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: P1458544

Luminaire Tested: GLAN-SB5B-930-U-T3LG-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:	P1458544
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB5B-930-U-T3LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 5xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(130) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	15134.7 lumens
Efficiency:	N/A
Efficacy:	82.8 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B2 - U0 - G2

Input Watts (W):	182.7
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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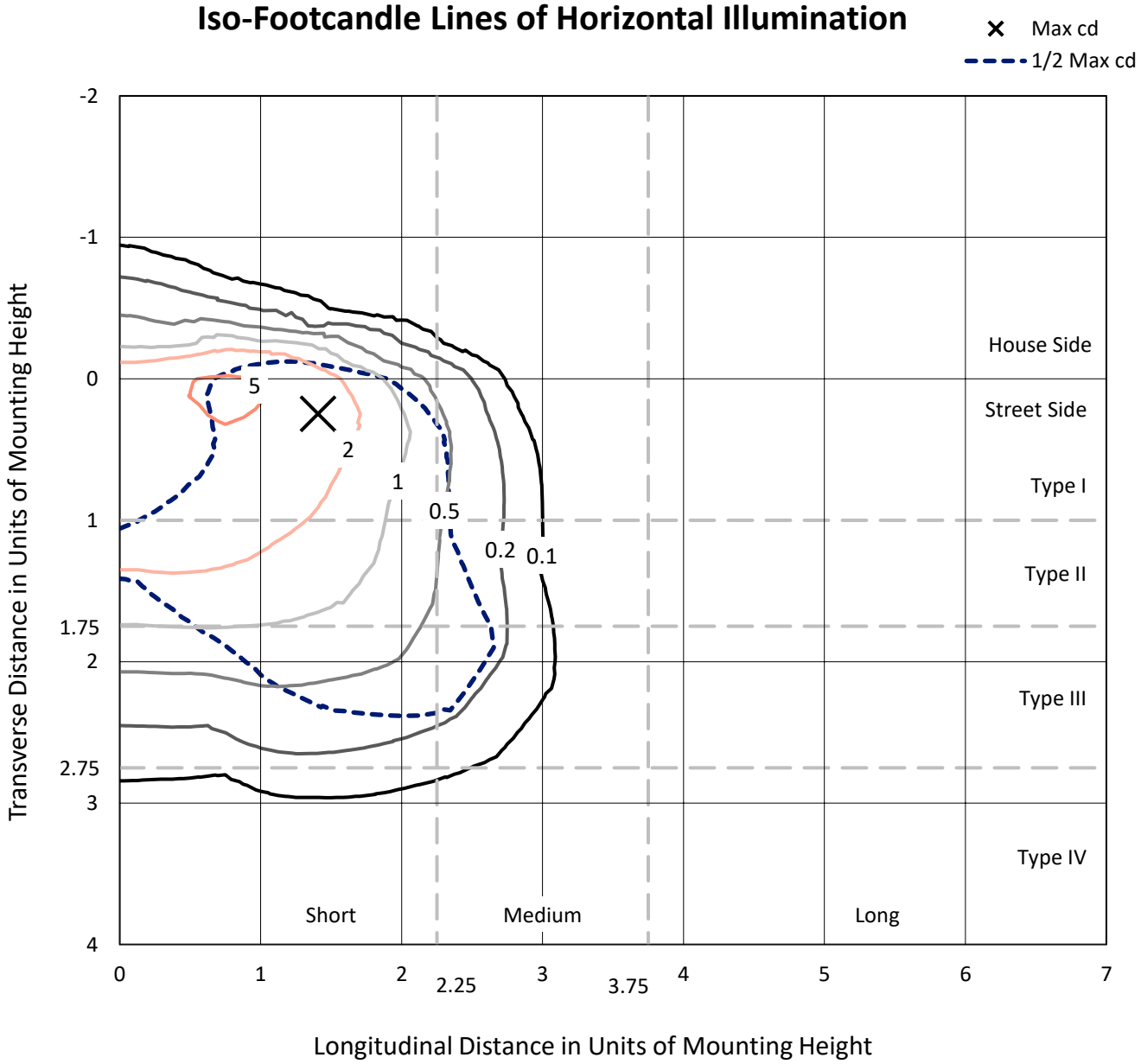
REPORT NUMBER: P1458544
CATALOG NUMBER: GLAN-SB5B-930-U-T3LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6 fc
Type III - Short - N/A

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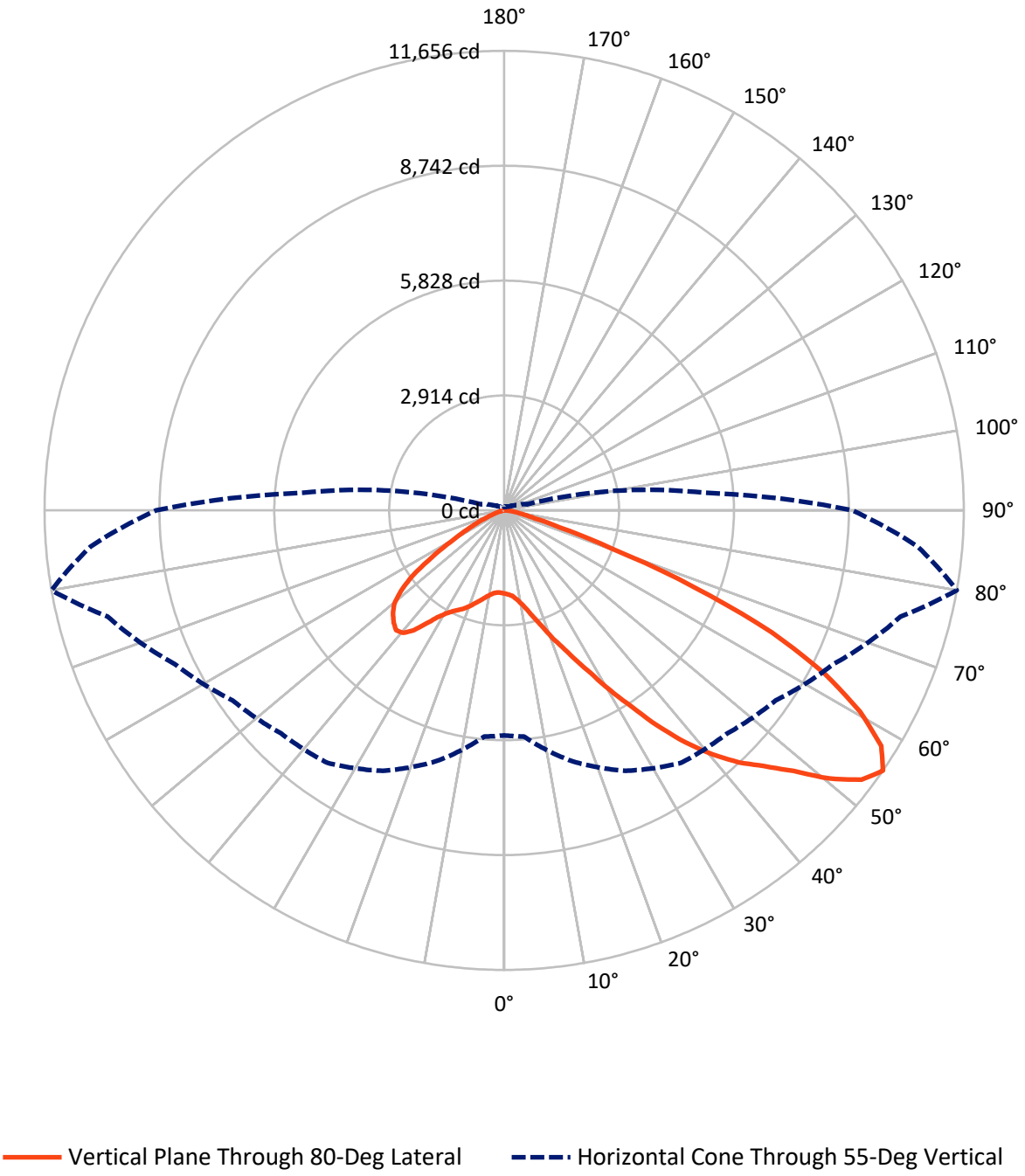
Luminous Intensity Polar Plot



