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: P1459043

Luminaire Tested: GLAN-SB4A-850-U-T4LG-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:	P1459043
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-850-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12468 lumens
Efficiency:	N/A
Efficacy:	109.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	114
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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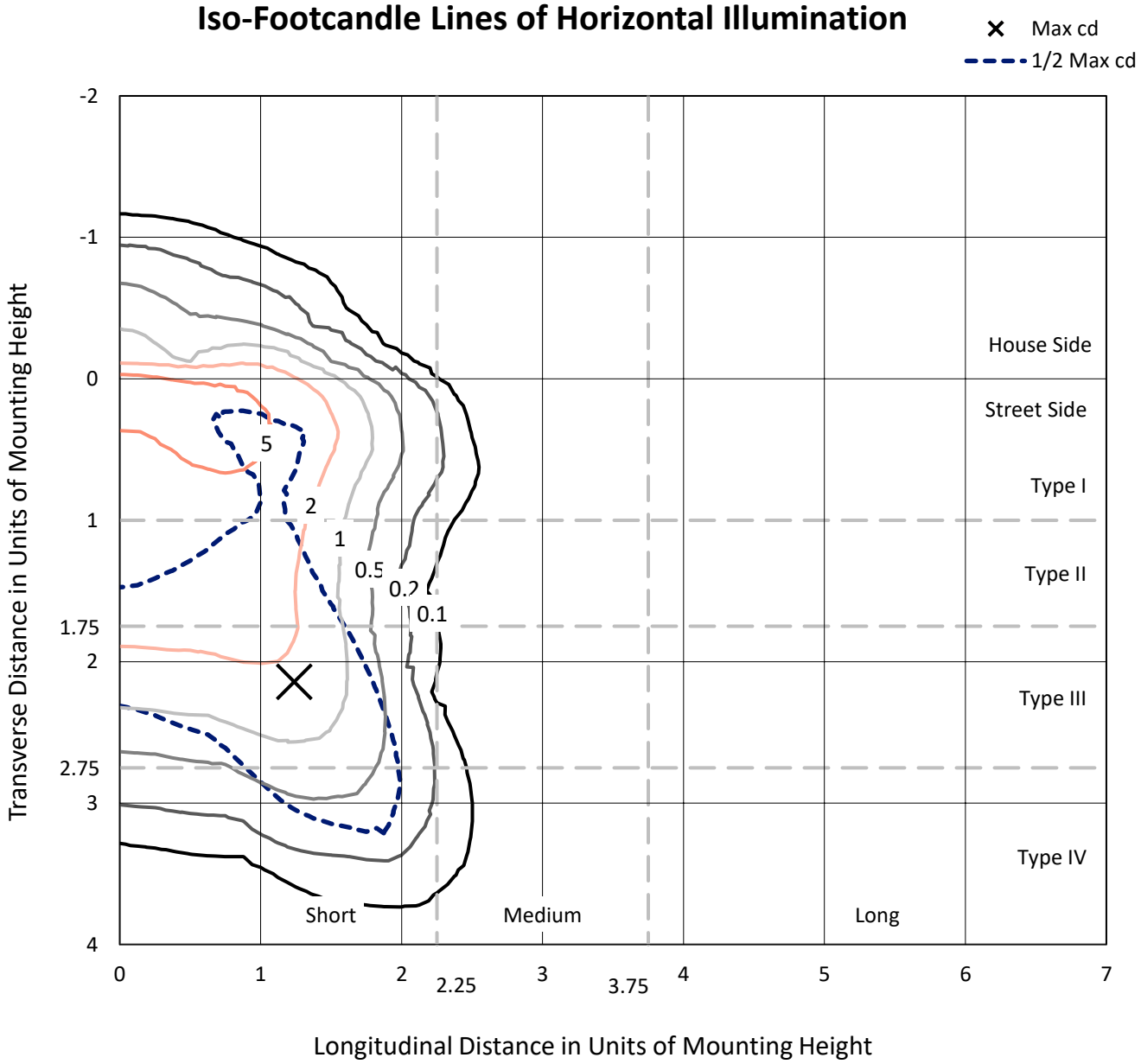
REPORT NUMBER: P1459043
CATALOG NUMBER: GLAN-SB4A-850-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 9.4 fc
Type IV - Short - N/A

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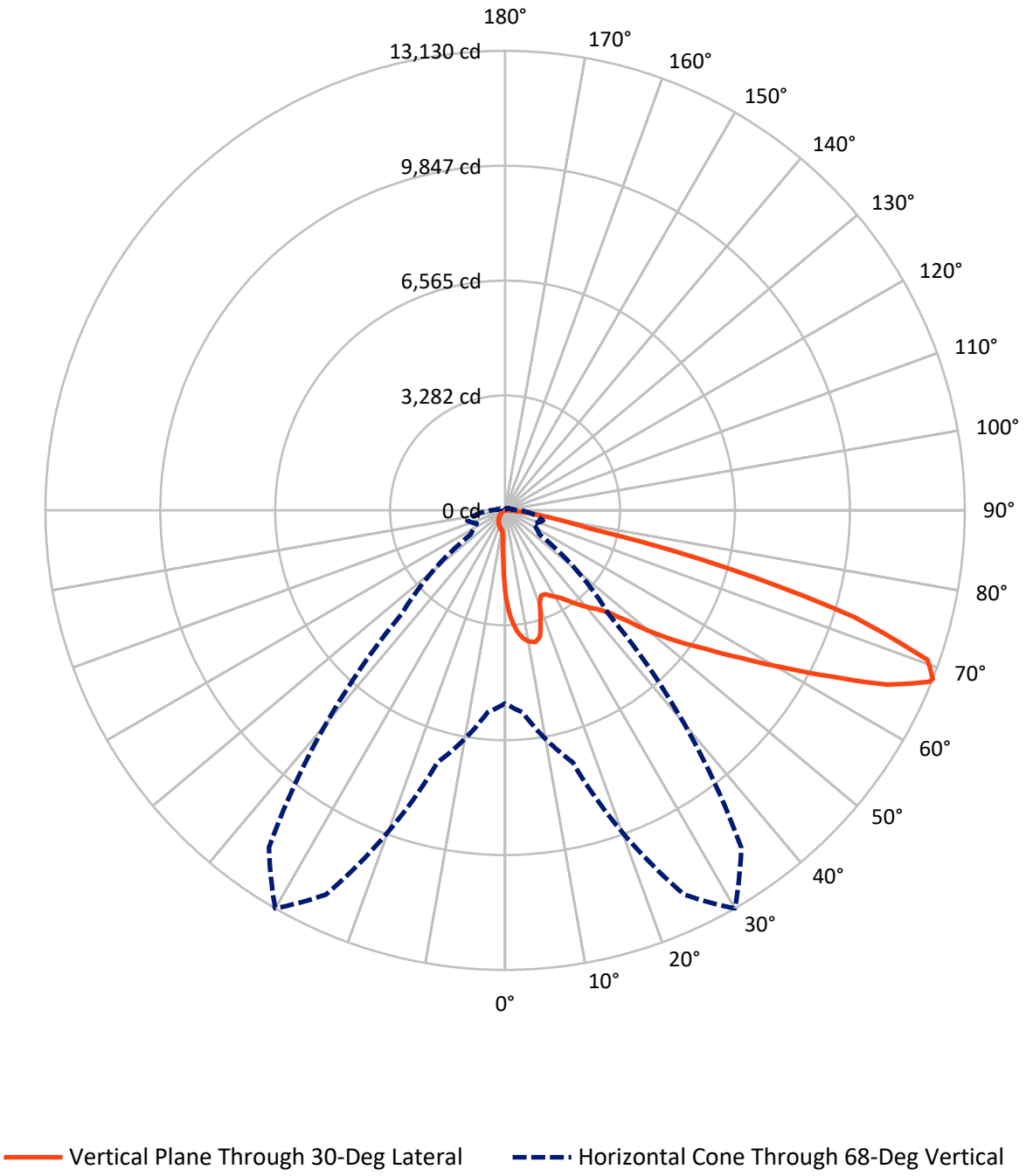
Luminous Intensity Polar Plot



