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: P1458971

Luminaire Tested: GLAN-SB4A-835-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:	P1458971
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-835-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 3500K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 3500K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12095.6 lumens
Efficiency:	N/A
Efficacy:	106.1 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: P1458971
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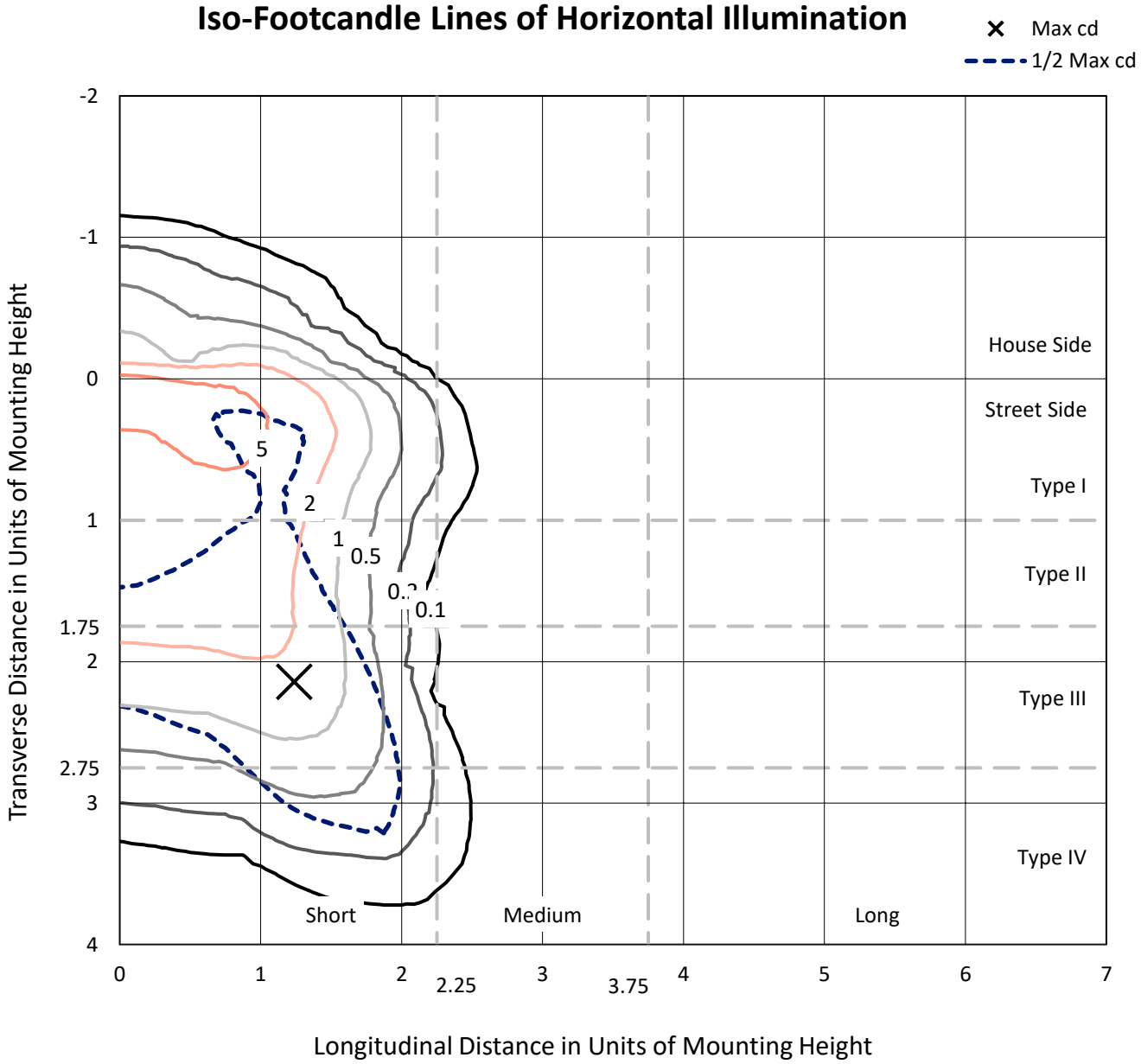
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 9.1 fc
Type IV - Short - N/A

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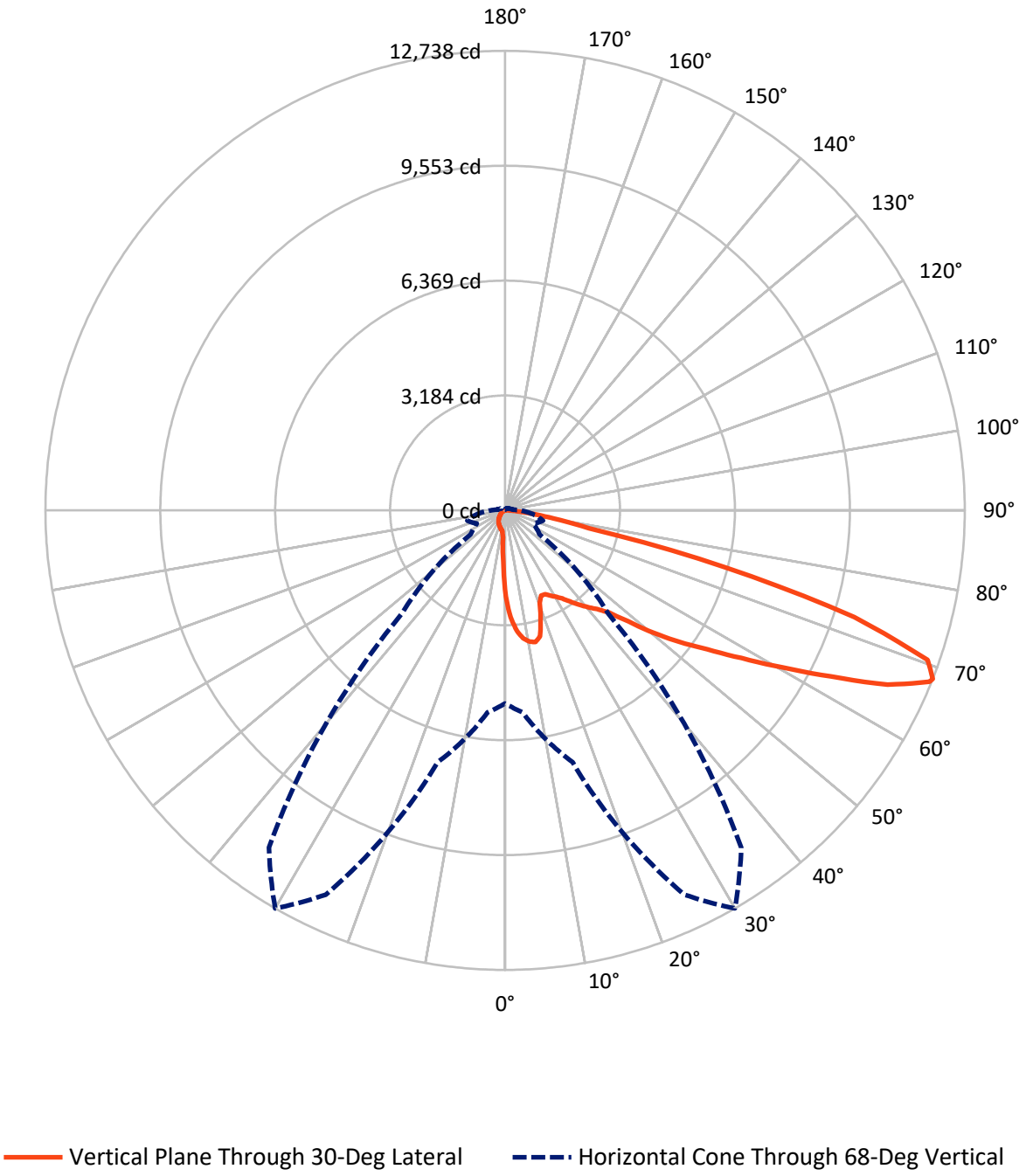
Luminous Intensity Polar Plot



