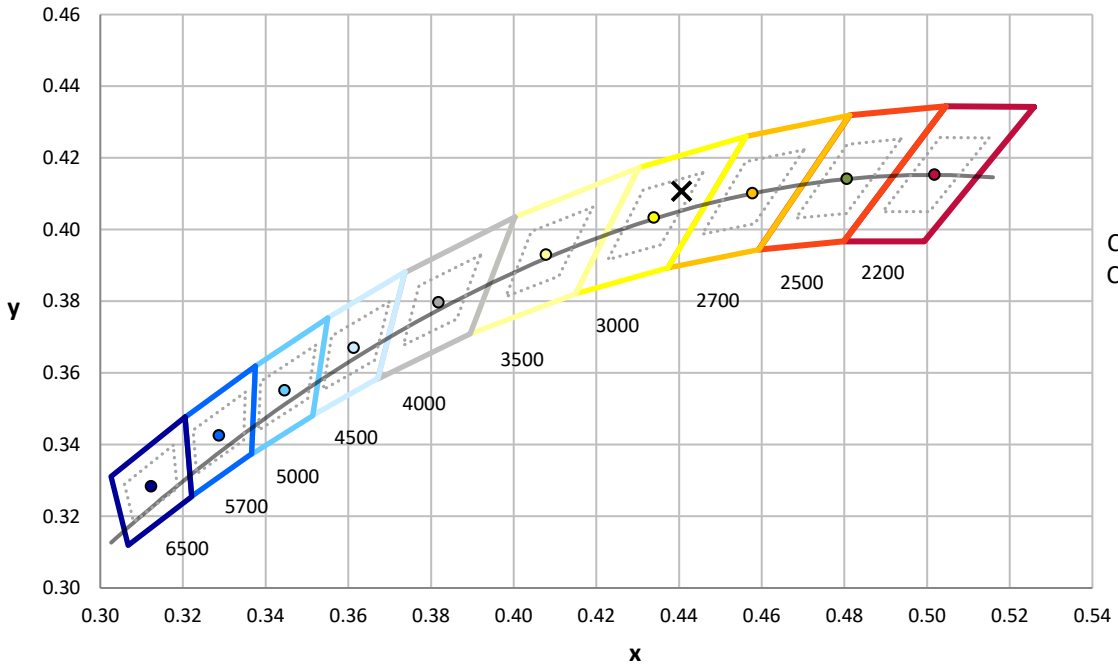
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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



CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

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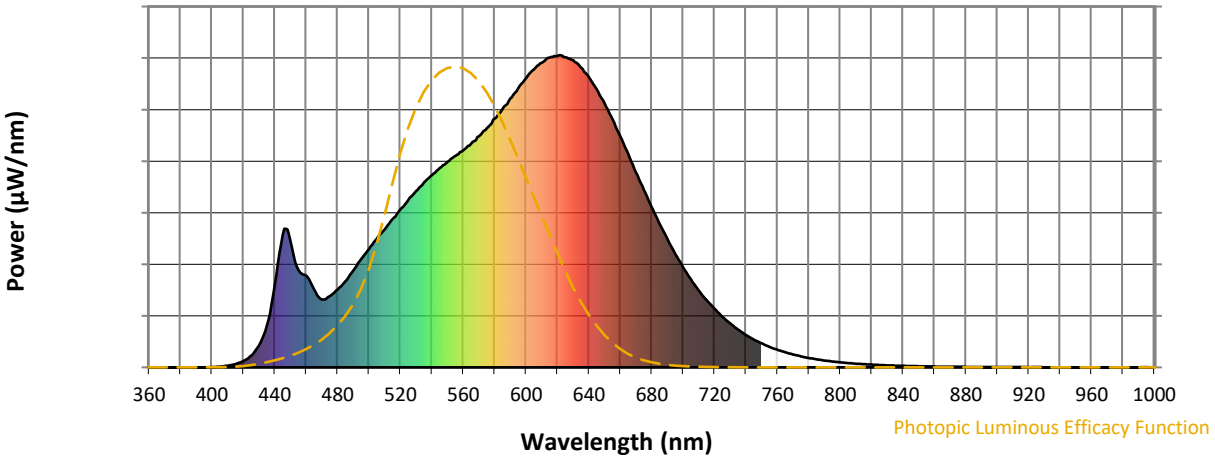