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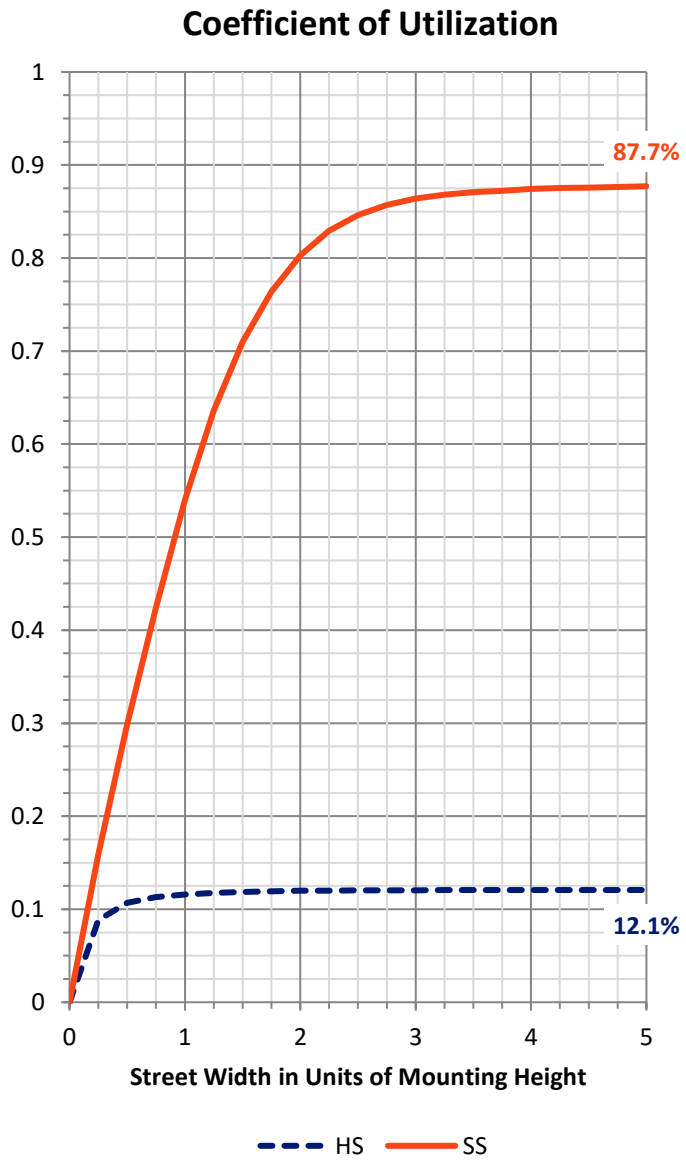
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1839.8	0.0	1839.8
	% Fixture	12.2	0.0	12.2
Street Side	Lumens	13294.9	0.0	13294.9
	% Fixture	87.8	0.0	87.8
Total	Lumens	15134.7	0.0	15134.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	176.9	1.2
10°-20°	466.4	3.1
20°-30°	913.1	6.0
30°-40°	1857.7	12.3
40°-50°	3131.9	20.7
50°-60°	4001.6	26.4
60°-70°	3416.4	22.6
70°-80°	1091.7	7.2
80°-90°	78.8	0.5
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°	15134.7	100.0
0°-180°	15134.7	100.0



