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: P1458899

Luminaire Tested: GLAN-SB4A-827-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:	P1458899
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4A-827-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 4xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(104) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11337.1 lumens
Efficiency:	N/A
Efficacy:	99.4 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: P1458899
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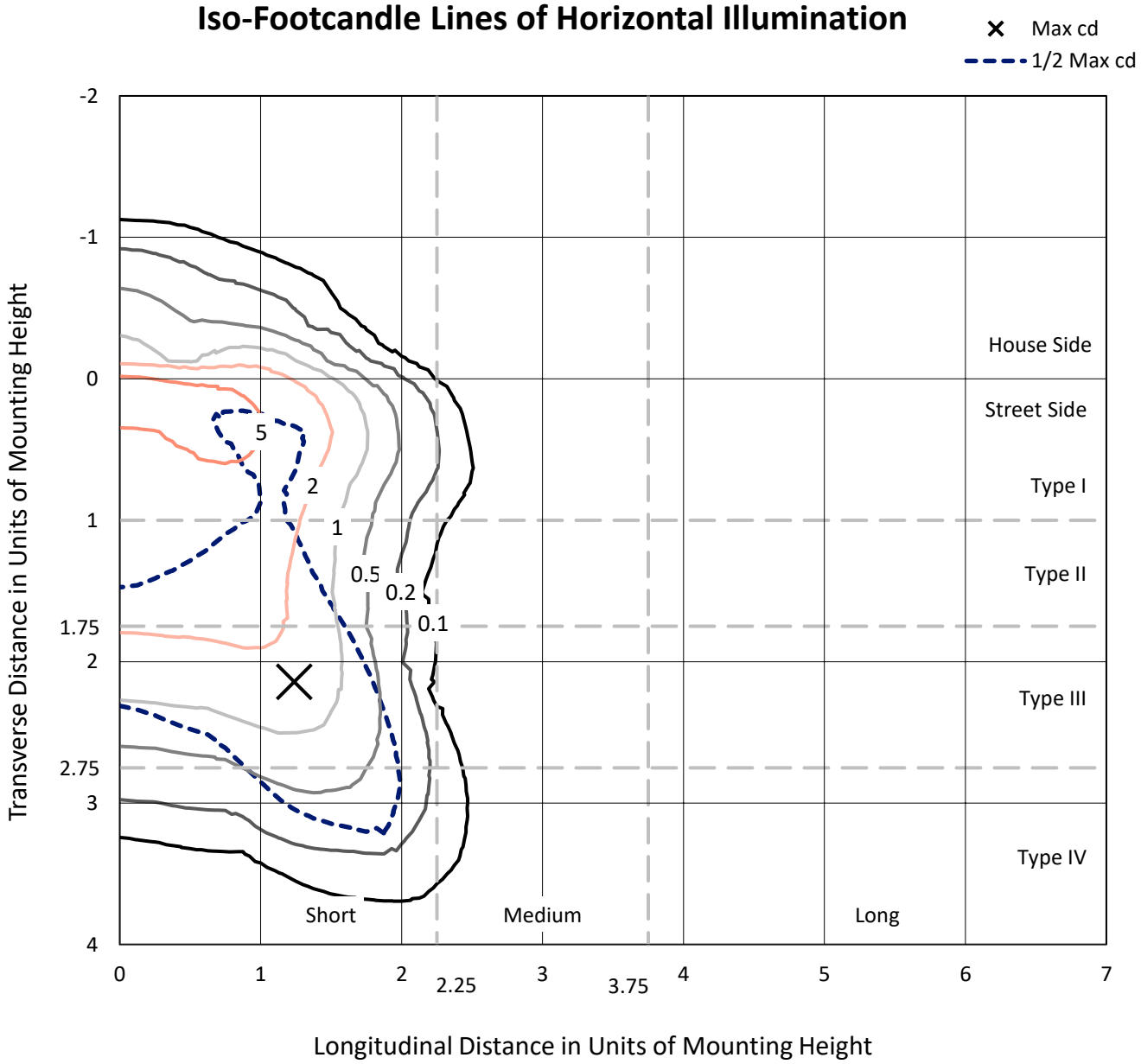
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 8.5 fc
Type IV - Short - N/A

