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: P1457223

Luminaire Tested: GLAN-SB8A-830-U-T4LG

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:	P1457223
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8A-830-U-T4LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE
Light Source:	(208) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31885.6 lumens
Efficiency:	N/A
Efficacy:	140.4 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G4

Input Watts (W):	227.1
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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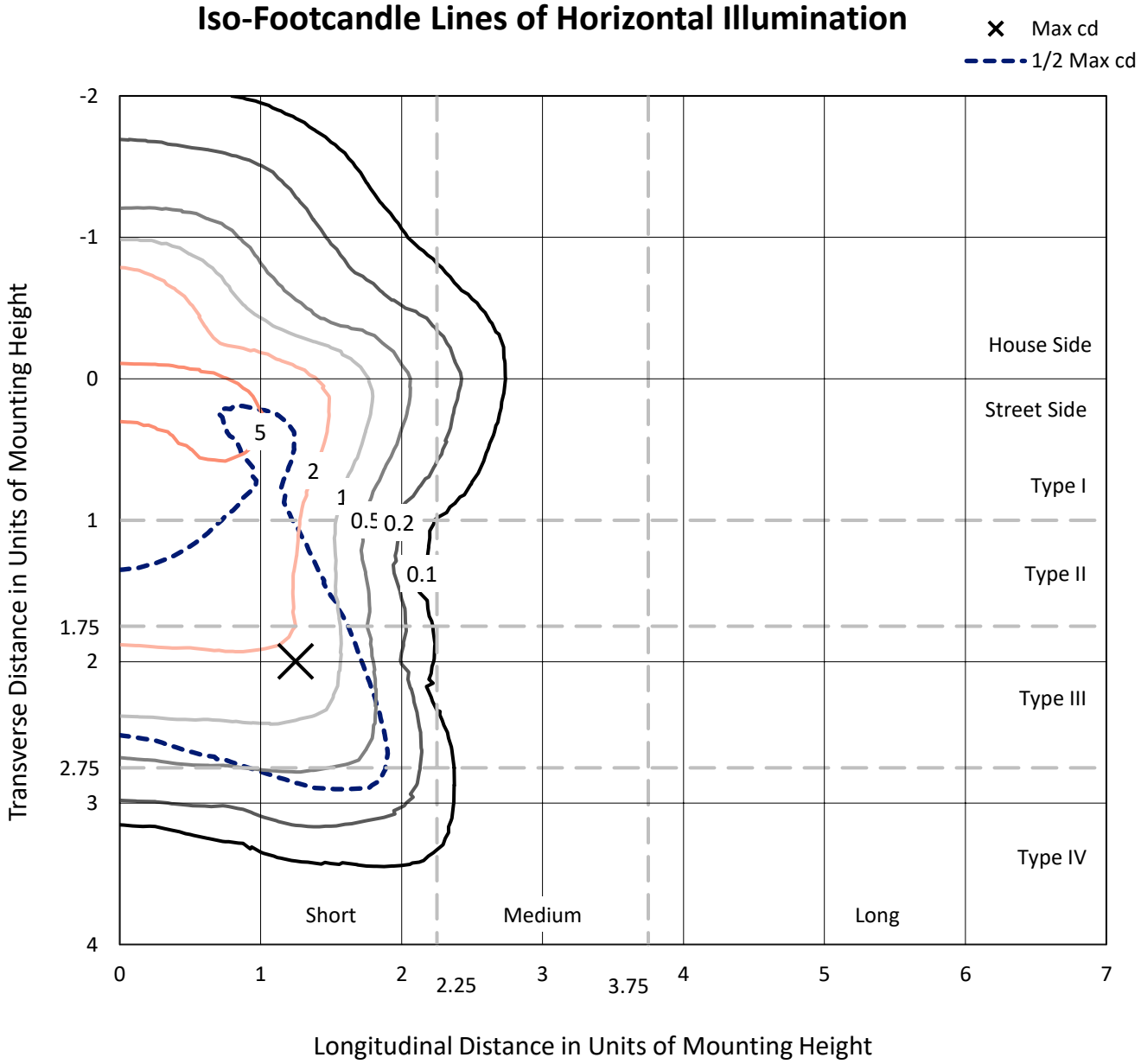
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 8.7 fc
Type IV - Short - N/A

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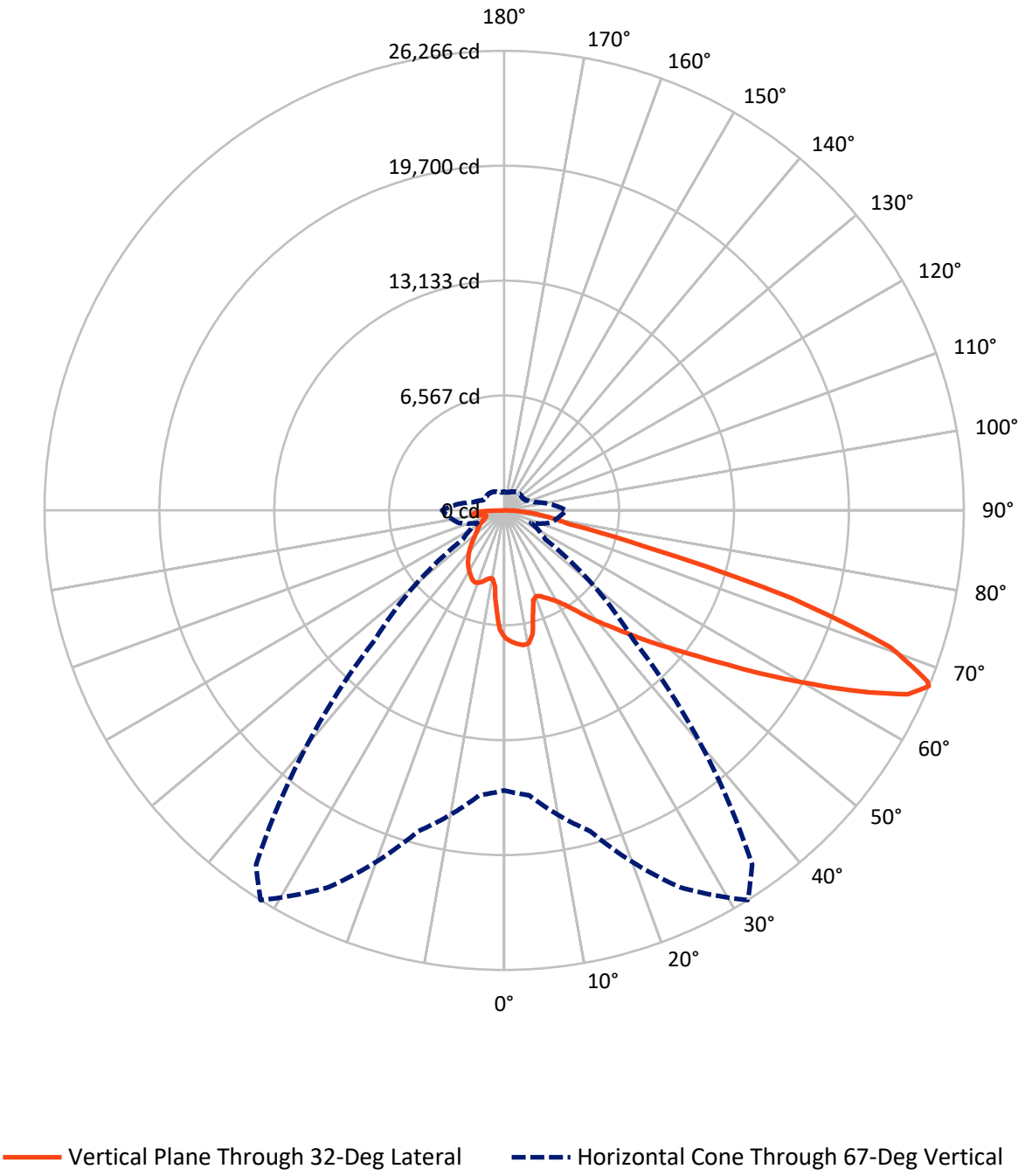
Luminous Intensity Polar Plot