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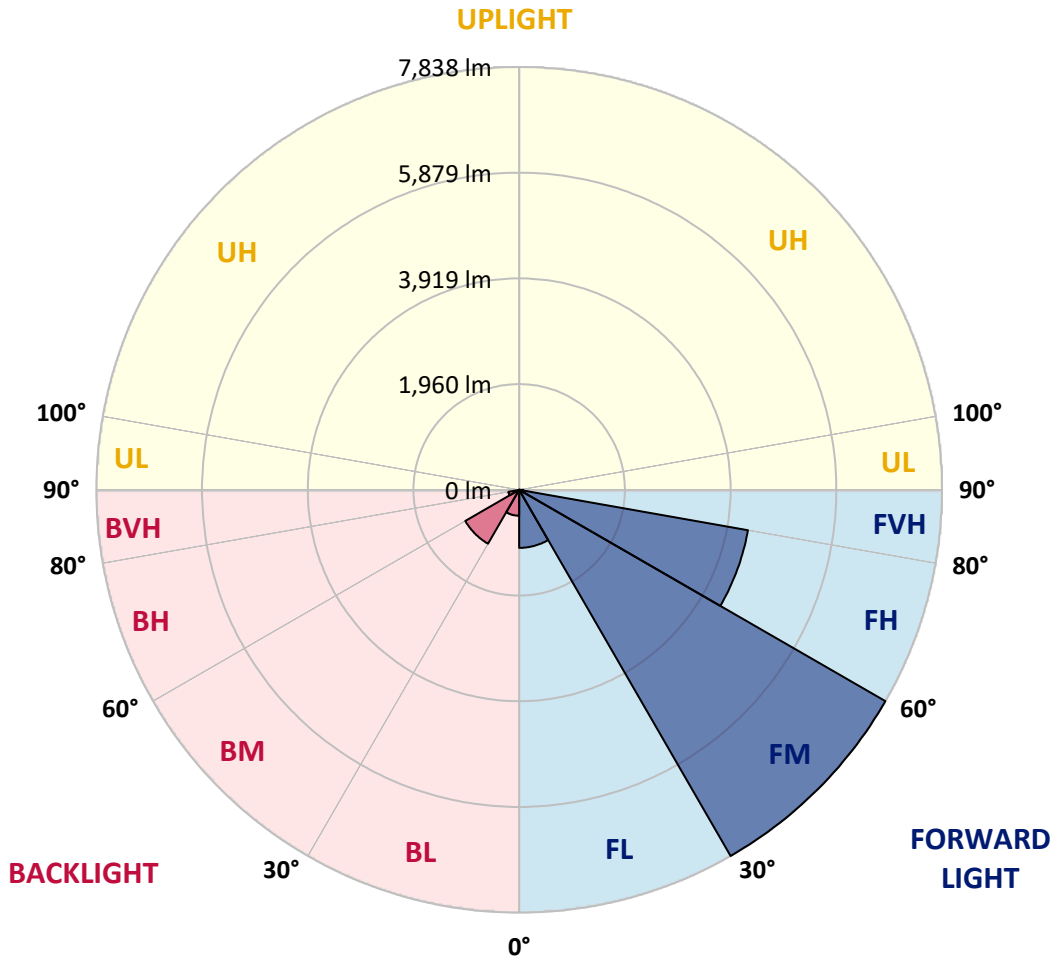
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1076.1	7.1			
FM	(30°-60°)	7838.1	51.8			
FH	(60°-80°)	4305.9	28.5			G2/5000
FVH	(80°-90°)	74.7	0.5			G1/100
BL	(0°-30°)	480.4	3.2	B1/500		
BM	(30°-60°)	1153.1	7.6	B2/2500		
BH	(60°-80°)	202.2	1.3	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: B2-U0-G2
Type III Short



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REPORT NUMBER: P1458544
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	80°	85°
0°	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	*2108.2*	2108.2
2.5°	2121.1	2125.5	2121.1	2125.5	2134.1	2129.8	2147.0	2142.7	2142.7	*2138.4*	2121.1
5°	2000.7	2005.0	2013.6	2035.1	2065.2	2095.3	2134.1	2159.9	2185.7	*2181.4*	2164.2
7.5°	1764.0	1772.6	1807.1	1850.1	1949.0	2039.4	2138.4	2202.9	2258.8	*2276.0*	2263.1
10°	1630.7	1639.3	1660.8	1703.8	1794.2	1944.7	2138.4	2271.7	2370.7	*2405.1*	2409.4
12.5°	1617.8	1622.1	1639.3	1686.6	1764.0	1893.1	2134.1	2362.1	2529.9	*2581.5*	2598.7
15°	1626.4	1635.0	1652.2	1690.9	1781.2	1927.5	2168.5	2504.1	2740.7	*2813.9*	2818.2
17.5°	1660.8	1669.4	1690.9	1733.9	1832.9	2017.9	2276.0	2650.4	2994.6	*3076.3*	3123.6
20°	1729.6	1733.9	1759.7	1815.7	1927.5	2129.8	2435.2	2848.3	3300.0	*3420.5*	3454.9
22.5°	1820.0	1832.9	1867.3	1936.1	2078.1	2284.6	2654.7	3089.2	3635.6	*3760.4*	3820.6
25°	1918.9	1936.1	1987.8	2099.6	2280.3	2521.3	2925.7	3407.6	4031.5	*4182.1*	4263.8
27.5°	2121.1	2125.5	2159.9	2301.9	2534.2	2831.1	3269.9	3816.3	4496.1	*4672.5*	4762.9
30°	2564.3	2568.6	2538.5	2577.2	2813.9	3196.8	3674.4	4293.9	5038.3	*5283.5*	5356.7
32.5°	3106.4	3127.9	3123.6	3097.8	3205.4	3562.5	4156.2	4866.2	5675.0	*5933.2*	6002.0
35°	3721.7	3773.3	3760.4	3751.8	3764.7	4031.5	4707.0	5498.6	6397.9	*6712.0*	6767.9
37.5°	4324.0	4337.0	4397.2	4470.3	4478.9	4663.9	5343.7	6169.8	7069.1	*7469.2*	7555.2
40°	4788.7	4831.7	4982.3	5128.6	5279.2	5425.5	5868.7	6712.0	7602.6	*8140.4*	8179.1
42.5°	5150.1	5253.4	5472.8	5700.9	6006.3	6169.8	6367.7	7094.9	8037.1	*8738.4*	8721.2
45°	5589.0	5632.0	5941.8	6243.0	6552.8	6802.3	6798.0	7417.6	8377.0	*9250.4*	9142.9
47.5°	5885.9	5937.5	6359.1	6712.0	7030.3	7155.1	7180.9	7766.1	8846.0	*9870.0*	9616.2
50°	6045.1	6135.4	6595.8	7043.2	7387.4	7426.2	7542.3	8222.1	9461.3	*10691.8*	10214.2
52.5°	6062.3	6148.3	6677.5	7254.1	7628.4	7705.8	7903.8	8738.4	10059.3	*11350.1*	10558.4
55°	*5705.2*	*5756.8*	*6578.6*	*7288.5*	*7817.7*	*7998.4*	*8402.8*	*9216.0*	*10407.8*	*11655.6*	*10528.3*
57.5°	5369.6	5421.2	6135.4	7228.3	8011.3	8381.3	8936.4	9543.0	10136.8	*11276.9*	9857.1
60°	5081.3	5107.1	5756.8	6948.6	8084.5	8755.7	9396.7	9220.3	9435.5	*10369.1*	8708.3
62.5°	4539.2	4556.4	5326.5	6445.2	7938.2	9043.9	9555.9	8536.2	8665.3	*9117.1*	7357.3
65°	3429.1	3493.7	4199.3	6066.6	7697.2	9177.3	9185.9	7701.5	7568.2	*7460.6*	5786.9
67.5°	2327.7	2400.8	2826.8	5455.6	7305.7	9233.2	8467.4	6621.6	5765.4	*5210.4*	3790.5
70°	1858.7	1858.7	2005.0	4384.3	6376.4	8519.0	7576.8	4999.5	3661.5	*2878.4*	2030.8
72.5°	1221.9	1226.2	1363.9	2783.7	4522.0	6496.8	6178.4	2891.3	1901.7	*1467.2*	1002.5
75°	443.2	443.2	598.1	1114.4	2392.2	3868.0	3764.7	1381.1	1032.6	*800.3*	606.7
77.5°	236.6	245.2	288.3	460.4	916.4	1574.7	1471.5	705.6	585.1	*499.1*	378.6
80°	159.2	163.5	193.6	284.0	443.2	606.7	473.3	395.8	395.8	*335.6*	253.8
82.5°	86.1	90.4	129.1	185.0	236.6	284.0	228.0	232.3	279.7	*228.0*	146.3
85°	60.2	60.2	99.0	133.4	133.4	137.7	99.0	146.3	163.5	*142.0*	99.0
87.5°	34.4	34.4	55.9	64.5	64.5	60.2	30.1	51.6	64.5	*73.1*	43.0
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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Scaled Data Report