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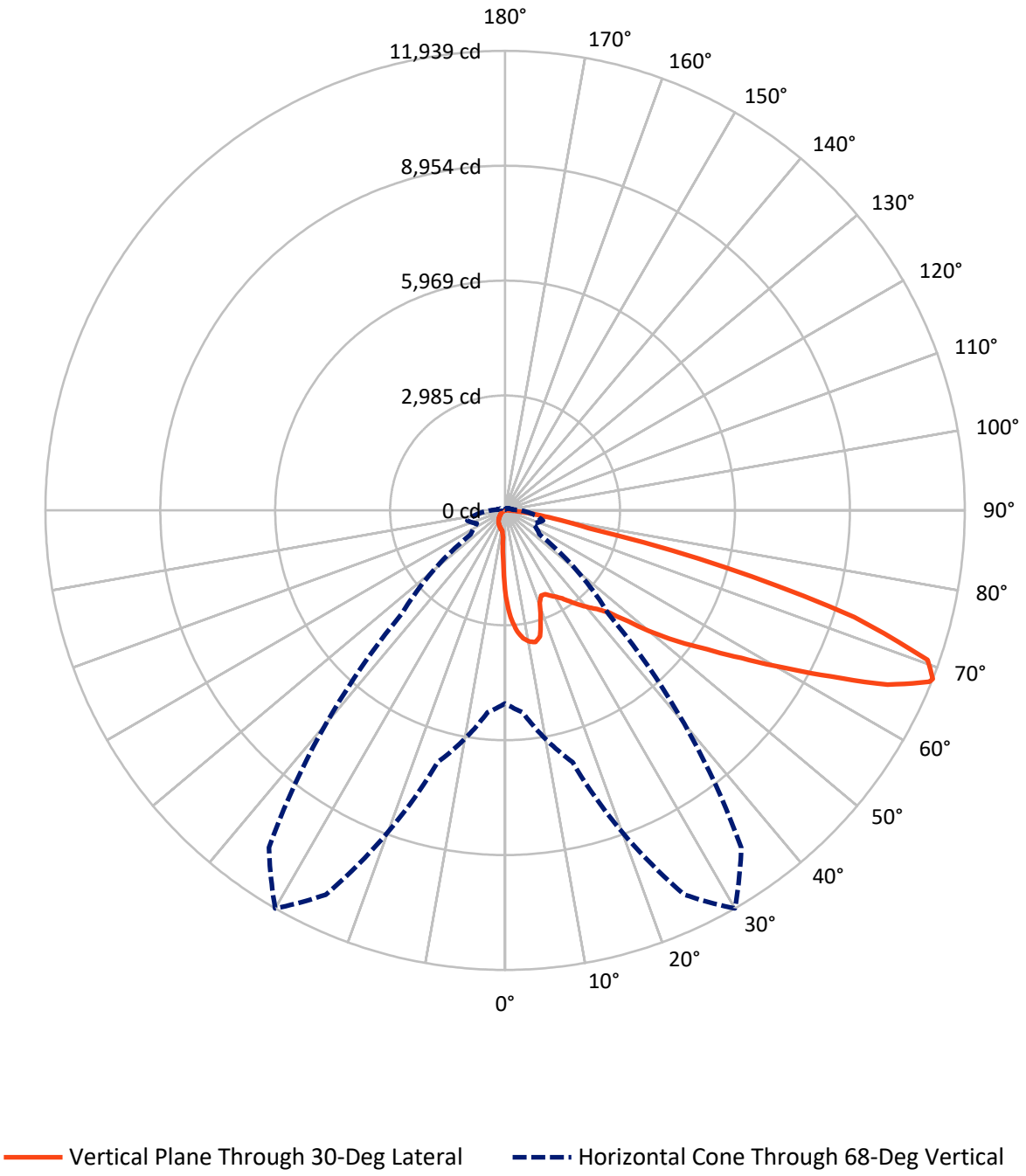
Luminous Intensity Polar Plot



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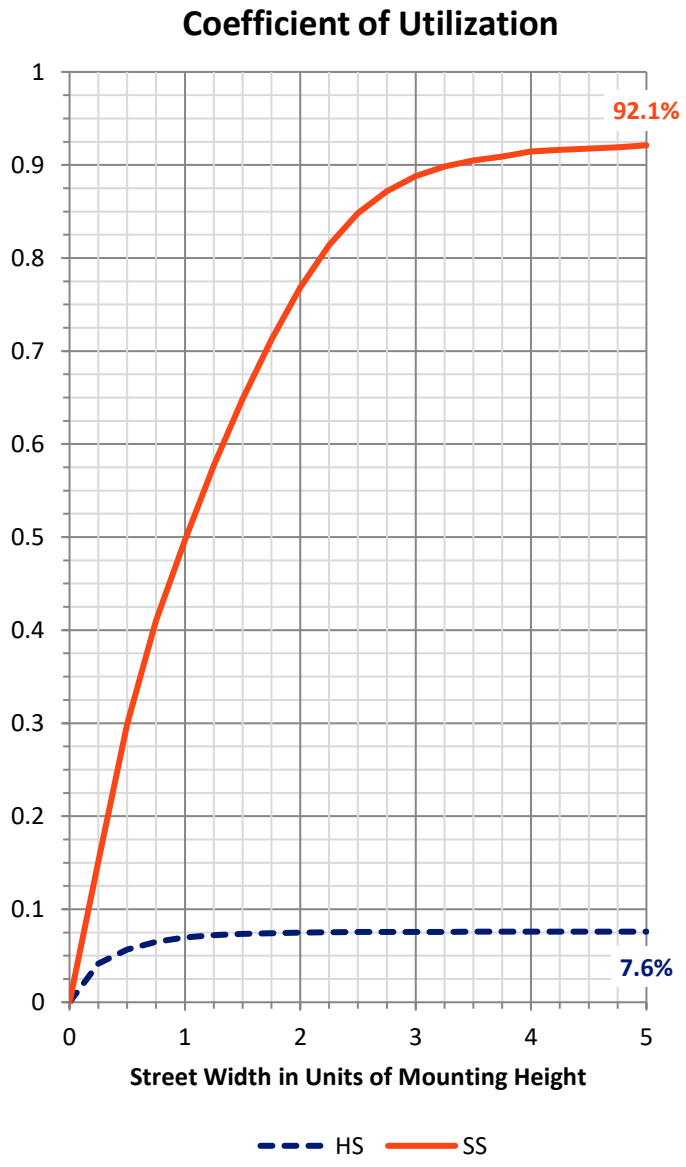
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	865.3	0.0	865.3
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	10471.8	0.0	10471.8
	% Fixture	92.4	0.0	92.4
Total	Lumens	11337.1	0.0	11337.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.9	1.7
10°-20°	550.7	4.9
20°-30°	865.4	7.6
30°-40°	1357.4	12.0
40°-50°	2028.9	17.9
50°-60°	2699.0	23.8
60°-70°	2609.2	23.0
70°-80°	937.9	8.3
80°-90°	95.7	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°	11337.1	100.0
0°-180°	11337.1	100.0



