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: P1456182

Luminaire Tested: GLAN-SB8D-850-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:	P1456182
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB8D-850-U-T2LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 8xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II LOW GLARE
Light Source:	(208) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	76134.1 lumens
Efficiency:	N/A
Efficacy:	130.2 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B5 - U0 - G5

Input Watts (W):	584.9
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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Scaled Data Report

REPORT NUMBER: P1456182
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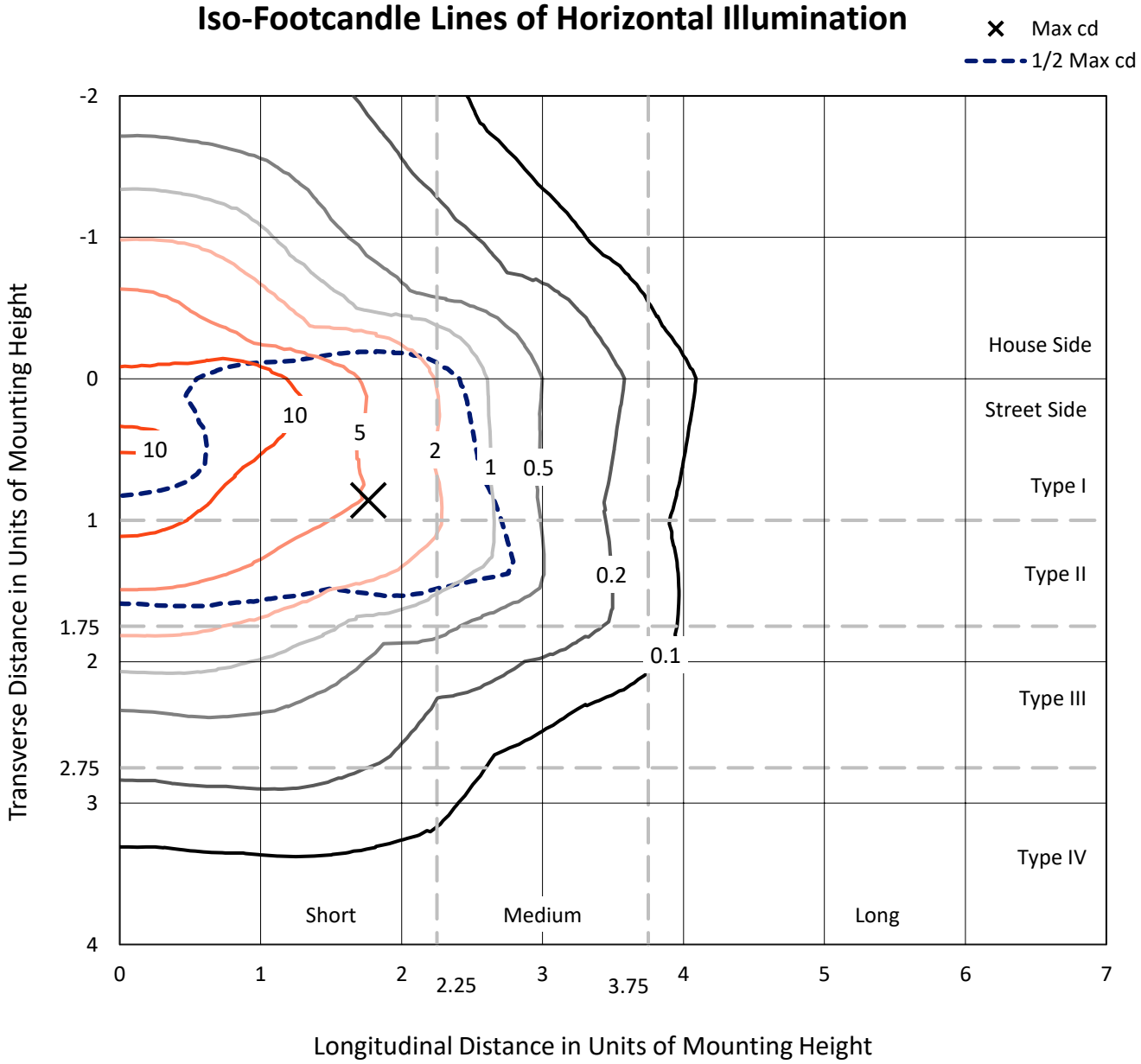
Iso-Footcandle Lines of Horizontal Illumination



Based on 30 foot mounting height. Maximum calculated value = 19.9 fc
Type II - Short - N/A

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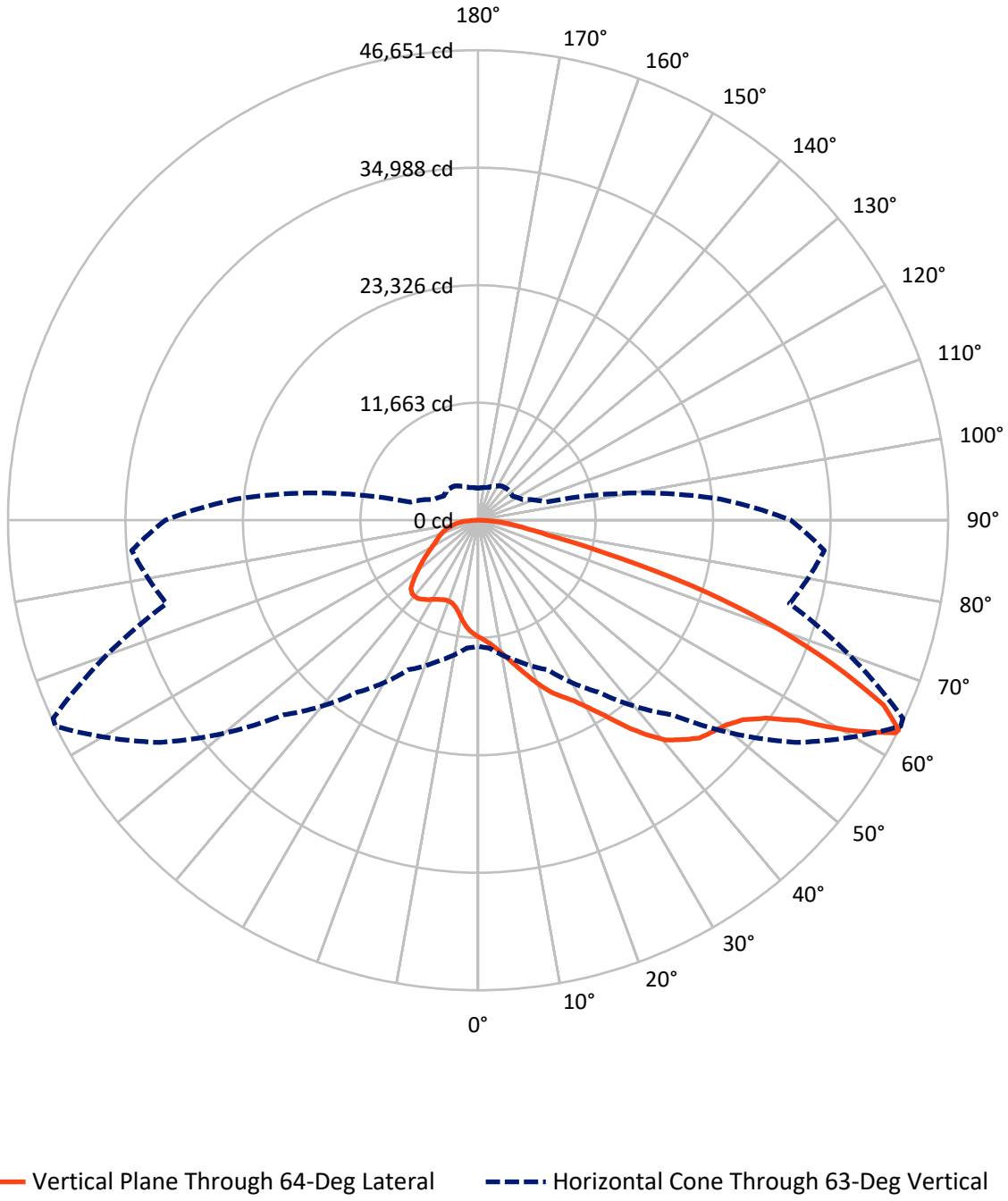
Luminous Intensity Polar Plot