REPORT NUMBER: P1458544
CATALOG NUMBER: GLAN-SB5B-930-U-T3LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2	2108.2
2.5°	2116.8	2103.9	2078.1	2026.5	2000.7	1966.3	1936.1	1897.4	1888.8	1884.5	1867.3
5°	2151.3	2125.5	2048.0	1936.1	1841.5	1751.1	1660.8	1609.1	1566.1	1544.6	1540.3
7.5°	2237.3	2185.7	2043.7	1845.8	1669.4	1514.5	1381.1	1264.9	1204.7	1153.1	1157.4
10°	2366.4	2284.6	2052.3	1759.7	1497.3	1247.7	1054.1	886.3	765.9	709.9	705.6
12.5°	2538.5	2422.3	2082.4	1673.7	1286.5	938.0	692.7	593.7	567.9	563.6	559.3
15°	2749.3	2585.8	2112.5	1561.8	1002.5	649.7	563.6	542.1	537.8	533.5	533.5
17.5°	3003.2	2775.1	2129.8	1372.5	731.4	559.3	529.2	516.3	512.0	507.7	507.7
20°	3321.6	2986.0	2151.3	1131.6	619.6	537.8	503.4	486.2	481.9	481.9	477.6
22.5°	3635.6	3222.6	2134.1	920.7	598.1	512.0	473.3	456.1	447.5	447.5	443.2
25°	3997.1	3463.5	2082.4	830.4	593.7	490.5	443.2	417.3	404.4	400.1	400.1
27.5°	4410.1	3738.9	2000.7	834.7	593.7	473.3	404.4	370.0	361.4	352.8	352.8
30°	4883.4	4074.5	1940.4	890.6	602.4	456.1	370.0	327.0	314.1	305.5	309.8
32.5°	5425.5	4448.8	1936.1	981.0	615.3	430.3	331.3	284.0	271.1	266.8	271.1
35°	6040.8	4913.5	2035.1	1049.8	580.8	374.3	284.0	245.2	232.3	232.3	236.6
37.5°	6724.9	5447.0	2168.5	1032.6	469.0	296.9	245.2	215.1	202.2	206.5	210.8
40°	7348.7	5864.4	2190.0	882.0	352.8	253.8	210.8	189.3	180.7	185.0	189.3
42.5°	7822.0	6199.9	1983.5	684.1	296.9	215.1	180.7	163.5	159.2	167.8	167.8
45°	8204.9	6333.3	1656.5	507.7	262.5	185.0	159.2	150.6	142.0	146.3	146.3
47.5°	8605.1	6354.8	1351.0	408.7	232.3	167.8	146.3	137.7	129.1	129.1	129.1
50°	8992.3	6303.2	1032.6	361.4	215.1	150.6	133.4	124.8	116.2	111.9	111.9
52.5°	9086.9	5890.2	757.2	335.6	197.9	142.0	124.8	116.2	107.6	103.3	103.3
55°	*8824.5*	*5107.1*	*593.7*	*301.2*	*180.7*	*129.1*	*116.2*	*107.6*	*94.7*	*90.4*	*90.4*
57.5°	7959.7	3893.8	473.3	258.2	163.5	124.8	107.6	99.0	86.1	81.7	81.7
60°	6836.7	2762.2	382.9	210.8	150.6	111.9	99.0	86.1	77.4	68.8	68.8
62.5°	5593.3	1983.5	309.8	176.4	142.0	99.0	90.4	77.4	60.2	47.3	47.3
65°	4289.6	1424.1	240.9	142.0	129.1	86.1	77.4	64.5	47.3	34.4	34.4
67.5°	2775.1	920.7	180.7	124.8	99.0	73.1	60.2	51.6	43.0	30.1	25.8
70°	1462.9	537.8	133.4	107.6	73.1	55.9	51.6	43.0	34.4	21.5	21.5
72.5°	757.2	352.8	99.0	94.7	55.9	38.7	43.0	34.4	25.8	12.9	12.9
75°	486.2	236.6	73.1	77.4	34.4	30.1	30.1	21.5	12.9	8.6	4.3
77.5°	314.1	159.2	51.6	64.5	21.5	17.2	17.2	8.6	4.3	0.0	0.0
80°	185.0	99.0	34.4	43.0	8.6	8.6	4.3	0.0	0.0	0.0	0.0
82.5°	94.7	51.6	17.2	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	60.2	25.8	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	30.1	8.6	4.3	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: SP1-2407-184-14