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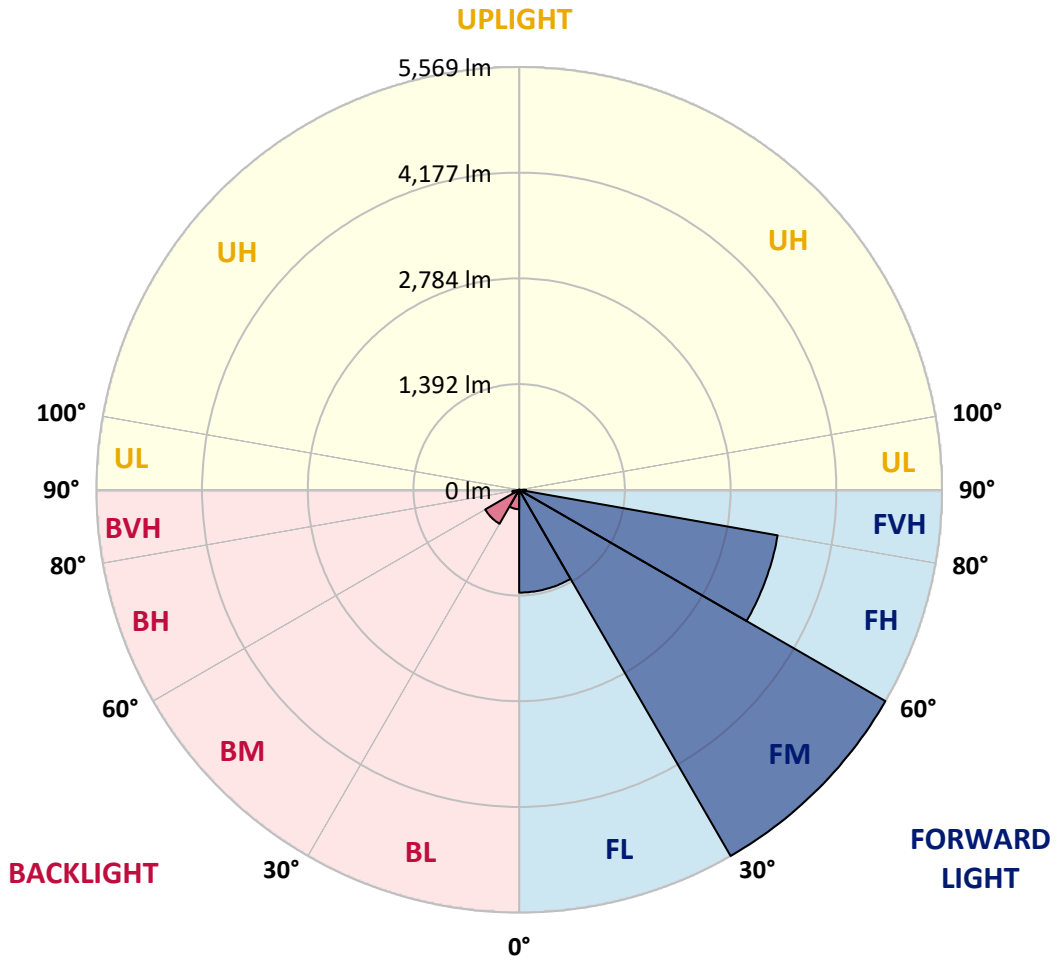
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1353.6	11.9			
FM	(30°-60°)	5568.8	49.1			
FH	(60°-80°)	3457.0	30.5			G2/5000
FVH	(80°-90°)	92.3	0.8			G1/100
BL	(0°-30°)	255.4	2.3	B1/500		
BM	(30°-60°)	516.5	4.6	B1/1000		
BH	(60°-80°)	90.0	0.8	B0/110		G0/110
BVH	(80°-90°)	3.4	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: P1458899
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5
2.5°	2857.3	2857.3	2836.9	2809.7	2779.1	2768.9	2711.2	2629.6	2544.7	2446.2	2303.5
5°	3224.2	3220.8	3180.0	3180.0	3139.3	3101.9	3044.1	2925.2	2789.3	2612.7	2364.6
7.5°	3387.3	3394.1	3377.1	3377.1	3353.3	3326.1	3292.2	3176.6	3017.0	2779.1	2425.8
10°	3445.0	3448.4	3448.4	3472.2	3465.4	3462.0	3458.6	3394.1	3227.6	2949.0	2490.4
12.5°	3305.7	3322.7	3370.3	3475.6	3509.6	3547.0	3597.9	3577.5	3462.0	3163.1	2588.9
15°	2857.3	2860.7	2993.2	3254.8	3394.1	3536.8	3733.8	3774.6	3699.9	3394.1	2690.8
17.5°	2357.8	2368.0	2473.4	2765.5	2989.8	3319.3	3812.0	3978.4	3951.3	3621.7	2785.9
20°	2150.6	2164.2	2215.2	2398.6	2568.5	2874.3	3733.8	4172.1	4182.3	3849.3	2874.3
22.5°	2103.0	2113.2	2154.0	2296.7	2402.0	2605.9	3468.8	4325.0	4443.9	4110.9	2979.6
25°	2089.4	2099.6	2160.8	2317.1	2415.6	2585.5	3227.6	4406.5	4753.1	4382.7	3081.5
27.5°	2079.3	2092.8	2191.4	2391.8	2507.3	2670.4	3183.4	4423.5	5048.7	4671.5	3248.0
30°	2092.8	2113.2	2242.3	2470.0	2602.5	2785.9	3288.8	4440.5	5374.8	5001.1	3458.6
32.5°	2147.2	2164.2	2320.5	2575.3	2728.2	2935.4	3468.8	4542.4	5684.0	5337.4	3659.1
35°	2208.4	2232.1	2419.0	2724.8	2908.2	3142.7	3713.4	4742.9	5979.6	5656.8	3866.3
37.5°	2283.1	2310.3	2534.5	2894.7	3105.3	3370.3	3978.4	5021.5	6241.2	5918.4	4073.6
40°	2385.0	2415.6	2667.0	3074.7	3302.3	3567.4	4240.1	5296.7	6441.6	6074.7	4209.5
42.5°	2785.9	2826.7	2932.0	3251.4	3506.2	3778.0	4498.3	5558.3	6516.4	6125.7	4236.7
45°	3533.4	3574.1	3547.0	3608.1	3778.0	4032.8	4780.3	5809.7	6526.6	6112.1	4223.1
47.5°	4284.2	4331.8	4308.0	4274.0	4311.4	4433.7	5096.2	5969.4	6472.2	6105.3	4223.1
50°	5001.1	4973.9	4977.3	4967.1	5001.1	5065.6	5402.0	5999.9	6458.6	6169.8	4260.4
52.5°	5385.0	5398.6	5483.5	5609.2	5684.0	5748.5	5751.9	6047.5	6360.1	6061.1	4216.3
55°	5762.1	5789.3	5986.4	6200.4	6366.9	6489.2	6101.9	6016.9	5772.3	5697.6	3985.2
57.5°	6186.8	6224.2	6502.8	6944.4	7236.6	7301.2	6448.4	5446.2	4885.6	5177.8	3536.8
60°	6771.2	6815.3	7185.7	7848.2	8283.1	8150.6	6475.6	4539.0	3879.9	4297.8	2918.4
62.5°	7229.8	7318.2	7987.5	9020.3	9499.3	9078.1	5969.4	3479.0	2711.2	3020.4	2130.2
65°	6740.6	6910.5	8001.1	10362.3	10916.1	10168.7	5174.4	2374.8	1528.9	1953.5	1362.4
67.5°	5449.6	5687.4	7104.1	11014.6	11887.8	10742.8	4073.6	1260.5	876.5	1134.8	716.9
68°	5014.7	5272.9	6774.6	11014.6	11938.7	10691.9	3781.4	1090.6	808.6	1019.2	621.7
70°	3465.4	3648.9	5208.3	10396.3	11639.8	9747.4	2490.4	625.1	608.1	699.9	411.1
72.5°	1698.7	1895.8	2785.9	8238.9	9482.4	7491.4	1134.8	414.5	462.1	513.0	322.8
75°	676.1	716.9	1097.4	4063.4	5925.2	4780.3	594.6	312.6	397.5	400.9	254.8