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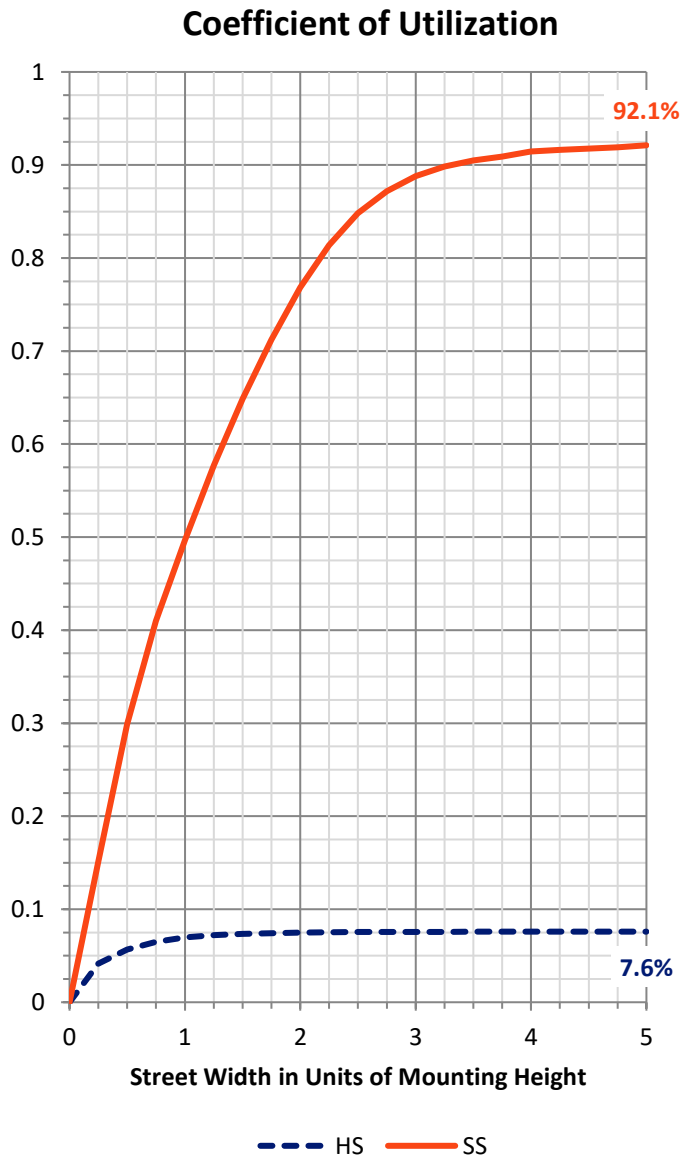
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	951.6	0.0	951.6
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	11516.4	0.0	11516.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	12468.0	0.0	12468.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	212.1	1.7
10°-20°	605.7	4.9
20°-30°	951.8	7.6
30°-40°	1492.8	12.0
40°-50°	2231.3	17.9
50°-60°	2968.3	23.8
60°-70°	2869.4	23.0
70°-80°	1031.5	8.3
80°-90°	105.3	0.8
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°	12468.0	100.0
0°-180°	12468.0	100.0



