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: P1456738

Luminaire Tested: GLAN-SB3D-850-U-T3LG

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:	P1456738
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-850-U-T3LG
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE III LOW GLARE
Light Source:	(78) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28482.1 lumens
Efficiency:	N/A
Efficacy:	130.6 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B3 - U0 - G3

Input Watts (W):	218.1
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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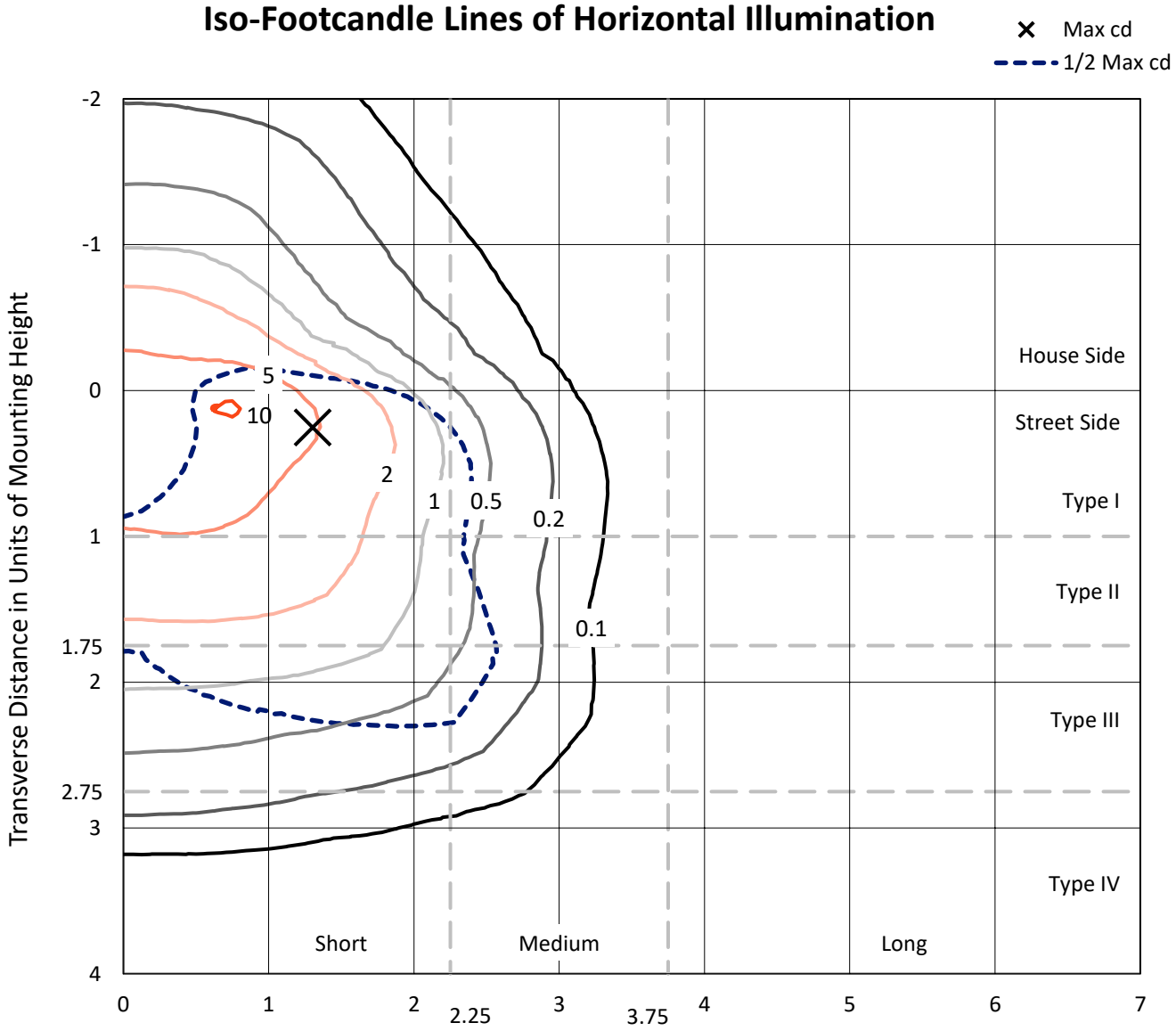
REPORT NUMBER: P1456738
CATALOG NUMBER: GLAN-SB3D-850-U-T3LG

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 10.4 fc
Type III - Short - N/A

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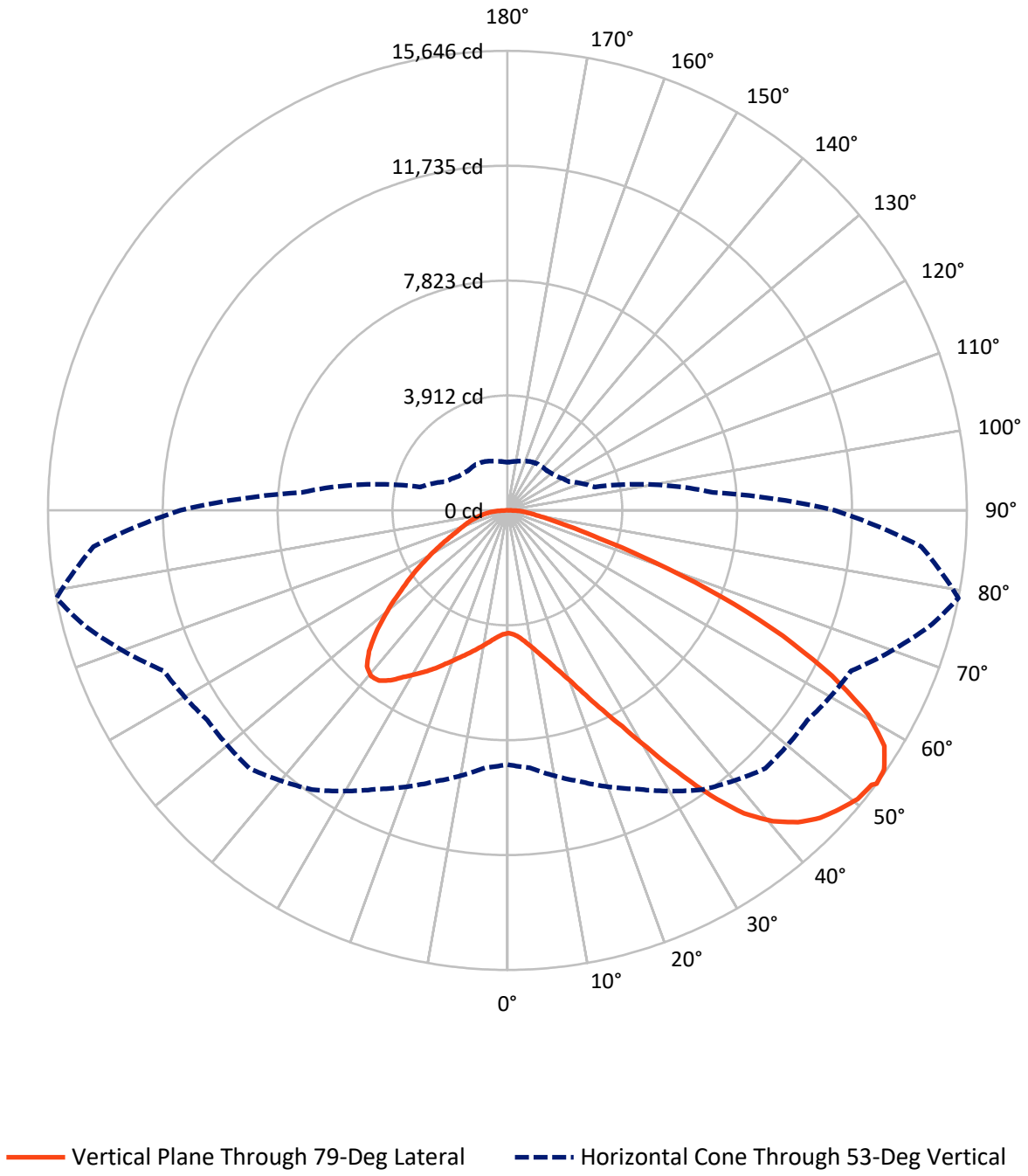
Luminous Intensity Polar Plot