77.5°	387.3	411.1	608.1	1494.9	2222.0	2137.0	383.9	224.2	316.0	288.8	166.5
80°	217.4	220.8	343.1	788.2	1270.7	1138.2	261.6	163.1	241.2	203.8	112.1
82.5°	108.7	122.3	217.4	434.9	706.7	723.7	139.3	115.5	193.7	146.1	91.7
85°	78.1	84.9	156.3	241.2	326.2	489.2	84.9	57.8	146.1	98.5	64.6
87.5°	40.8	51.0	98.5	118.9	132.5	166.5	40.8	27.2	81.5	57.8	34.0
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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CATALOG NUMBER: GLAN-SB4A-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5	2235.5
2.5°	2235.5	2157.4	1997.7	1810.9	1664.8	1515.3	1393.0	1277.5	1223.1	1216.3	1229.9
5°	2225.3	2055.5	1691.9	1335.2	1043.0	839.2	727.1	669.3	638.7	625.1	628.5
7.5°	2205.0	1946.8	1365.8	903.7	676.1	587.8	560.6	550.4	547.0	547.0	547.0
10°	2184.6	1800.7	1046.4	662.5	553.8	530.0	523.2	523.2	519.8	519.8	523.2
12.5°	2174.4	1664.8	812.0	553.8	516.4	506.2	499.4	496.0	496.0	496.0	499.4
15°	2150.6	1515.3	655.7	513.0	492.6	479.0	475.6	472.2	472.2	472.2	472.2
17.5°	2130.2	1369.2	570.8	485.8	468.9	455.3	451.9	448.5	448.5	451.9	451.9
20°	2099.6	1229.9	513.0	458.7	445.1	431.5	428.1	424.7	428.1	428.1	428.1
22.5°	2062.3	1114.4	479.0	438.3	421.3	407.7	407.7	407.7	407.7	407.7	411.1
25°	2038.5	1032.8	455.3	414.5	397.5	387.3	383.9	383.9	390.7	390.7	394.1
27.5°	2075.9	1012.4	458.7	407.7	377.1	366.9	363.5	363.5	370.3	373.7	377.1
30°	2188.0	1049.8	499.4	428.1	363.5	346.5	343.1	343.1	353.3	356.7	360.1
32.5°	2317.1	1128.0	560.6	455.3	353.3	326.2	319.4	319.4	329.6	333.0	336.4
35°	2493.7	1250.3	642.1	479.0	360.1	305.8	292.2	292.2	299.0	305.8	309.2
37.5°	2721.4	1450.7	737.3	496.0	360.1	282.0	265.0	261.6	268.4	268.4	271.8
40°	2959.2	1712.3	835.8	496.0	343.1	258.2	241.2	231.0	234.4	231.0	234.4
42.5°	3091.7	1923.0	920.7	465.5	322.8	234.4	217.4	203.8	200.5	193.7	197.1
45°	3166.4	2018.1	896.9	431.5	302.4	217.4	197.1	180.1	173.3	163.1	163.1
47.5°	3166.4	2028.3	767.8	404.3	282.0	203.8	176.7	159.7	149.5	139.3	142.7
50°	3129.1	1936.6	608.1	377.1	258.2	190.3	159.7	146.1	132.5	125.7	125.7
52.5°	2972.8	1637.6	465.5	343.1	231.0	173.3	142.7	129.1	115.5	112.1	112.1
55°	2704.4	1202.7	377.1	309.2	207.2	159.7	129.1	118.9	105.3	98.5	98.5
57.5°	2198.2	822.2	312.6	278.6	183.5	142.7	115.5	105.3	88.3	81.5	81.5
60°	1630.8	536.8	265.0	244.6	156.3	129.1	101.9	88.3	74.7	67.9	64.6
62.5°	1100.8	363.5	220.8	193.7	132.5	112.1	88.3	74.7	57.8	44.2	44.2
65°	686.3	282.0	183.5	152.9	115.5	98.5	74.7	57.8	40.8	30.6	27.2
67.5°	394.1	227.6	149.5	118.9	98.5	78.1	57.8	47.6	34.0	23.8	20.4
68°	*363.5*	*217.4*	*139.3*	*112.1*	*91.7*	*74.7*	*54.4*	*44.2*	*30.6*	*20.4*	*20.4*
70°	295.6	193.7	118.9	91.7	78.1	61.2	47.6	37.4	23.8	13.6	13.6
72.5°	261.6	163.1	101.9	71.3	54.4	51.0	37.4	27.2	17.0	10.2	6.8
75°	214.0	129.1	81.5	54.4	37.4	37.4	27.2	17.0	6.8	0.0	0.0
77.5°	139.3	95.1	64.6	34.0	20.4	23.8	17.0	6.8	0.0	0.0	0.0
80°	91.7	71.3	44.2	17.0	10.2	10.2	3.4	0.0	0.0	0.0	0.0
82.5°	64.6	47.6	27.2	6.8	3.4	3.4	0.0	0.0	0.0	0.0	0.0
85°	40.8	20.4	10.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	17.0	6.8	3.4	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