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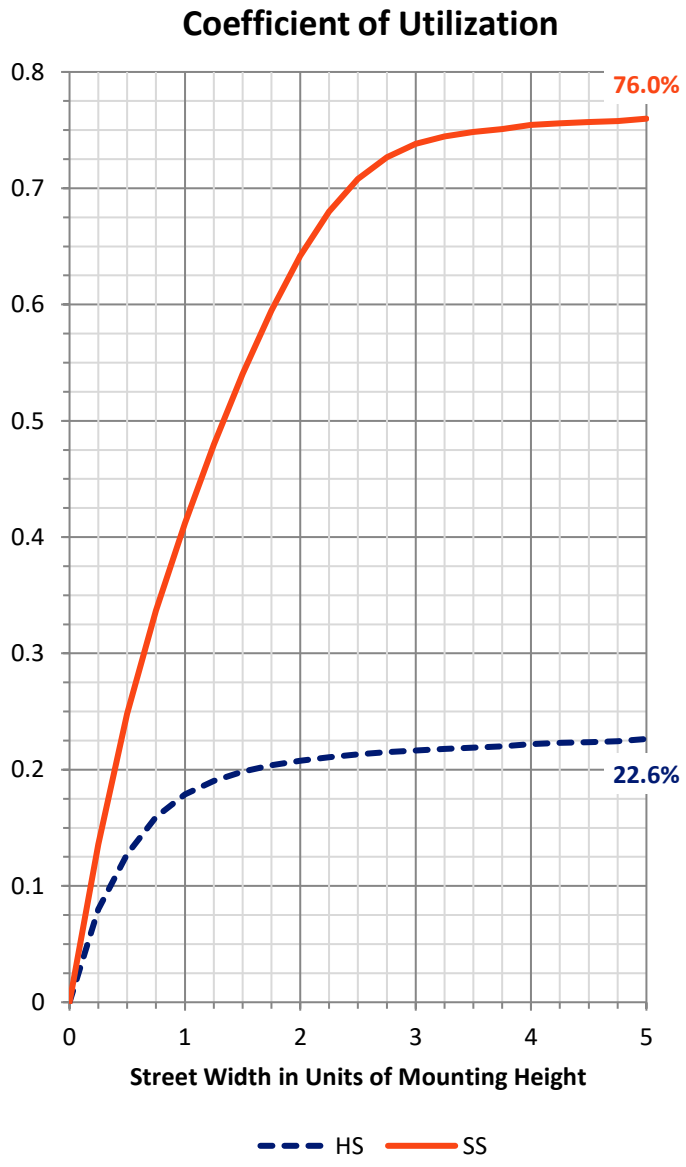
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7548.8	0.0	7548.8
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	24336.8	0.0	24336.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	31885.6	0.0	31885.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	636.6	2.0
10°-20°	1690.1	5.3
20°-30°	2760.0	8.7
30°-40°	4068.0	12.8
40°-50°	5610.0	17.6
50°-60°	7087.1	22.2
60°-70°	6859.0	21.5
70°-80°	2447.9	7.7
80°-90°	726.9	2.3
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°	31885.6	100.0
0°-180°	31885.6	100.0