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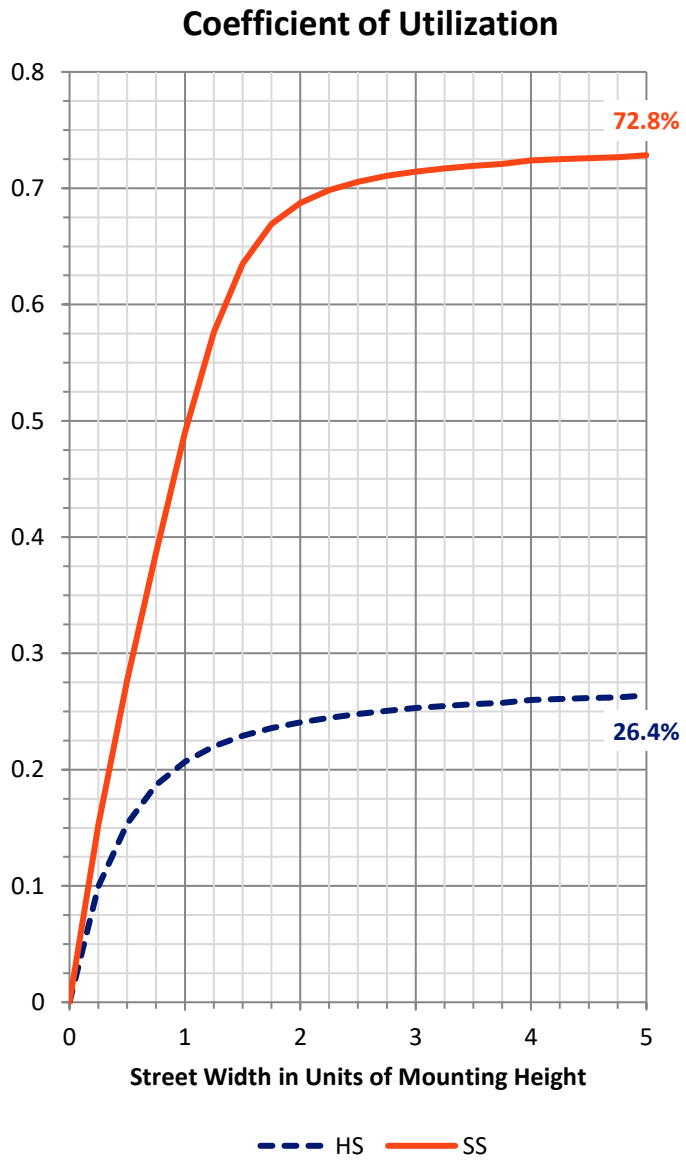
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20455.1	0.0	20455.1
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	55679.0	0.0	55679.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	76134.1	0.0	76134.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1064.5	1.4
10°-20°	3277.2	4.3
20°-30°	5992.8	7.9
30°-40°	10308.6	13.5
40°-50°	15202.4	20.0
50°-60°	18221.0	23.9
60°-70°	14624.2	19.2
70°-80°	5876.4	7.7
80°-90°	1566.9	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°	76134.1	100.0
0°-180°	76134.1	100.0