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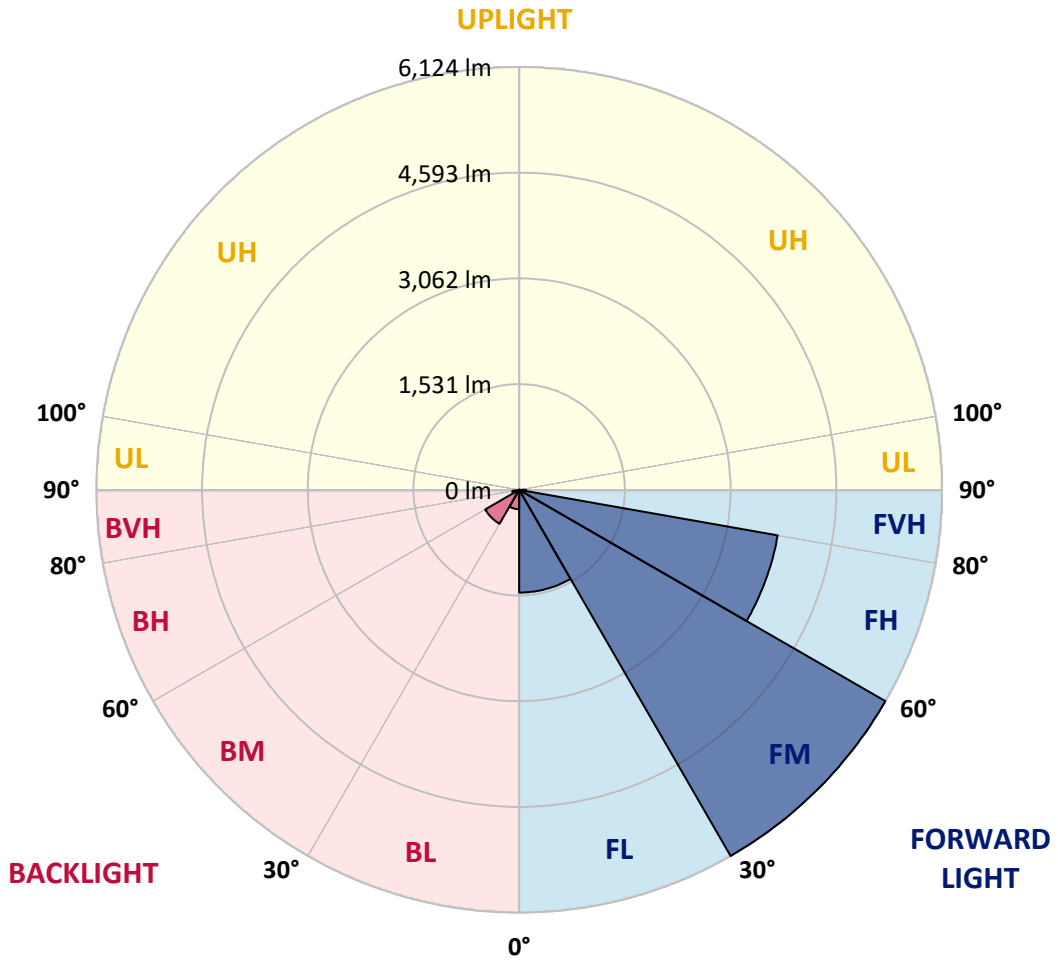
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1488.7	11.9			
FM	(30°-60°)	6124.3	49.1			
FH	(60°-80°)	3801.9	30.5			G2/5000
FVH	(80°-90°)	101.5	0.8			G2/225
BL	(0°-30°)	280.9	2.3	B1/500		
BM	(30°-60°)	568.0	4.6	B1/1000		
BH	(60°-80°)	99.0	0.8	B0/110		G0/110
BVH	(80°-90°)	3.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type IV Short