Photopic Flux vs. Wavelength



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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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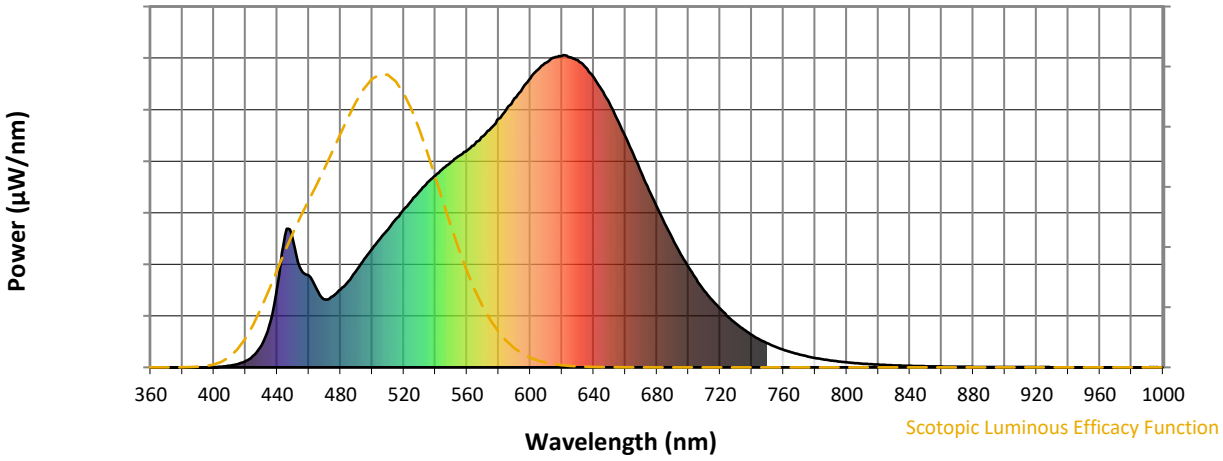