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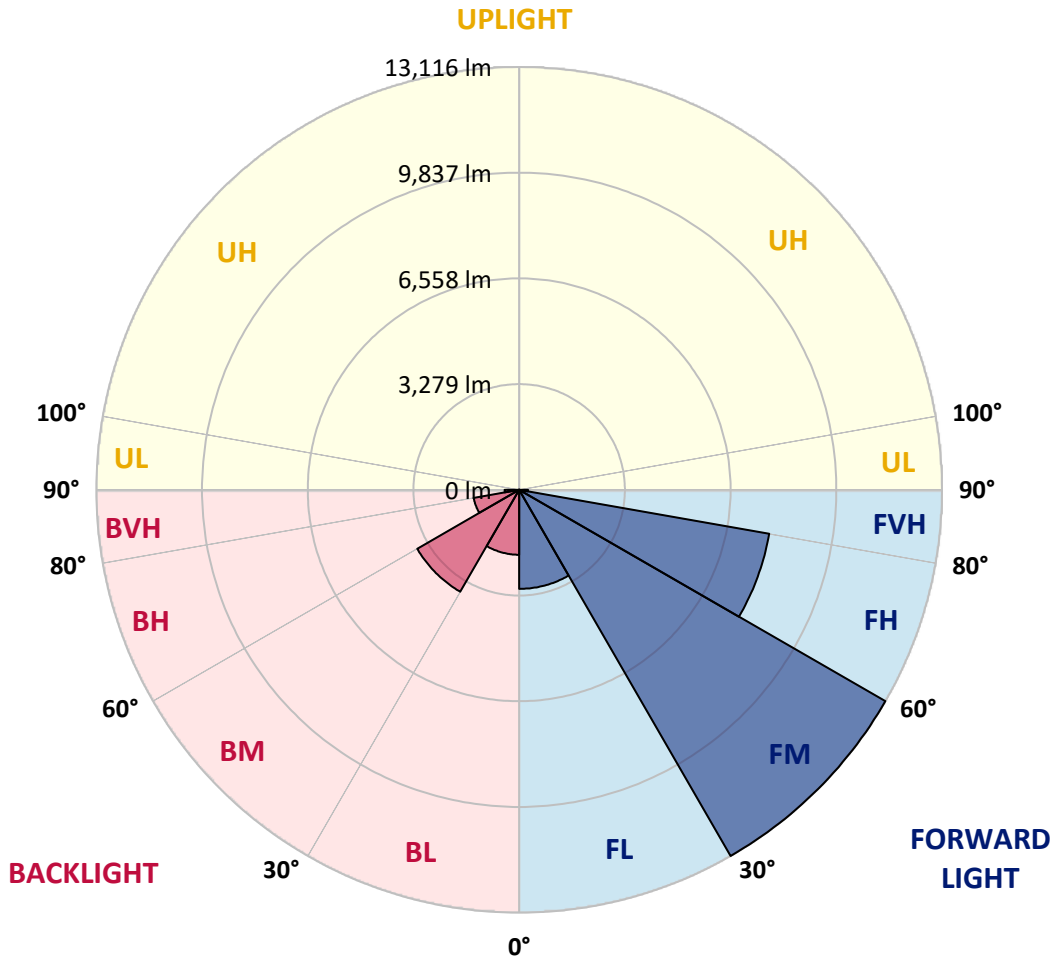
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	3072.2	9.6			
FM	(30°-60°)	13115.5	41.1			
FH	(60°-80°)	7875.1	24.7			G4/12000
FVH	(80°-90°)	273.9	0.9			G3/500
BL	(0°-30°)	2014.4	6.3	B3/2500		
BM	(30°-60°)	3649.5	11.4	B3/5000		
BH	(60°-80°)	1431.9	4.5	B3/2500		G3/2500
BVH	(80°-90°)	453.0	1.4			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G4
Type IV Short