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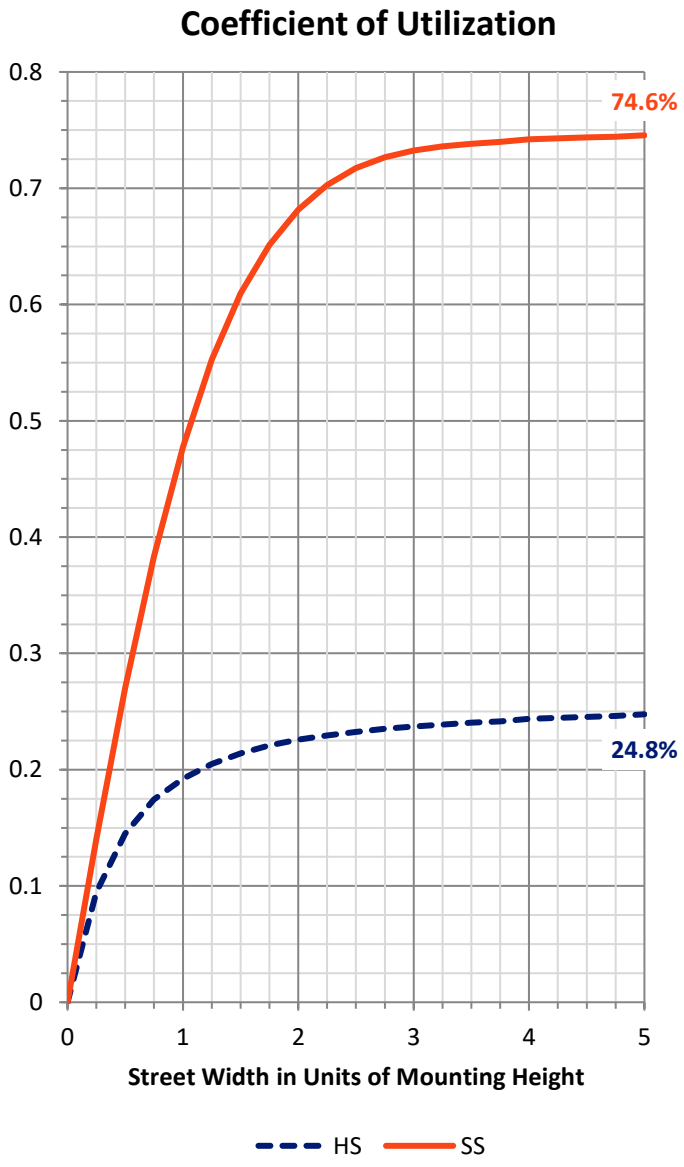
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	7180.1	0.0	7180.1
	% Fixture	25.2	0.0	25.2
Street Side	Lumens	21302.0	0.0	21302.0
	% Fixture	74.8	0.0	74.8
Total	Lumens	28482.1	0.0	28482.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	398.4	1.4
10°-20°	1233.7	4.3
20°-30°	2358.8	8.3
30°-40°	4049.8	14.2
40°-50°	5672.6	19.9
50°-60°	6437.6	22.6
60°-70°	5645.4	19.8
70°-80°	2207.5	7.8
80°-90°	478.3	1.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28482.1	100.0
0°-180°	28482.1	100.0