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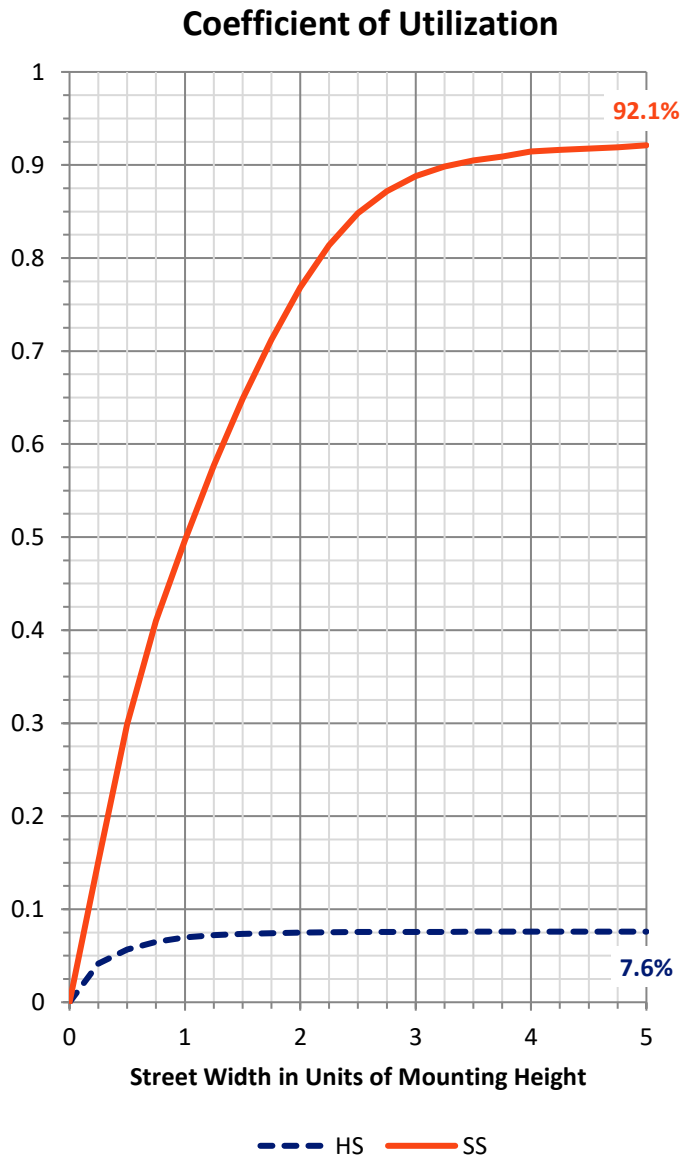
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	923.2	0.0	923.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	11172.4	0.0	11172.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	12095.6	0.0	12095.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	205.8	1.7
10°-20°	587.6	4.9
20°-30°	923.3	7.6
30°-40°	1448.2	12.0
40°-50°	2164.6	17.9
50°-60°	2879.6	23.8
60°-70°	2783.7	23.0
70°-80°	1000.6	8.3
80°-90°	102.1	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°	12095.6	100.0
0°-180°	12095.6	100.0



