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: P1459038

Luminaire Tested: GLAN-SB2D-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:	P1459038
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB2D-850-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 2xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(52) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	14113.5 lumens
Efficiency:	N/A
Efficacy:	95.6 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):	147.6
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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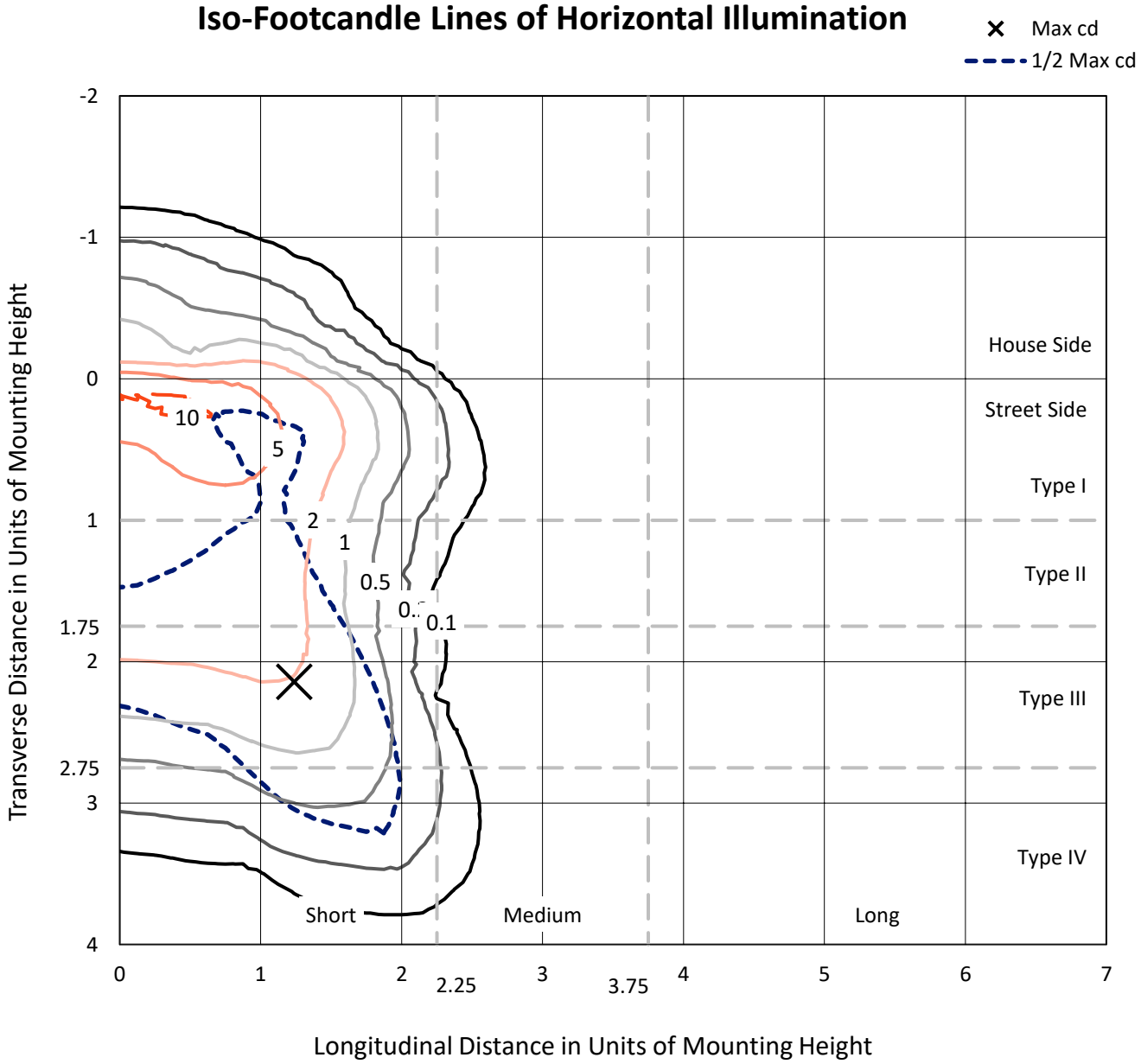
REPORT NUMBER: P1459038
CATALOG NUMBER: GLAN-SB2D-850-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 10.6 fc
Type IV - Short - N/A

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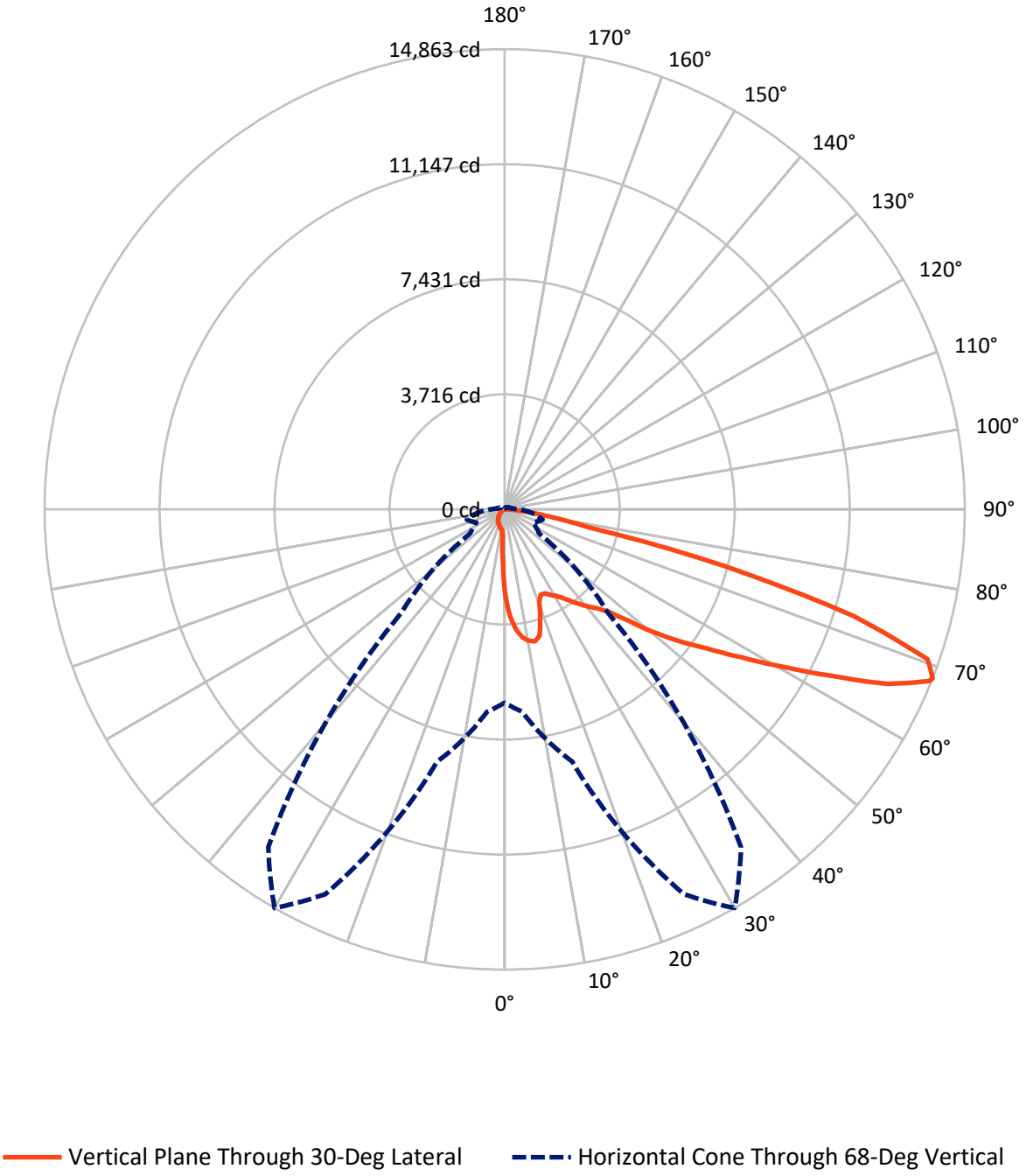
Luminous Intensity Polar Plot