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REPORT NUMBER: P1456182
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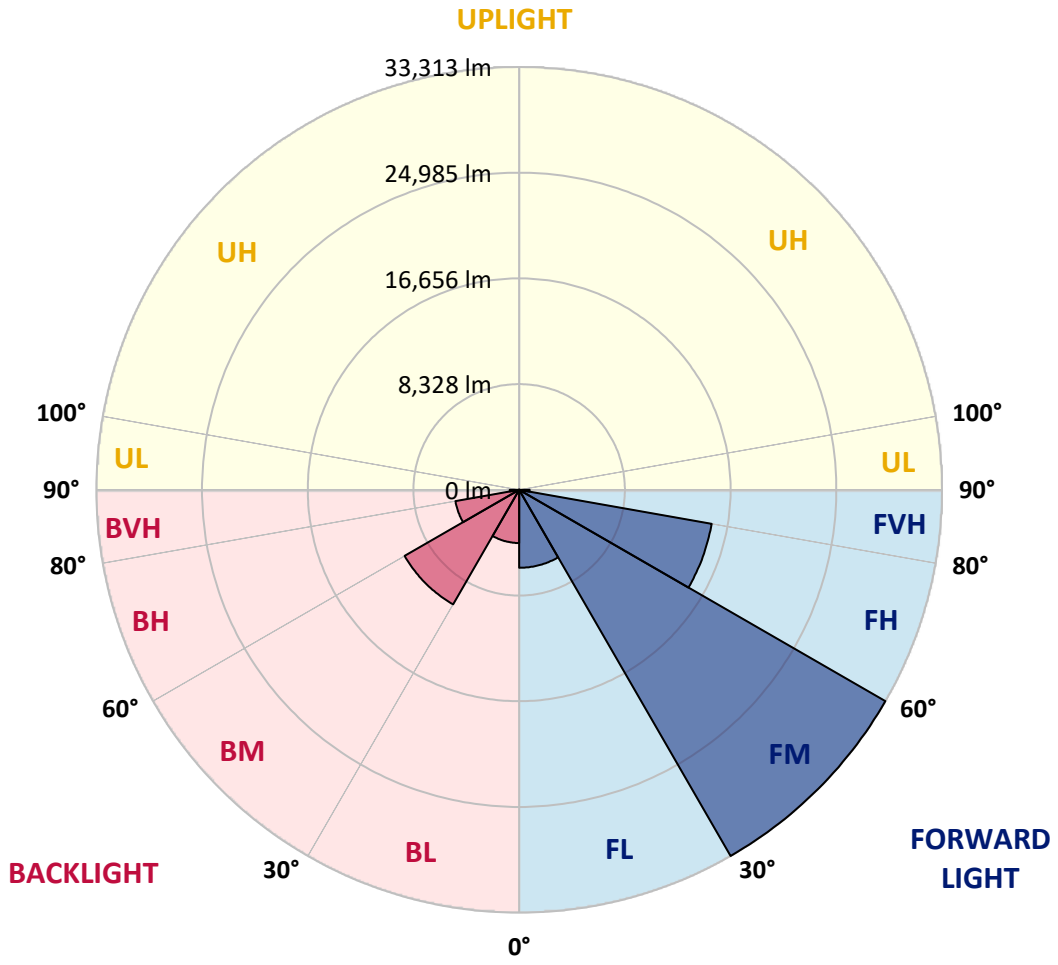
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	6142.6	8.1			
FM	(30°-60°)	33312.7	43.8			
FH	(60°-80°)	15400.5	20.2			G5
FVH	(80°-90°)	823.3	1.1			G5
BL	(0°-30°)	4192.0	5.5	B4/5000		
BM	(30°-60°)	10419.4	13.7	B5		
BH	(60°-80°)	5100.1	6.7	B5		G5
BVH	(80°-90°)	743.7	1.0			G4/750
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B5-U0-G5
Type II Short