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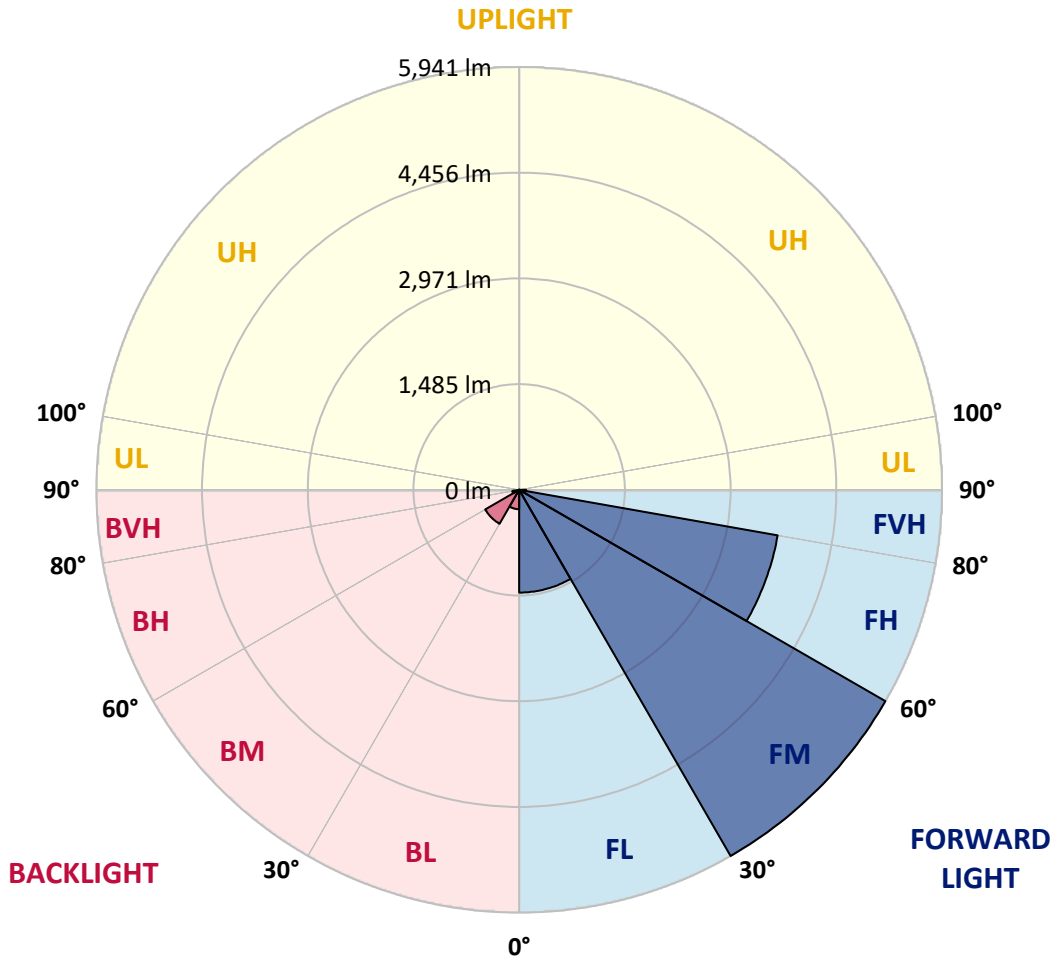
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1444.2	11.9			
FM	(30°-60°)	5941.4	49.1			
FH	(60°-80°)	3688.3	30.5			G2/5000
FVH	(80°-90°)	98.5	0.8			G1/100
BL	(0°-30°)	272.5	2.3	B1/500		
BM	(30°-60°)	551.1	4.6	B1/1000		
BH	(60°-80°)	96.0	0.8	B0/110		G0/110
BVH	(80°-90°)	3.6	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: P1458971
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2385.1	2385.1	2385.1	2385.1	*2385.1*	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1
2.5°	3048.5	3048.5	3026.7	2997.7	*2965.1*	2954.2	2892.6	2805.6	2715.0	2609.9	2457.6
5°	3439.9	3436.3	3392.8	3392.8	*3349.3*	3309.4	3247.8	3121.0	2976.0	2787.5	2522.9
7.5°	3613.9	3621.2	3603.1	3603.1	*3577.7*	3548.7	3512.4	3389.2	3218.8	2965.1	2588.1
10°	3675.6	3679.2	3679.2	3704.5	*3697.3*	3693.7	3690.0	3621.2	3443.6	3146.3	2657.0
12.5°	3526.9	3545.1	3595.8	3708.2	*3744.4*	3784.3	3838.7	3816.9	3693.7	3374.7	2762.1
15°	3048.5	3052.1	3193.5	3472.6	*3621.2*	3773.4	3983.7	4027.2	3947.4	3621.2	2870.8
17.5°	2515.6	2526.5	2638.9	2950.6	*3189.8*	3541.4	4067.0	4244.6	4215.6	3864.0	2972.3
20°	2294.5	2309.0	2363.4	2559.1	*2740.4*	3066.6	3983.7	4451.3	4462.1	4106.9	3066.6
22.5°	2243.8	2254.6	2298.1	2450.4	*2562.7*	2780.2	3700.9	4614.4	4741.2	4386.0	3179.0
25°	2229.3	2240.1	2305.4	2472.1	*2577.2*	2758.5	3443.6	4701.4	5071.1	4676.0	3287.7
27.5°	2218.4	2232.9	2338.0	2551.9	*2675.1*	2849.1	3396.4	4719.5	5386.5	4984.1	3465.3
30°	2232.9	2254.6	2392.4	2635.2	*2776.6*	2972.3	3508.8	4737.6	5734.4	5335.7	3690.0
32.5°	2290.9	2309.0	2475.7	2747.6	*2910.7*	3131.8	3700.9	4846.4	6064.3	5694.6	3903.9
35°	2356.1	2381.5	2580.9	2907.1	*3102.8*	3352.9	3961.9	5060.2	6379.7	6035.3	4125.0
37.5°	2435.9	2464.9	2704.1	3088.3	*3313.1*	3595.8	4244.6	5357.5	6658.8	6314.4	4346.1
40°	2544.6	2577.2	2845.5	3280.4	*3523.3*	3806.0	4523.8	5651.1	6872.6	6481.1	4491.1
42.5°	2972.3	3015.8	3128.2	3468.9	*3740.8*	4030.8	4799.2	5930.2	6952.4	6535.5	4520.1
45°	3769.8	3813.3	3784.3	3849.5	*4030.8*	4302.6	5100.1	6198.4	6963.2	6521.0	4505.6
47.5°	4570.9	4621.6	4596.3	4560.0	*4599.9*	4730.4	5437.2	6368.8	6905.3	6513.8	4505.6
50°	5335.7	5306.7	5310.3	5299.5	*5335.7*	5404.6	5763.4	6401.4	6890.8	6582.6	4545.5
52.5°	5745.3	5759.8	5850.4	5984.6	*6064.3*	6133.2	6136.8	6452.2	6785.6	6466.6	4498.4
55°	6147.7	6176.7	6386.9	6615.3	*6792.9*	6923.4	6510.1	6419.5	6158.5	6078.8	4251.9
57.5°	6600.8	6640.6	6937.9	7409.1	*7720.8*	7789.7	6879.9	5810.6	5212.5	5524.2	3773.4
60°	7224.2	7271.4	7666.5	8373.3	*8837.3*	8695.9	6908.9	4842.7	4139.5	4585.4	3113.7
62.5°	7713.6	7807.8	8521.9	9623.9	*10135.0*	9685.5	6368.8	3711.8	2892.6	3222.5	2272.8
65°	7191.6	7372.9	8536.4	11055.7	*11646.5*	10849.0	5520.6	2533.7	1631.2	2084.3	1453.5
67.5°	5814.2	6067.9	7579.5	11751.6	*12683.2*	11461.6	4346.1	1344.8	935.2	1210.7	764.8
68°	*5350.2*	*5625.7*	*7227.9*	*11751.6*	*12737.6*	*11407.3*	*4034.4*	*1163.6*	*862.7*	*1087.4*	*663.3*
70°	3697.3	3893.0	5556.8	11091.9	*12418.6*	10399.6	2657.0	667.0	648.8	746.7	438.6
72.5°	1812.4	2022.6	2972.3	8790.1	*10116.8*	7992.7	1210.7	442.2	493.0	547.3	344.4
75°	721.3	764.8	1170.8	4335.3	*6321.7*	5100.1	634.3	333.5	424.1	427.7	271.9
77.5°	413.2	438.6	648.8	1594.9	*2370.6*	2280.0	409.6	239.2	337.1	308.1	177.6
80°	232.0	235.6	366.1	841.0	*1355.7*	1214.3	279.1	174.0	257.4	217.5	119.6
82.5°	116.0	130.5	232.0	464.0	*754.0*	772.1	148.6	123.2	206.6	155.9	97.9
85°	83.4	90.6	166.7	257.4	*348.0*	522.0	90.6	61.6	155.9	105.1	68.9
87.5°	43.5	54.4	105.1	126.9	*141.4*	177.6	43.5	29.0	87.0	61.6	36.2
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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Scaled Data Report