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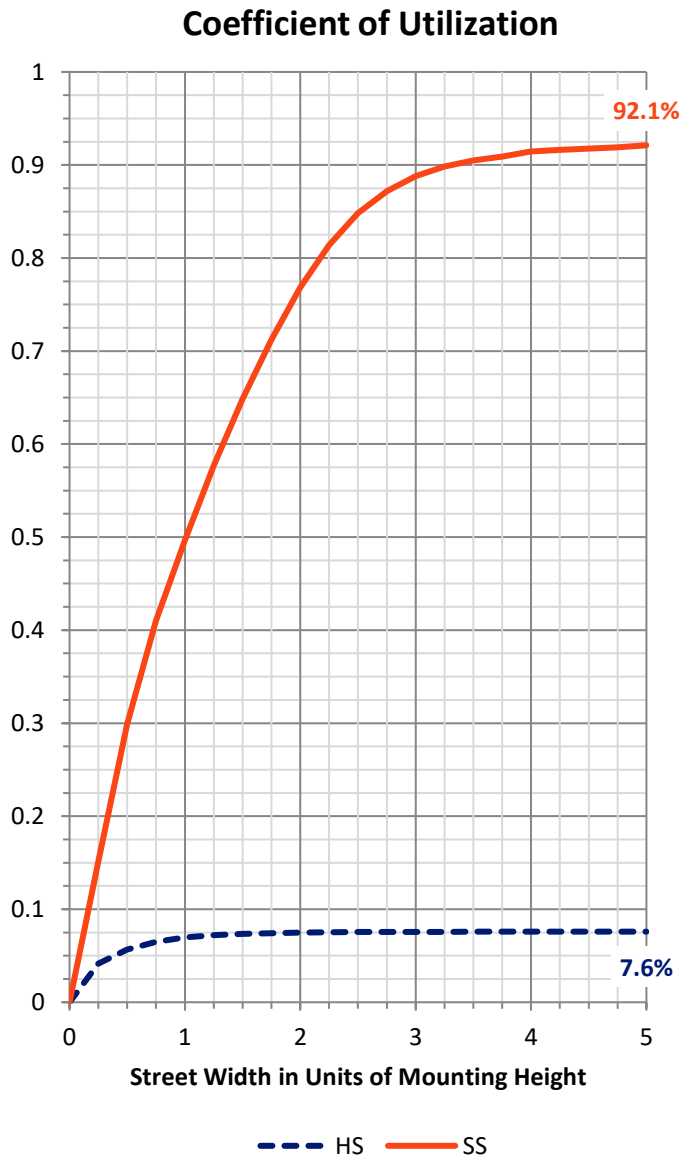
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1077.2	0.0	1077.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	13036.3	0.0	13036.3
	% Fixture	92.4	0.0	92.4
Total	Lumens	14113.5	0.0	14113.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	240.1	1.7
10°-20°	685.6	4.9
20°-30°	1077.4	7.6
30°-40°	1689.8	12.0
40°-50°	2525.7	17.9
50°-60°	3360.0	23.8
60°-70°	3248.1	23.0
70°-80°	1167.6	8.3
80°-90°	119.2	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°	14113.5	100.0
0°-180°	14113.5	100.0