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REPORT NUMBER: P1459043
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2458.6	2458.6	2458.6	2458.6	*2458.6*	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6
2.5°	3142.3	3142.3	3119.9	3090.0	*3056.4*	3045.2	2981.6	2892.0	2798.6	2690.2	2533.3
5°	3545.8	3542.1	3497.3	3497.3	*3452.4*	3411.3	3347.8	3217.0	3067.6	2873.3	2600.5
7.5°	3725.2	3732.7	3714.0	3714.0	*3687.8*	3657.9	3620.6	3493.5	3317.9	3056.4	2667.8
10°	3788.7	3792.4	3792.4	3818.6	*3811.1*	3807.4	3803.7	3732.7	3549.6	3243.2	2738.8
12.5°	3635.5	3654.2	3706.5	3822.3	*3859.7*	3900.8	3956.8	3934.4	3807.4	3478.6	2847.1
15°	3142.3	3146.0	3291.8	3579.5	*3732.7*	3889.6	4106.3	4151.1	4068.9	3732.7	2959.2
17.5°	2593.1	2604.3	2720.1	3041.4	*3288.0*	3650.5	4192.2	4375.3	4345.4	3983.0	3063.8
20°	2365.1	2380.1	2436.1	2637.9	*2824.7*	3161.0	4106.3	4588.3	4599.5	4233.3	3161.0
22.5°	2312.8	2324.0	2368.9	2525.8	*2641.6*	2865.8	3814.9	4756.4	4887.2	4521.0	3276.8
25°	2297.9	2309.1	2376.4	2548.2	*2656.6*	2843.4	3549.6	4846.1	5227.2	4820.0	3388.9
27.5°	2286.7	2301.6	2410.0	2630.4	*2757.5*	2936.8	3501.0	4864.8	5552.3	5137.5	3572.0
30°	2301.6	2324.0	2466.0	2716.4	*2862.1*	3063.8	3616.8	4883.5	5911.0	5500.0	3803.7
32.5°	2361.4	2380.1	2552.0	2832.2	*3000.3*	3228.2	3814.9	4995.6	6251.0	5869.9	4024.1
35°	2428.7	2454.8	2660.3	2996.6	*3198.4*	3456.2	4083.9	5216.0	6576.1	6221.1	4252.0
37.5°	2510.9	2540.8	2787.4	3183.4	*3415.1*	3706.5	4375.3	5522.4	6863.8	6508.8	4479.9
40°	2623.0	2656.6	2933.1	3381.4	*3631.8*	3923.2	4663.0	5825.0	7084.2	6680.7	4629.4
42.5°	3063.8	3108.7	3224.5	3575.7	*3856.0*	4154.9	4947.0	6112.7	7166.4	6736.7	4659.3
45°	3885.9	3930.7	3900.8	3968.1	*4154.9*	4435.1	5257.1	6389.2	7177.6	6721.8	4644.3
47.5°	4711.6	4763.9	4737.8	4700.4	*4741.5*	4876.0	5604.6	6564.9	7117.8	6714.3	4644.3
50°	5500.0	5470.1	5473.8	5462.6	*5500.0*	5571.0	5940.9	6598.5	7102.9	6785.3	4685.4
52.5°	5922.2	5937.1	6030.5	6168.8	*6251.0*	6322.0	6325.7	6650.8	6994.5	6665.7	4636.9
55°	6336.9	6366.8	6583.5	6818.9	*7002.0*	7136.5	6710.6	6617.2	6348.1	6265.9	4382.8
57.5°	6804.0	6845.1	7151.5	7637.2	*7958.5*	8029.5	7091.7	5989.4	5372.9	5694.3	3889.6
60°	7446.6	7495.2	7902.5	8631.1	*9109.3*	8963.6	7121.6	4991.8	4267.0	4726.5	3209.6
62.5°	7951.1	8048.2	8784.3	9920.1	*10447.0*	9983.7	6564.9	3826.1	2981.6	3321.7	2342.7
65°	7413.0	7599.8	8799.2	11396.0	*12005.1*	11183.0	5690.5	2611.7	1681.4	2148.4	1498.3
67.5°	5993.2	6254.7	7812.8	12113.4	*13073.7*	11814.5	4479.9	1386.2	964.0	1248.0	788.4
68°	*5514.9*	*5798.9*	*7450.4*	*12113.4*	*13129.7*	*11758.4*	*4158.6*	*1199.4*	*889.3*	*1120.9*	*683.8*
70°	3811.1	4012.9	5727.9	11433.4	*12800.9*	10719.7	2738.8	687.5	668.8	769.7	452.1
72.5°	1868.2	2084.9	3063.8	9060.8	*10428.3*	8238.8	1248.0	455.8	508.2	564.2	355.0
75°	743.5	788.4	1206.9	4468.7	*6516.3*	5257.1	653.9	343.7	437.2	440.9	280.2
77.5°	425.9	452.1	668.8	1644.0	*2443.6*	2350.2	422.2	246.6	347.5	317.6	183.1
80°	239.1	242.9	377.4	866.8	*1397.4*	1251.7	287.7	179.3	265.3	224.2	123.3
82.5°	119.6	134.5	239.1	478.3	*777.2*	795.9	153.2	127.0	213.0	160.7	100.9
85°	85.9	93.4	171.9	265.3	*358.7*	538.0	93.4	63.5	160.7	108.4	71.0
87.5°	44.8	56.0	108.4	130.8	*145.7*	183.1	44.8	29.9	89.7	63.5	37.4
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: P1459043
CATALOG NUMBER: GLAN-SB4A-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6	2458.6
2.5°	2458.6	2372.6	2197.0	1991.5	1830.8	1666.4	1531.9	1404.9	1345.1	1337.6	1352.6
5°	2447.3	2260.5	1860.7	1468.4	1147.1	922.9	799.6	736.1	702.4	687.5	691.2
7.5°	2424.9	2141.0	1502.0	993.9	743.5	646.4	616.5	605.3	601.6	601.6	601.6
10°	2402.5	1980.3	1150.8	728.6	609.0	582.9	575.4	575.4	571.7	571.7	575.4
12.5°	2391.3	1830.8	893.0	609.0	567.9	556.7	549.3	545.5	545.5	545.5	549.3
15°	2365.1	1666.4	721.1	564.2	541.8	526.8	523.1	519.4	519.4	519.4	519.4
17.5°	2342.7	1505.8	627.7	534.3	515.6	500.7	496.9	493.2	493.2	496.9	496.9
20°	2309.1	1352.6	564.2	504.4	489.5	474.5	470.8	467.0	470.8	470.8	470.8
22.5°	2268.0	1225.5	526.8	482.0	463.3	448.4	448.4	448.4	448.4	448.4	452.1
25°	2241.8	1135.9	500.7	455.8	437.2	425.9	422.2	422.2	429.7	429.7	433.4
27.5°	2282.9	1113.4	504.4	448.4	414.7	403.5	399.8	399.8	407.3	411.0	414.7
30°	2406.2	1154.5	549.3	470.8	399.8	381.1	377.4	377.4	388.6	392.3	396.1
32.5°	2548.2	1240.5	616.5	500.7	388.6	358.7	351.2	351.2	362.4	366.2	369.9
35°	2742.5	1375.0	706.2	526.8	396.1	336.3	321.3	321.3	328.8	336.3	340.0
37.5°	2992.9	1595.4	810.8	545.5	396.1	310.1	291.4	287.7	295.2	295.2	298.9
40°	3254.4	1883.1	919.2	545.5	377.4	284.0	265.3	254.1	257.8	254.1	257.8
42.5°	3400.1	2114.8	1012.6	511.9	355.0	257.8	239.1	224.2	220.4	213.0	216.7
45°	3482.3	2219.4	986.4	474.5	332.5	239.1	216.7	198.0	190.6	179.3	179.3
47.5°	3482.3	2230.6	844.4	444.6	310.1	224.2	194.3	175.6	164.4	153.2	156.9
50°	3441.2	2129.7	668.8	414.7	284.0	209.2	175.6	160.7	145.7	138.2	138.2
52.5°	3269.3	1800.9	511.9	377.4	254.1	190.6	156.9	142.0	127.0	123.3	123.3
55°	2974.2	1322.7	414.7	340.0	227.9	175.6	142.0	130.8	115.8	108.4	108.4
57.5°	2417.5	904.2	343.7	306.4	201.8	156.9	127.0	115.8	97.1	89.7	89.7
60°	1793.5	590.4	291.4	269.0	171.9	142.0	112.1	97.1	82.2	74.7	71.0
62.5°	1210.6	399.8	242.9	213.0	145.7	123.3	97.1	82.2	63.5	48.6	48.6
65°	754.8	310.1	201.8	168.1	127.0	108.4	82.2	63.5	44.8	33.6	29.9
67.5°	433.4	250.3	164.4	130.8	108.4	85.9	63.5	52.3	37.4	26.2	22.4
68°	*399.8*	*239.1*	*153.2*	*123.3*	*100.9*	*82.2*	*59.8*	*48.6*	*33.6*	*22.4*	*22.4*
70°	325.1	213.0	130.8	100.9	85.9	67.3	52.3	41.1	26.2	14.9	14.9
72.5°	287.7	179.3	112.1	78.5	59.8	56.0	41.1	29.9	18.7	11.2	7.5
75°	235.4	142.0	89.7	59.8	41.1	41.1	29.9	18.7	7.5	0.0	0.0
77.5°	153.2	104.6	71.0	37.4	22.4	26.2	18.7	7.5	0.0	0.0	0.0
80°	100.9	78.5	48.6	18.7	11.2	11.2	3.7	0.0	0.0	0.0	0.0
82.5°	71.0	52.3	29.9	7.5	3.7	3.7	0.0	0.0	0.0	0.0	0.0
85°	44.8	22.4	11.2	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.7	7.5	3.7	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: SP1-2407-184-12