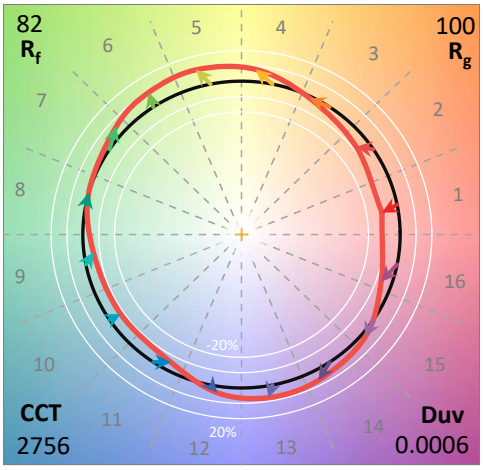
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

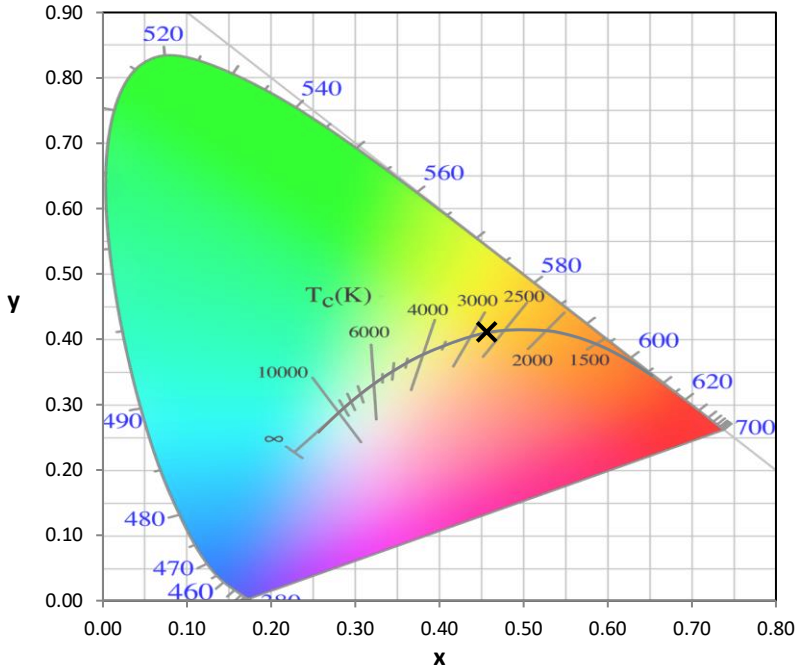
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