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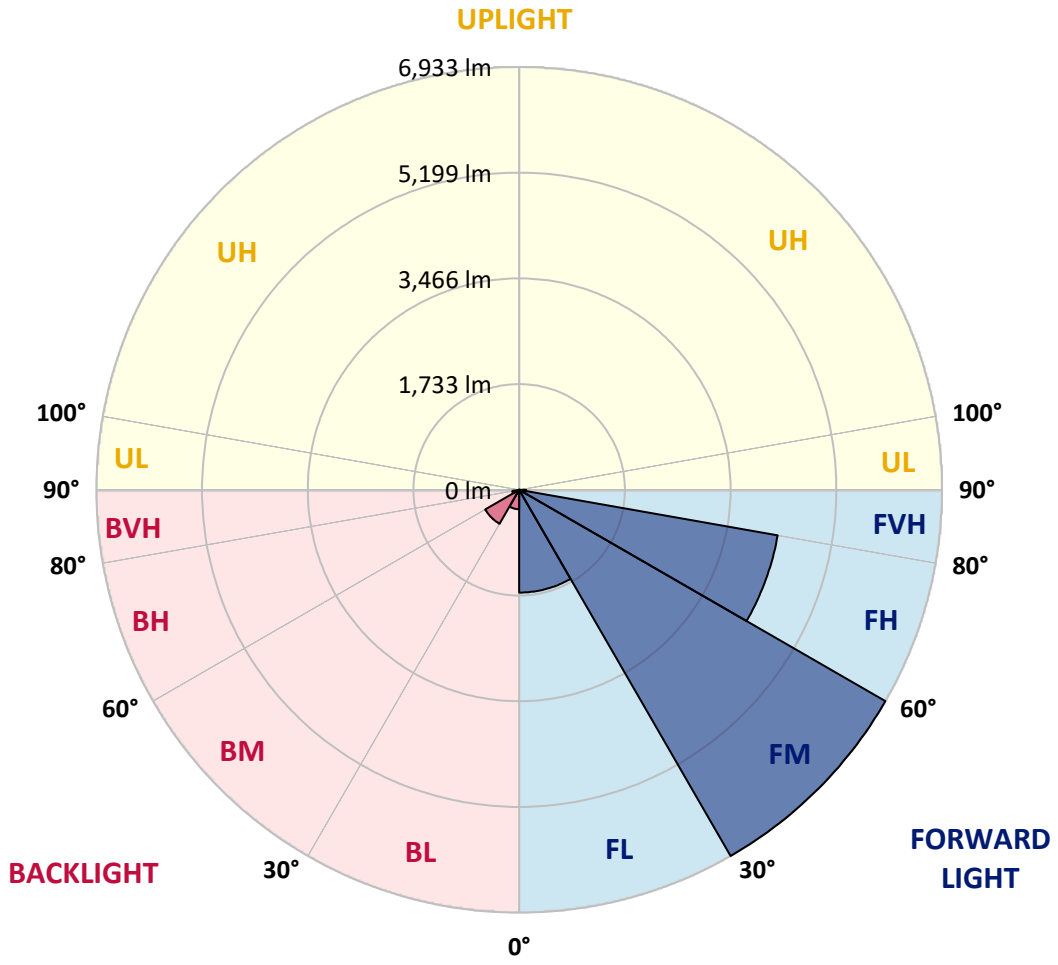
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1685.1	11.9			
FM	(30°-60°)	6932.5	49.1			
FH	(60°-80°)	4303.6	30.5			G2/5000
FVH	(80°-90°)	114.9	0.8			G2/225
BL	(0°-30°)	318.0	2.3	B1/500		
BM	(30°-60°)	643.0	4.6	B1/1000		
BH	(60°-80°)	112.0	0.8	B1/500		G1/500
BVH	(80°-90°)	4.2	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: P1459038
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2783.0	2783.0	2783.0	2783.0	*2783.0*	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0
2.5°	3557.0	3557.0	3531.6	3497.8	*3459.7*	3447.0	3375.1	3273.6	3167.9	3045.2	2867.6
5°	4013.8	4009.6	3958.8	3958.8	*3908.1*	3861.5	3789.6	3641.6	3472.4	3252.5	2943.7
7.5°	4216.8	4225.3	4204.1	4204.1	*4174.5*	4140.7	4098.4	3954.6	3755.8	3459.7	3019.9
10°	4288.7	4292.9	4292.9	4322.5	*4314.1*	4309.9	4305.6	4225.3	4018.0	3671.2	3100.2
12.5°	4115.3	4136.4	4195.7	4326.8	*4369.1*	4415.6	4479.0	4453.7	4309.9	3937.7	3222.9
15°	3557.0	3561.2	3726.2	4051.9	*4225.3*	4402.9	4648.2	4699.0	4605.9	4225.3	3349.8
17.5°	2935.3	2948.0	3079.1	3442.8	*3722.0*	4132.2	4745.5	4952.7	4918.9	4508.6	3468.2
20°	2677.3	2694.2	2757.6	2986.0	*3197.5*	3578.2	4648.2	5193.8	5206.5	4792.0	3578.2
22.5°	2618.1	2630.7	2681.5	2859.1	*2990.3*	3244.0	4318.3	5384.2	5532.2	5117.7	3709.3
25°	2601.1	2613.8	2690.0	2884.5	*3007.2*	3218.6	4018.0	5485.7	5917.1	5456.1	3836.2
27.5°	2588.5	2605.4	2728.0	2977.6	*3121.4*	3324.4	3963.0	5506.8	6285.0	5815.6	4043.4
30°	2605.4	2630.7	2791.5	3074.8	*3239.8*	3468.2	4094.2	5528.0	6691.1	6225.8	4305.6
32.5°	2673.0	2694.2	2888.7	3206.0	*3396.3*	3654.3	4318.3	5654.8	7075.9	6644.5	4555.2
35°	2749.2	2778.8	3011.4	3392.1	*3620.5*	3912.3	4622.8	5904.4	7443.9	7042.1	4813.2
37.5°	2842.2	2876.1	3155.2	3603.5	*3865.8*	4195.7	4952.7	6251.2	7769.6	7367.8	5071.2
40°	2969.1	3007.2	3320.2	3827.7	*4111.1*	4441.0	5278.4	6593.8	8019.1	7562.3	5240.3
42.5°	3468.2	3518.9	3650.1	4047.6	*4364.8*	4703.2	5599.9	6919.5	8112.2	7625.8	5274.2
45°	4398.7	4449.4	4415.6	4491.7	*4703.2*	5020.4	5950.9	7232.4	8124.9	7608.9	5257.3
47.5°	5333.4	5392.6	5363.0	5320.7	*5367.2*	5519.5	6344.2	7431.2	8057.2	7600.4	5257.3
50°	6225.8	6192.0	6196.2	6183.5	*6225.8*	6306.2	6724.9	7469.3	8040.3	7680.8	5303.8
52.5°	6703.8	6720.7	6826.4	6982.9	*7075.9*	7156.3	7160.5	7528.5	7917.6	7545.4	5248.8
55°	7173.2	7207.1	7452.4	7718.8	*7926.1*	8078.3	7596.2	7490.4	7185.9	7092.9	4961.2
57.5°	7701.9	7748.4	8095.3	8645.1	*9008.8*	9089.2	8027.6	6779.9	6082.0	6445.8	4402.9
60°	8429.4	8484.4	8945.4	9770.1	*10311.5*	10146.6	8061.4	5650.6	4830.1	5350.3	3633.1
62.5°	9000.4	9110.3	9943.5	11229.3	*11825.7*	11301.2	7431.2	4331.0	3375.1	3760.0	2651.9
65°	8391.3	8602.8	9960.5	12900.0	*13589.4*	12658.9	6441.5	2956.4	1903.3	2432.0	1696.0
67.5°	6784.1	7080.2	8843.9	13712.0	*14799.0*	13373.7	5071.2	1569.1	1091.2	1412.7	892.4
68°	*6242.7*	*6564.2*	*8433.6*	*13712.0*	*14862.5*	*13310.2*	*4707.4*	*1357.7*	*1006.6*	*1268.8*	*774.0*
70°	4314.1	4542.5	6483.8	12942.3	*14490.3*	12134.4	3100.2	778.2	757.1	871.3	511.8
72.5°	2114.7	2360.1	3468.2	10256.5	*11804.5*	9326.0	1412.7	516.0	575.2	638.7	401.8