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

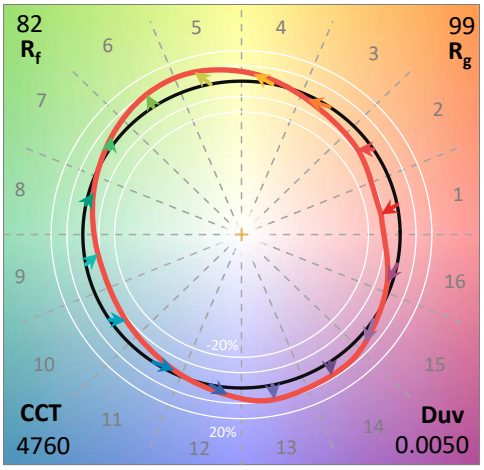
Test Information

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



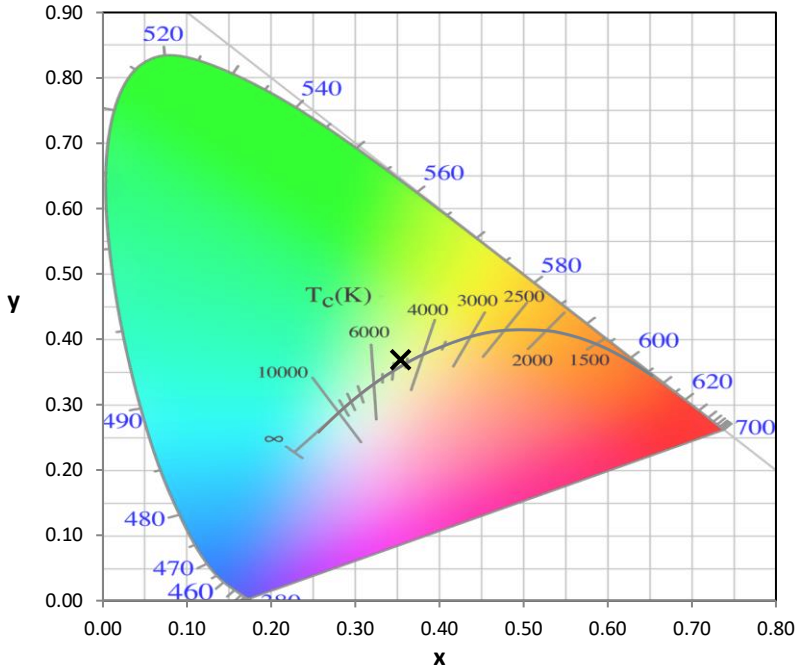
Test Conditions

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

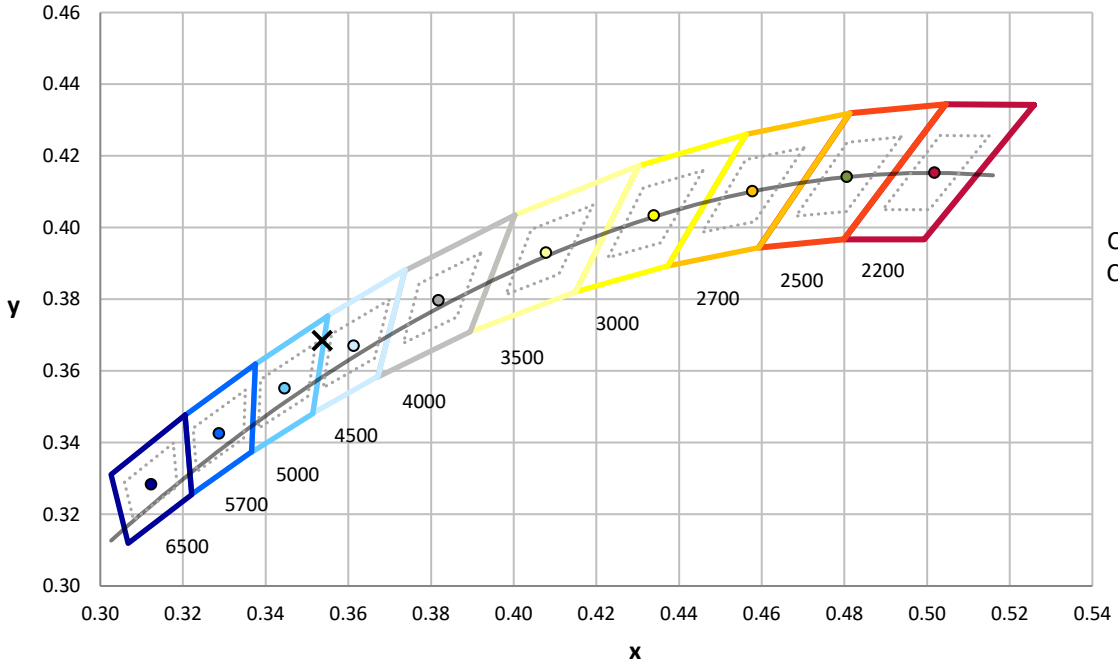
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