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REPORT NUMBER: P1456182
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	*11594.4*	11594.4	11594.4	11594.4
2.5°	12073.2	12090.3	12039.0	12021.9	12056.1	11987.7	11970.6	*11902.2*	11868.0	11799.6	11714.1
5°	12415.2	12432.3	12398.1	12398.1	12432.3	12381.0	12363.9	*12295.5*	12261.3	12192.9	12021.9
7.5°	12398.1	12415.2	12449.4	12586.2	12757.2	12825.6	12876.9	*12825.6*	12808.5	12705.9	12534.9
10°	12124.5	12141.6	12227.1	12432.3	12859.8	13167.6	13492.5	*13492.5*	13526.7	13441.2	13133.4
12.5°	11748.3	11765.4	11970.6	12295.5	12859.8	13389.9	14056.9	*14330.5*	14313.4	14262.1	13903.0
15°	10841.9	10841.9	11149.7	11765.4	12671.7	13543.8	14535.7	*15271.0*	15288.1	15339.4	14911.9
17.5°	10072.4	10089.5	10346.0	10893.2	12073.2	13458.3	15048.7	*16314.2*	16365.5	16656.2	16040.6
20°	10140.8	10140.8	10226.3	10465.7	11423.3	13116.3	15339.4	*17425.7*	17596.7	18280.8	17511.2
22.5°	10670.9	10670.9	10739.3	10722.2	11303.6	12894.0	15527.5	*18537.3*	18845.1	20264.5	19272.6
25°	11645.7	11628.6	11560.1	11457.5	11799.6	13133.4	15955.1	*19392.3*	19990.8	22453.4	21307.6
27.5°	12842.7	12808.5	12705.9	12534.9	12774.3	13851.7	16690.4	*20298.7*	20948.5	24847.5	23462.3
30°	14330.5	14227.9	14125.3	13903.0	14159.5	15031.6	17784.8	*21581.2*	22196.9	27566.5	26061.6
32.5°	16091.9	16211.6	15869.6	15561.7	15835.4	16639.1	19409.4	*23103.2*	23770.1	30405.2	28763.6
35°	18725.4	19084.5	18981.9	17425.7	17682.2	18571.5	21307.6	*25069.8*	25668.3	32987.5	31533.9
37.5°	21324.7	21239.2	21324.7	20025.1	19614.6	20692.0	23342.6	*26950.9*	27532.3	35090.9	33979.3
40°	23411.0	23667.5	23667.5	22607.3	22077.1	22795.4	25189.5	*28678.1*	29242.4	36253.7	35740.7
42.5°	25685.4	25719.6	25651.2	24727.8	24522.6	24710.7	26814.1	*29772.5*	30234.2	36852.2	36937.8
45°	28250.5	28233.4	27942.7	27173.2	26865.4	26694.4	27823.0	*30832.8*	31294.5	37125.9	37587.6
47.5°	30371.0	30456.5	30473.6	29652.8	29139.8	28404.4	28695.2	*31362.9*	31893.0	36818.0	37724.4
50°	30490.7	30627.6	31277.4	31516.8	31414.2	30234.2	29498.9	*31927.2*	32457.3	36886.5	38220.3
52.5°	29738.3	29875.1	30713.1	31704.9	32902.0	32337.6	30764.4	*32902.0*	33449.2	37553.4	39349.0
55°	27720.4	27942.7	29191.1	30576.3	32713.9	33517.6	33004.6	*34663.3*	35176.4	38083.5	40665.7
57.5°	24129.2	24402.9	26130.0	28336.0	31260.3	33244.0	36253.7	*37485.0*	37912.5	38459.7	40682.8
60°	18041.4	18263.7	20965.6	23941.1	28336.0	31533.9	38186.1	*42324.5*	42563.9	36424.7	38374.2
62.5°	13287.3	13509.6	15322.3	17459.9	22265.3	28387.3	38562.3	*46514.2*	46548.4	32748.1	35193.5
63°	*12517.8*	*12740.1*	*14381.8*	*16382.6*	*20828.8*	*27327.1*	*38442.6*	*46651.0*	*46531.3*	*31995.6*	*34492.3*
65°	9747.5	10140.8	11850.9	13372.8	15613.0	21752.2	36903.6	*44222.7*	44393.7	29772.5	30969.6
67.5°	6635.1	6925.8	9097.6	10859.0	11799.6	13851.7	30268.4	*37844.1*	38117.7	27463.9	24710.7
70°	5130.2	5267.1	6532.5	8601.7	9542.3	8806.9	19734.3	*30473.6*	30473.6	21444.4	17511.2
72.5°	4018.7	4070.0	4925.0	6720.6	7678.3	6771.9	10995.8	*22162.7*	21341.8	12723.0	11679.9
75°	2872.9	2941.3	3710.9	5010.5	6122.1	5335.5	7028.4	*12911.1*	12415.2	7319.1	7798.0
77.5°	2274.4	2308.6	2770.3	3693.8	4959.2	4070.0	5352.6	*7045.5*	6977.1	5147.3	5010.5
80°	1795.6	1864.0	2171.8	2650.6	3830.6	3180.8	3984.5	*4651.4*	4514.6	3539.9	3215.0
82.5°	1282.6	1402.3	1675.9	2017.9	2838.7	2274.4	2616.4	*3283.4*	3283.4	2667.7	2120.5
85°	786.6	889.2	991.8	1248.4	2017.9	1470.7	1385.2	*2120.5*	2171.8	2000.8	1368.1
87.5°	376.2	410.4	478.8	530.1	735.3	666.9	547.2	*803.7*	820.8	889.2	564.3
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: P1456182
CATALOG NUMBER: GLAN-SB8D-850-U-T2LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4	11594.4
2.5°	11697.0	11662.8	11491.7	11320.7	11132.6	10961.6	10790.6	10653.8	10499.9	10534.1	10551.2
5°	11919.3	11833.8	11457.5	11012.9	10431.5	9884.3	9354.1	8977.9	8738.5	8670.1	8533.3
7.5°	12398.1	12192.9	11508.8	10568.3	9491.0	8635.9	8140.0	7917.7	7849.3	7866.4	7832.2
10°	12945.3	12637.5	11577.2	10038.2	8670.1	8088.7	8020.3	8157.1	8225.5	8293.9	8311.0
12.5°	13663.5	13167.6	11543.0	9456.7	8276.8	8174.2	8430.7	8687.2	8841.1	8943.7	8926.6
15°	14501.5	13834.6	11440.4	8977.9	8225.5	8499.1	8824.0	9114.7	9302.8	9405.4	9354.1
17.5°	15510.4	14621.2	11320.7	8670.1	8379.4	8704.3	9046.3	9337.0	9542.3	9610.7	9559.4
20°	16758.8	15510.4	11115.5	8533.3	8499.1	8789.8	9097.6	9371.2	9542.3	9610.7	9542.3
22.5°	18229.5	16570.7	10944.5	8533.3	8550.4	8789.8	9012.1	9217.3	9371.2	9422.5	9337.0
25°	20110.6	17801.9	10876.1	8670.1	8567.5	8704.3	8824.0	8943.7	9029.2	9063.4	9029.2
27.5°	22025.8	19221.3	10910.3	8841.1	8550.4	8584.6	8584.6	8601.7	8618.8	8635.9	8618.8
30°	24231.9	20657.8	11047.1	9063.4	8584.6	8413.6	8362.3	8259.7	8174.2	8105.8	8037.4
32.5°	26369.5	22025.8	11286.5	9388.3	8550.4	8225.5	8122.9	7866.4	7627.0	7421.8	7421.8
35°	28678.1	23445.2	11714.1	9627.8	8516.2	8054.5	7763.8	7473.1	7216.5	6925.8	6925.8
37.5°	30661.8	24659.4	12056.1	9901.4	8482.0	7849.3	7387.6	7062.6	6789.0	6498.3	6464.1
40°	32046.9	25360.5	12261.3	10004.0	8362.3	7575.7	7028.4	6618.0	6224.7	5831.4	5814.3
42.5°	32713.9	25326.3	12141.6	9969.8	8140.0	7233.6	6720.6	6173.4	5643.3	5284.2	5249.9
45°	33073.0	25104.0	11679.9	9679.1	7780.9	6874.5	6327.3	5745.9	5215.7	4890.8	4822.4
47.5°	33004.6	24556.8	11047.1	8960.8	7302.0	6481.2	5934.0	5335.5	4907.9	4719.8	4719.8
50°	33192.7	24129.2	10328.9	8140.0	6652.2	6019.5	5574.9	5027.6	4771.1	4531.7	4446.2
52.5°	34030.6	24488.4	9713.3	7370.4	6036.6	5574.9	5267.1	4805.3	4480.4	4326.5	4275.2
55°	35142.2	25257.9	9131.8	6686.4	5438.1	5181.5	5027.6	4600.1	4223.9	4070.0	3984.5
57.5°	35347.4	25788.0	8567.5	6019.5	4942.1	4873.7	4822.4	4241.0	3933.2	3813.5	3745.1
60°	33928.0	25394.7	7832.2	5421.0	4548.8	4583.0	4446.2	4018.7	3659.6	3539.9	3471.5
62.5°	31516.8	24368.7	7096.8	4907.9	4241.0	4309.4	4172.6	3745.1	3386.0	3266.3	3232.1
63°	*31038.0*	*24095.0*	*6925.8*	*4856.6*	*4172.6*	*4258.1*	*4138.4*	*3710.9*	*3351.8*	*3232.1*	*3180.8*
65°	28182.1	22453.4	6327.3	4583.0	3950.3	3950.3	3967.4	3539.9	3232.1	3180.8	3146.5
67.5°	22983.5	18742.5	5677.5	4258.1	3710.9	3762.2	3847.7	3608.3	3488.6	3454.4	3420.2
70°	17374.4	14108.2	5113.1	3950.3	3454.4	3625.4	4206.8	4104.2	3659.6	3351.8	3283.4
72.5°	12312.6	9610.7	4617.2	3642.5	3146.5	3574.1	4360.7	3916.1	3300.5	2941.3	2872.9
75°	8242.6	6190.5	4121.3	3317.6	2804.5	3300.5	4121.3	3574.1	2872.9	2787.4	2684.8
77.5°	5181.5	4412.0	3625.4	2941.3	2428.3	2941.3	3745.1	3180.8	2479.6	2513.8	2359.9
80°	3163.7	3146.5	3043.9	2496.7	1949.5	2342.8	3146.5	2684.8	1983.7	1983.7	1761.4
82.5°	1881.1	2274.4	2582.2	2069.2	1419.4	1675.9	2274.4	2017.9	1658.8	1607.5	1504.9
85°	1265.5	1539.1	2052.1	1590.4	906.3	1026.0	1573.3	1693.0	1522.0	1333.9	1248.4
87.5°	461.7	615.6	940.5	649.8	393.3	615.6	1180.0	1231.3	923.4	718.2	649.8
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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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