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REPORT NUMBER: P1457223
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2
2.5°	7561.3	7540.1	7518.9	7533.0	7504.7	7497.6	7462.2	7448.1	7405.6	7398.5	7320.6
5°	7717.1	7674.6	7667.5	7681.7	7653.4	7653.4	7625.1	7603.8	7540.1	7504.7	7391.4
7.5°	7717.1	7710.0	7724.2	7773.7	7780.8	7780.8	7780.8	7787.9	7724.2	7674.6	7497.6
10°	7278.1	7207.3	7363.1	7610.9	7731.3	7802.1	7929.5	8007.4	7957.8	7922.4	7681.7
12.5°	5968.4	5975.4	6223.2	6754.2	7235.7	7441.0	7972.0	8255.2	8276.4	8219.8	7915.3
15°	5062.1	5097.5	5225.0	5607.3	6159.5	6463.9	7724.2	8474.6	8644.6	8587.9	8198.5
17.5°	4786.0	4807.3	4863.9	5083.4	5394.9	5642.7	7051.6	8616.2	9090.6	9019.8	8517.1
20°	4743.5	4757.7	4828.5	5012.6	5225.0	5366.6	6364.8	8503.0	9508.3	9480.0	8807.4
22.5°	4750.6	4764.8	4856.8	5111.7	5331.2	5451.5	6145.4	8241.0	9947.3	9975.6	9104.8
25°	4764.8	4771.9	4913.5	5253.3	5529.4	5678.1	6287.0	8007.4	10315.4	10556.1	9430.4
27.5°	4842.7	4863.9	5055.0	5437.4	5763.0	5933.0	6619.7	8085.2	10719.0	11214.6	9819.8
30°	5055.0	5069.2	5302.8	5699.3	6053.3	6230.3	7016.2	8396.8	11214.6	11894.2	10202.1
32.5°	5387.8	5402.0	5671.0	6081.6	6463.9	6676.3	7533.0	8991.5	11766.8	12609.3	10584.5
35°	5848.0	5855.1	6159.5	6598.5	7002.0	7242.7	8134.8	9664.1	12340.3	13218.2	10867.6
37.5°	6393.1	6442.7	6754.2	7214.4	7688.8	7908.2	8842.8	10449.9	12850.0	13735.0	11030.5
40°	7143.6	7157.8	7462.2	7908.2	8410.9	8623.3	9550.8	11193.3	13409.3	14039.4	11179.2
42.5°	7915.3	8035.7	8290.6	8786.2	9161.4	9331.3	10357.9	11873.0	13855.4	14053.6	11115.4
45°	8949.0	9041.0	9295.9	9734.9	10110.1	10308.3	11228.7	12496.0	14081.9	13933.2	10973.8
47.5°	10131.3	10188.0	10393.3	10789.8	11207.5	11349.1	12134.9	12850.0	14166.9	13848.3	10910.1
50°	11526.1	11526.1	11674.8	12014.6	12396.9	12595.1	12970.4	13062.4	14414.7	13699.6	11073.0
52.5°	12701.3	12758.0	12956.2	13437.7	13820.0	14046.5	13621.7	13388.1	13912.0	12871.3	11122.5
55°	13827.0	13890.8	14336.8	14938.6	15589.9	15837.7	14435.9	13225.3	12219.9	11660.6	10782.7
57.5°	14903.2	15037.7	15597.0	16772.3	17756.4	17735.1	15469.6	11766.8	9975.6	10322.5	10039.3
60°	16404.1	16545.7	17437.8	18917.5	20121.1	19618.4	15483.7	9791.5	7773.7	8241.0	8644.6
62.5°	17657.3	17898.0	19207.8	21671.6	22776.0	21990.2	14202.3	7497.6	5161.2	5748.9	6683.4
65°	17544.0	17862.6	19894.5	23696.4	25346.0	24616.8	12326.1	4743.5	2662.0	3929.3	4679.8
67°	16000.6	16347.5	18981.2	23767.2	26266.4	24708.9	10407.5	2867.4	1692.1	2725.8	3249.7
67.5°	15115.6	15625.3	18528.1	23632.7	26096.5	24319.5	9543.7	2400.1	1593.0	2534.6	2959.4
70°	9295.9	10117.2	13904.9	20892.8	23392.0	20354.7	5302.8	1359.3	1295.6	1699.2	2046.1
72.5°	2796.6	3044.4	5366.6	13402.3	17168.8	15087.3	2385.9	1047.8	1161.1	1366.4	1578.8
75°	1359.3	1451.4	2216.0	5479.8	8361.4	8318.9	1331.0	899.1	1076.1	1146.9	1246.1
77.5°	870.8	927.5	1380.6	3065.6	3830.2	3412.5	962.9	785.9	955.8	941.6	927.5
80°	545.2	573.5	885.0	1777.1	2824.9	2357.6	708.0	644.3	821.3	729.2	658.4
82.5°	354.0	389.4	566.4	1083.2	2017.8	1755.8	467.3	460.2	679.7	580.6	509.8
85°	233.6	262.0	361.1	637.2	1196.5	1253.1	304.4	318.6	523.9	439.0	389.4
87.5°	85.0	106.2	184.1	283.2	559.3	693.8	127.4	120.4	254.9	205.3	162.8
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: P1457223
CATALOG NUMBER: GLAN-SB8A-830-U-T4LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2	7285.2
2.5°	7306.5	7285.2	7186.1	7101.1	7037.4	6952.5	6860.4	6754.2	6683.4	6697.6	6676.3
5°	7341.9	7285.2	7094.1	6803.8	6520.6	6166.6	5713.5	5444.4	5239.1	5132.9	5161.2
7.5°	7419.7	7320.6	6917.1	6329.4	5593.1	4871.0	4424.9	4170.1	4049.7	4000.1	3993.1
10°	7554.3	7384.3	6690.5	5593.1	4630.3	4141.7	3978.9	3908.1	3893.9	3893.9	3886.9
12.5°	7717.1	7448.1	6308.2	4878.1	4170.1	3993.1	3964.7	3971.8	3993.1	4014.3	3978.9
15°	7915.3	7476.4	5833.8	4446.2	4078.0	4035.5	4078.0	4127.6	4163.0	4191.3	4155.9
17.5°	8113.6	7448.1	5387.8	4240.9	4092.2	4148.8	4233.8	4311.7	4332.9	4375.4	4347.1
20°	8255.2	7348.9	5005.5	4163.0	4127.6	4255.0	4361.2	4446.2	4488.7	4517.0	4488.7
22.5°	8361.4	7221.5	4729.4	4085.1	4127.6	4283.3	4410.8	4509.9	4559.5	4587.8	4552.4
25°	8453.4	7044.5	4517.0	3971.8	4042.6	4191.3	4332.9	4432.0	4502.8	4545.3	4524.1
27.5°	8566.7	6902.9	4318.7	3801.9	3865.6	4007.2	4155.9	4276.3	4410.8	4481.6	4467.4
30°	8694.1	6832.1	4127.6	3617.8	3660.3	3801.9	3978.9	4141.7	4325.8	4417.9	4417.9
32.5°	8842.8	6782.5	3950.6	3440.8	3476.2	3632.0	3801.9	3950.6	4148.8	4297.5	4290.4
35°	8906.5	6725.9	3809.0	3278.0	3348.8	3476.2	3610.7	3709.9	3915.2	4092.2	4106.3
37.5°	8970.2	6704.7	3738.2	3150.6	3207.2	3306.3	3377.1	3426.7	3617.8	3801.9	3809.0
40°	9048.1	6803.8	3787.7	3065.6	3016.0	3115.2	3150.6	3178.9	3278.0	3398.4	3398.4
42.5°	8998.6	6874.6	3901.0	2987.7	2782.4	2895.7	2909.8	2902.8	2909.8	2916.9	2909.8
45°	8871.1	6803.8	3901.0	2867.4	2534.6	2655.0	2647.9	2612.5	2555.8	2407.2	2385.9
47.5°	8842.8	6761.3	3752.3	2669.1	2286.8	2385.9	2400.1	2329.3	2166.4	2010.7	1961.1
50°	8963.2	6839.2	3518.7	2428.4	2074.4	2159.4	2194.8	2074.4	1890.3	1727.5	1699.2
52.5°	9140.2	6938.3	3178.9	2166.4	1897.4	1982.4	2024.9	1890.3	1699.2	1571.7	1557.6
55°	9118.9	6938.3	2796.6	1925.7	1762.9	1826.6	1897.4	1755.8	1607.1	1536.3	1529.3
57.5°	8658.7	6676.3	2513.4	1755.8	1635.5	1692.1	1784.1	1649.6	1508.0	1522.2	1543.4
60°	7759.6	5996.7	2301.0	1642.5	1522.2	1578.8	1677.9	1522.2	1338.1	1288.5	1288.5
62.5°	6393.1	4941.8	2131.0	1529.3	1416.0	1486.8	1536.3	1331.0	1210.7	1154.0	1154.0
65°	4793.1	3823.1	1954.1	1437.2	1323.9	1401.8	1345.2	1246.1	1125.7	1083.2	1090.3
67°	*3554.1*	*2966.5*	*1805.4*	*1359.3*	*1267.3*	*1302.7*	*1260.2*	*1189.4*	*1069.1*	*1033.7*	*1069.1*
67.5°	3193.0	2817.8	1770.0	1338.1	1253.1	1281.5	1239.0	1182.3	1054.9	1019.5	1054.9
70°	2194.8	2166.4	1578.8	1239.0	1175.3	1146.9	1168.2	1097.4	991.2	977.0	1012.4
72.5°	1670.9	1727.5	1416.0	1154.0	1090.3	1054.9	1104.5	1033.7	927.5	948.7	984.1
75°	1309.8	1394.7	1267.3	1033.7	991.2	998.3	1097.4	1069.1	984.1	1005.3	1012.4
77.5°	969.9	1125.7	1083.2	899.1	863.7	962.9	1239.0	1323.9	1175.3	1139.9	1090.3
80°	708.0	807.1	913.3	743.4	722.1	927.5	1529.3	1692.1	1451.4	1309.8	1274.4
82.5°	523.9	566.4	750.5	594.7	523.9	828.3	1699.2	1989.5	1727.5	1458.5	1416.0
85°	375.2	439.0	594.7	439.0	346.9	679.7	1663.8	1947.0	1713.3	1380.6	1345.2
87.5°	134.5	191.2	254.9	198.2	177.0	467.3	1373.5	1401.8	1069.1	488.5	495.6
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

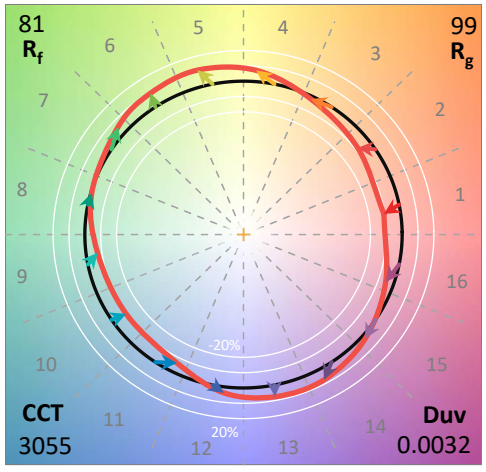
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
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-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