REPORT NUMBER: P1458971
CATALOG NUMBER: GLAN-SB4A-835-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1	2385.1
2.5°	2385.1	2301.8	2131.4	1932.0	1776.2	1616.7	1486.2	1362.9	1304.9	1297.7	1312.2
5°	2374.2	2193.0	1805.2	1424.5	1112.8	895.3	775.7	714.1	681.5	667.0	670.6
7.5°	2352.5	2077.0	1457.2	964.2	721.3	627.1	598.1	587.2	583.6	583.6	583.6
10°	2330.7	1921.1	1116.4	706.8	590.8	565.5	558.2	558.2	554.6	554.6	558.2
12.5°	2319.9	1776.2	866.3	590.8	551.0	540.1	532.8	529.2	529.2	529.2	532.8
15°	2294.5	1616.7	699.6	547.3	525.6	511.1	507.5	503.8	503.8	503.8	503.8
17.5°	2272.8	1460.8	609.0	518.3	500.2	485.7	482.1	478.5	478.5	482.1	482.1
20°	2240.1	1312.2	547.3	489.3	474.8	460.4	456.7	453.1	456.7	456.7	456.7
22.5°	2200.3	1188.9	511.1	467.6	449.5	435.0	435.0	435.0	435.0	435.0	438.6
25°	2174.9	1101.9	485.7	442.2	424.1	413.2	409.6	409.6	416.9	416.9	420.5
27.5°	2214.8	1080.2	489.3	435.0	402.4	391.5	387.9	387.9	395.1	398.7	402.4
30°	2334.4	1120.1	532.8	456.7	387.9	369.7	366.1	366.1	377.0	380.6	384.2
32.5°	2472.1	1203.4	598.1	485.7	377.0	348.0	340.7	340.7	351.6	355.2	358.9
35°	2660.6	1333.9	685.1	511.1	384.2	326.2	311.7	311.7	319.0	326.2	329.9
37.5°	2903.5	1547.8	786.6	529.2	384.2	300.9	282.7	279.1	286.4	286.4	290.0
40°	3157.2	1826.9	891.7	529.2	366.1	275.5	257.4	246.5	250.1	246.5	250.1
42.5°	3298.6	2051.6	982.3	496.6	344.4	250.1	232.0	217.5	213.9	206.6	210.2
45°	3378.3	2153.1	956.9	460.4	322.6	232.0	210.2	192.1	184.9	174.0	174.0
47.5°	3378.3	2164.0	819.2	431.4	300.9	217.5	188.5	170.4	159.5	148.6	152.2
50°	3338.4	2066.1	648.8	402.4	275.5	203.0	170.4	155.9	141.4	134.1	134.1
52.5°	3171.7	1747.2	496.6	366.1	246.5	184.9	152.2	137.7	123.2	119.6	119.6
55°	2885.3	1283.2	402.4	329.9	221.1	170.4	137.7	126.9	112.4	105.1	105.1
57.5°	2345.2	877.2	333.5	297.2	195.7	152.2	123.2	112.4	94.2	87.0	87.0
60°	1739.9	572.7	282.7	261.0	166.7	137.7	108.7	94.2	79.7	72.5	68.9
62.5°	1174.4	387.9	235.6	206.6	141.4	119.6	94.2	79.7	61.6	47.1	47.1
65°	732.2	300.9	195.7	163.1	123.2	105.1	79.7	61.6	43.5	32.6	29.0
67.5°	420.5	242.9	159.5	126.9	105.1	83.4	61.6	50.7	36.2	25.4	21.7
68°	*387.9*	*232.0*	*148.6*	*119.6*	*97.9*	*79.7*	*58.0*	*47.1*	*32.6*	*21.7*	*21.7*
70°	315.4	206.6	126.9	97.9	83.4	65.2	50.7	39.9	25.4	14.5	14.5
72.5°	279.1	174.0	108.7	76.1	58.0	54.4	39.9	29.0	18.1	10.9	7.2
75°	228.4	137.7	87.0	58.0	39.9	39.9	29.0	18.1	7.2	0.0	0.0
77.5°	148.6	101.5	68.9	36.2	21.7	25.4	18.1	7.2	0.0	0.0	0.0
80°	97.9	76.1	47.1	18.1	10.9	10.9	3.6	0.0	0.0	0.0	0.0
82.5°	68.9	50.7	29.0	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0
85°	43.5	21.7	10.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.1	7.2	3.6	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

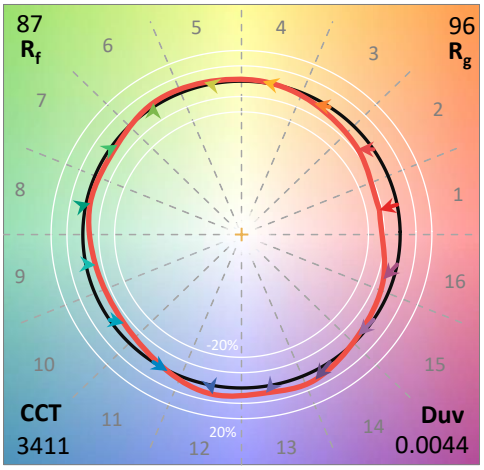
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-10
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-835-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3411
CIE u':	0.2360
CIE v':	0.5189
Duv:	0.0044
CIE x:	0.4154
CIE y:	0.4059
CIE z:	0.1787
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	579
Purity:	46.51914
Rf:	86.6
Rg:	95.9

CRI (Ra):	83.5
R1:	81.1
R2:	88.9
R3:	97.2
R4:	83.8
R5:	81.7
R6:	86.9
R7:	86.1
R8:	62.2
R9:	6.3
R10:	75.4
R11:	84.1
R12:	69.7
R13:	82.8
R14:	98.5
R15:	72.6