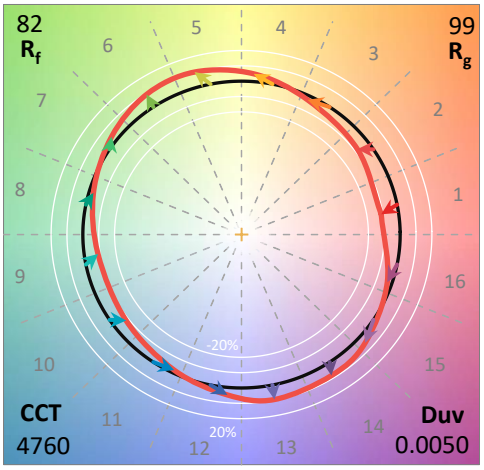
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

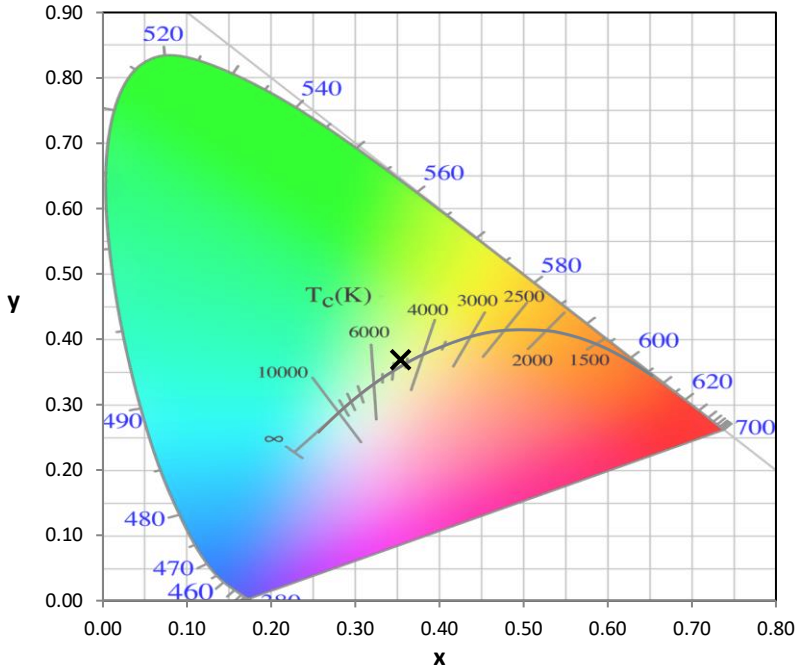
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

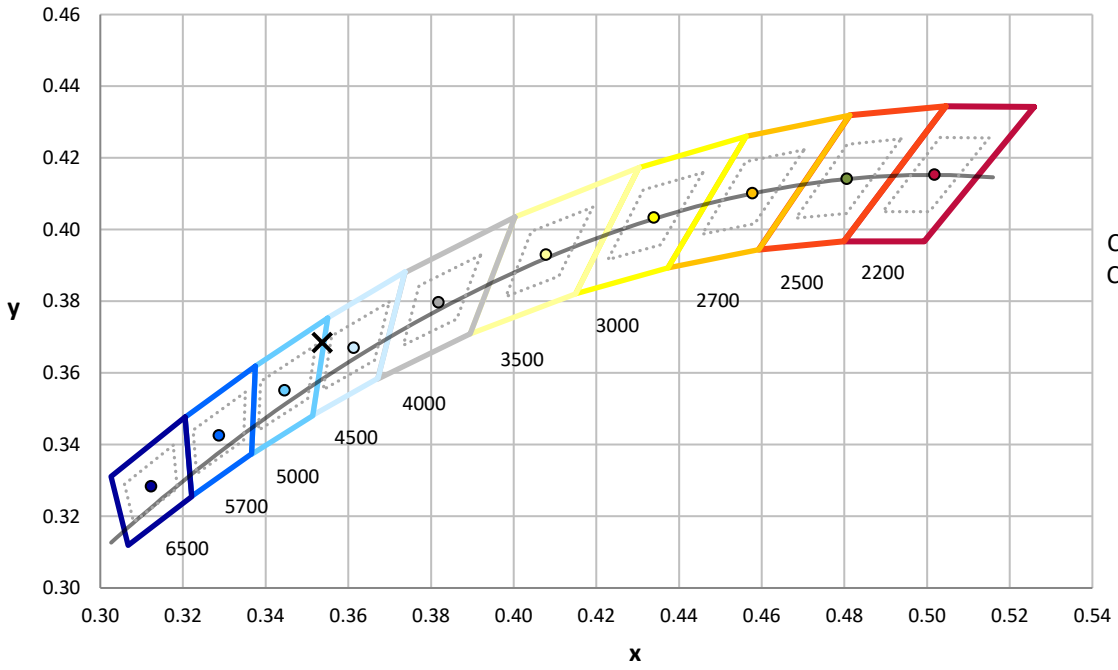
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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



CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

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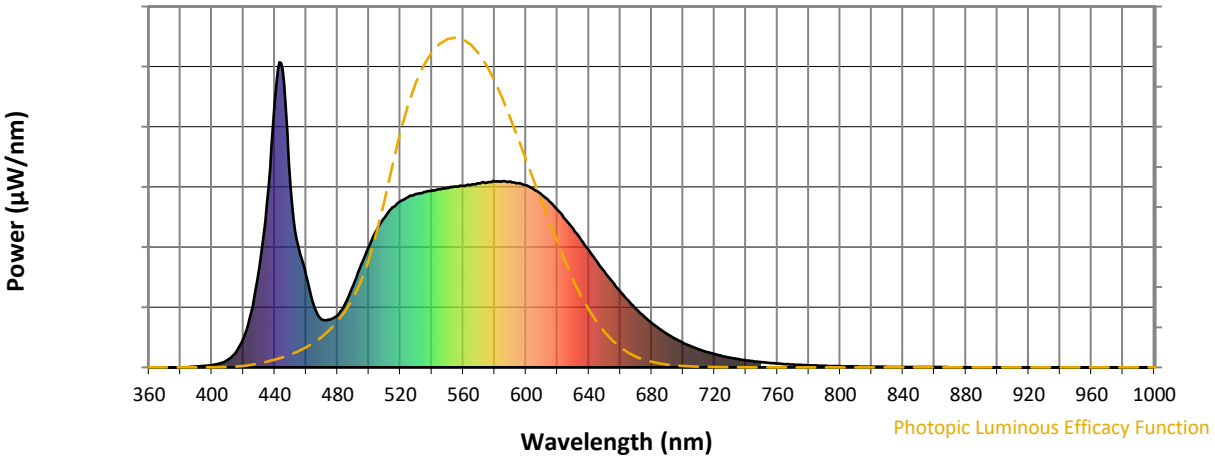
Photopic Flux vs. Wavelength