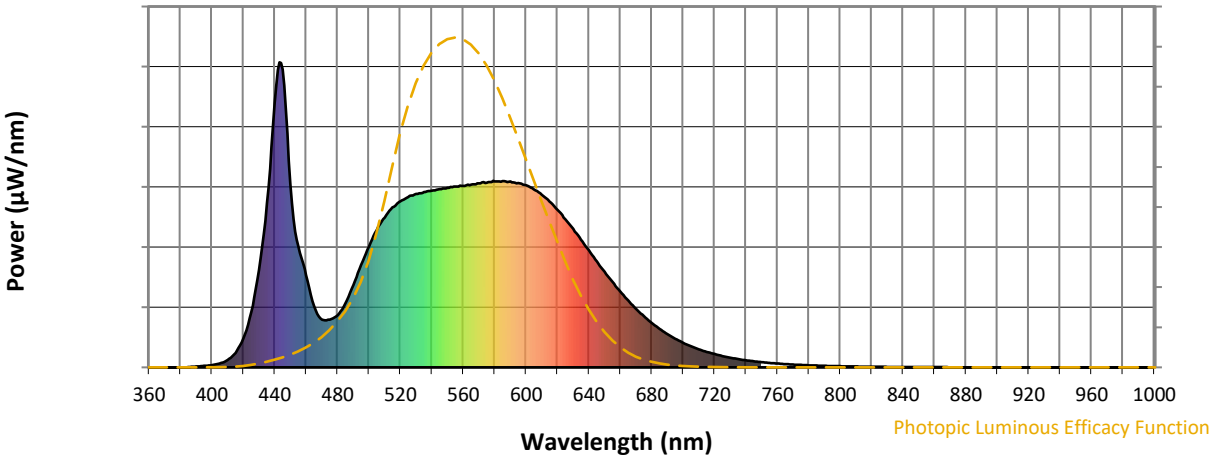


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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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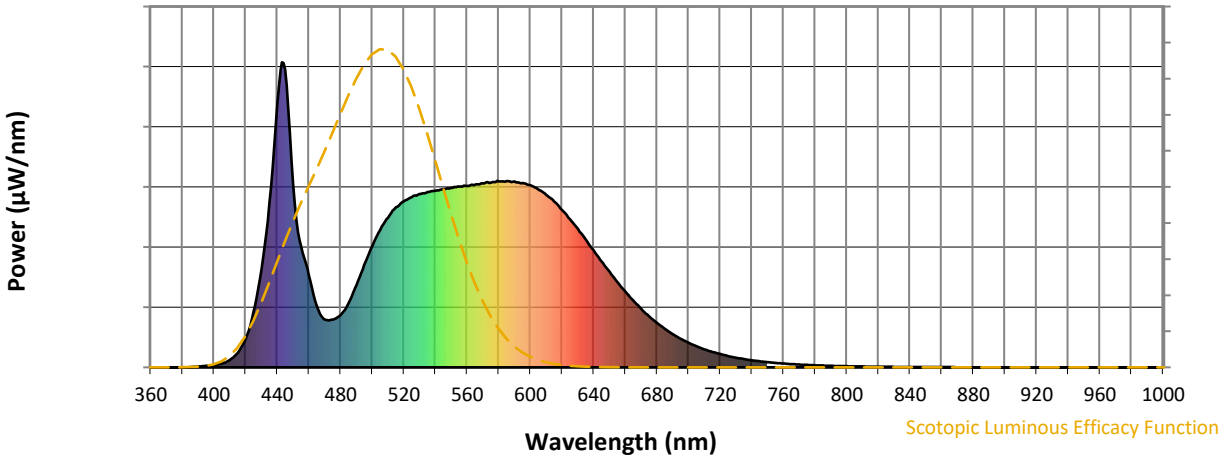
Scotopic Flux vs. Wavelength



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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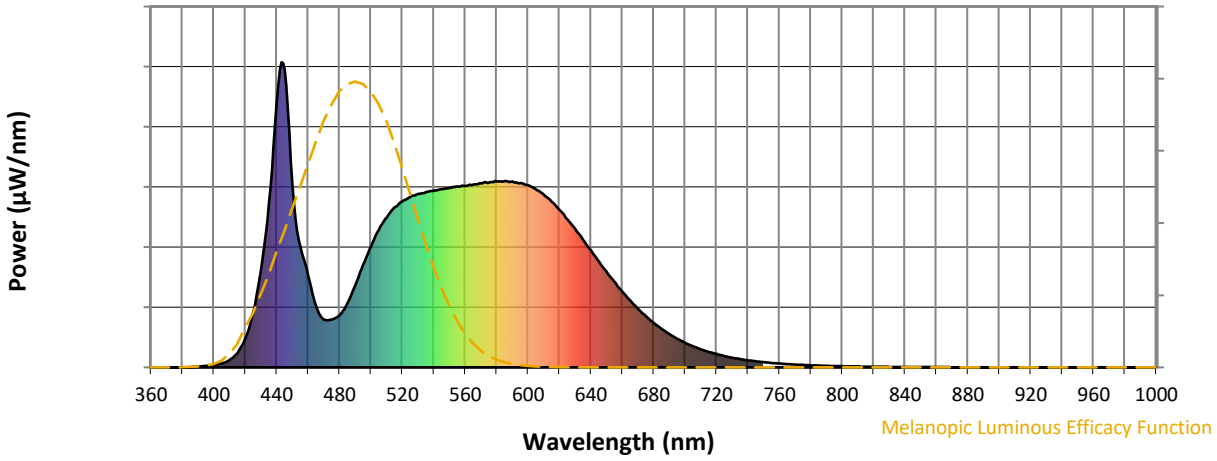
Melanopic Flux vs. Wavelength



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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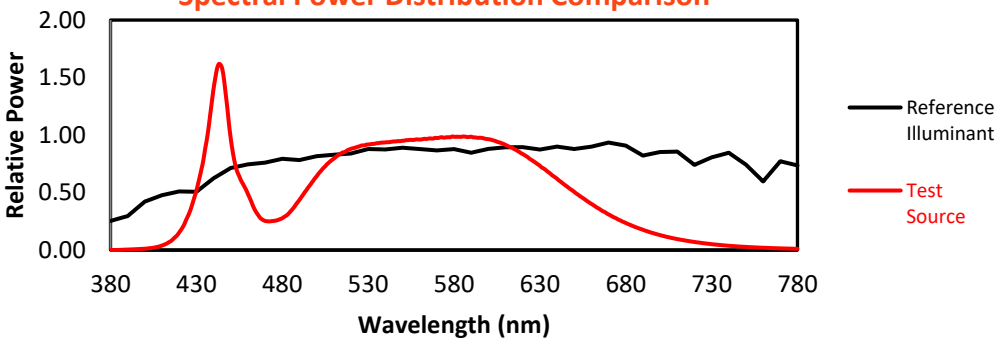
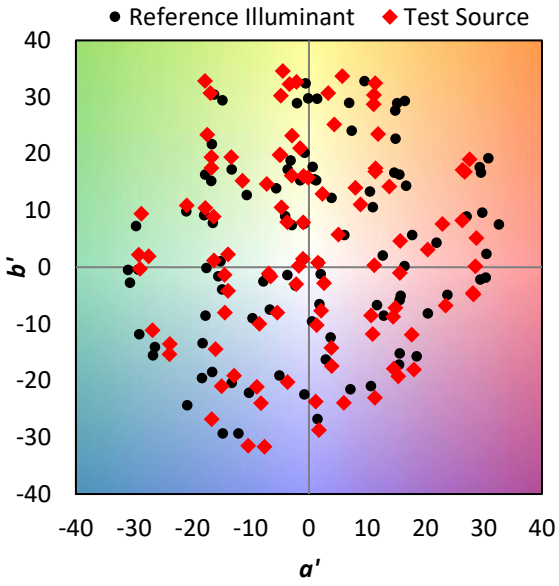
Summary

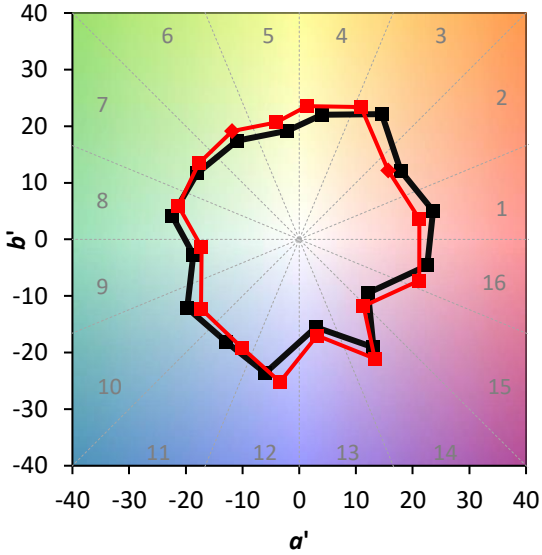
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