75°	841.7	892.4	1366.1	5058.5	*7376.2*	5950.9	740.2	389.1	494.9	499.1	317.2
77.5°	482.2	511.8	757.1	1861.0	*2766.1*	2660.4	477.9	279.1	393.3	359.5	207.2
80°	270.7	274.9	427.2	981.2	*1581.8*	1416.9	325.7	203.0	300.3	253.8	139.6
82.5°	135.3	152.3	270.7	541.4	*879.7*	900.9	173.4	143.8	241.1	181.9	114.2
85°	97.3	105.7	194.6	300.3	*406.0*	609.0	105.7	71.9	181.9	122.7	80.4
87.5°	50.8	63.4	122.7	148.0	*165.0*	207.2	50.8	33.8	101.5	71.9	42.3
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: P1459038
CATALOG NUMBER: GLAN-SB2D-850-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0	2783.0
2.5°	2783.0	2685.7	2486.9	2254.3	2072.5	1886.4	1734.1	1590.3	1522.6	1514.2	1531.1
5°	2770.3	2558.8	2106.3	1662.2	1298.5	1044.7	905.1	833.2	795.1	778.2	782.5
7.5°	2744.9	2423.5	1700.3	1125.0	841.7	731.7	697.9	685.2	680.9	680.9	680.9
10°	2719.6	2241.6	1302.7	824.8	689.4	659.8	651.3	651.3	647.1	647.1	651.3
12.5°	2706.9	2072.5	1010.8	689.4	642.9	630.2	621.7	617.5	617.5	617.5	621.7
15°	2677.3	1886.4	816.3	638.7	613.3	596.4	592.1	587.9	587.9	587.9	587.9
17.5°	2651.9	1704.5	710.6	604.8	583.7	566.8	562.5	558.3	558.3	562.5	562.5
20°	2613.8	1531.1	638.7	571.0	554.1	537.1	532.9	528.7	532.9	532.9	532.9
22.5°	2567.3	1387.3	596.4	545.6	524.5	507.5	507.5	507.5	507.5	507.5	511.8
25°	2537.7	1285.8	566.8	516.0	494.9	482.2	477.9	477.9	486.4	486.4	490.6
27.5°	2584.2	1260.4	571.0	507.5	469.5	456.8	452.6	452.6	461.0	465.2	469.5
30°	2723.8	1306.9	621.7	532.9	452.6	431.4	427.2	427.2	439.9	444.1	448.3
32.5°	2884.5	1404.2	697.9	566.8	439.9	406.0	397.6	397.6	410.3	414.5	418.7
35°	3104.5	1556.5	799.4	596.4	448.3	380.7	363.7	363.7	372.2	380.7	384.9
37.5°	3387.8	1806.0	917.8	617.5	448.3	351.0	329.9	325.7	334.1	334.1	338.4
40°	3683.9	2131.7	1040.5	617.5	427.2	321.4	300.3	287.6	291.8	287.6	291.8
42.5°	3848.8	2393.9	1146.2	579.4	401.8	291.8	270.7	253.8	249.5	241.1	245.3
45°	3941.9	2512.3	1116.6	537.1	376.4	270.7	245.3	224.2	215.7	203.0	203.0
47.5°	3941.9	2525.0	955.9	503.3	351.0	253.8	219.9	198.8	186.1	173.4	177.6
50°	3895.4	2410.8	757.1	469.5	321.4	236.9	198.8	181.9	165.0	156.5	156.5
52.5°	3700.8	2038.6	579.4	427.2	287.6	215.7	177.6	160.7	143.8	139.6	139.6
55°	3366.7	1497.2	469.5	384.9	258.0	198.8	160.7	148.0	131.1	122.7	122.7
57.5°	2736.5	1023.5	389.1	346.8	228.4	177.6	143.8	131.1	110.0	101.5	101.5
60°	2030.2	668.3	329.9	304.5	194.6	160.7	126.9	110.0	93.0	84.6	80.4
62.5°	1370.4	452.6	274.9	241.1	165.0	139.6	110.0	93.0	71.9	55.0	55.0
65°	854.4	351.0	228.4	190.3	143.8	122.7	93.0	71.9	50.8	38.1	33.8
67.5°	490.6	283.4	186.1	148.0	122.7	97.3	71.9	59.2	42.3	29.6	25.4
68°	*452.6*	*270.7*	*173.4*	*139.6*	*114.2*	*93.0*	*67.7*	*55.0*	*38.1*	*25.4*	*25.4*
70°	368.0	241.1	148.0	114.2	97.3	76.1	59.2	46.5	29.6	16.9	16.9
72.5°	325.7	203.0	126.9	88.8	67.7	63.4	46.5	33.8	21.1	12.7	8.5
75°	266.5	160.7	101.5	67.7	46.5	46.5	33.8	21.1	8.5	0.0	0.0
77.5°	173.4	118.4	80.4	42.3	25.4	29.6	21.1	8.5	0.0	0.0	0.0
80°	114.2	88.8	55.0	21.1	12.7	12.7	4.2	0.0	0.0	0.0	0.0
82.5°	80.4	59.2	33.8	8.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0
85°	50.8	25.4	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.1	8.5	4.2	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