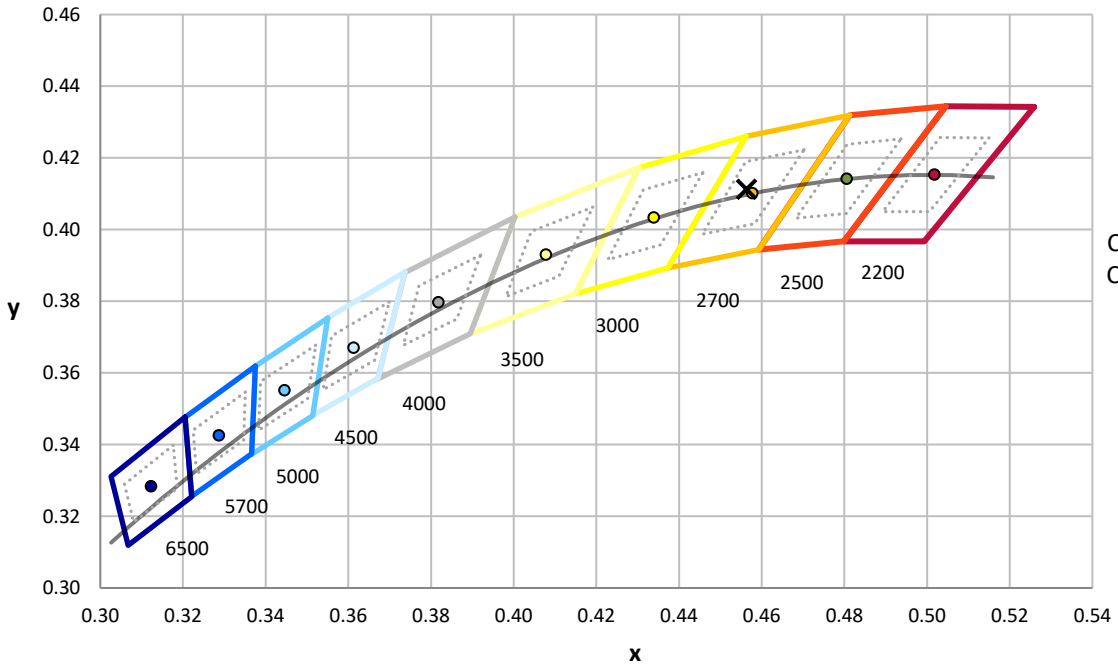
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