Test Conditions

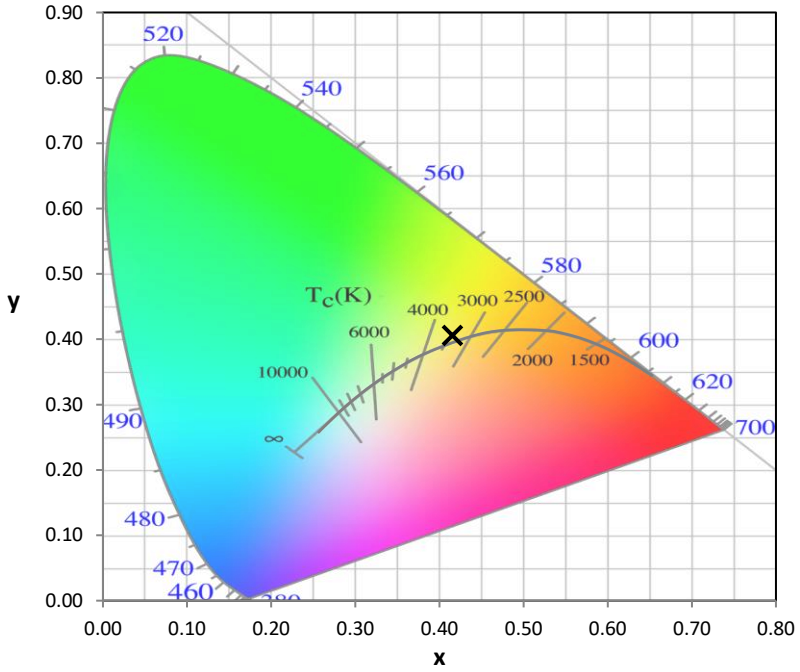
Stabilization Time:	35M
Operation Time:	1H 35M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-10

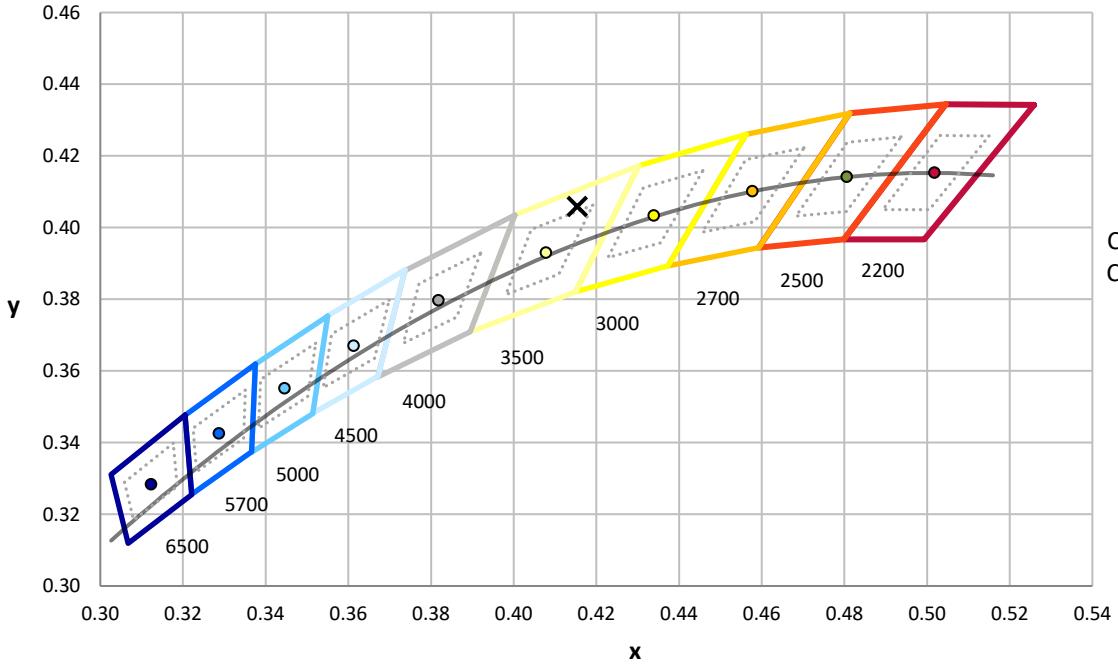
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