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

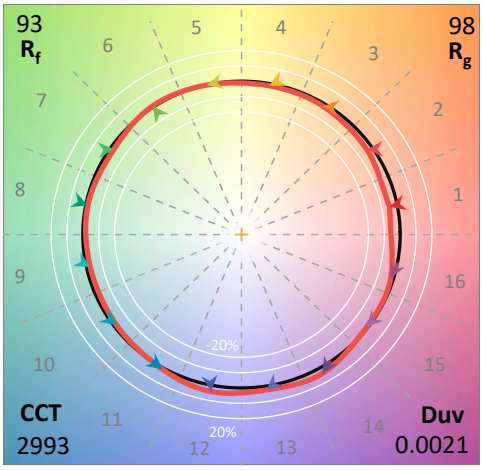
Test Information

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

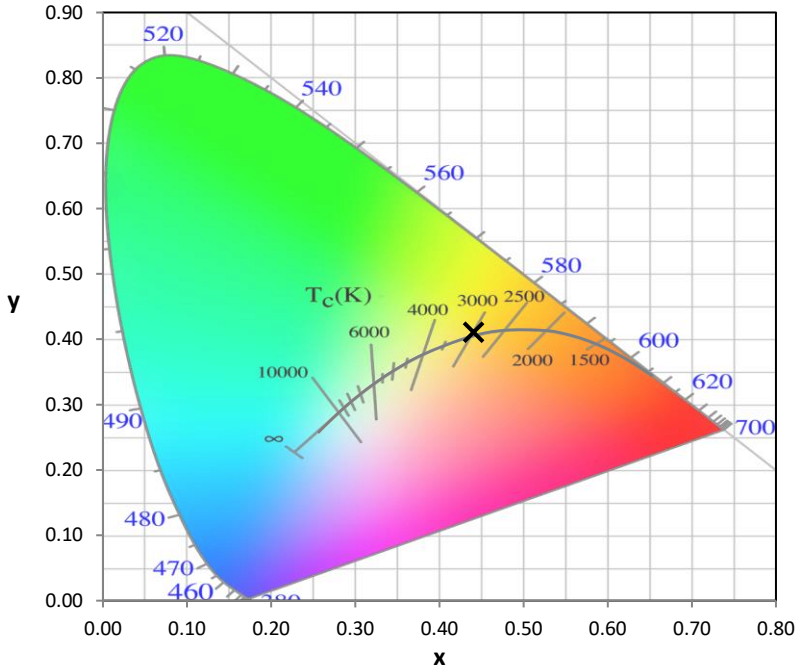
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

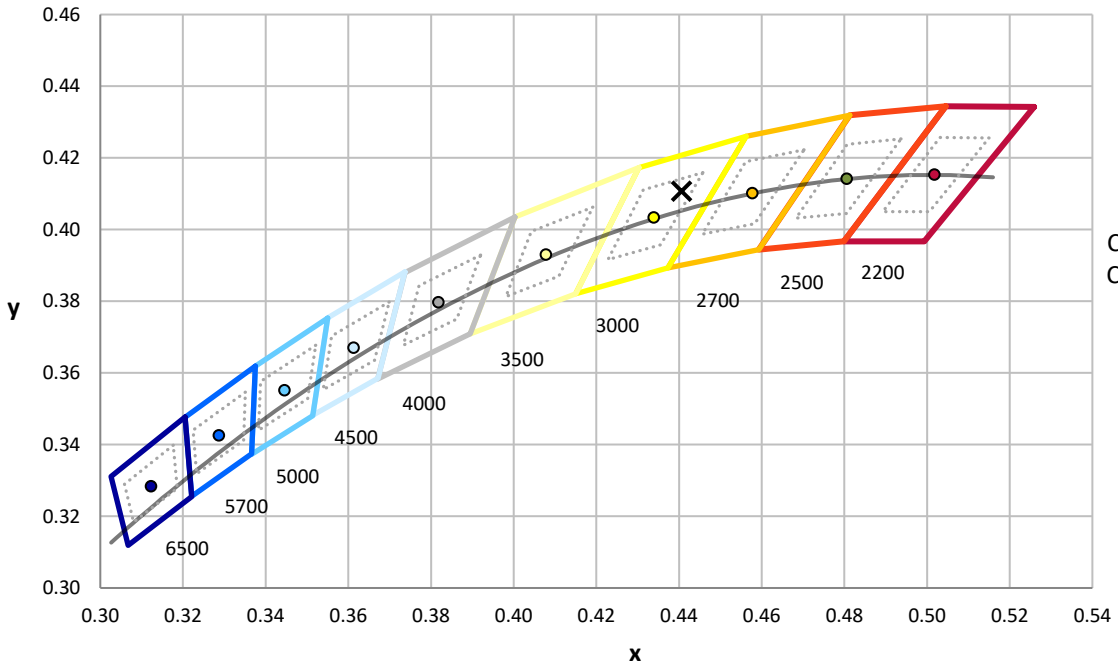
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