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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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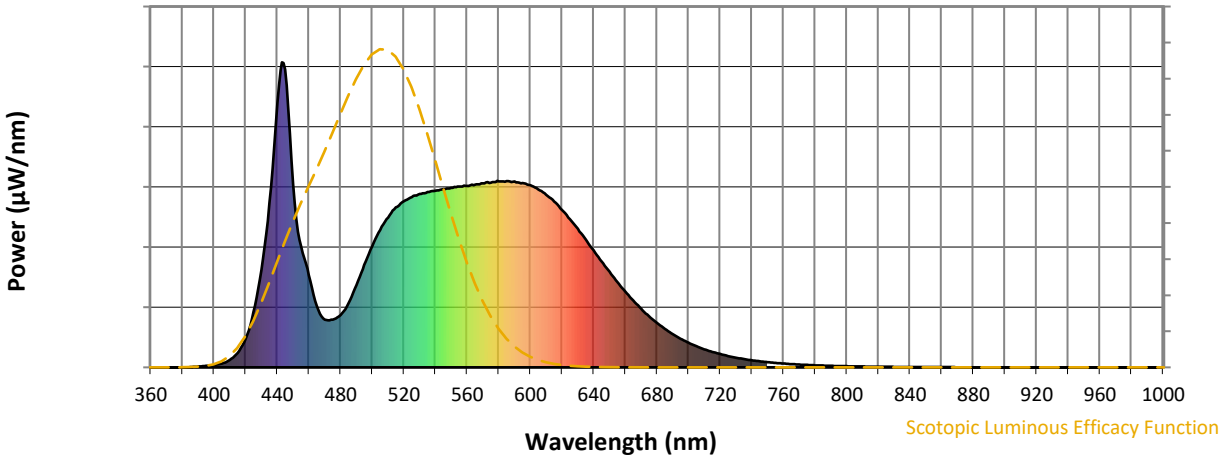
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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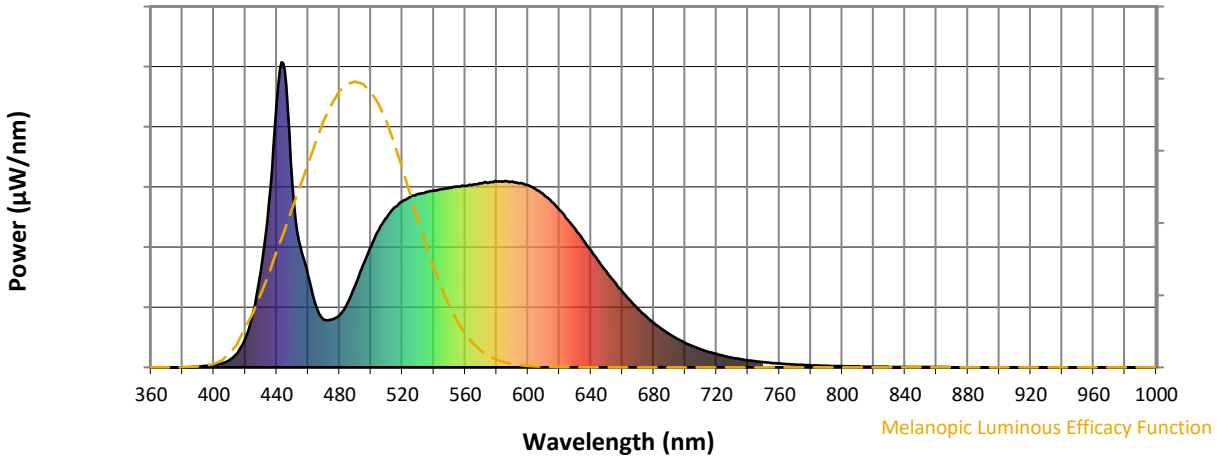
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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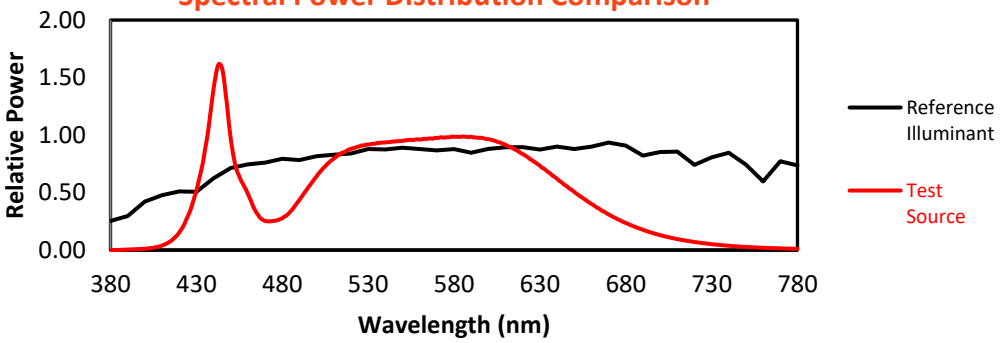
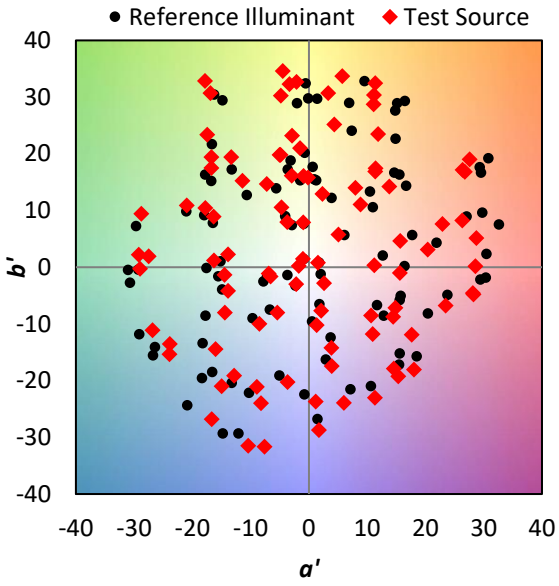
Summary

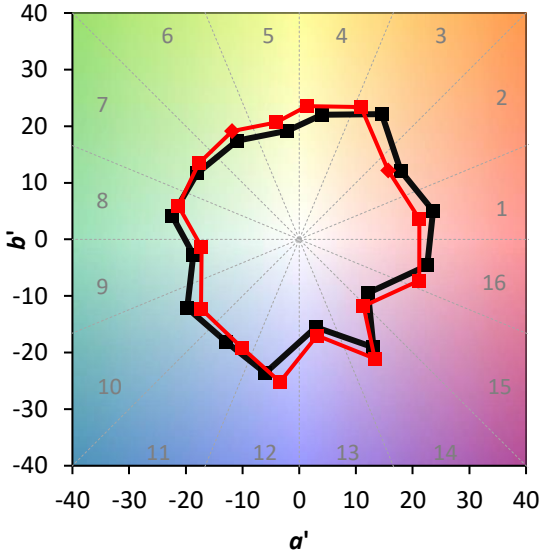
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