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REPORT NUMBER: P1456738
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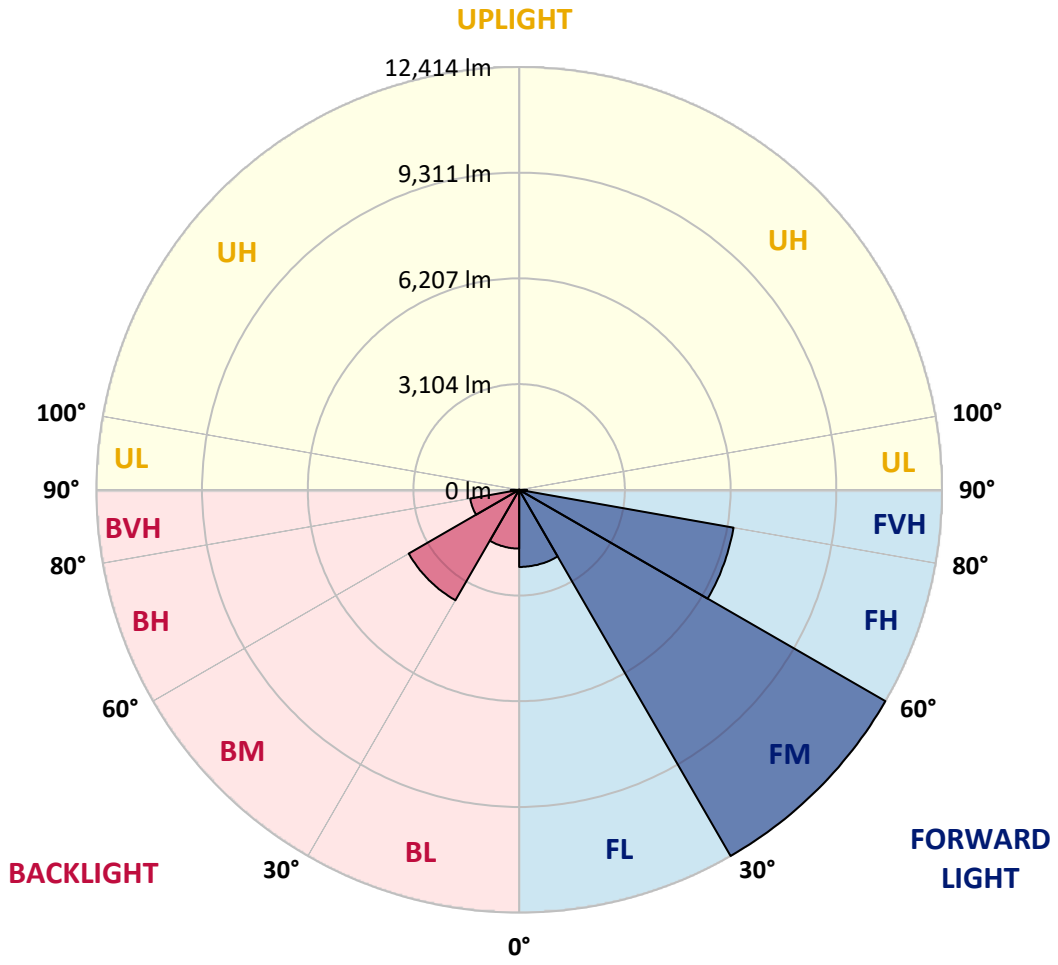
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2264.1	7.9			
FM	(30°-60°)	12414.3	43.6			
FH	(60°-80°)	6391.6	22.4			G3/7500
FVH	(80°-90°)	232.0	0.8			G3/500
BL	(0°-30°)	1726.9	6.1	B3/2500		
BM	(30°-60°)	3745.7	13.2	B3/5000		
BH	(60°-80°)	1461.3	5.1	B3/2500		G3/2500
BVH	(80°-90°)	246.3	0.9			G3/500
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	79°	85°
0°	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	*4181.2*	4181.2
2.5°	4187.6	4187.6	4162.2	4187.6	4174.9	4193.9	4206.6	4206.6	4232.0	*4225.7*	4225.7
5°	4117.8	4105.1	4098.8	4143.2	4168.6	4219.3	4276.4	4301.8	4346.2	*4346.2*	4352.6
7.5°	3933.8	3927.4	3959.2	4048.0	4130.5	4257.4	4377.9	4447.7	4517.5	*4530.2*	4530.2
10°	3819.6	3813.2	3851.3	3959.2	4092.4	4276.4	4466.8	4612.7	4726.9	*4758.6*	4758.6
12.5°	3819.6	3819.6	3851.3	3959.2	4098.8	4320.8	4581.0	4828.4	5006.1	*5044.1*	5031.5
15°	3927.4	3921.1	3959.2	4073.4	4206.6	4416.0	4733.2	5063.2	5304.3	*5374.1*	5380.4
17.5°	4041.7	4035.3	4092.4	4238.3	4397.0	4606.3	4929.9	5336.0	5678.6	*5767.5*	5786.5
20°	4219.3	4213.0	4282.8	4422.3	4619.0	4860.1	5196.4	5659.6	6135.5	*6230.6*	6256.0
22.5°	4422.3	4428.7	4504.8	4676.1	4872.8	5190.1	5602.5	6116.4	6687.5	*6833.4*	6858.8
25°	4847.5	4828.4	4891.9	5012.4	5221.8	5602.5	6110.1	6668.4	7347.3	*7525.0*	7556.7
27.5°	5412.1	5380.4	5450.2	5570.8	5723.0	6078.3	6662.1	7283.9	8102.3	*8324.4*	8330.8
30°	5919.7	5900.7	5995.9	6243.3	6401.9	6674.8	7296.6	8007.2	9035.0	*9358.6*	9371.3
32.5°	6357.5	6351.2	6528.8	6846.1	7207.7	7499.6	8102.3	8920.8	10215.2	*10589.5*	10507.0
35°	6776.3	6795.3	7017.4	7347.3	7829.5	8413.2	9022.3	9955.0	11458.8	*11909.2*	11776.0
37.5°	7201.4	7214.1	7505.9	7931.0	8438.6	9200.0	10018.5	11078.1	12537.4	*13095.7*	12803.9
40°	7594.8	7632.8	8026.2	8483.0	9142.9	9917.0	10830.6	11858.5	13368.6	*13920.6*	13603.3
42.5°	7988.1	8045.2	8470.3	9098.5	9802.8	10608.6	11395.3	12334.3	13901.5	*14517.0*	14028.4
45°	8394.2	8432.3	8958.9	9612.4	10411.9	11154.2	11718.9	12638.9	14269.5	*14935.7*	14269.5
47.5°	8667.0	8743.2	9320.6	10075.6	10875.0	11573.0	11979.0	12765.8	14504.3	*15208.6*	14358.4
50°	8774.9	8882.8	9504.6	10342.1	11255.7	11966.3	12182.1	12835.6	14764.4	*15449.7*	14339.3
52.5°	8755.9	8857.4	9536.3	10462.6	11560.3	12328.0	12378.8	12911.7	14948.4	*15532.1*	14174.4
53°	*8654.3*	*8793.9*	*9555.3*	*10469.0*	*11604.7*	*12423.2*	*12467.6*	*12918.1*	*14973.8*	*15646.4*	*14149.0*
55°	8305.4	8381.5	9358.6	10462.6	11814.1	12778.5	12715.0	13108.4	15043.6	*15570.2*	13869.8
57.5°	7988.1	8064.3	8914.5	10342.1	11985.4	13279.7	13114.8	13076.7	14662.9	*15138.8*	13165.5
60°	7785.1	7810.5	8527.5	9961.4	11915.6	13628.7	13374.9	12702.4	13723.9	*14117.2*	11928.3
62.5°	7613.8	7607.5	8241.9	9415.7	11649.1	13679.5	13425.7	11776.0	12347.0	*12410.5*	10278.6
65°	7226.8	7182.3	7797.8	8800.3	11097.1	13451.0	12803.9	10373.8	10519.7	*10310.3*	8254.6
67.5°	6459.0	6363.9	6909.5	7861.2	9974.1	12803.9	11617.4	8743.2	8292.7	*7873.9*	6217.9
70°	4625.4	4625.4	5063.2	6014.9	8007.2	11065.4	9974.1	6617.7	5710.3	*5336.0*	4155.9
72.5°	2265.1	2322.2	2779.0	3553.1	5367.7	8032.6	7639.2	4289.1	3464.3	*3280.3*	2664.8
75°	964.4	970.8	1186.5	1573.5	2721.9	4752.3	4784.0	2474.5	2220.7	*2131.9*	1763.9
77.5°	672.6	685.2	780.4	926.3	1294.3	2182.6	2487.2	1497.4	1491.0	*1427.6*	1256.3
80°	513.9	526.6	590.1	691.6	869.2	1116.7	1288.0	1015.2	1065.9	*1002.5*	907.3
82.5°	387.0	399.7	444.1	520.3	621.8	748.7	723.3	748.7	786.8	*748.7*	653.5
85°	260.1	266.5	298.2	361.7	399.7	450.5	450.5	545.7	571.0	*558.3*	513.9
87.5°	133.2	133.2	158.6	190.3	203.0	209.4	184.0	241.1	272.8	*298.2*	241.1
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: P1456738
CATALOG NUMBER: GLAN-SB3D-850-U-T3LG