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

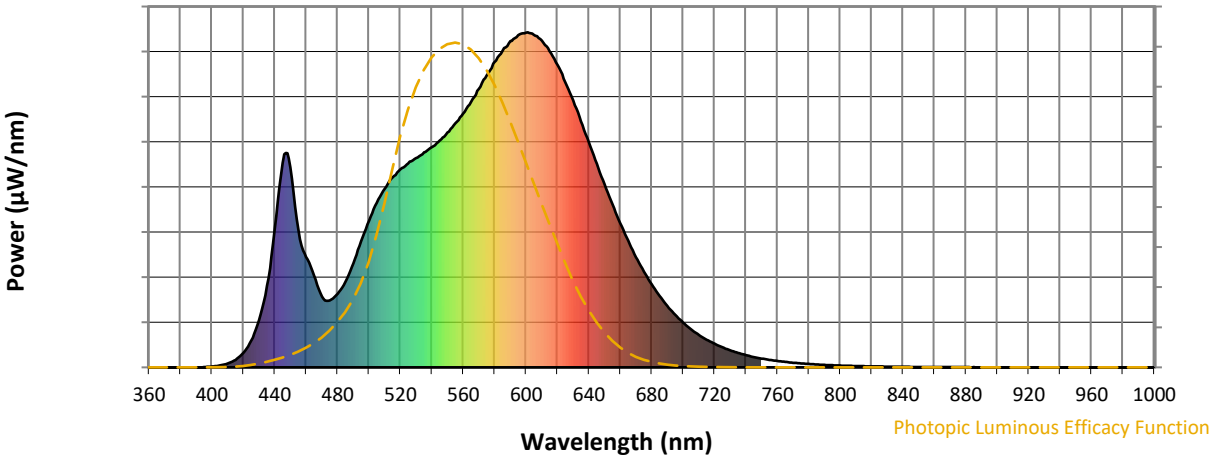


CCT = 3411K
CIE x = 0.4154
CIE y = 0.4059
Duv = 0.0044

Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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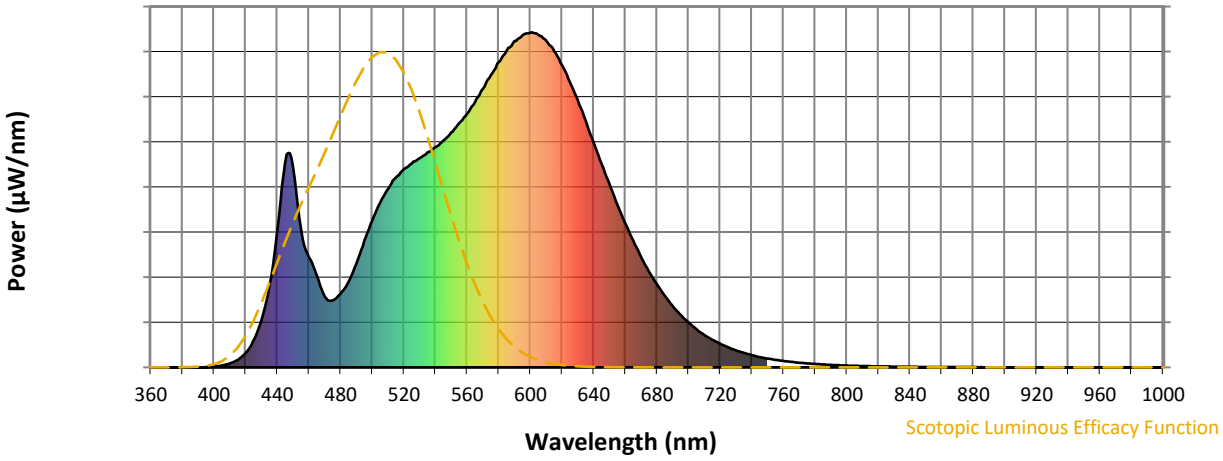
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.48**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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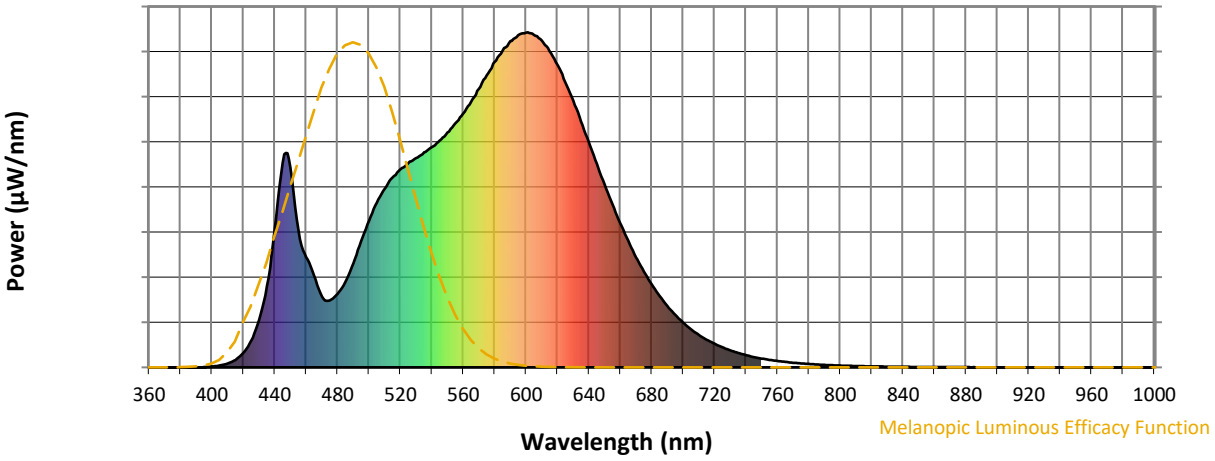
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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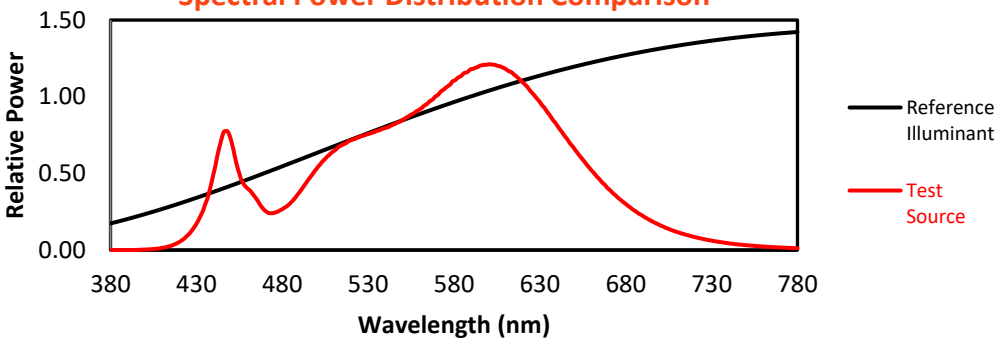
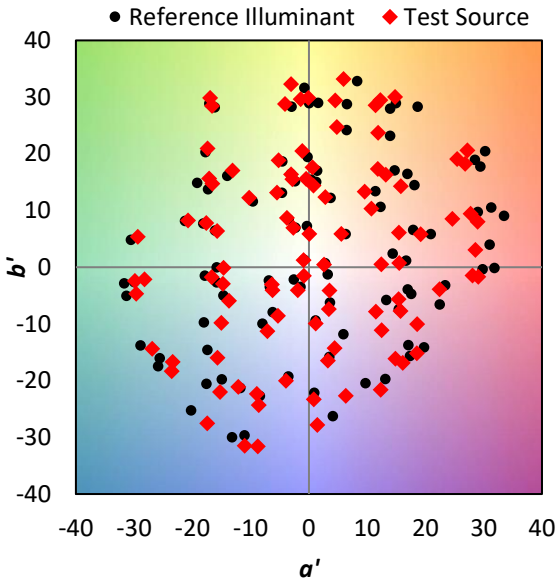
Summary

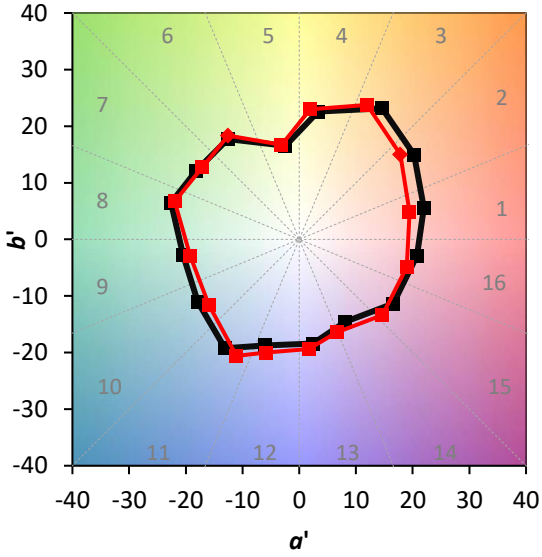
R_f = 86.6
R_g = 95.9
CIE R_a = 83.5
R_9 = 6.3