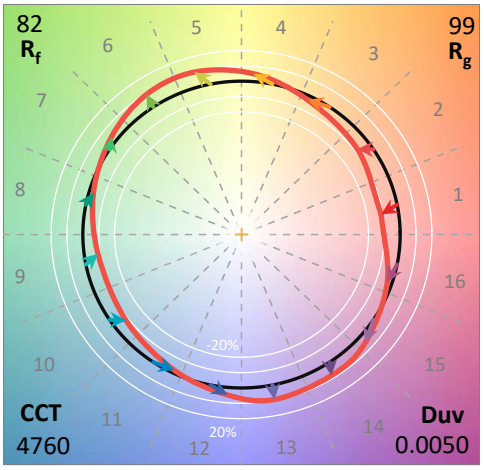
Test Information

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



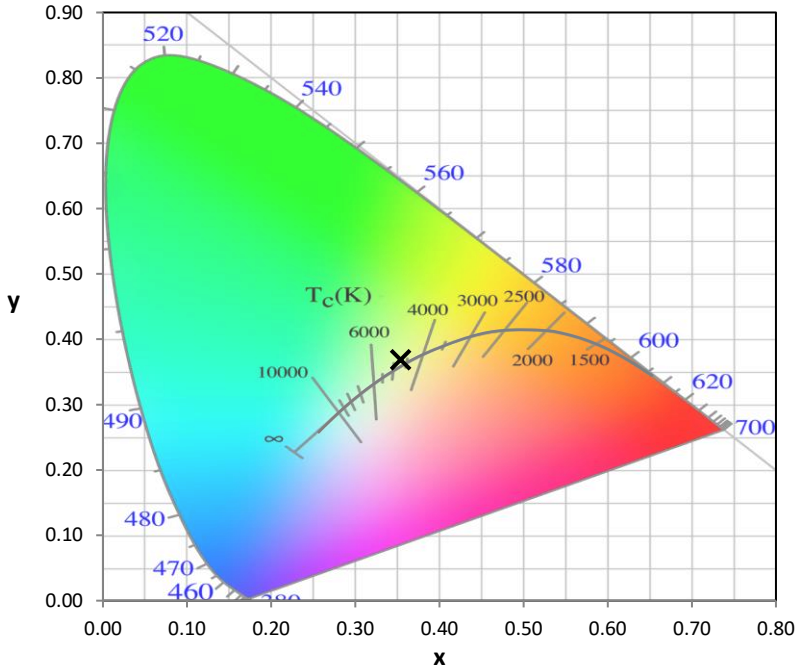
Test Conditions

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

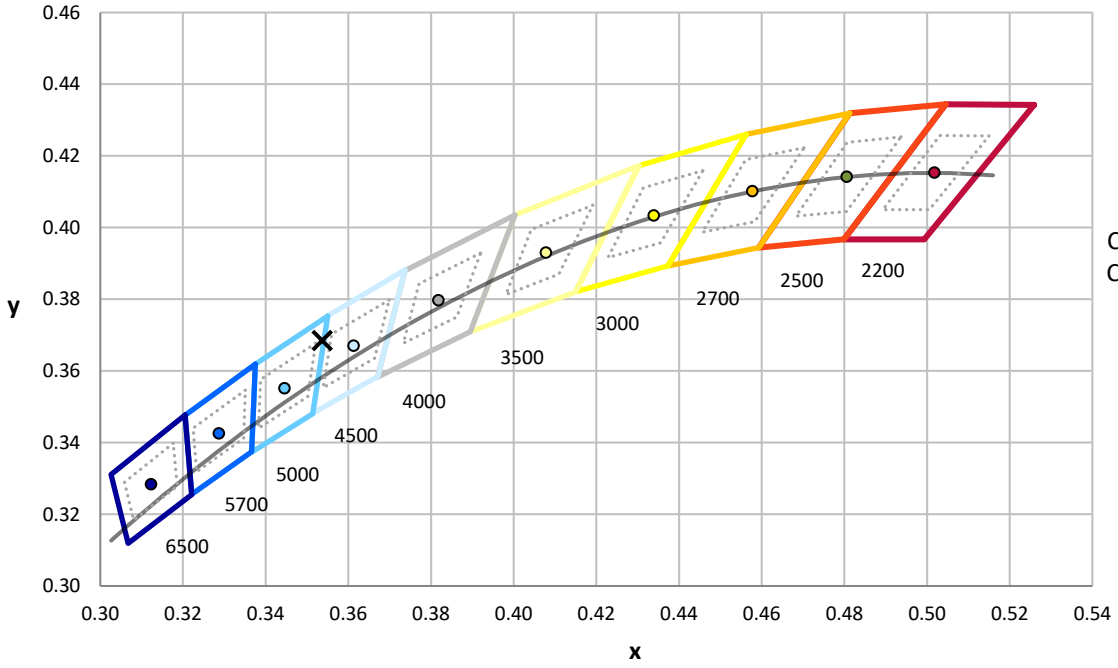
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