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2	4181.2
2.5°	4225.7	4232.0	4213.0	4206.6	4200.3	4168.6	4168.6	4136.8	4130.5	4136.8	4117.8
5°	4365.2	4352.6	4301.8	4263.7	4219.3	4130.5	4079.7	4009.9	3990.9	3971.9	3952.8
7.5°	4536.6	4517.5	4428.7	4327.2	4206.6	4035.3	3940.1	3825.9	3787.9	3756.1	3743.4
10°	4752.3	4714.2	4574.6	4358.9	4136.8	3927.4	3794.2	3654.6	3591.2	3578.5	3546.8
12.5°	5031.5	4961.7	4701.5	4365.2	4073.4	3800.6	3654.6	3546.8	3521.4	3515.0	3483.3
15°	5342.3	5240.8	4822.1	4371.6	3990.9	3692.7	3603.9	3546.8	3546.8	3540.4	3521.4
17.5°	5723.0	5558.1	4936.3	4346.2	3889.4	3661.0	3616.6	3565.8	3553.1	3559.4	3534.1
20°	6179.9	5907.0	5056.8	4314.5	3845.0	3667.3	3616.6	3546.8	3515.0	3508.7	3489.7
22.5°	6706.5	6306.8	5190.1	4263.7	3845.0	3661.0	3578.5	3483.3	3419.9	3394.5	3369.1
25°	7309.2	6769.9	5329.7	4244.7	3857.7	3635.6	3502.3	3350.1	3248.6	3210.5	3191.4
27.5°	8038.9	7258.5	5431.2	4263.7	3851.3	3578.5	3369.1	3172.4	3058.2	2994.8	2982.1
30°	8844.7	7785.1	5501.0	4295.5	3813.2	3470.6	3210.5	2988.4	2829.8	2753.7	2734.6
32.5°	9796.4	8375.2	5570.8	4295.5	3718.1	3318.3	3026.5	2785.4	2620.4	2531.6	2518.9
35°	10849.7	9098.5	5634.2	4289.1	3603.9	3153.4	2842.5	2595.0	2423.7	2334.9	2328.6
37.5°	11744.3	9644.1	5665.9	4225.7	3445.2	2963.0	2671.2	2423.7	2246.1	2150.9	2144.6
40°	12296.3	9872.6	5602.5	4098.8	3254.9	2766.3	2480.8	2252.4	2074.8	1960.6	1935.2
42.5°	12505.7	9764.7	5399.5	3889.4	3026.5	2569.7	2322.2	2081.1	1846.3	1751.2	1732.1
45°	12435.9	9345.9	4968.0	3591.2	2772.7	2392.0	2182.6	1909.8	1757.5	1675.0	1668.7
47.5°	12201.1	8698.8	4428.7	3216.8	2506.2	2233.4	1998.6	1865.4	1725.8	1637.0	1630.6
50°	11788.7	8007.2	3781.5	2791.7	2265.1	2068.4	1954.2	1846.3	1732.1	1662.3	1649.7
52.5°	11262.1	7226.8	3185.1	2379.3	2055.7	1922.5	1909.8	1833.7	1744.8	1668.7	1637.0
53°	*11141.5*	*7023.7*	*3070.9*	*2309.5*	*2024.0*	*1903.4*	*1897.1*	*1833.7*	*1732.1*	*1662.3*	*1637.0*
55°	10564.1	6395.6	2709.2	2062.1	1865.4	1840.0	1897.1	1827.3	1700.4	1643.3	1624.3
57.5°	9637.8	5570.8	2360.3	1833.7	1700.4	1763.9	1878.1	1801.9	1662.3	1560.8	1529.1
60°	8521.1	4625.4	2093.8	1681.4	1579.9	1668.7	1801.9	1713.1	1522.8	1472.0	1465.7
62.5°	7188.7	3743.4	1890.8	1554.5	1478.3	1567.2	1687.7	1535.4	1395.9	1357.8	1345.1
65°	5615.2	2975.7	1732.1	1459.3	1376.8	1446.6	1529.1	1433.9	1345.1	1313.4	1307.0
67.5°	4174.9	2334.9	1605.2	1376.8	1275.3	1319.7	1414.9	1389.5	1313.4	1294.3	1288.0
70°	2880.6	1897.1	1491.0	1300.7	1148.4	1199.2	1345.1	1364.1	1288.0	1275.3	1269.0
72.5°	2017.7	1605.2	1370.5	1218.2	1046.9	1097.7	1313.4	1313.4	1230.9	1249.9	1237.2
75°	1516.4	1351.4	1230.9	1116.7	920.0	996.1	1269.0	1256.3	1173.8	1256.3	1224.6
77.5°	1142.1	1091.3	1065.9	989.8	805.8	881.9	1180.1	1154.8	1046.9	1053.2	996.1
80°	831.2	843.9	913.7	843.9	672.6	729.7	996.1	983.4	850.2	875.6	805.8
82.5°	596.4	628.1	780.4	678.9	488.6	520.3	685.2	742.3	666.2	628.1	640.8
85°	450.5	469.5	628.1	501.2	304.6	342.6	469.5	533.0	520.3	482.2	488.6
87.5°	190.3	215.7	291.9	234.8	177.7	177.7	291.9	374.3	336.3	285.5	298.2
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