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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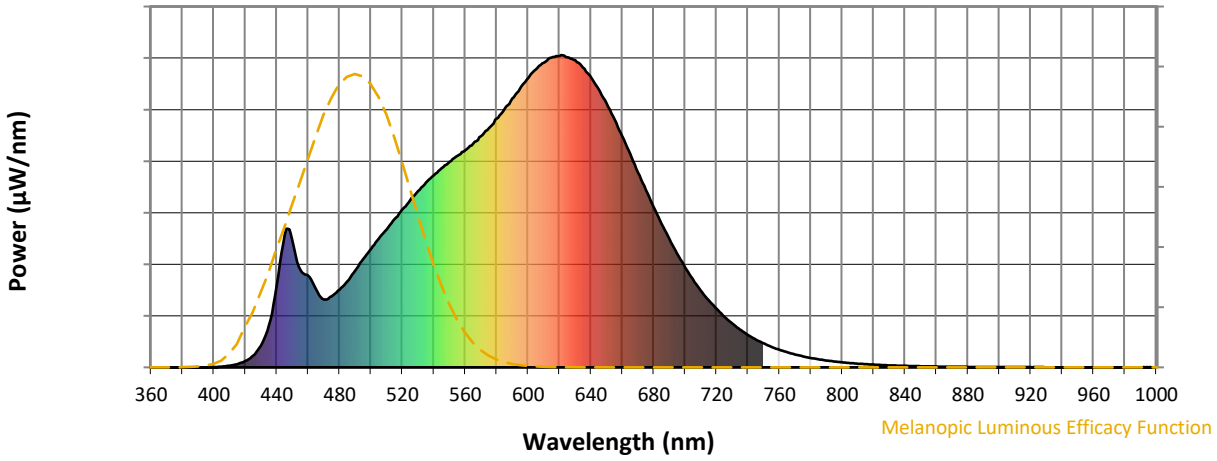
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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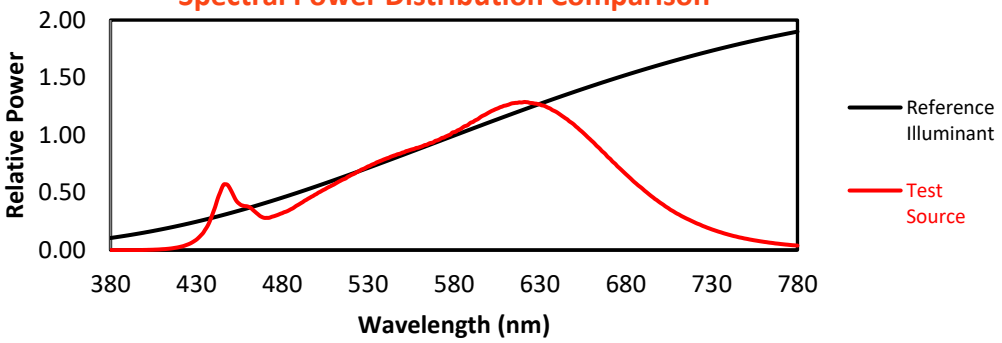