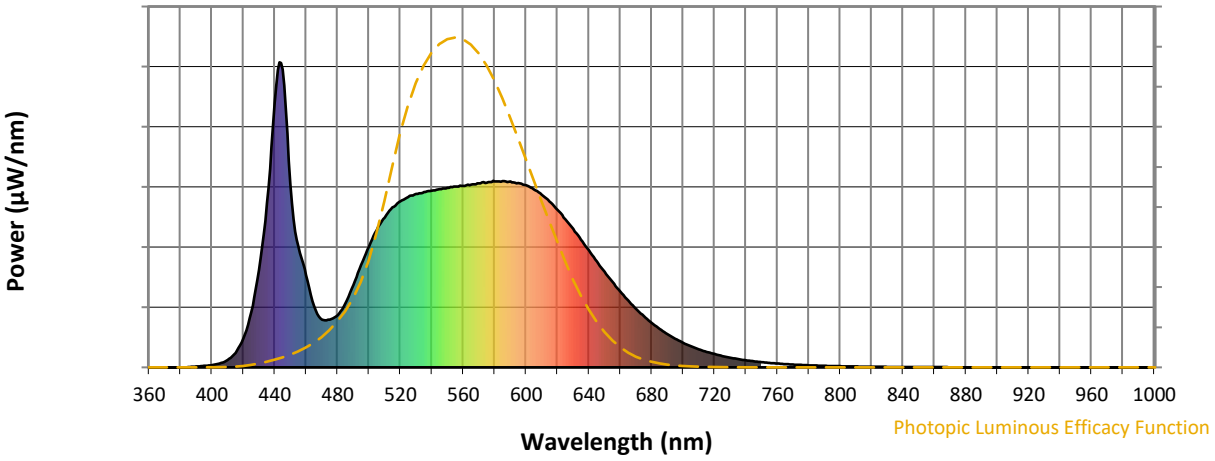


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

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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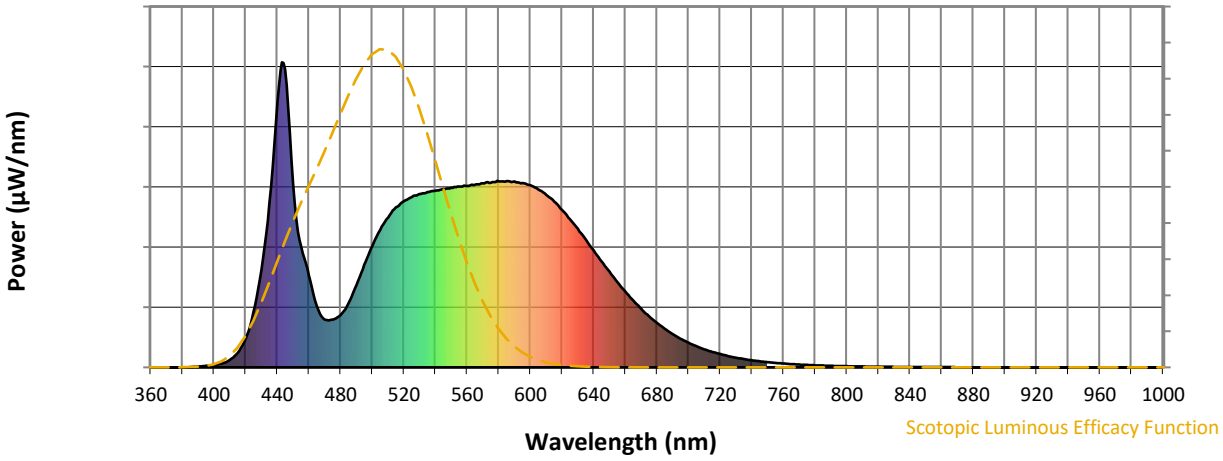
Scotopic Flux vs. Wavelength



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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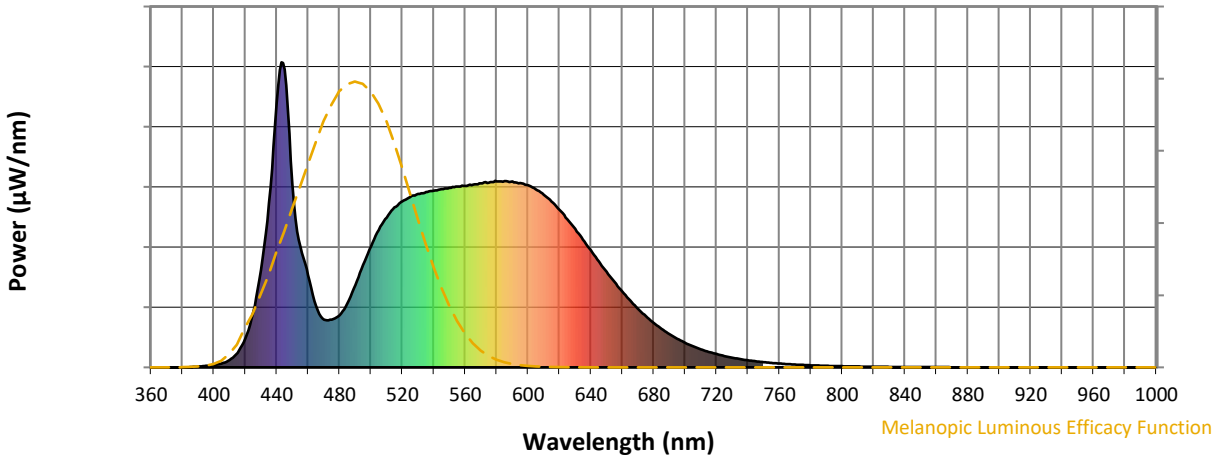
Melanopic Flux vs. Wavelength



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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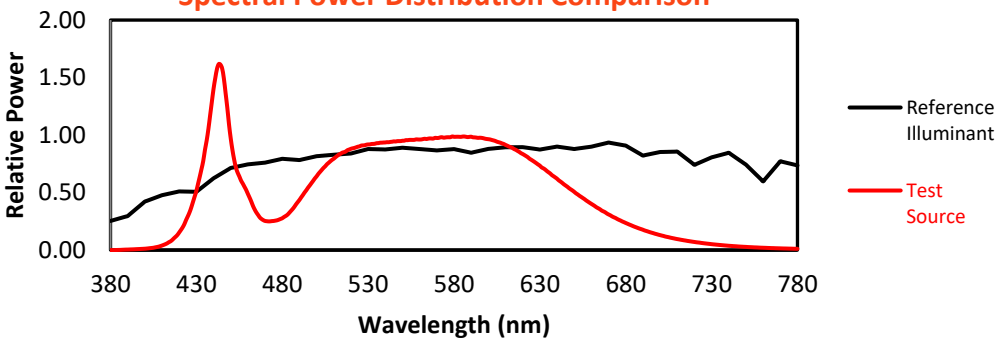
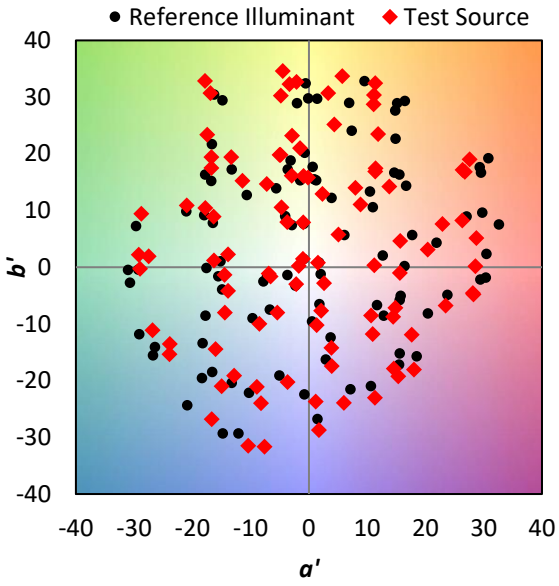
Summary

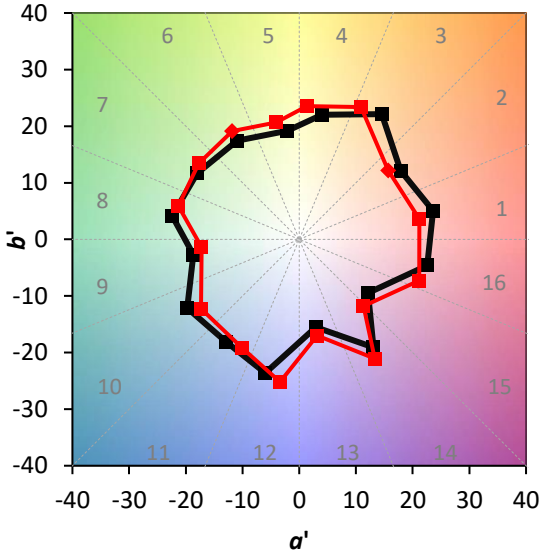
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