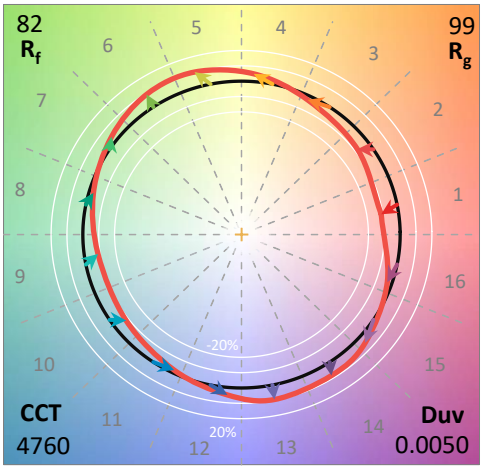
Test Information

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

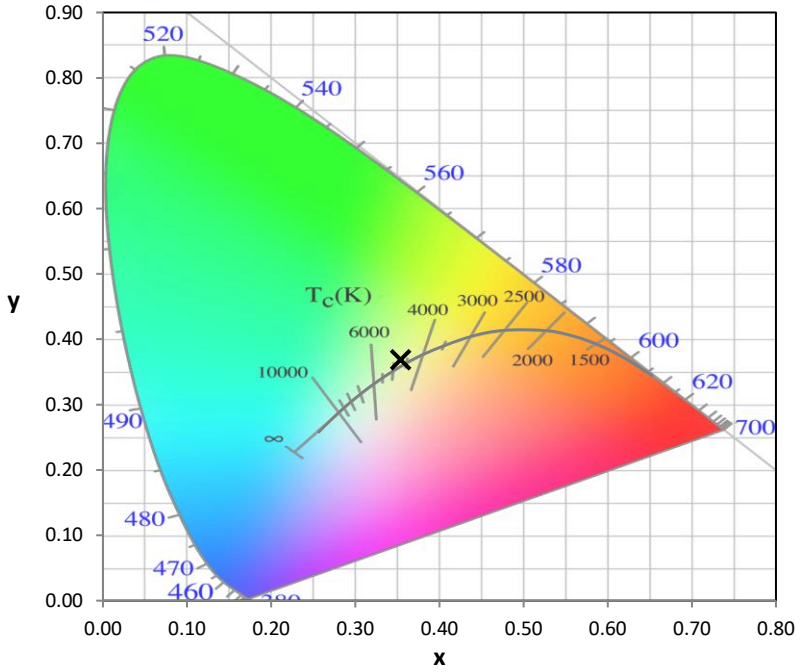
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

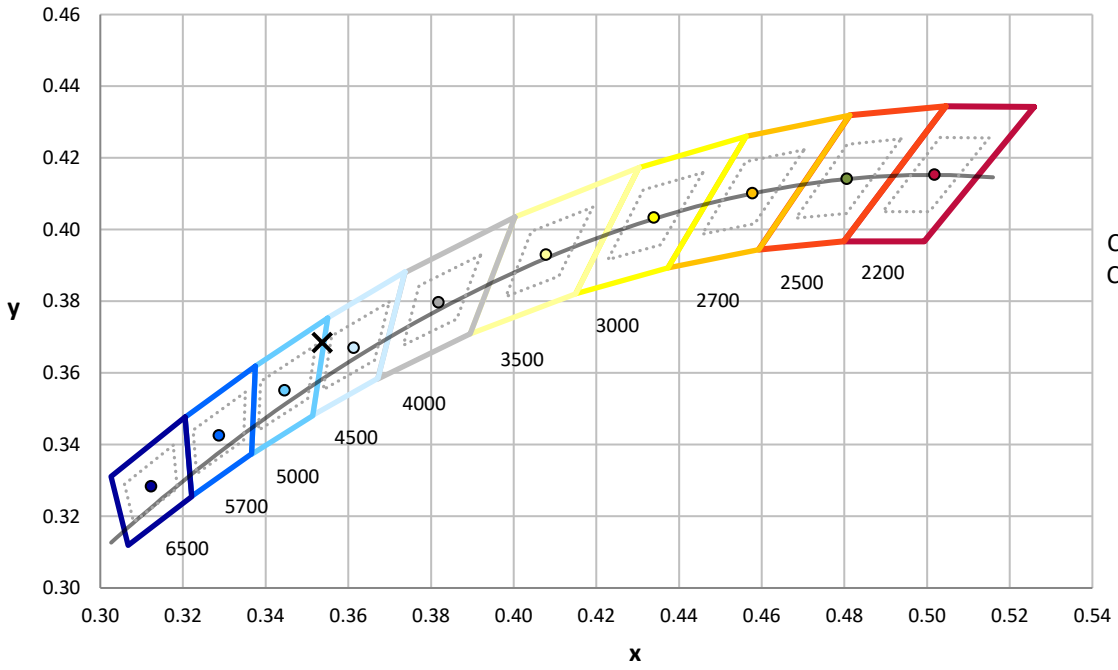
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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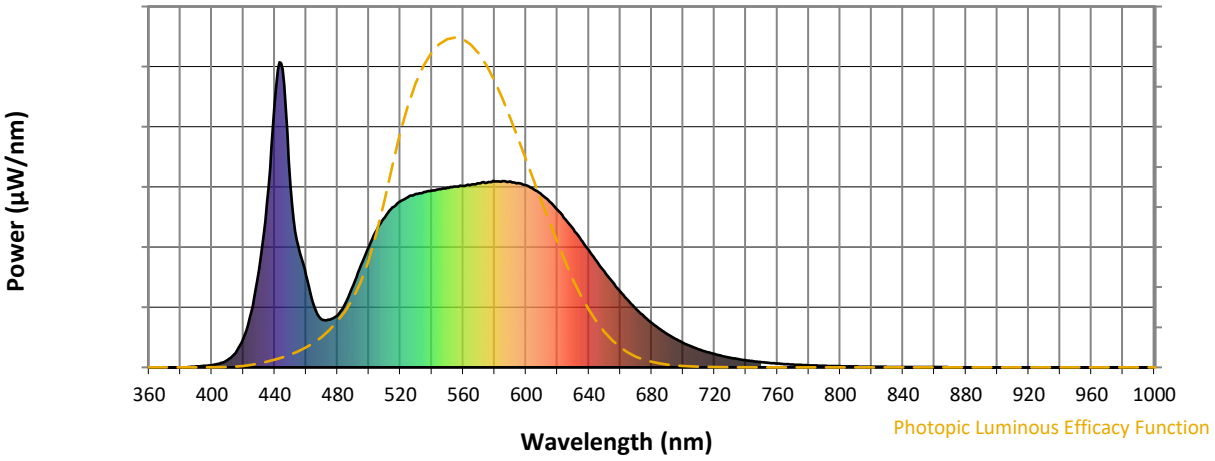
Photopic Flux vs. Wavelength