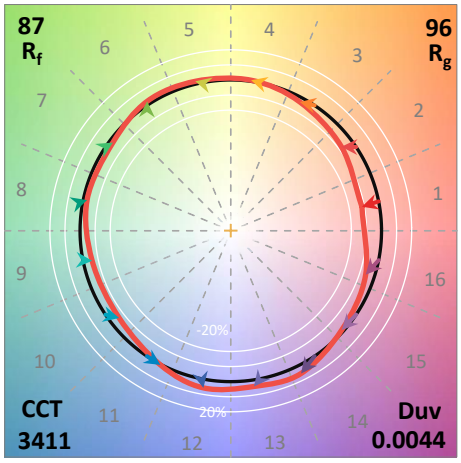
Spectral Power Distribution Comparison

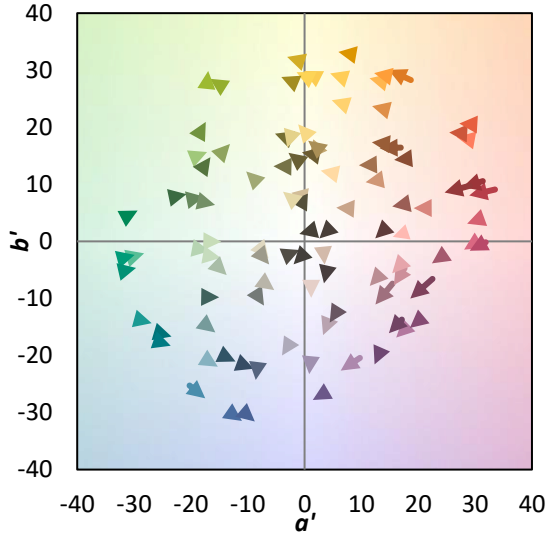


Color Vector Graphics









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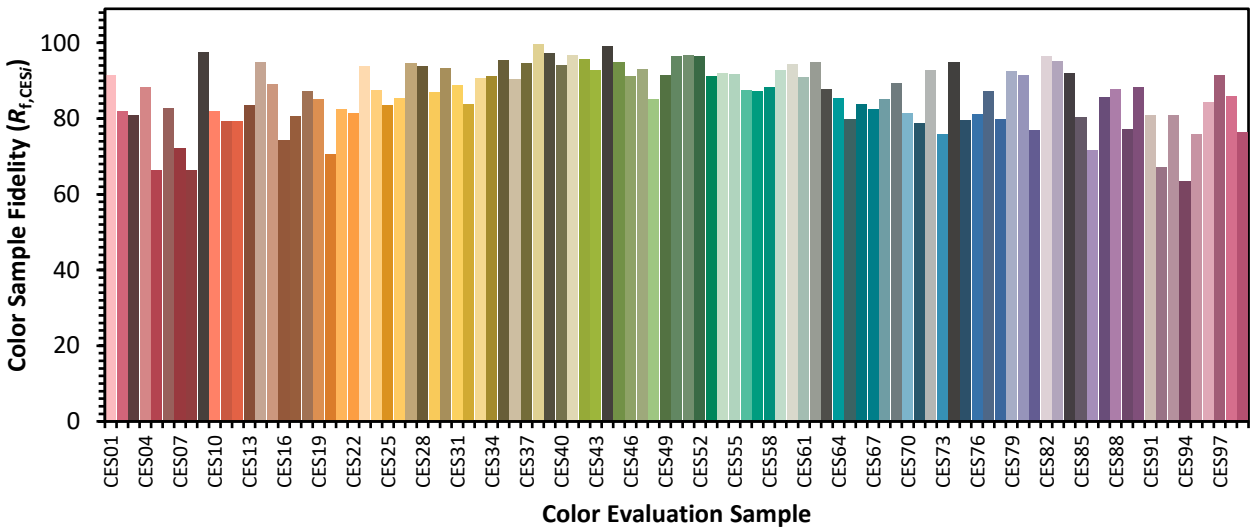
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