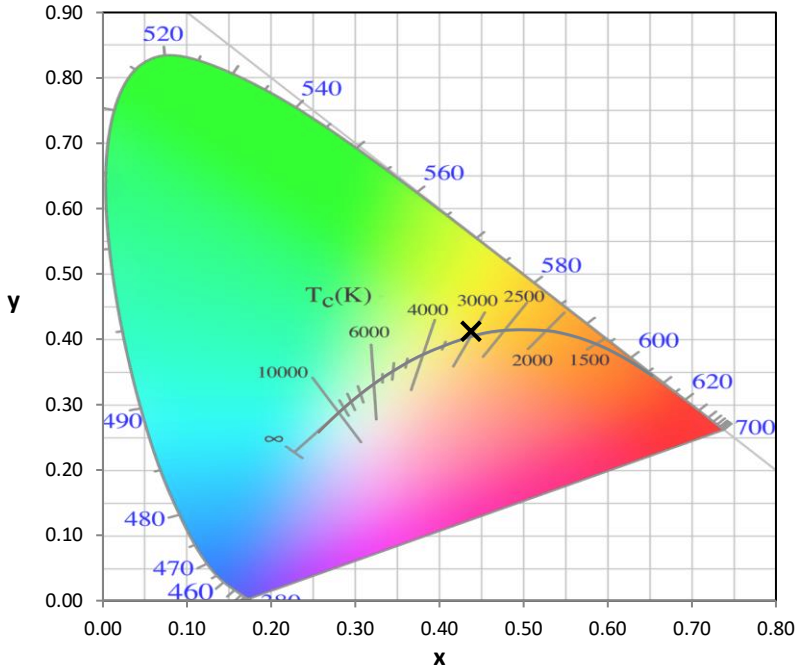
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

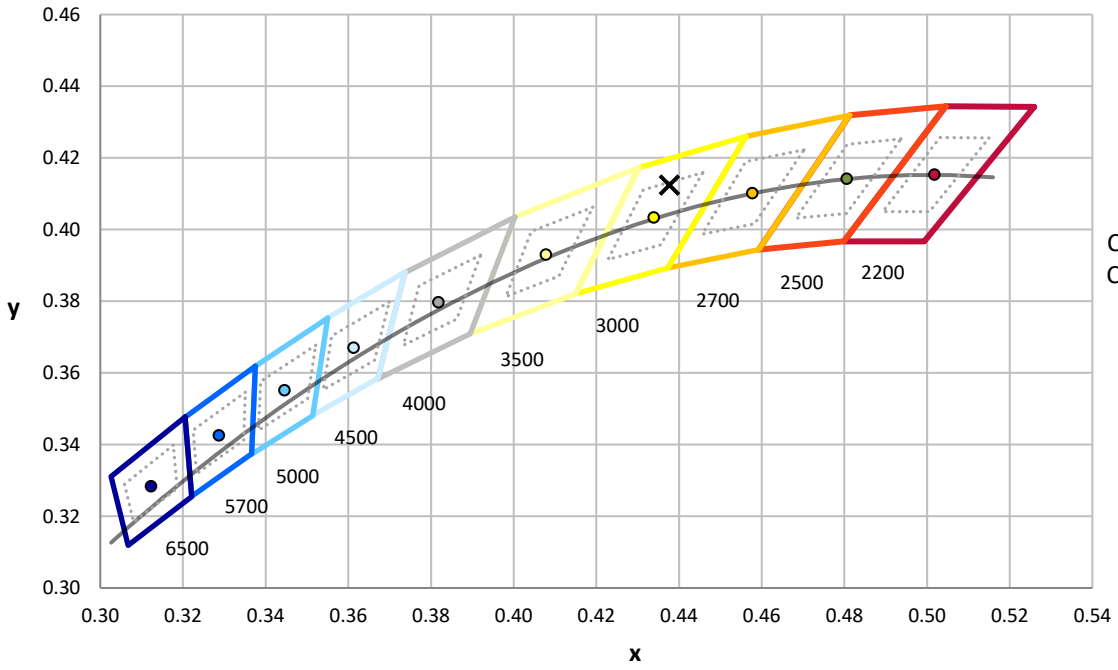
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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



CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

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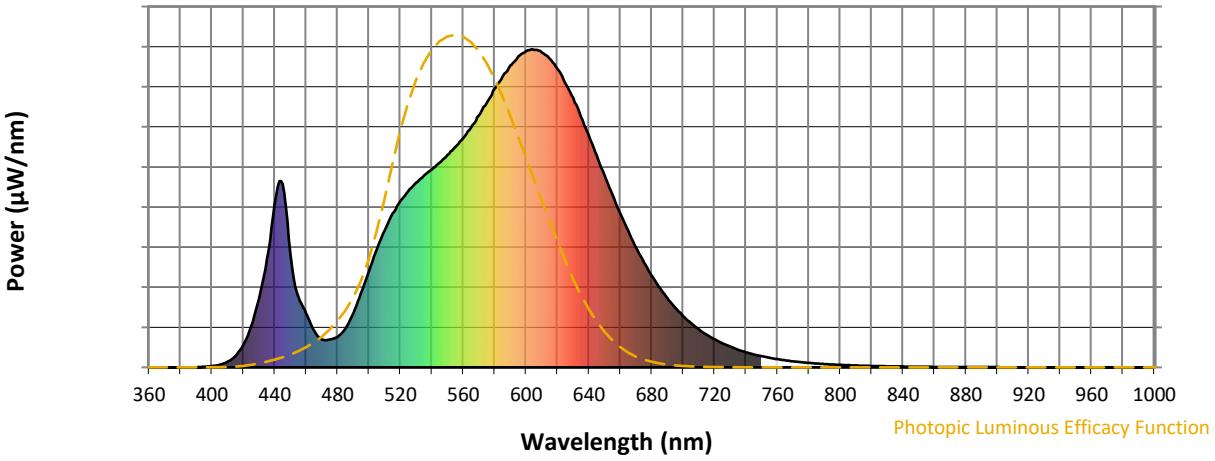
Photopic Flux vs. Wavelength