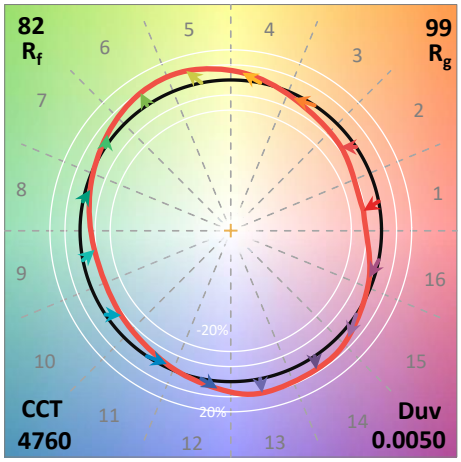
Spectral Power Distribution Comparison

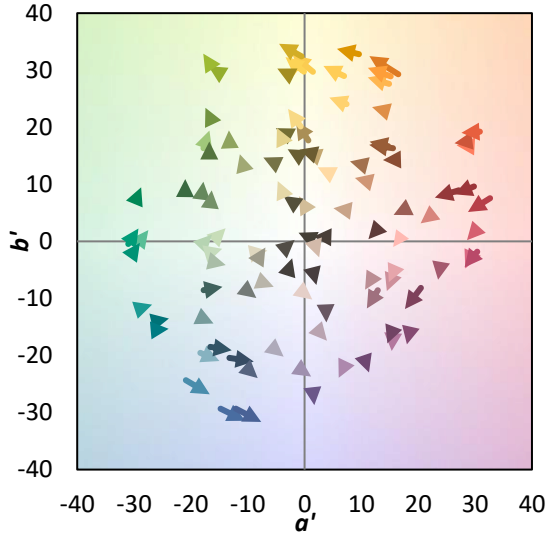


Color Vector Graphics









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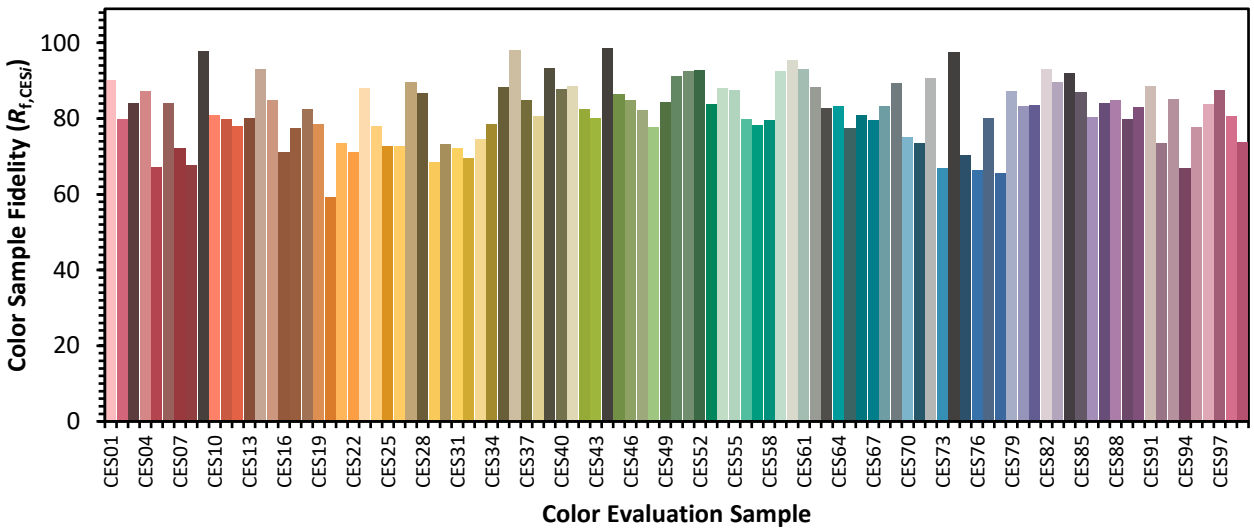
Individual Sample Fidelity Index ($R_{f,i}$)