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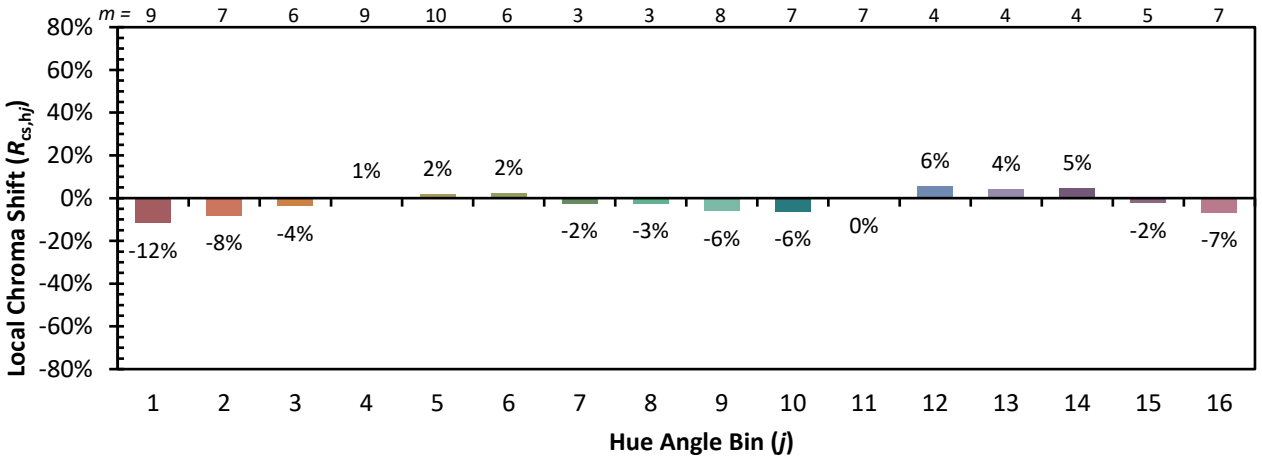
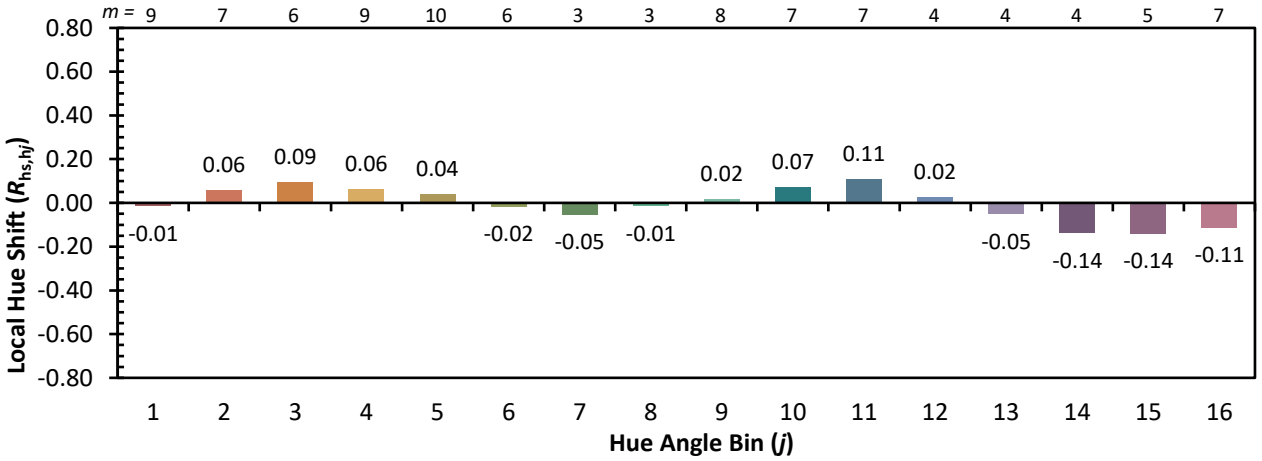
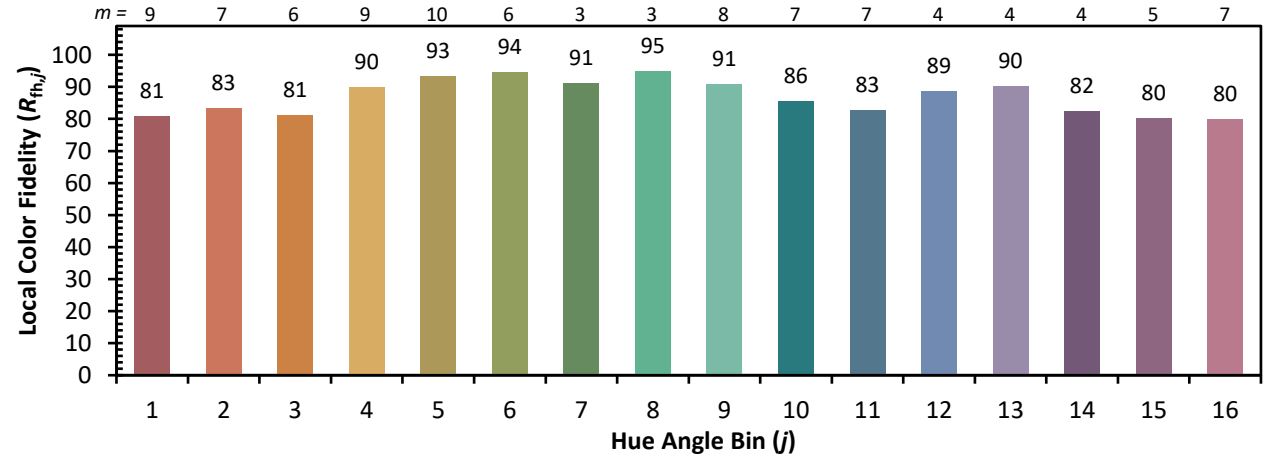
Color Rendition by Hue-Angle Bin







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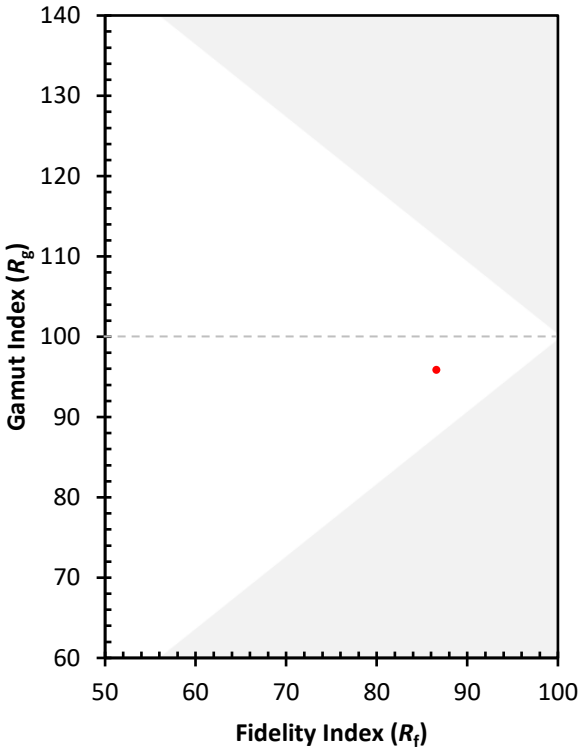
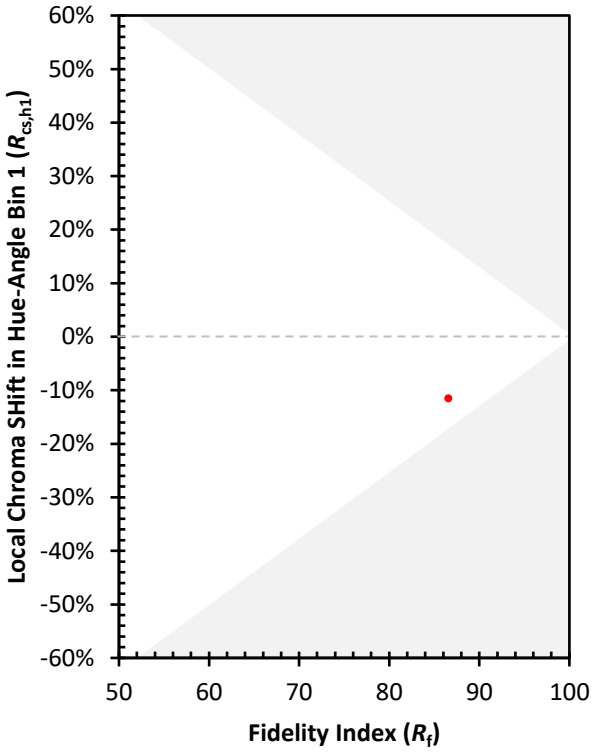
Measure Comparisons





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