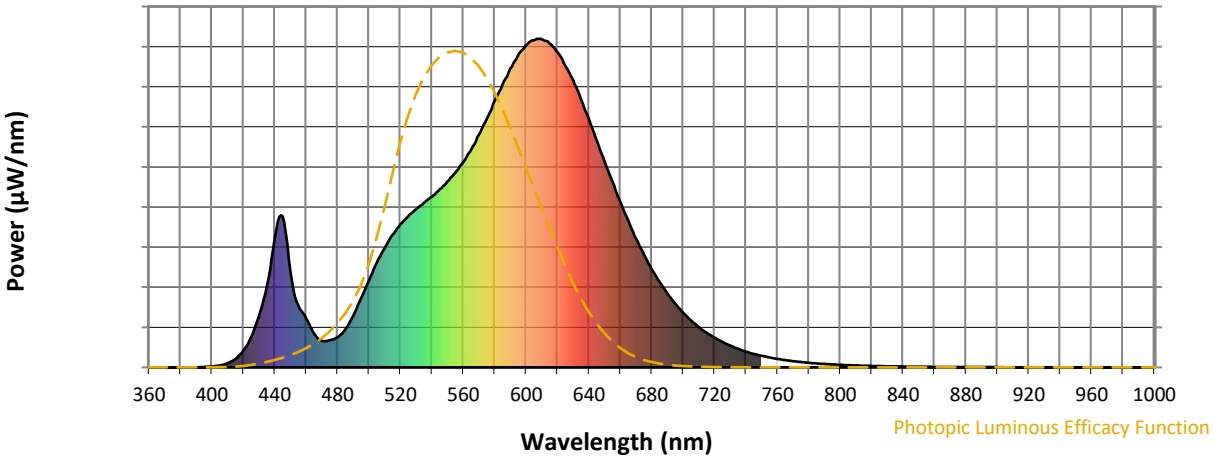


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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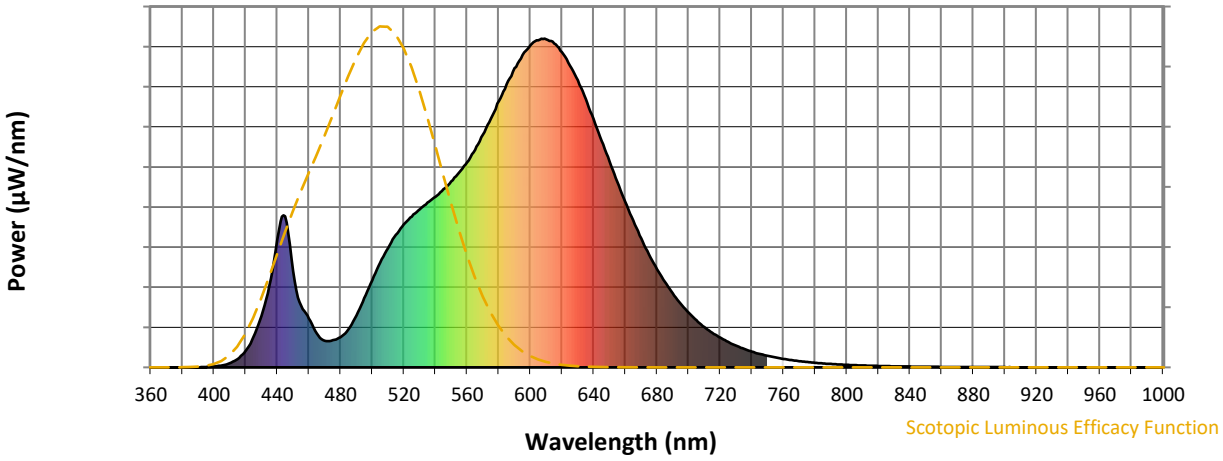
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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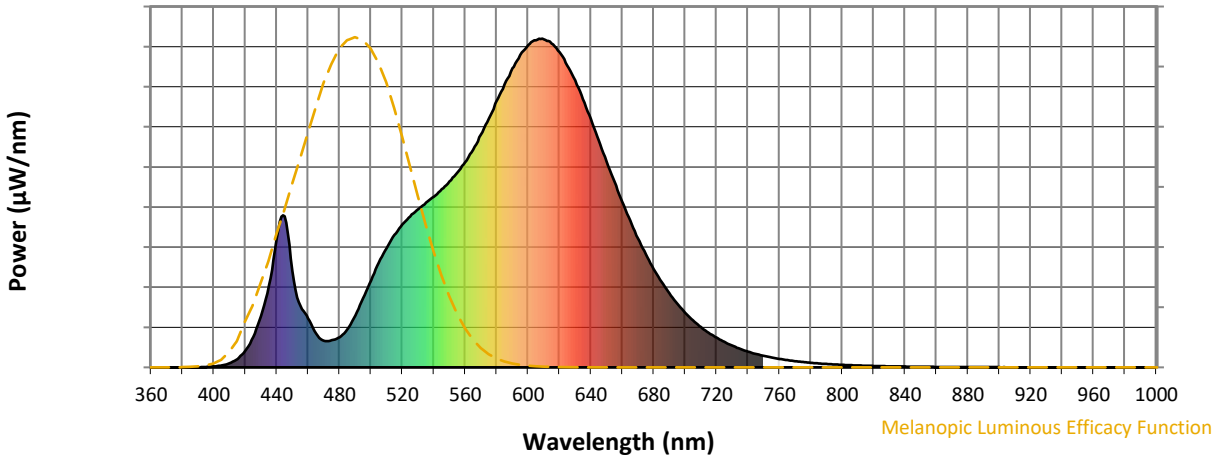
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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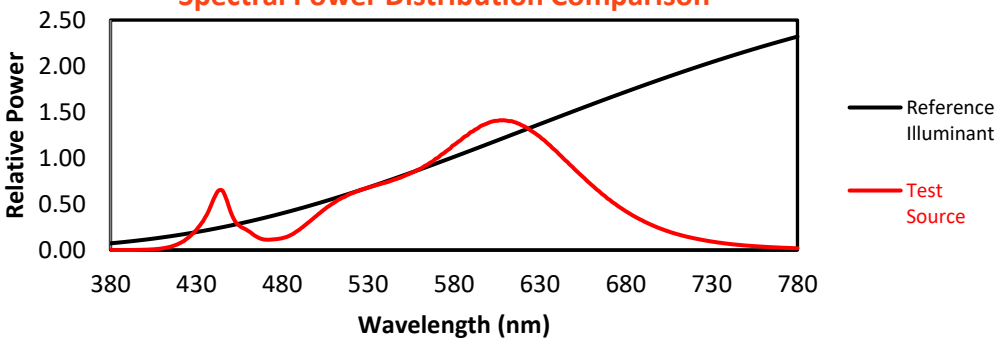
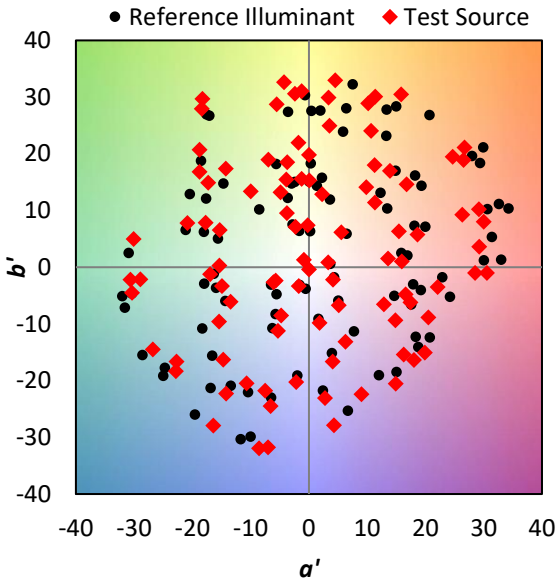
Summary

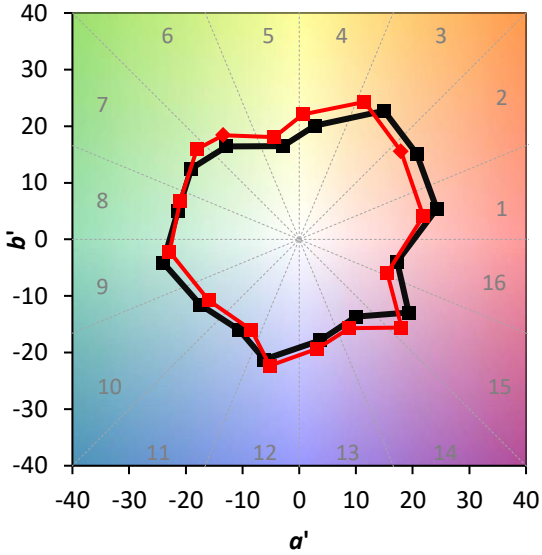
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