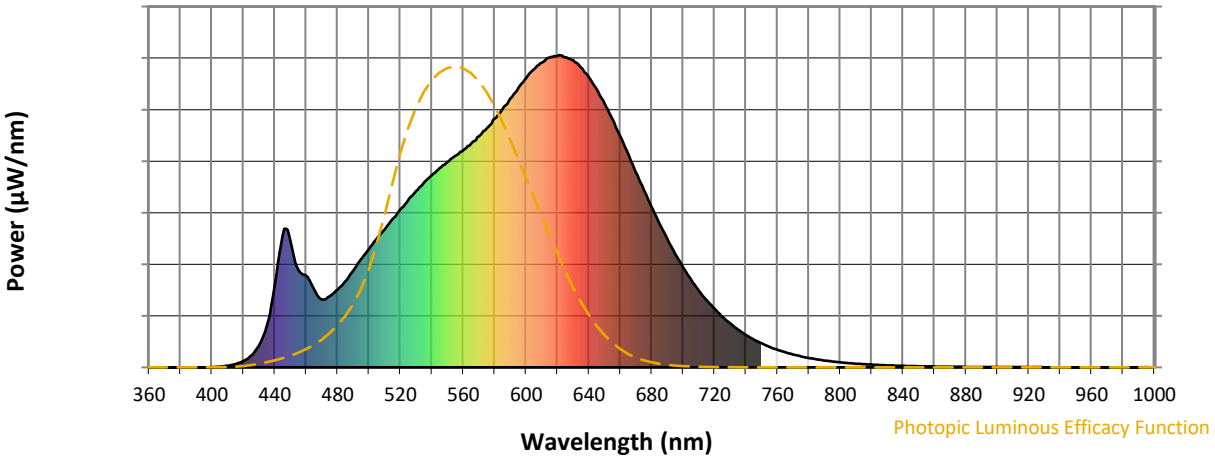


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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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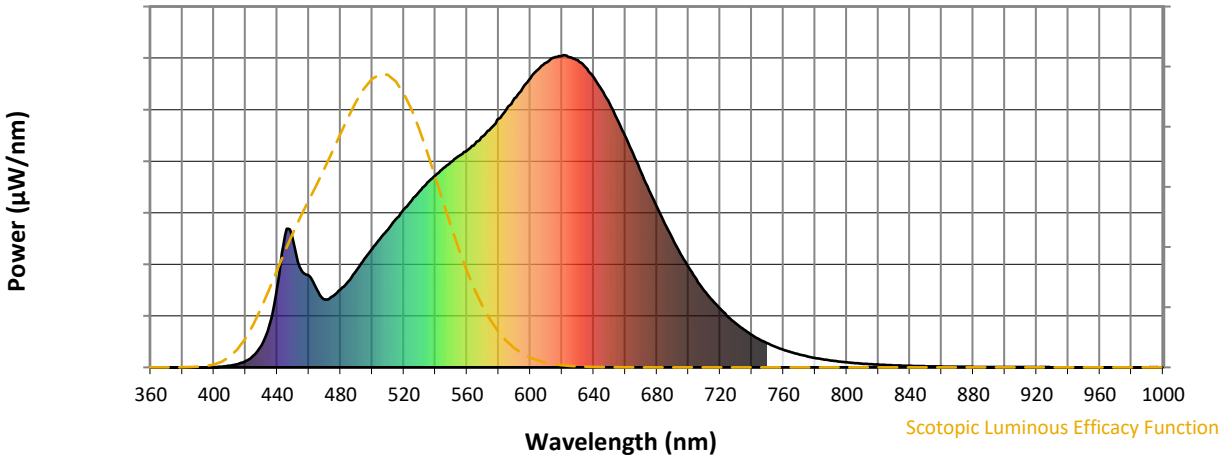
Scotopic Flux vs. Wavelength



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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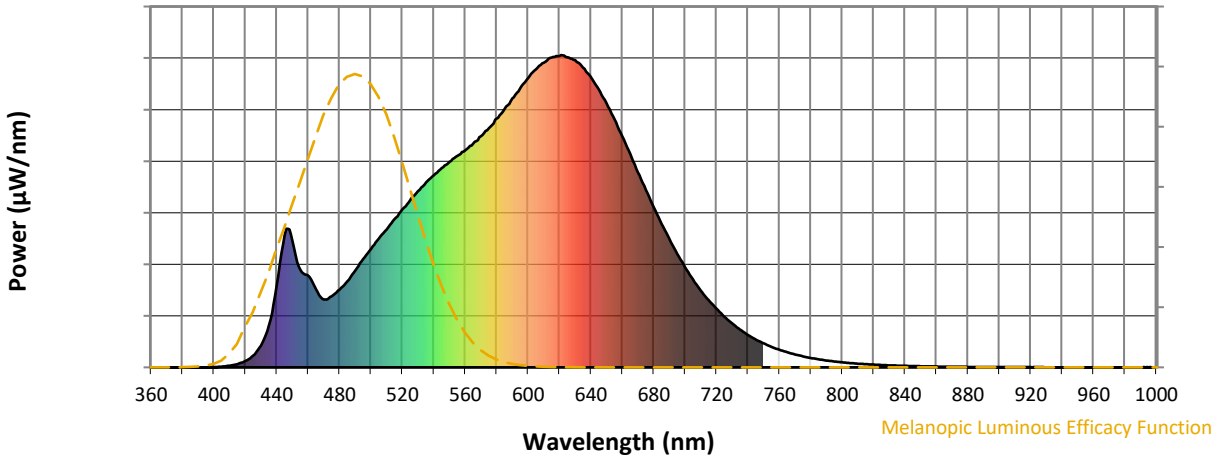
Melanopic Flux vs. Wavelength



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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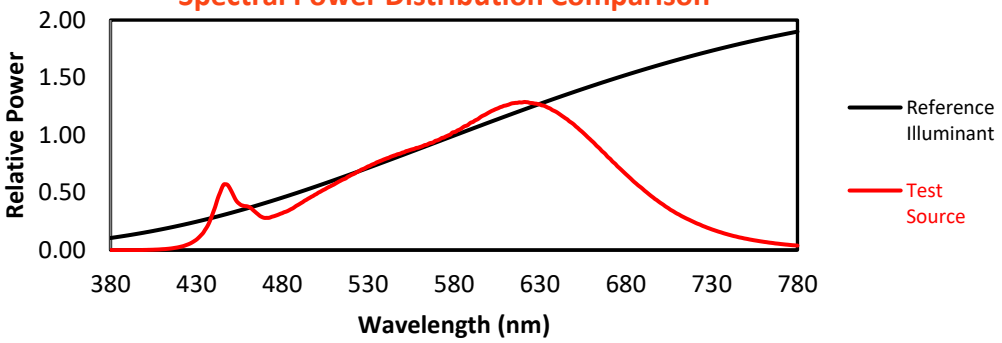
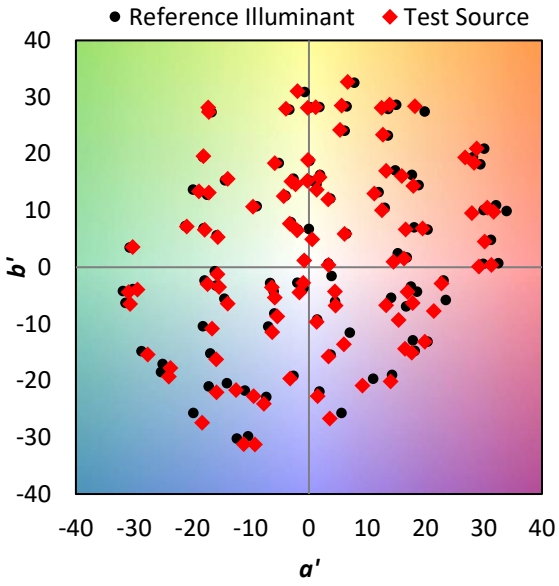
Summary

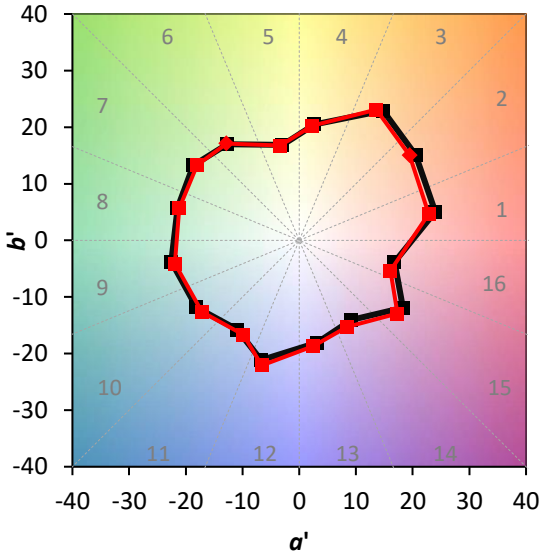
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