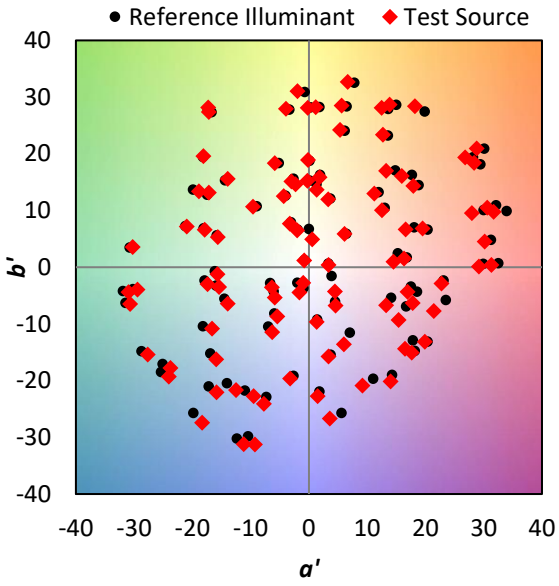
Summary

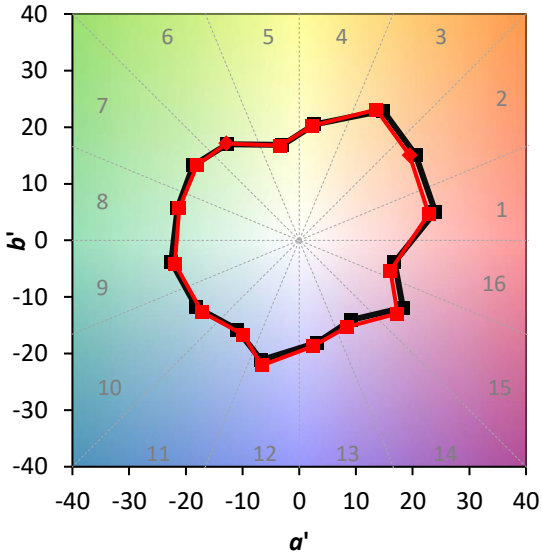
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

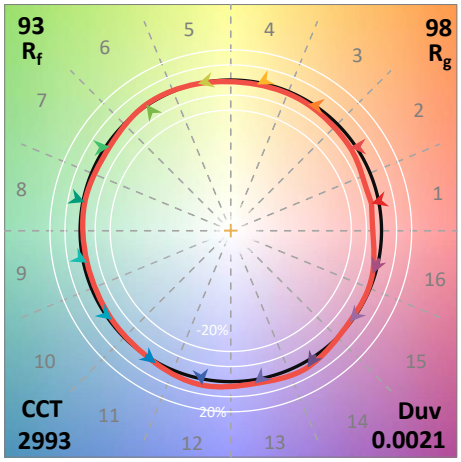
Spectral Power Distribution Comparison

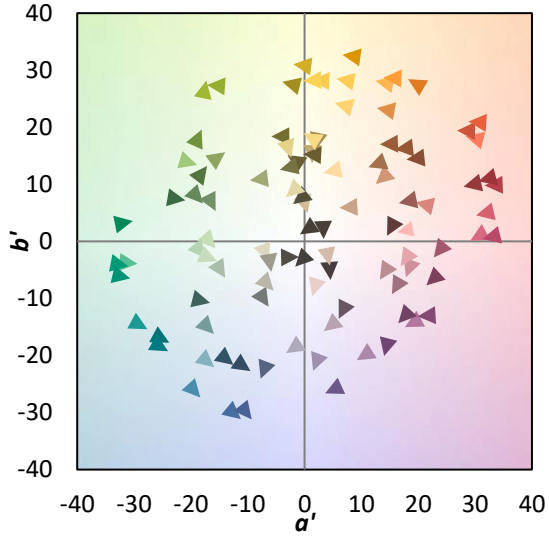