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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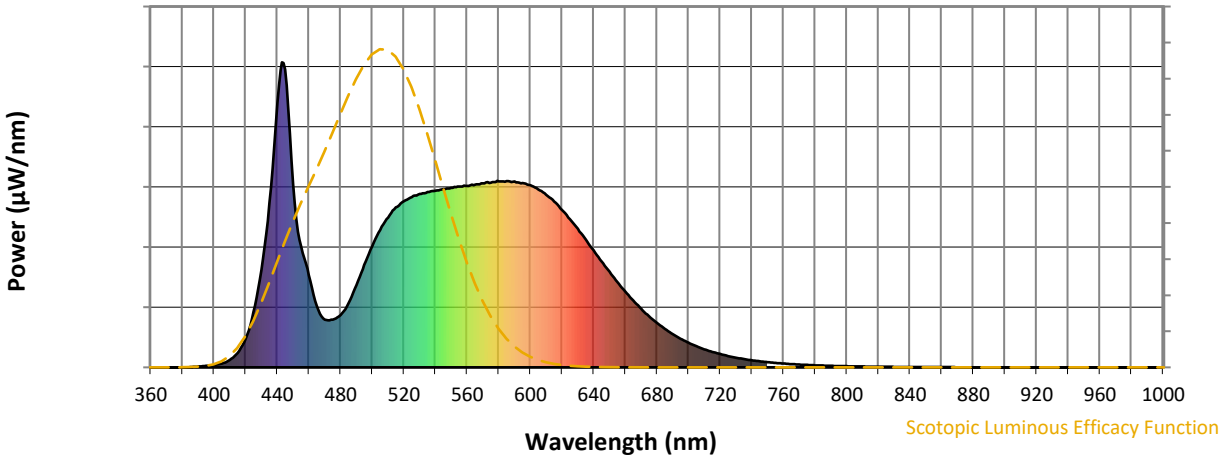
Scotopic Flux vs. Wavelength



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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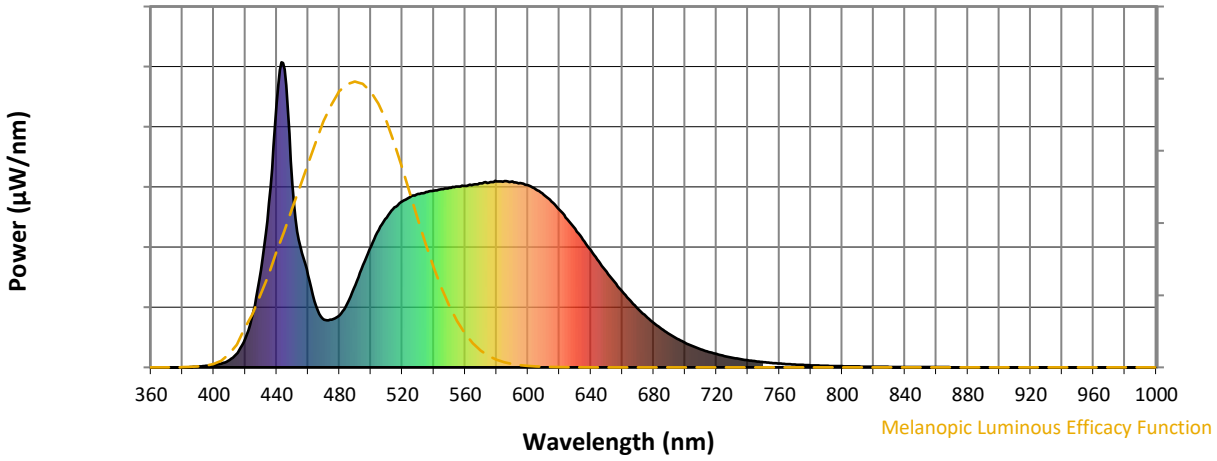
Melanopic Flux vs. Wavelength



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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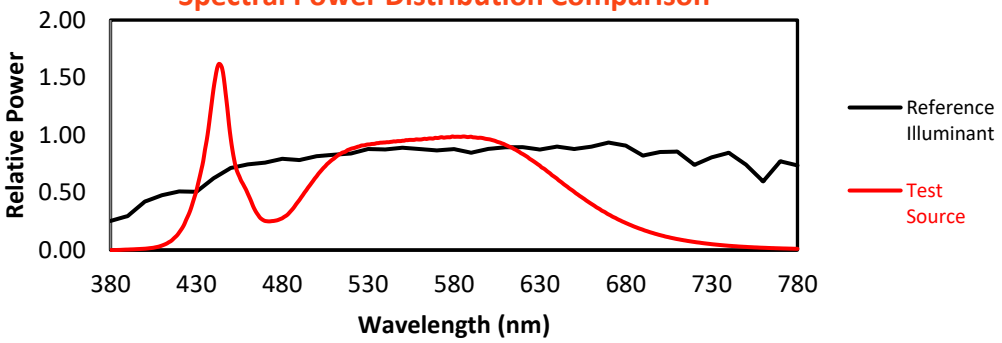
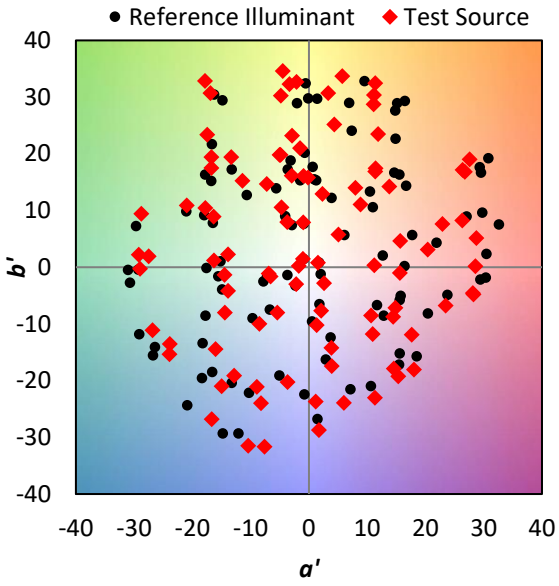
Summary

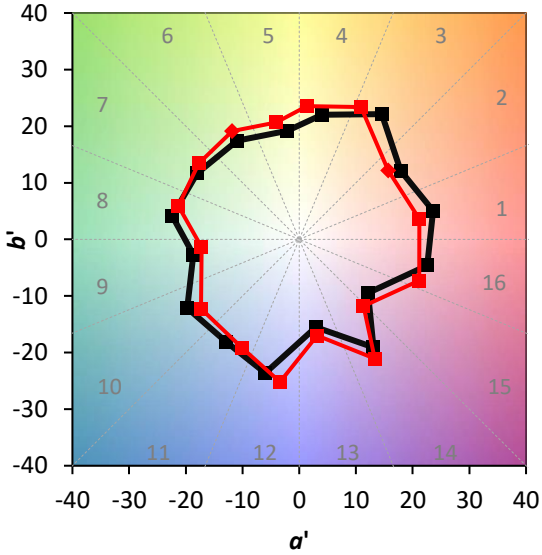
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