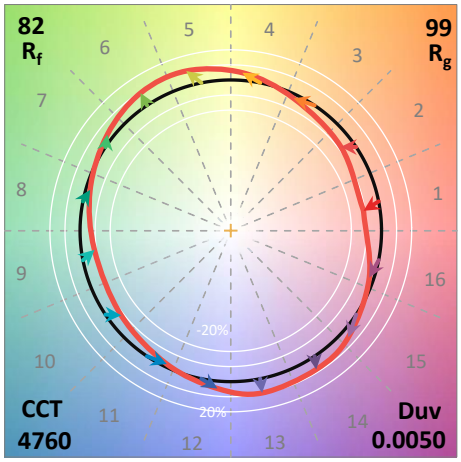
Spectral Power Distribution Comparison

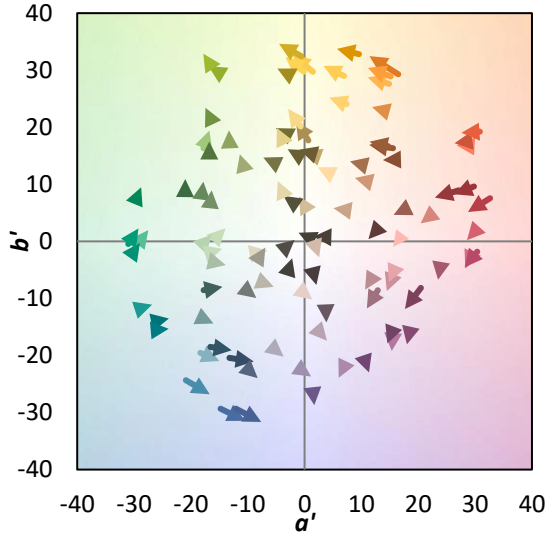


Color Vector Graphics









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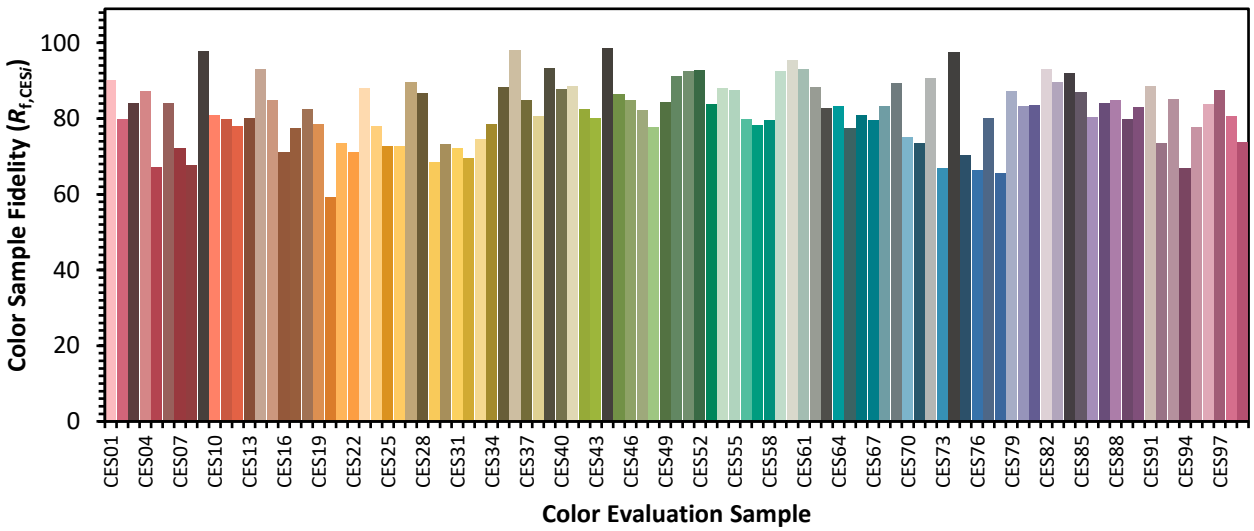
Individual Sample Fidelity Index ($R_{f,i}$)