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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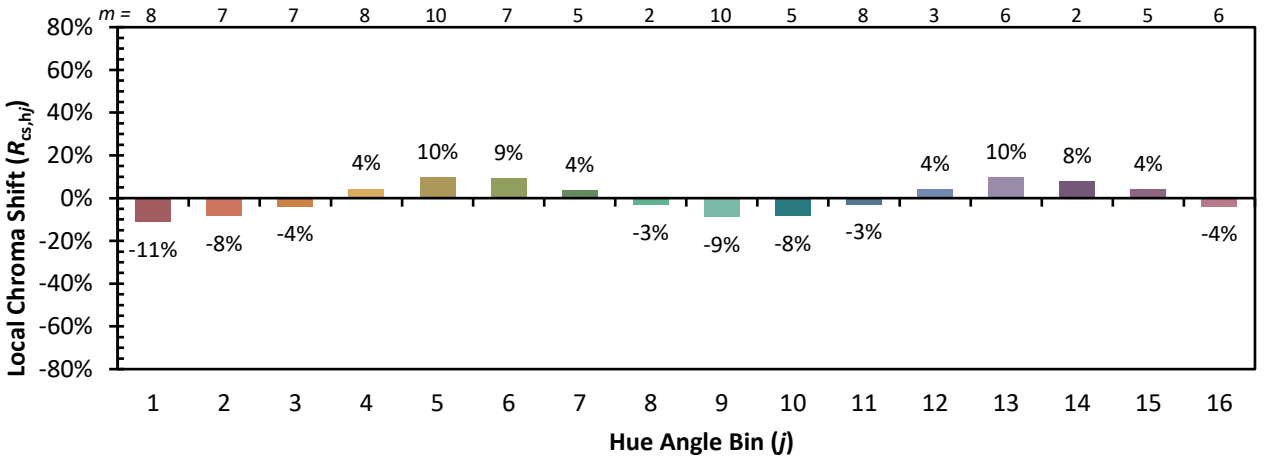
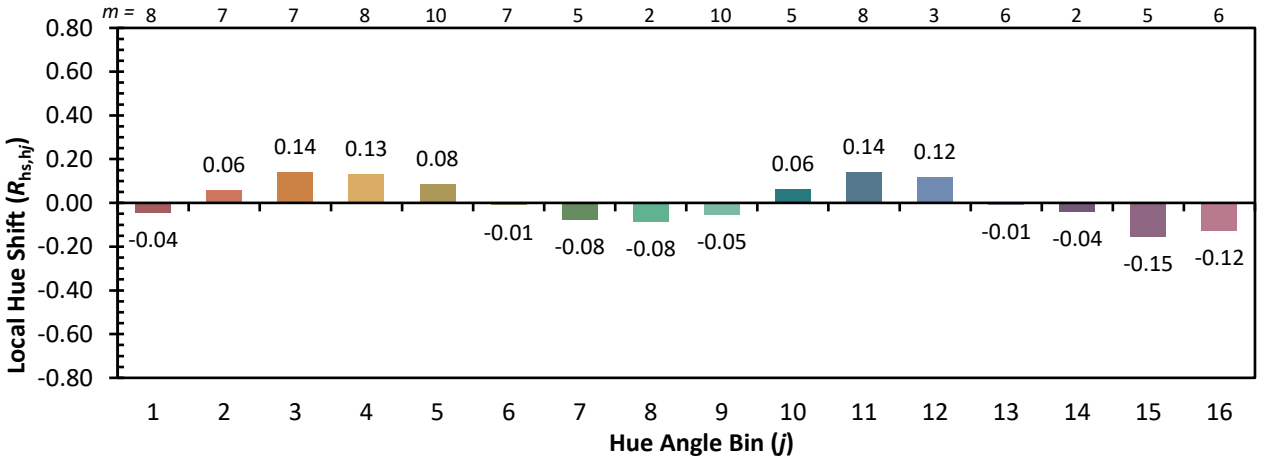
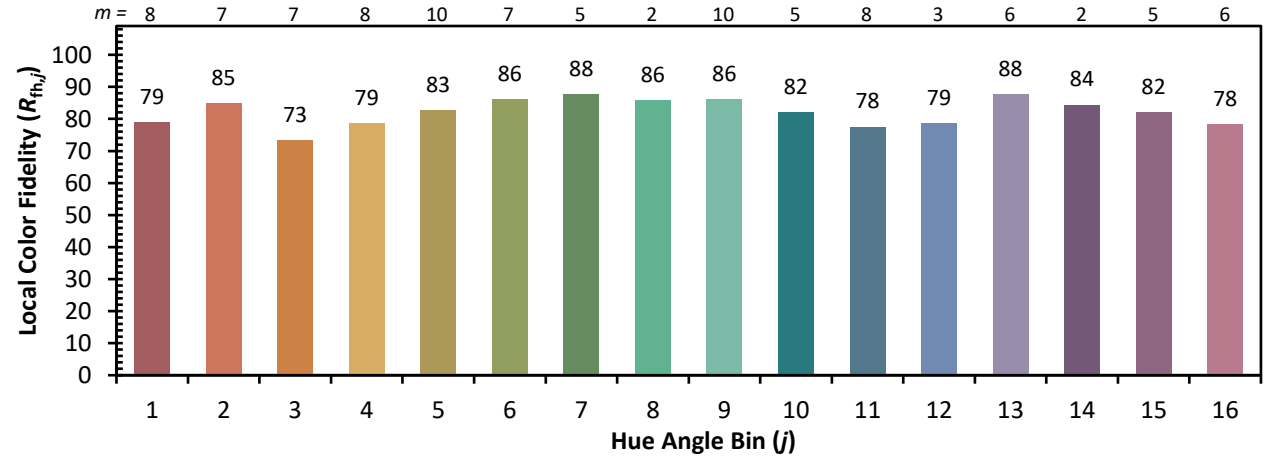
Color Rendition by Hue-Angle Bin







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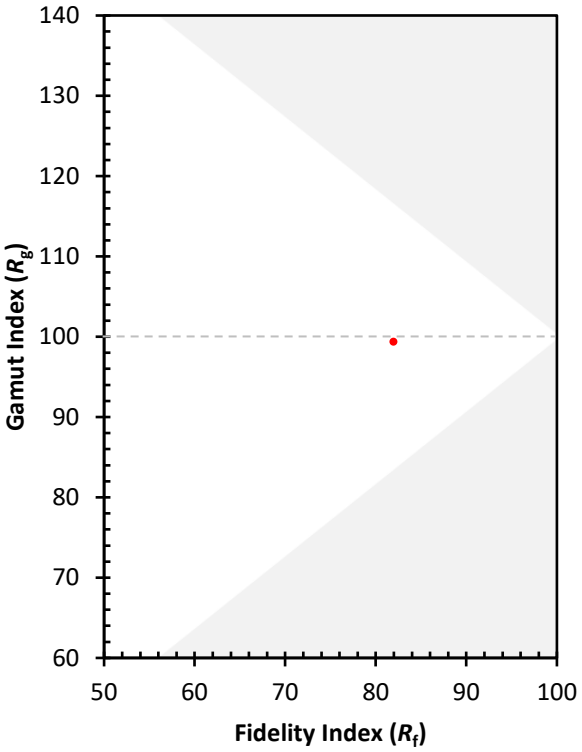
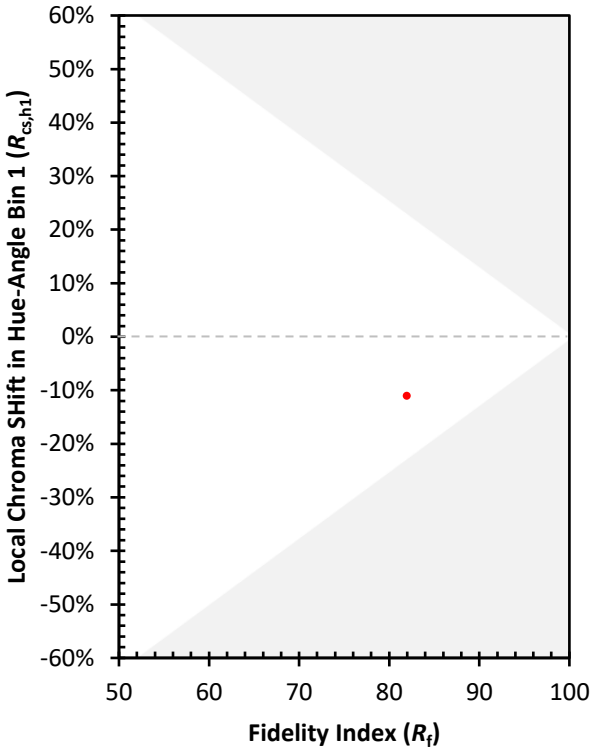
Measure Comparisons





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