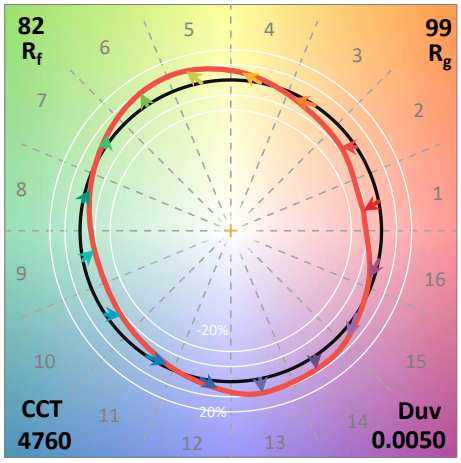
Spectral Power Distribution Comparison

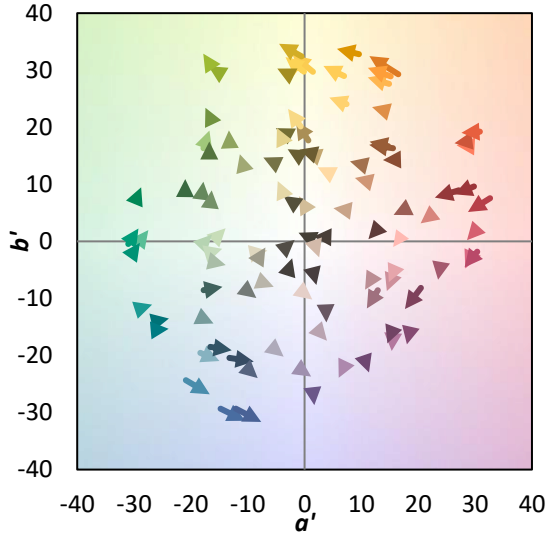


Color Vector Graphics









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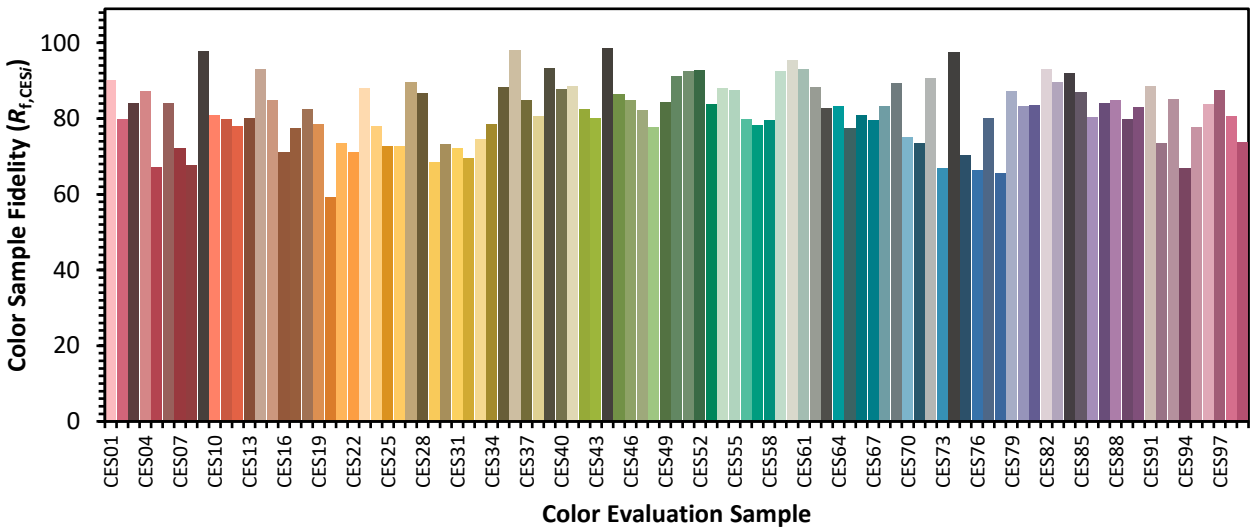
Individual Sample Fidelity Index ($R_{f,i}$)