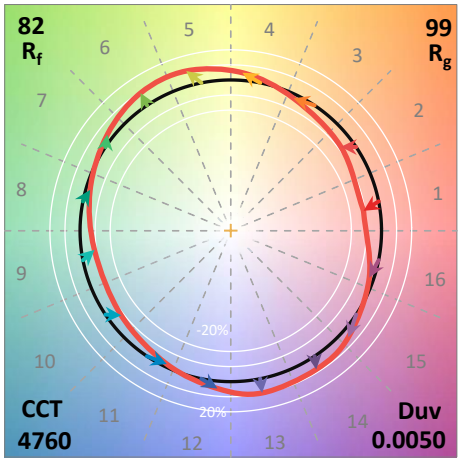
Spectral Power Distribution Comparison

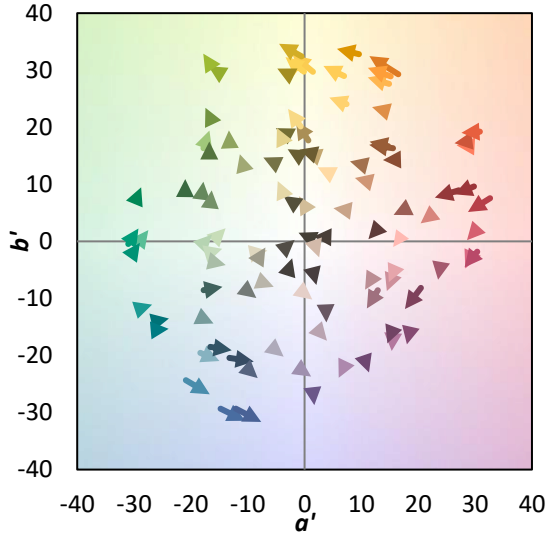


Color Vector Graphics









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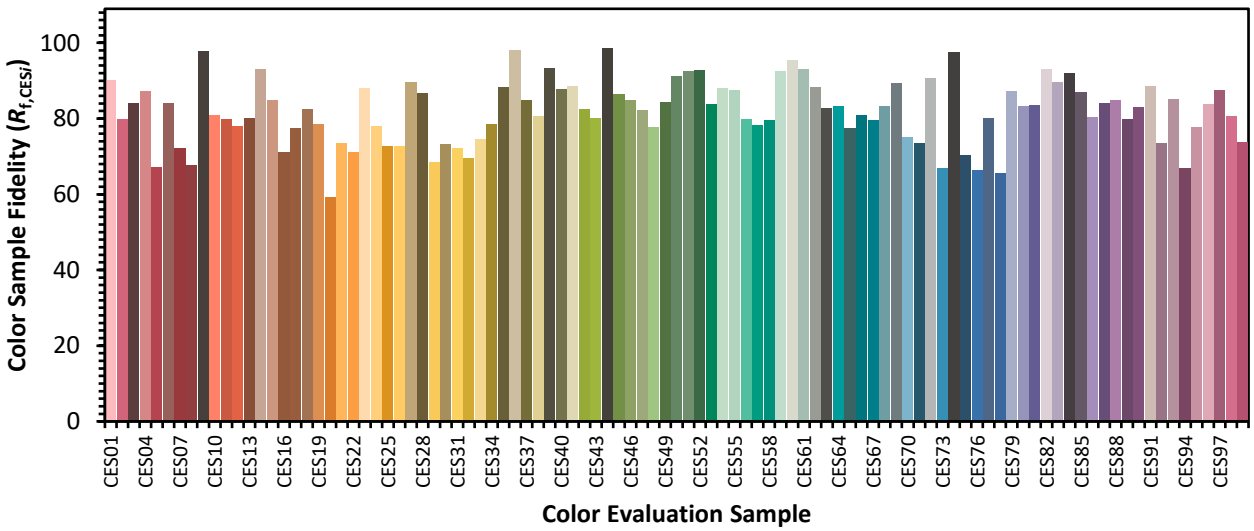
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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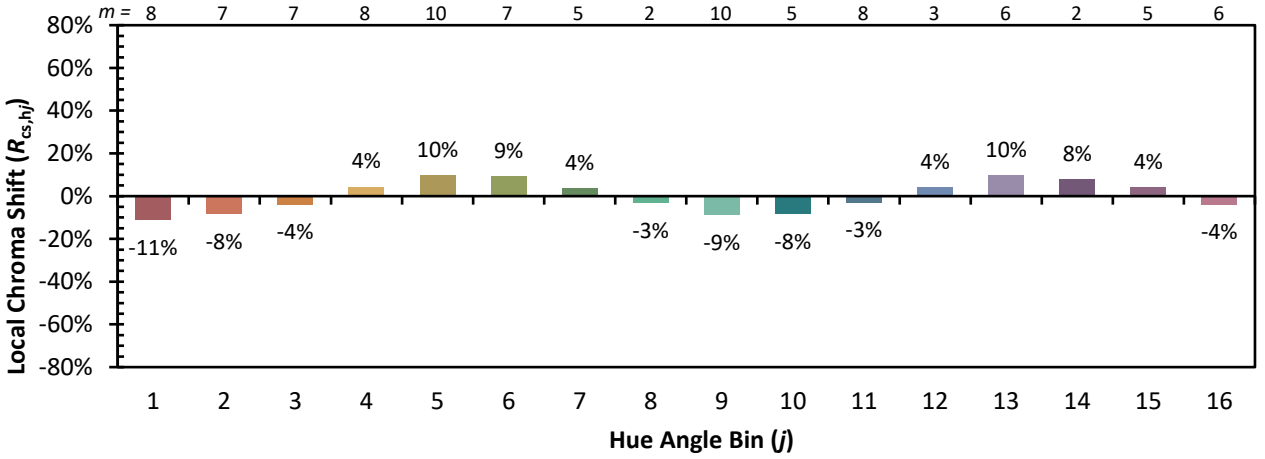
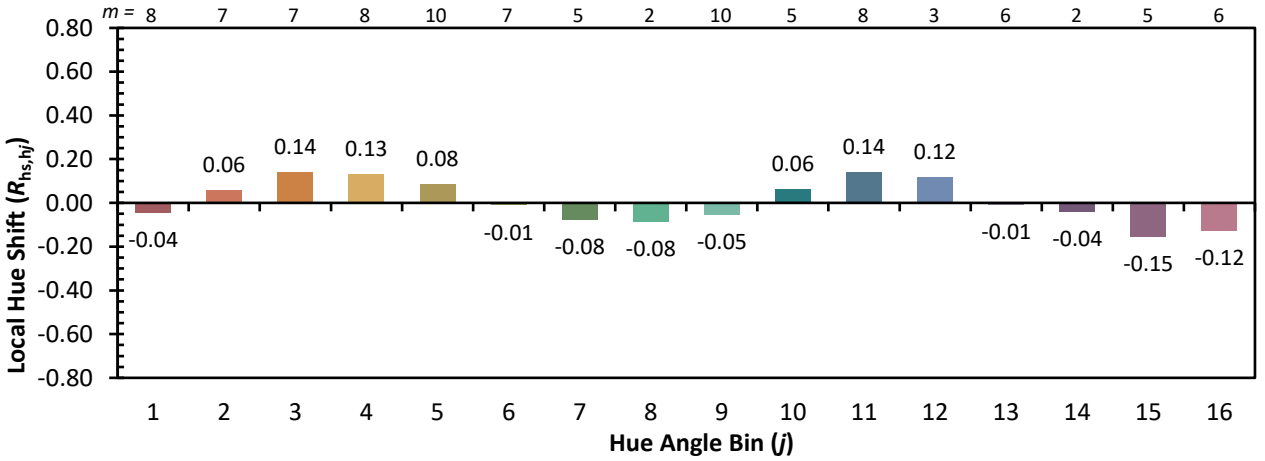
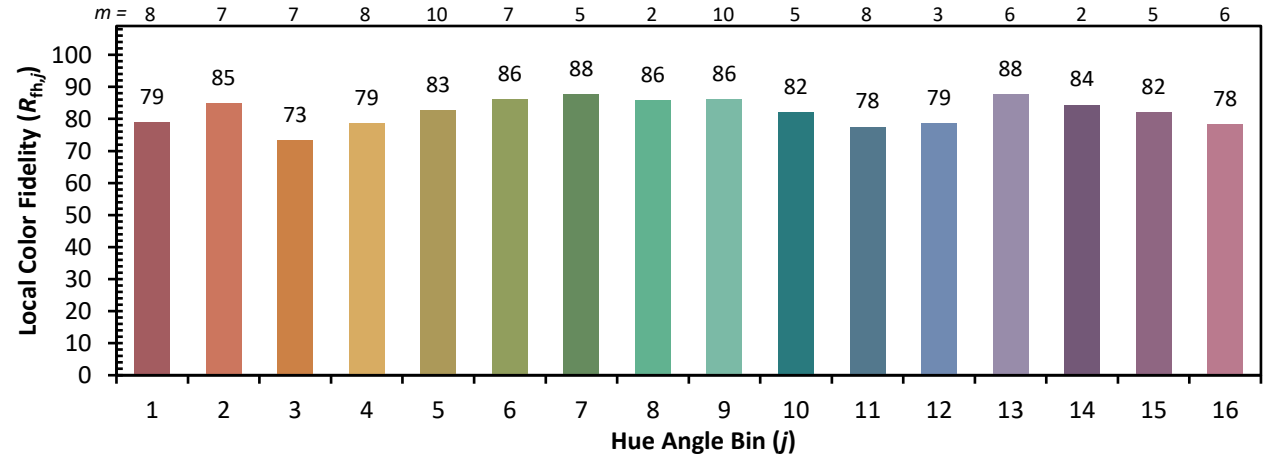
Color Rendition by Hue-Angle Bin