Color Vector Graphics









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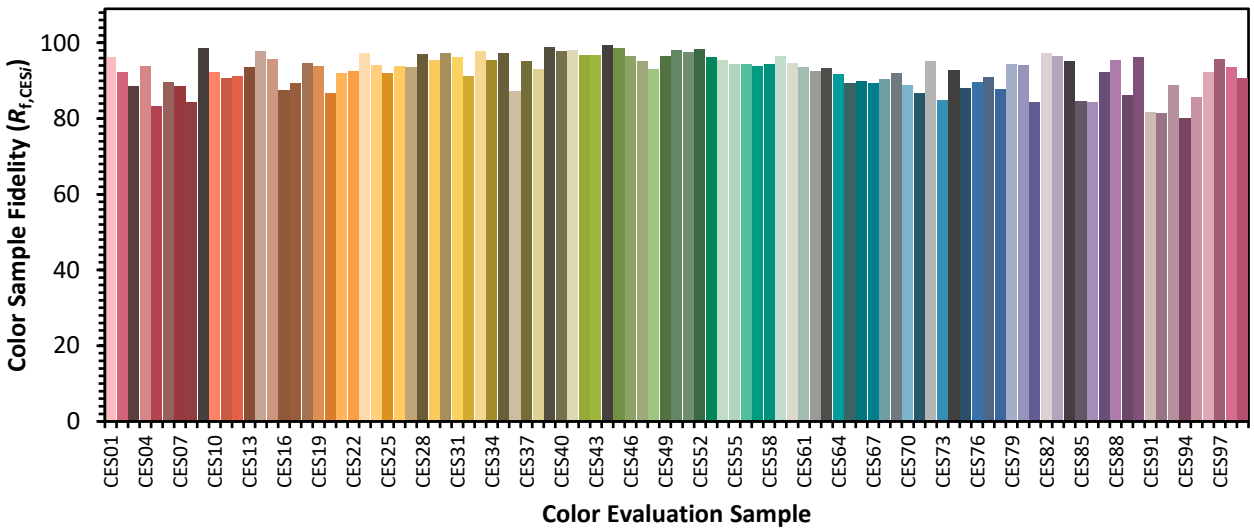
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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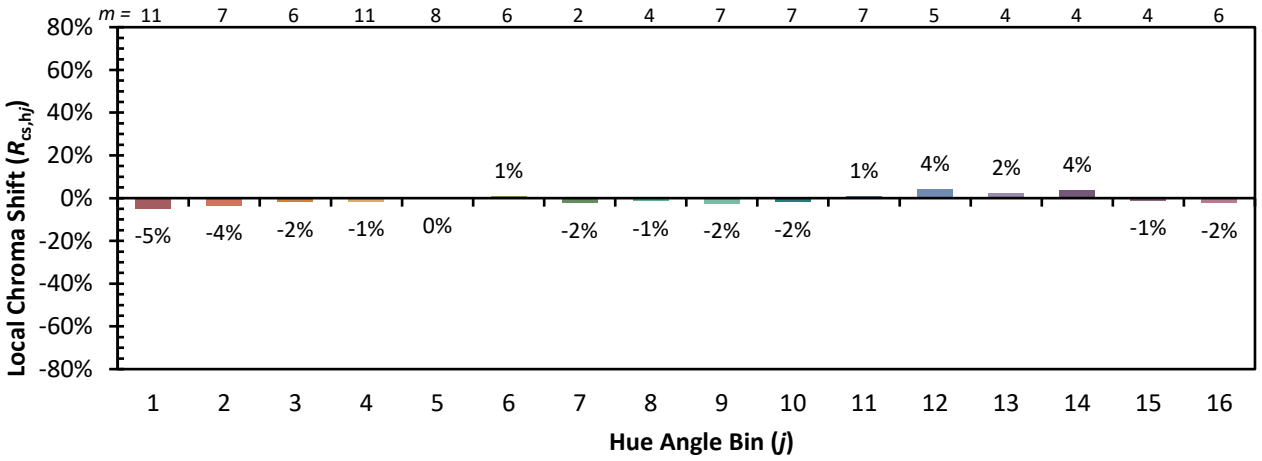