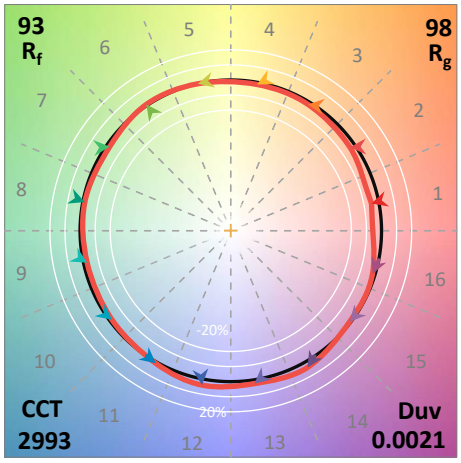
Spectral Power Distribution Comparison

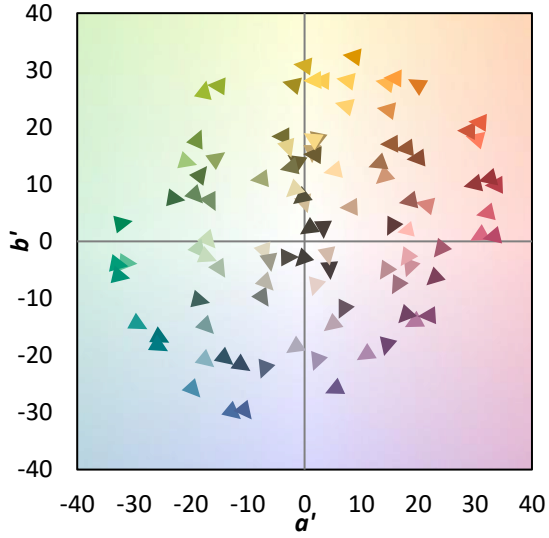


Color Vector Graphics









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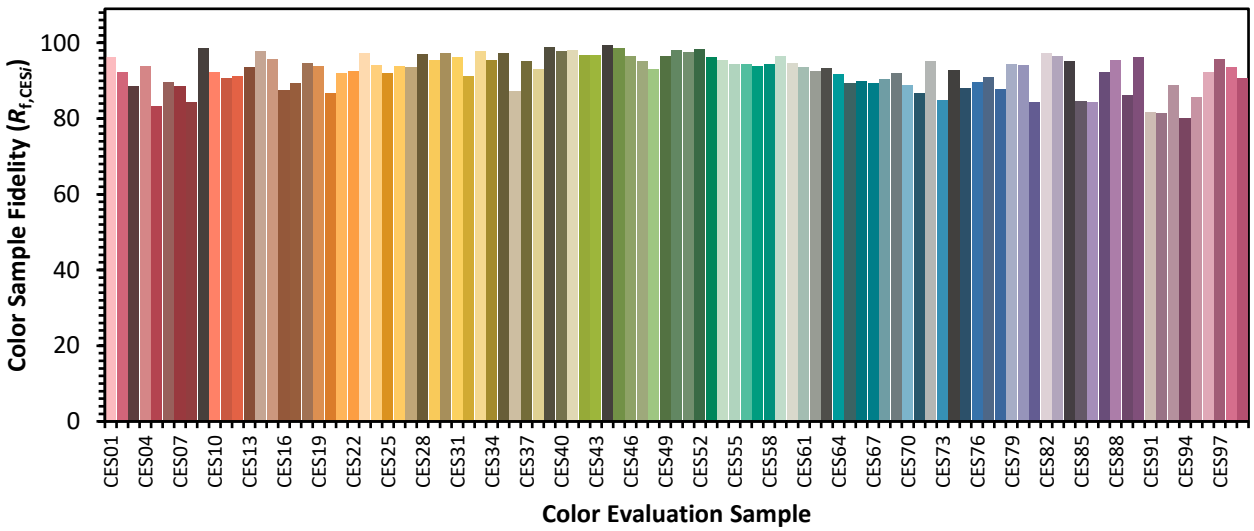
Individual Sample Fidelity Index ($R_{f,i}$)