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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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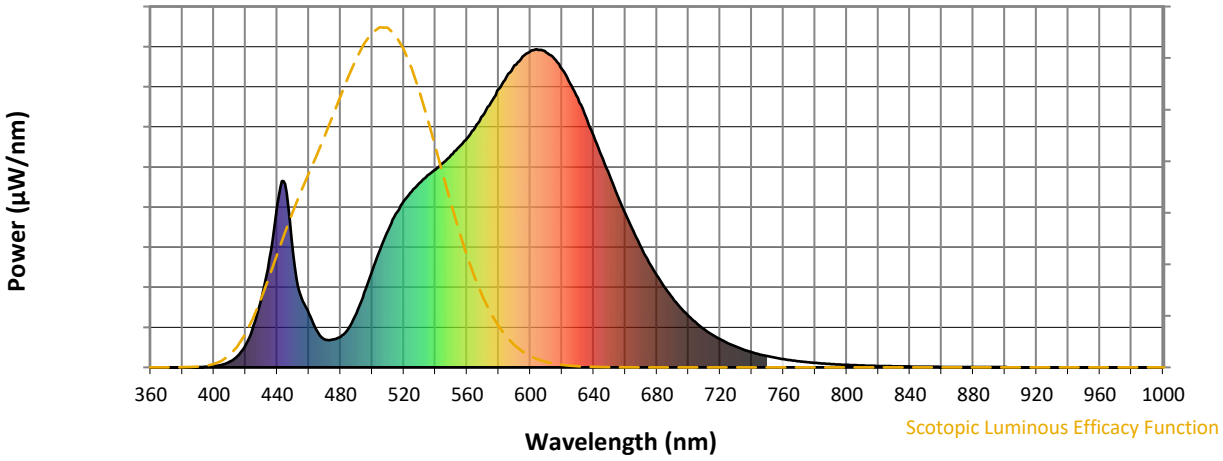
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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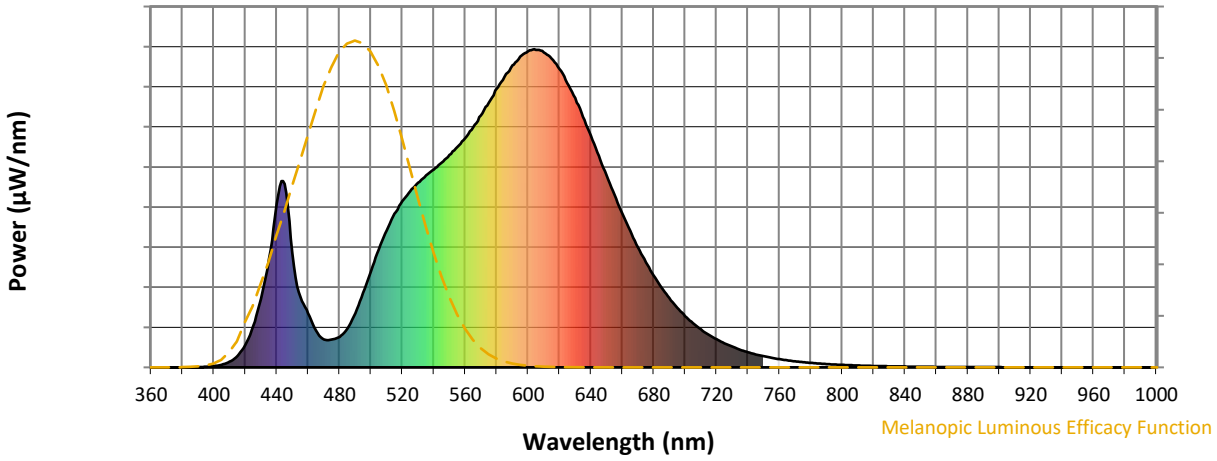
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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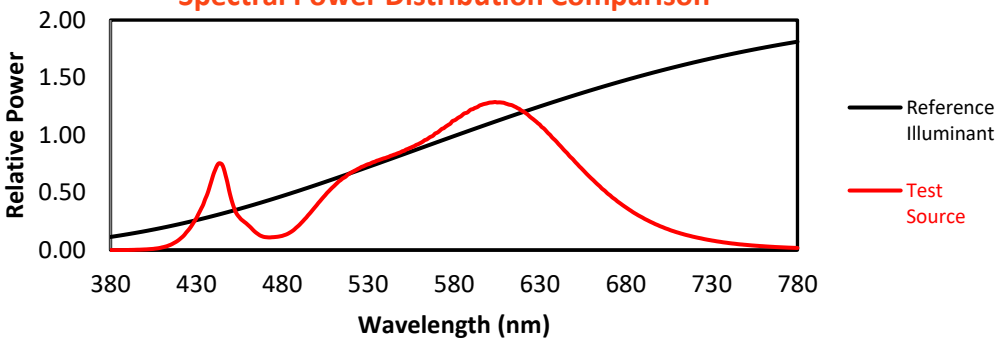
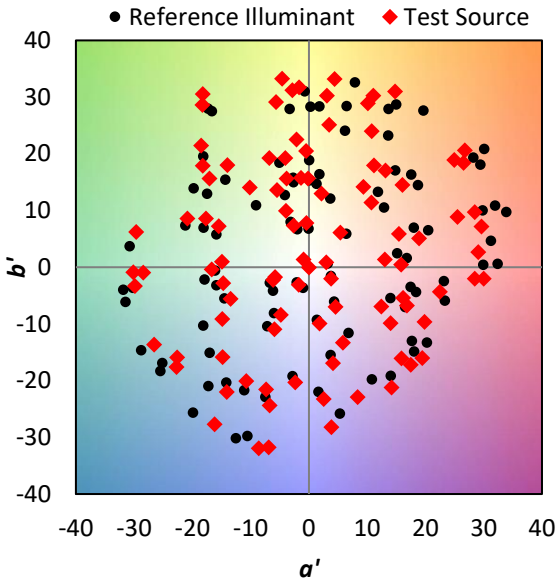
Summary

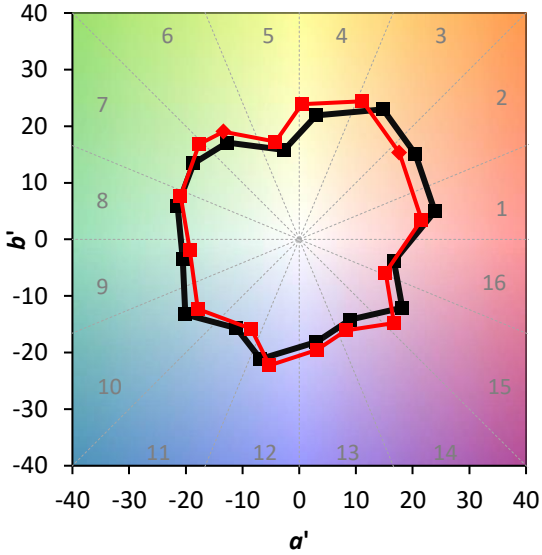
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