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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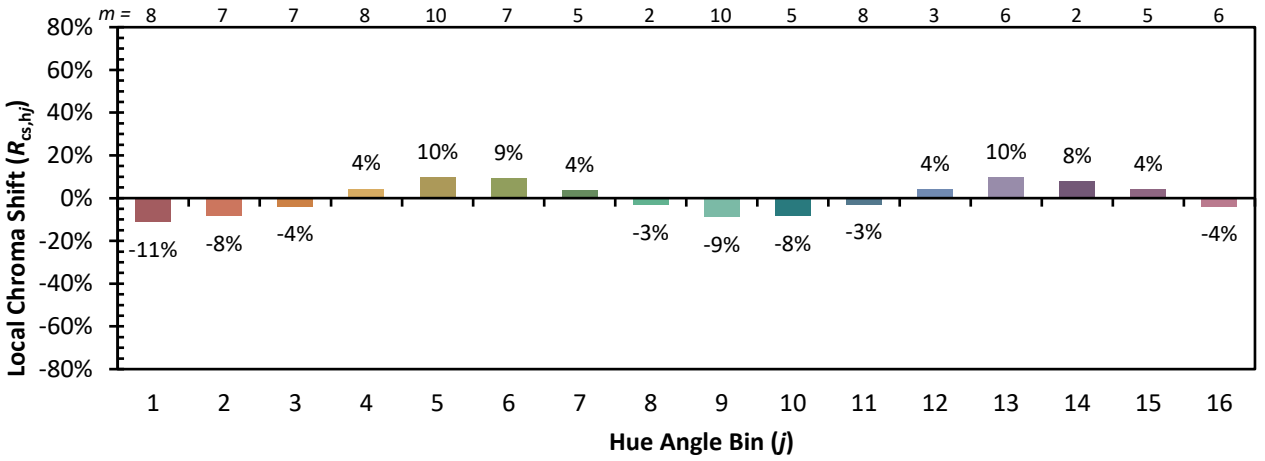
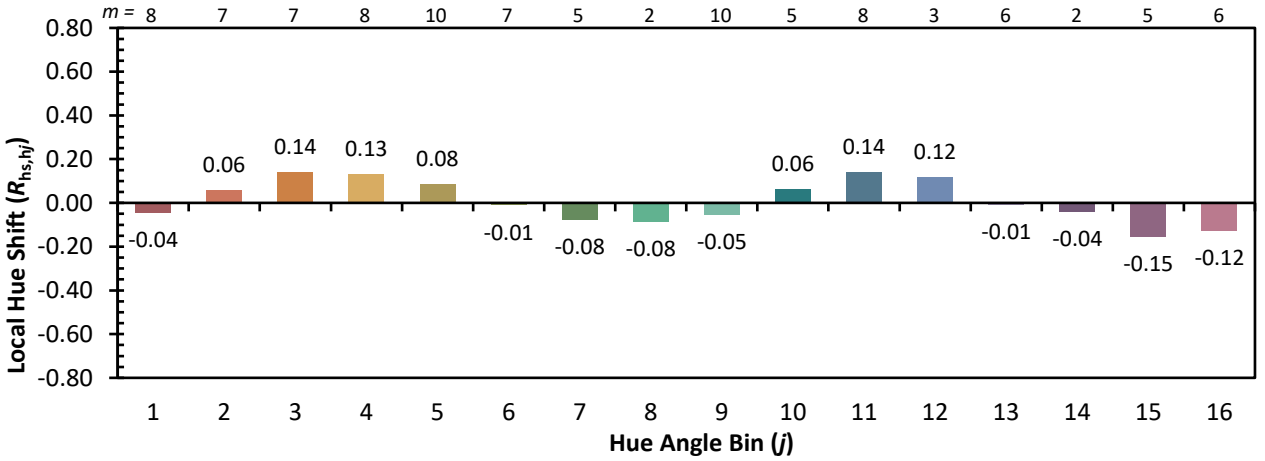
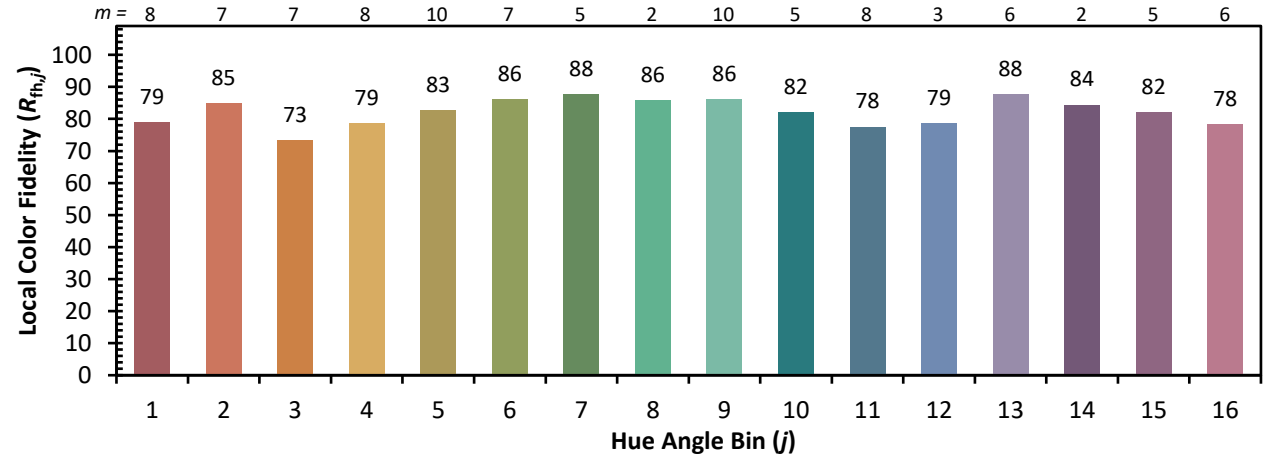
Color Rendition by Hue-Angle Bin







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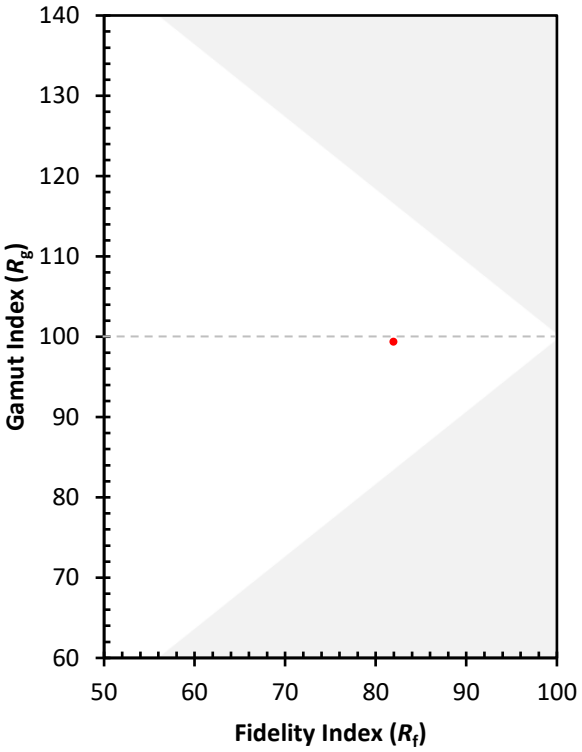
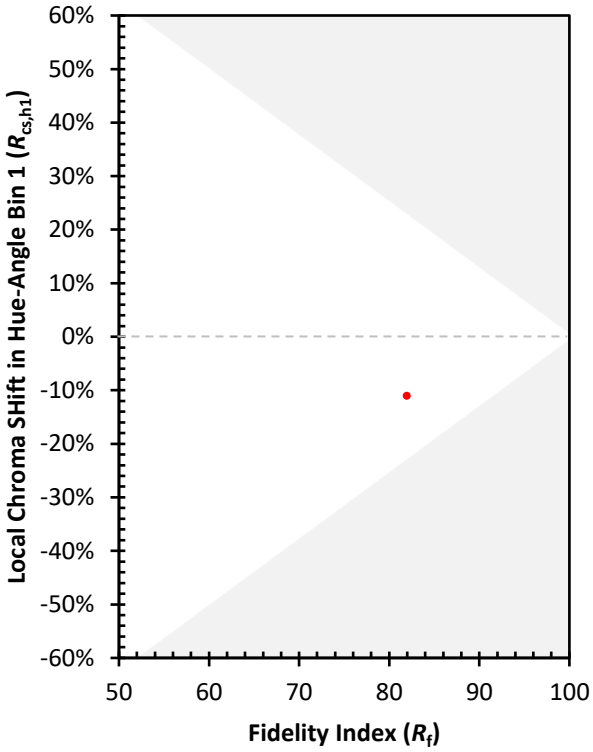
Measure Comparisons





(END OF REPORT)