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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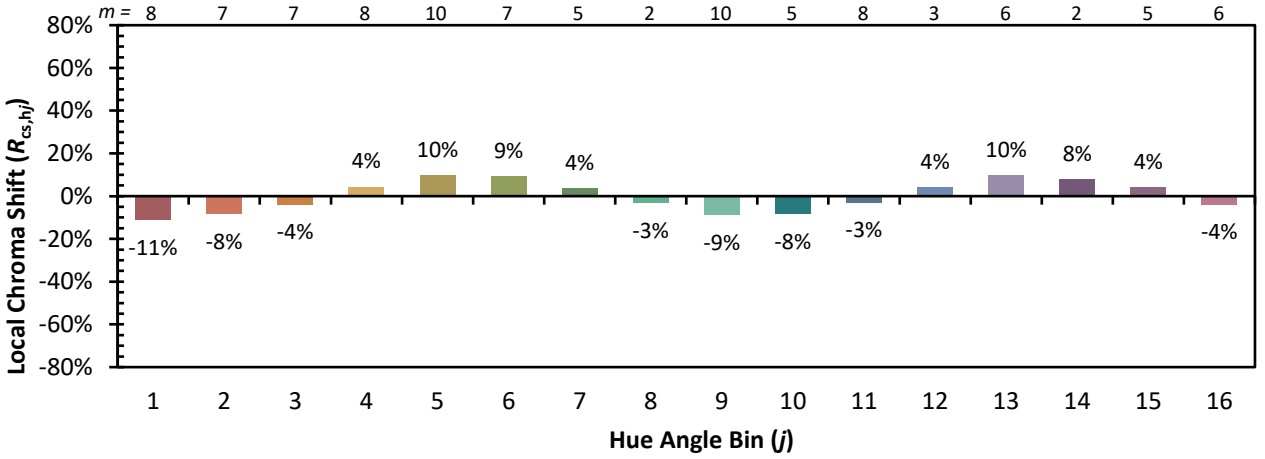
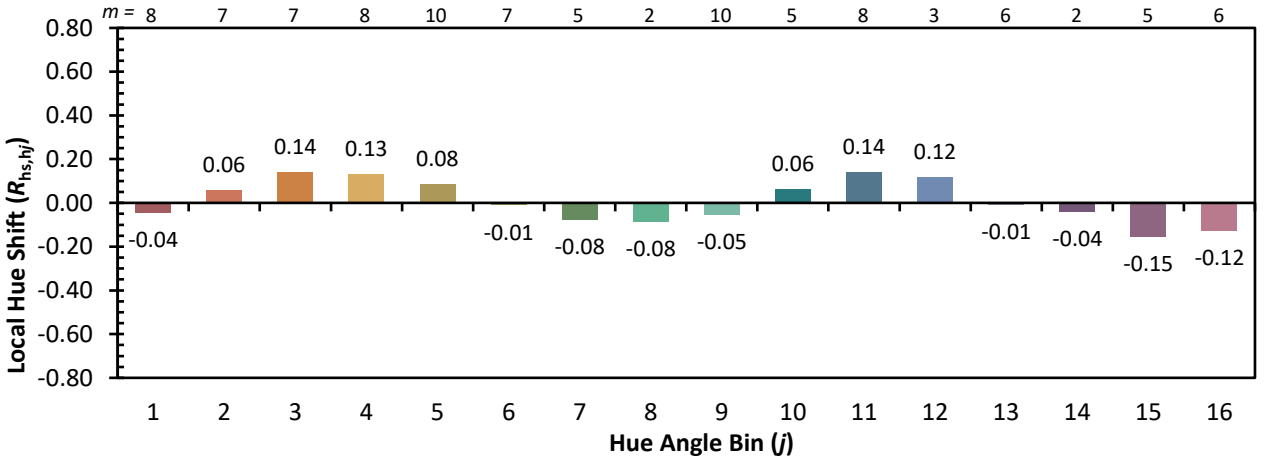
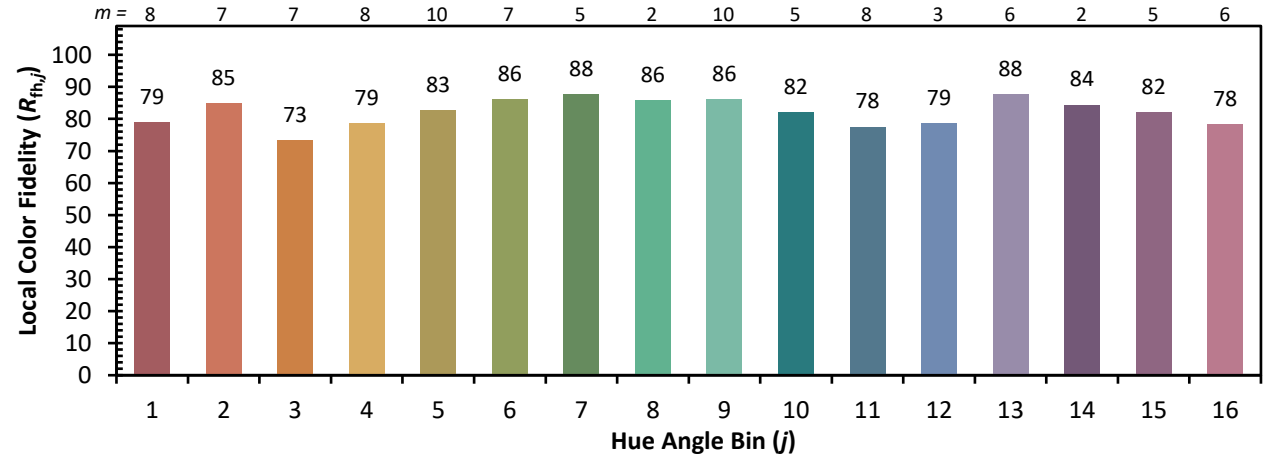
Color Rendition by Hue-Angle Bin







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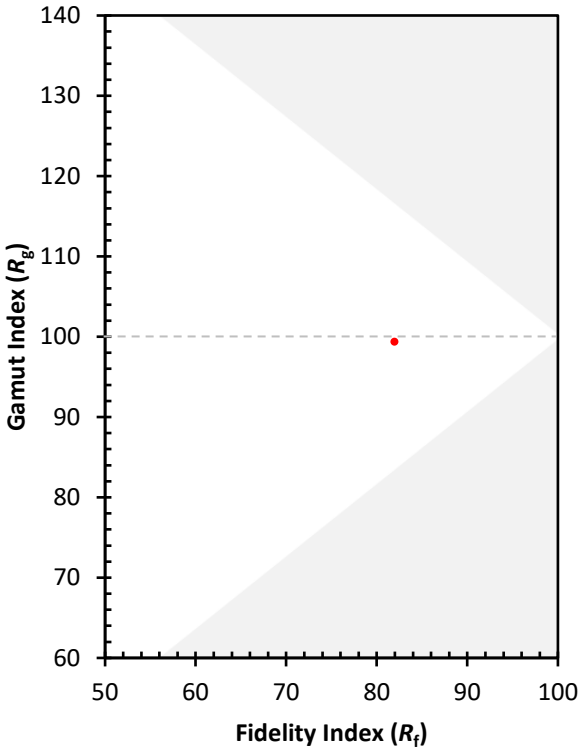
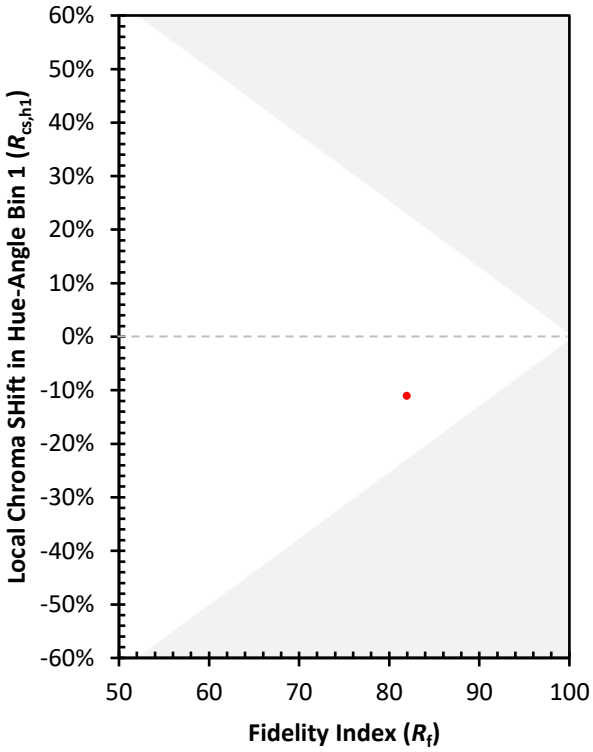
Measure Comparisons





(END OF REPORT)