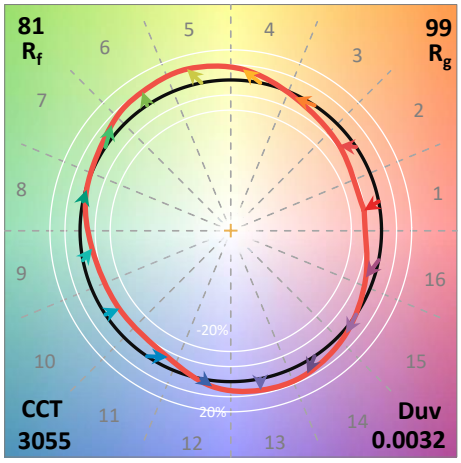
Spectral Power Distribution Comparison

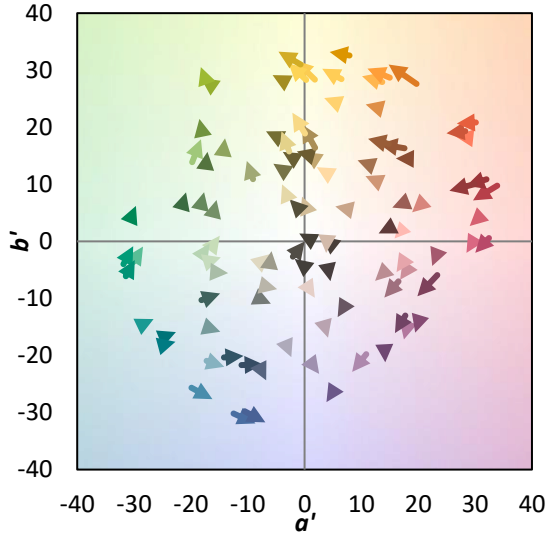


Color Vector Graphics









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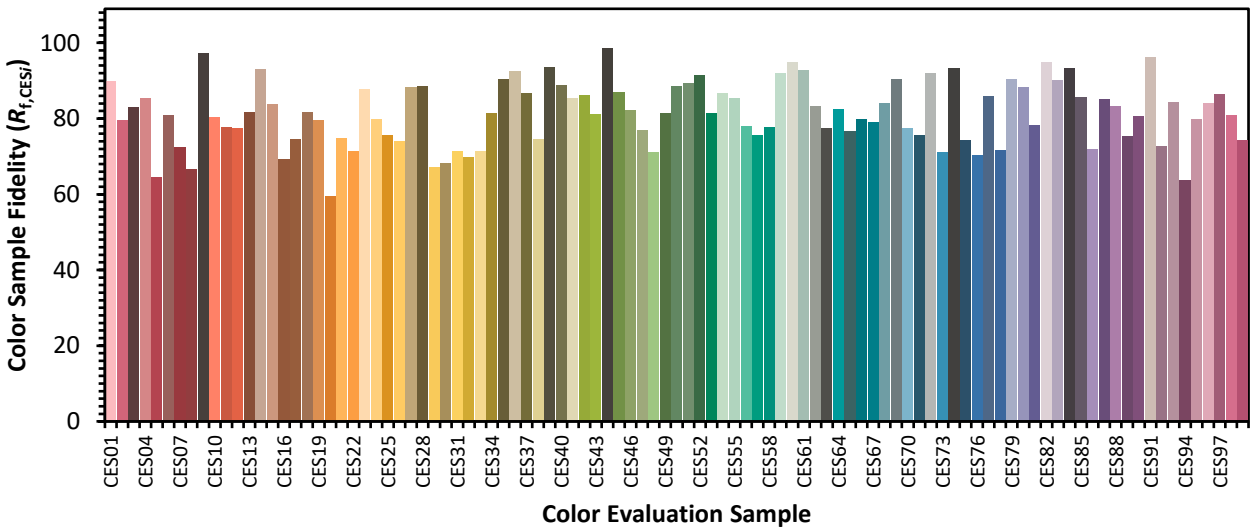
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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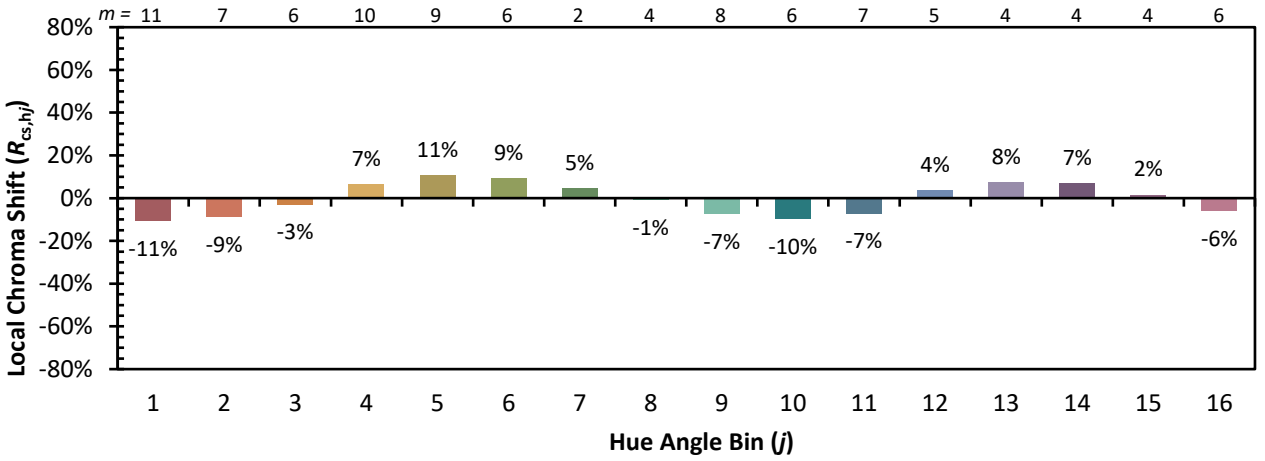
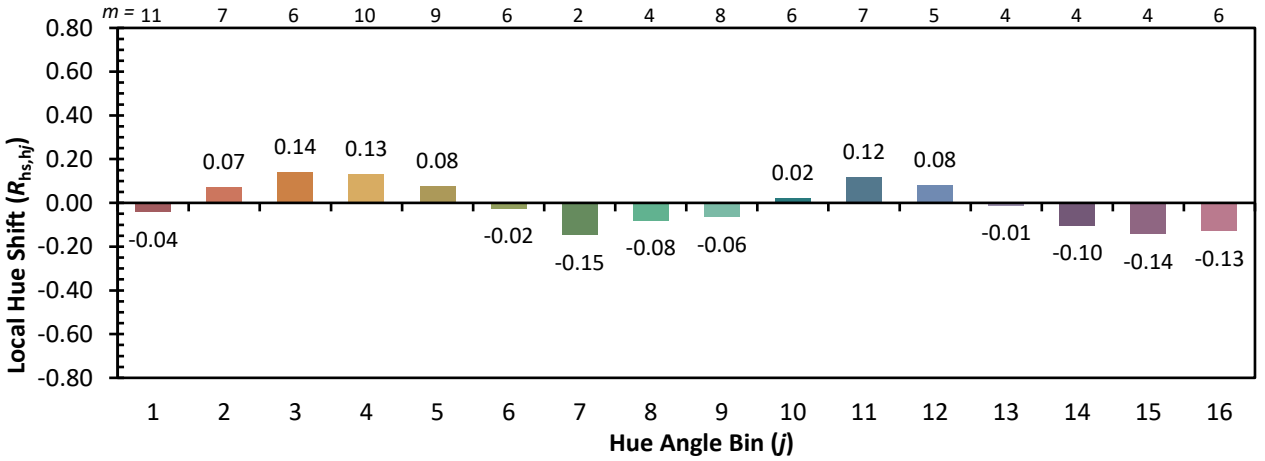
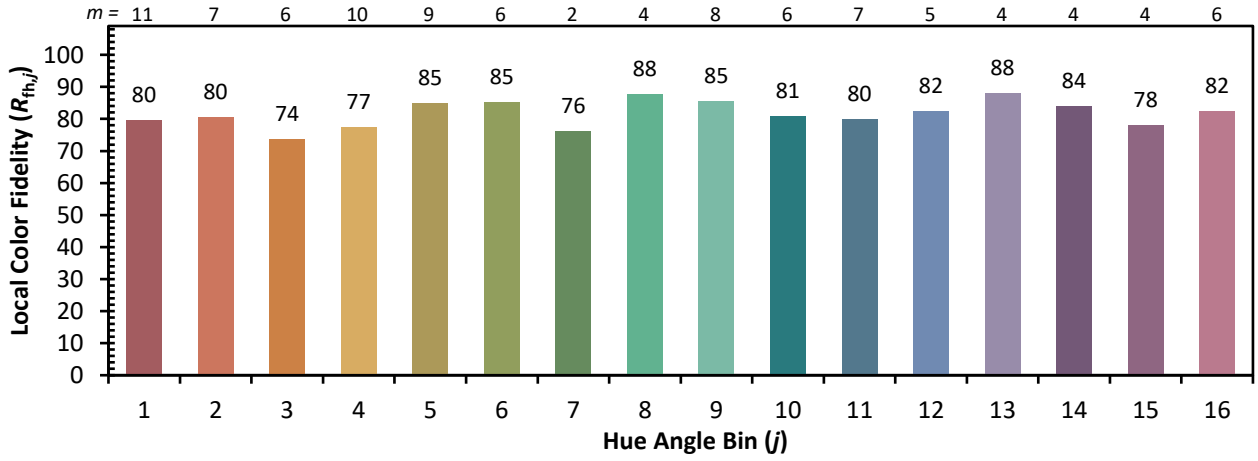
Color Rendition by Hue-Angle Bin