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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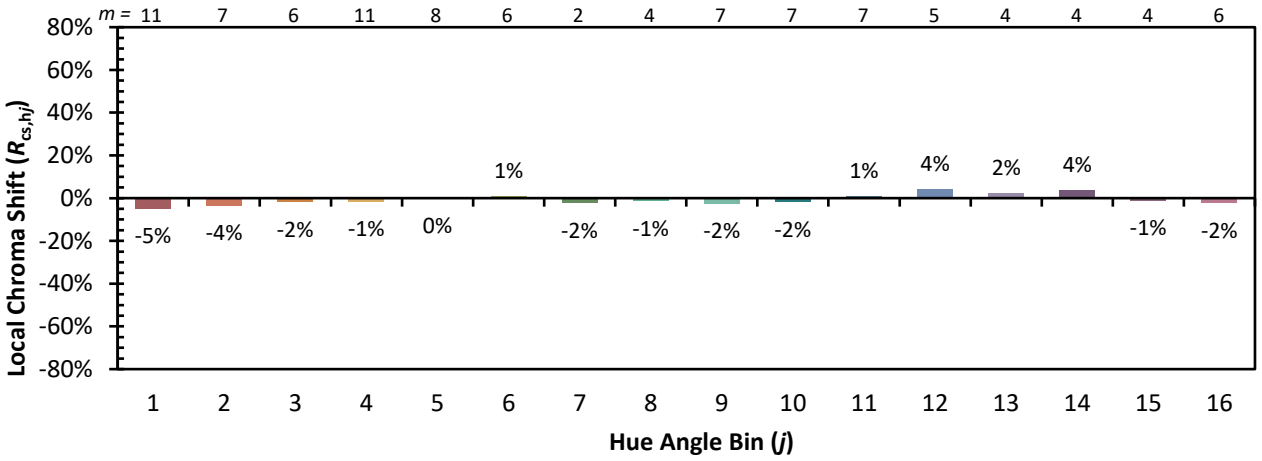
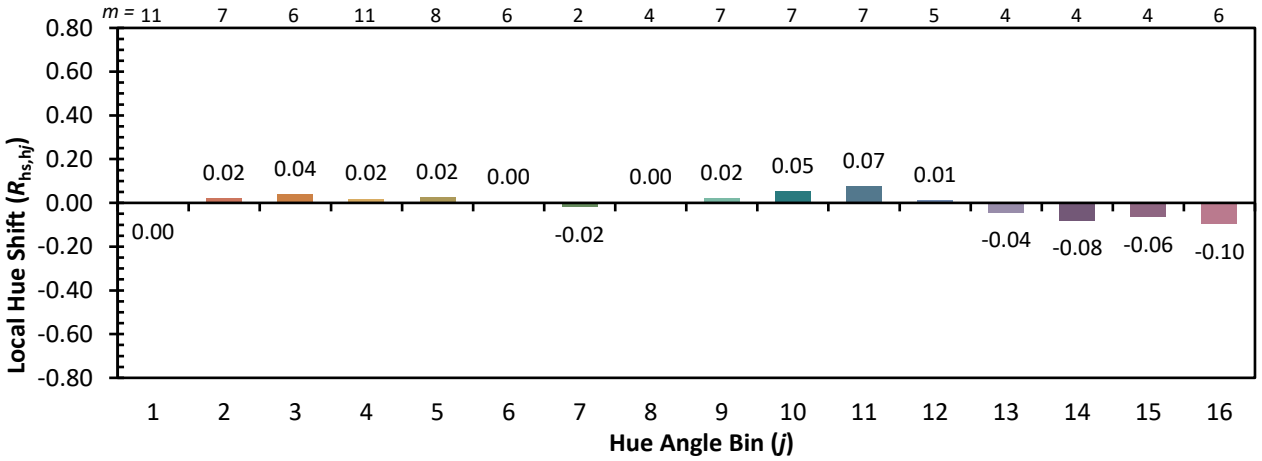
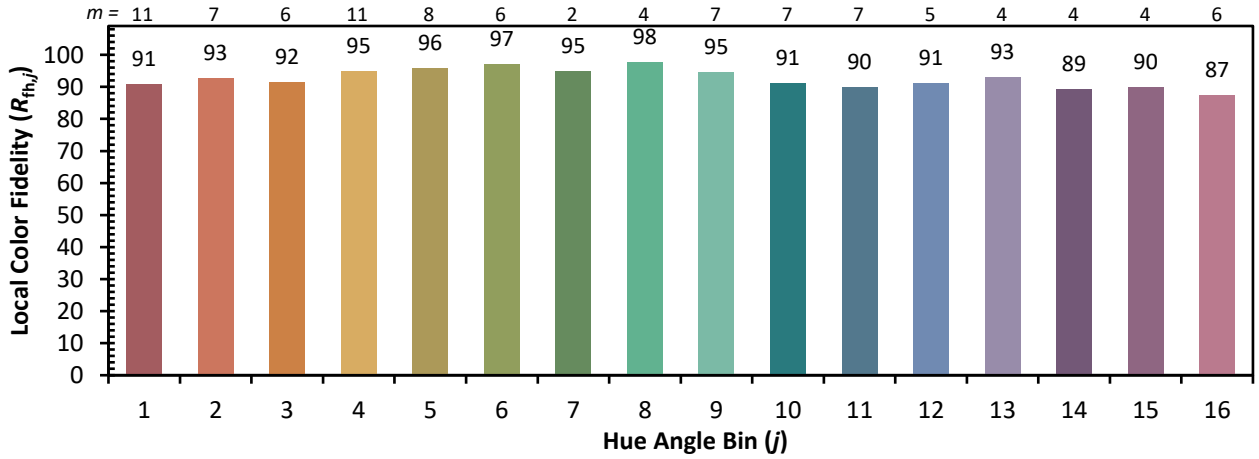
Color Rendition by Hue-Angle Bin







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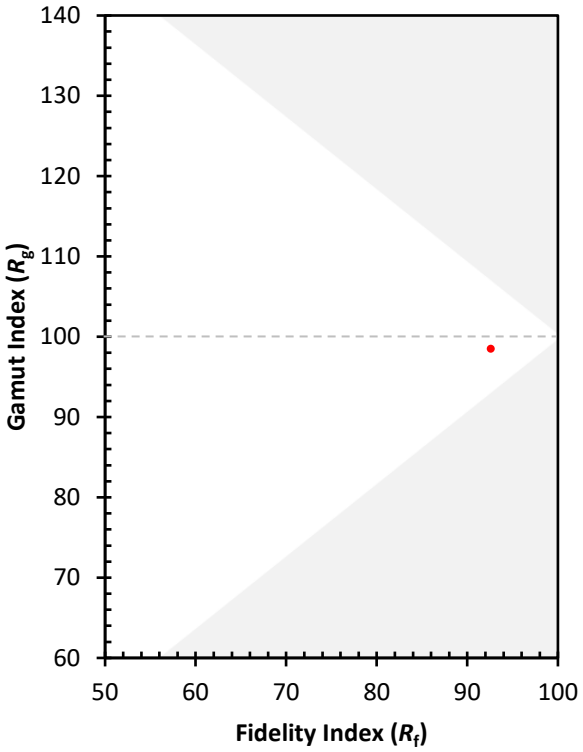
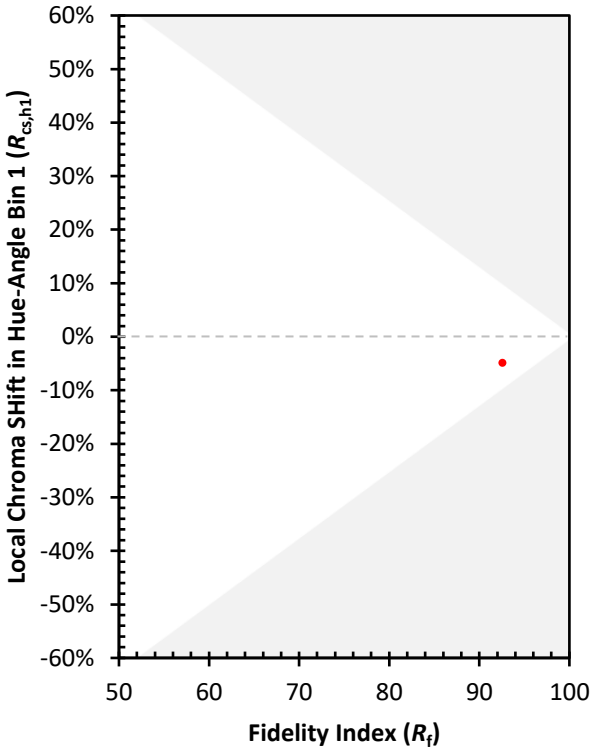
Measure Comparisons





(END OF REPORT)