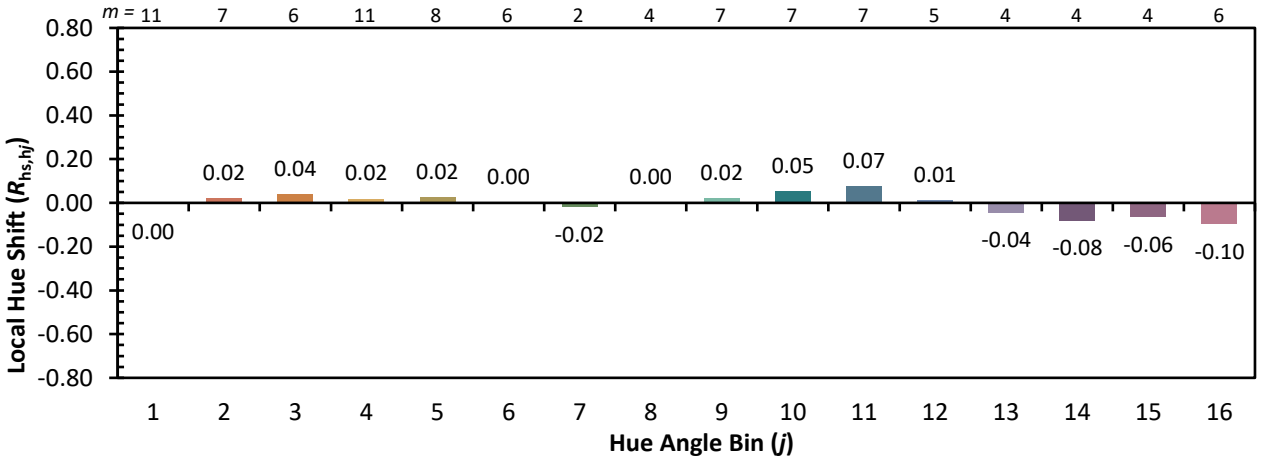
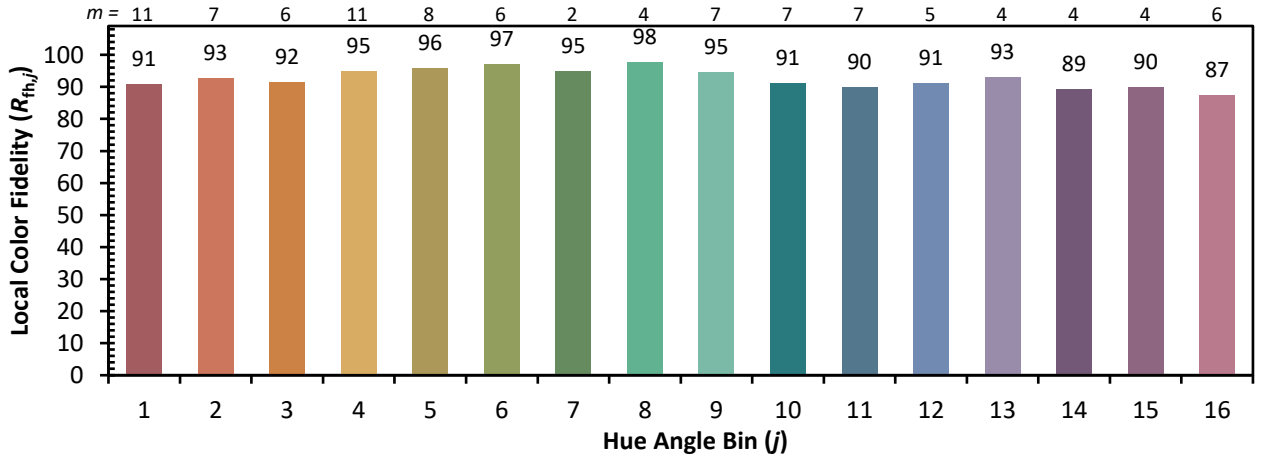
Color Rendition by Hue-Angle Bin







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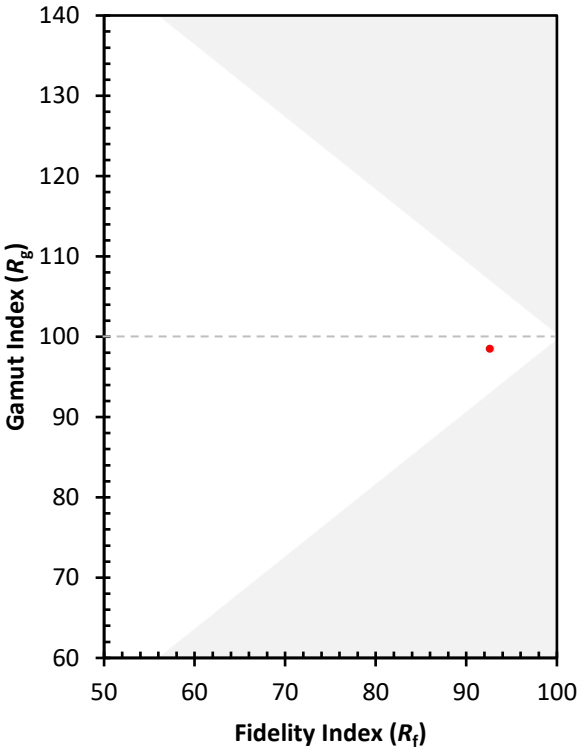
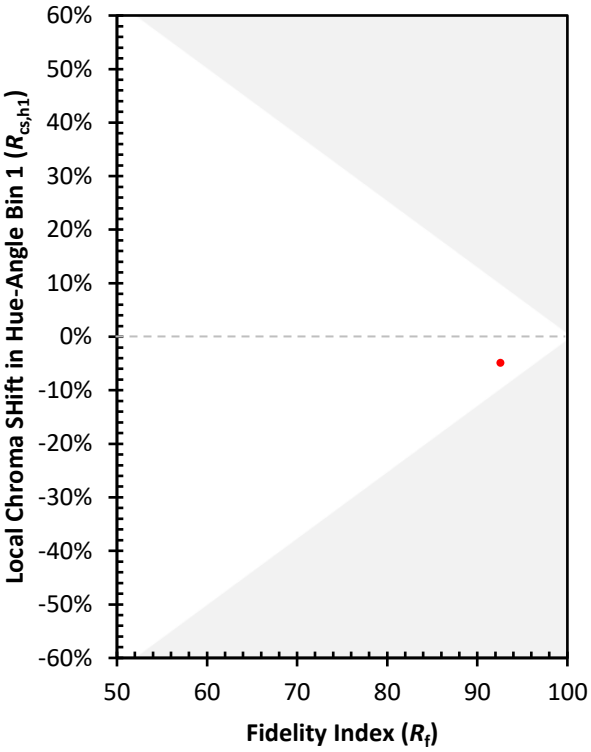
Measure Comparisons





(END OF REPORT)