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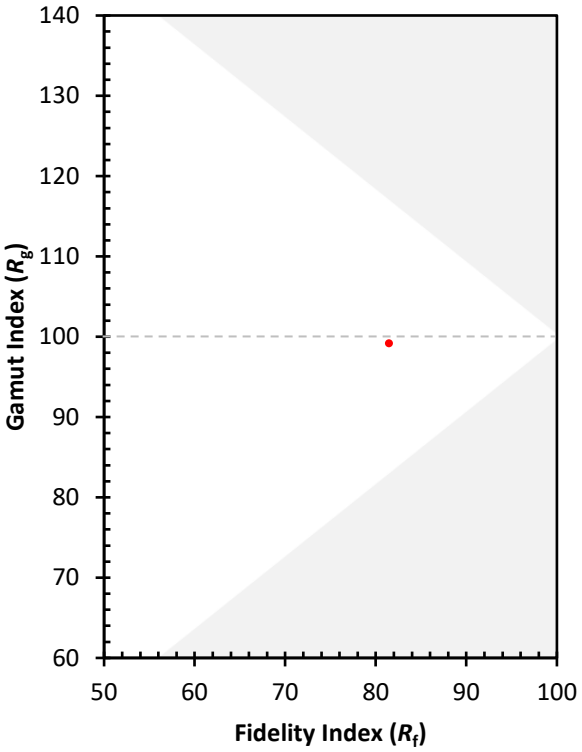
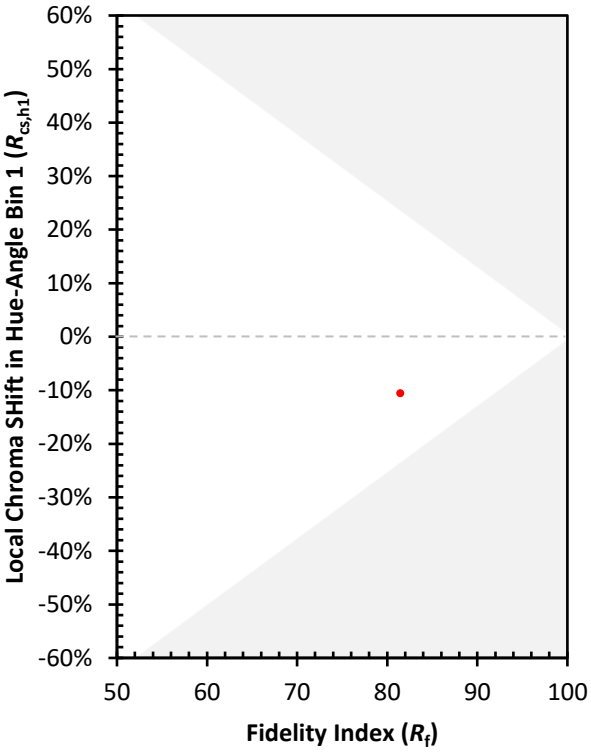
Measure Comparisons





(END OF REPORT)