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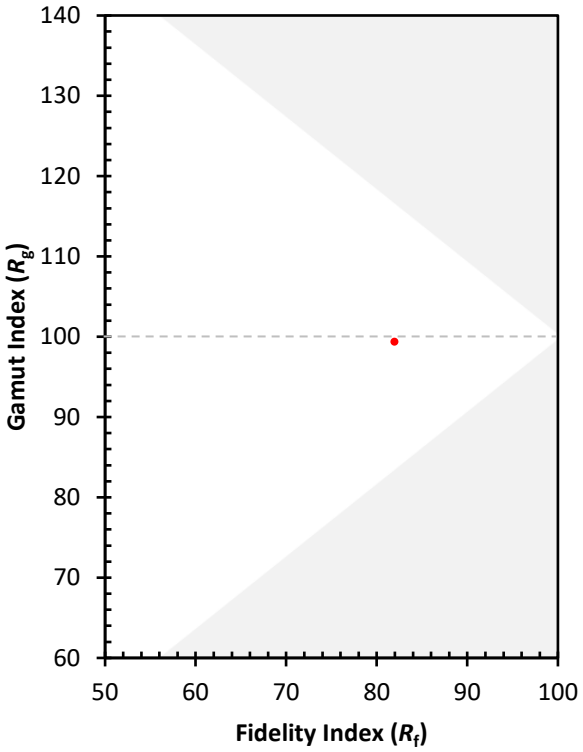
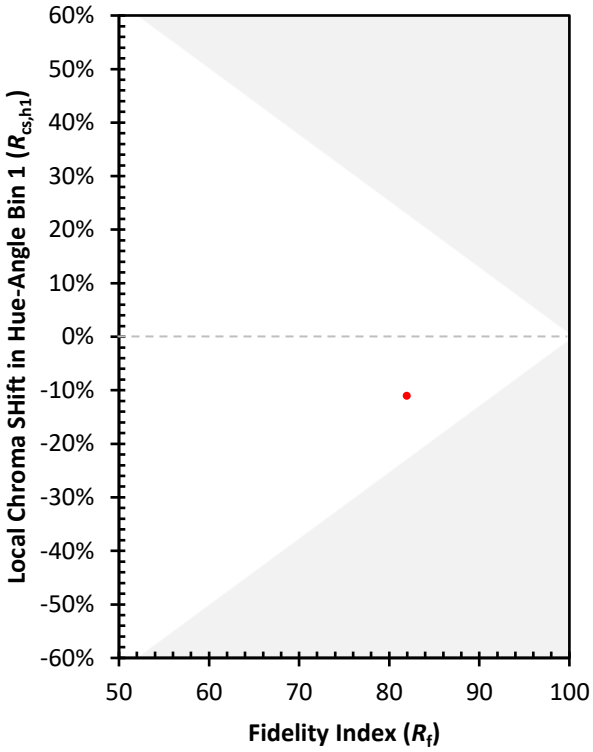
Measure Comparisons





(END OF REPORT)