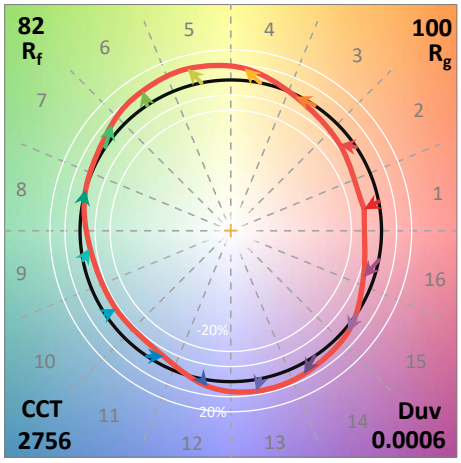
Spectral Power Distribution Comparison

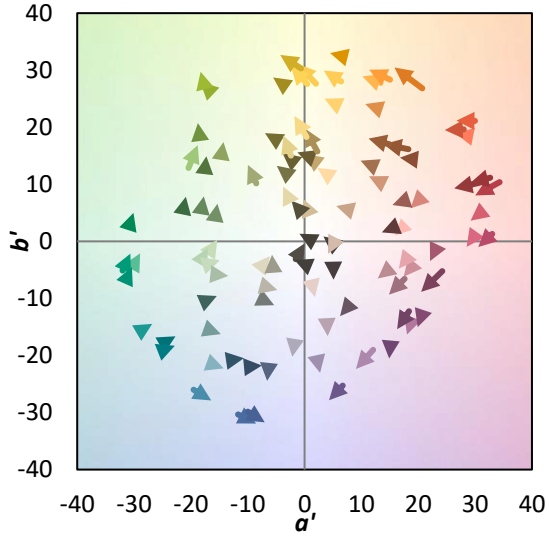


Color Vector Graphics









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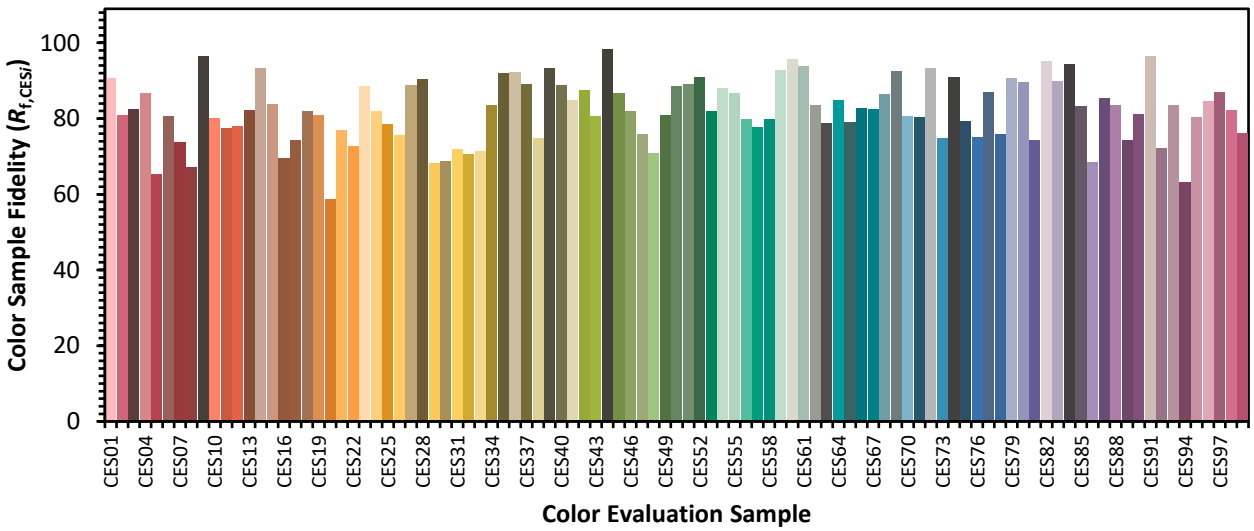
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



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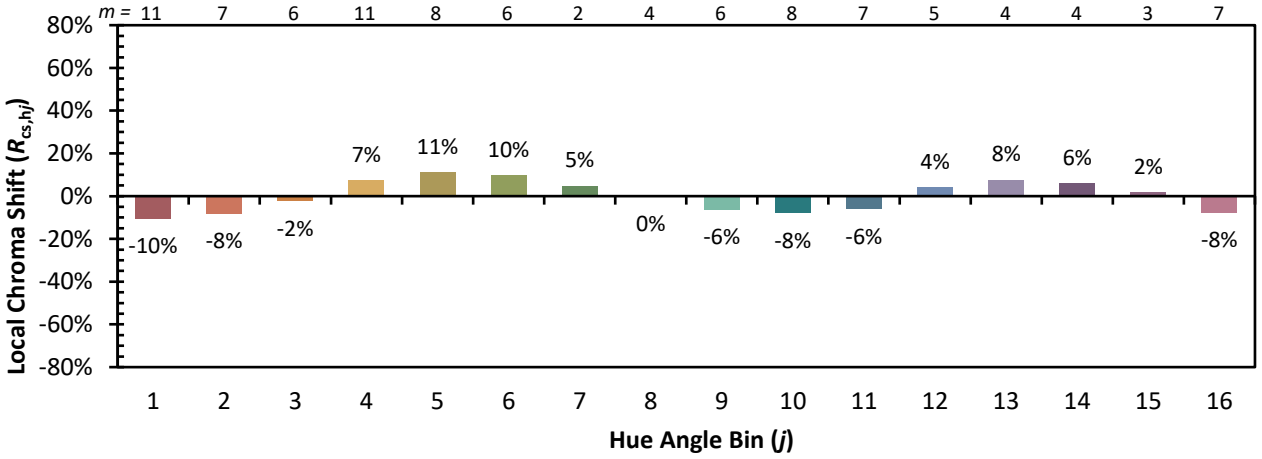
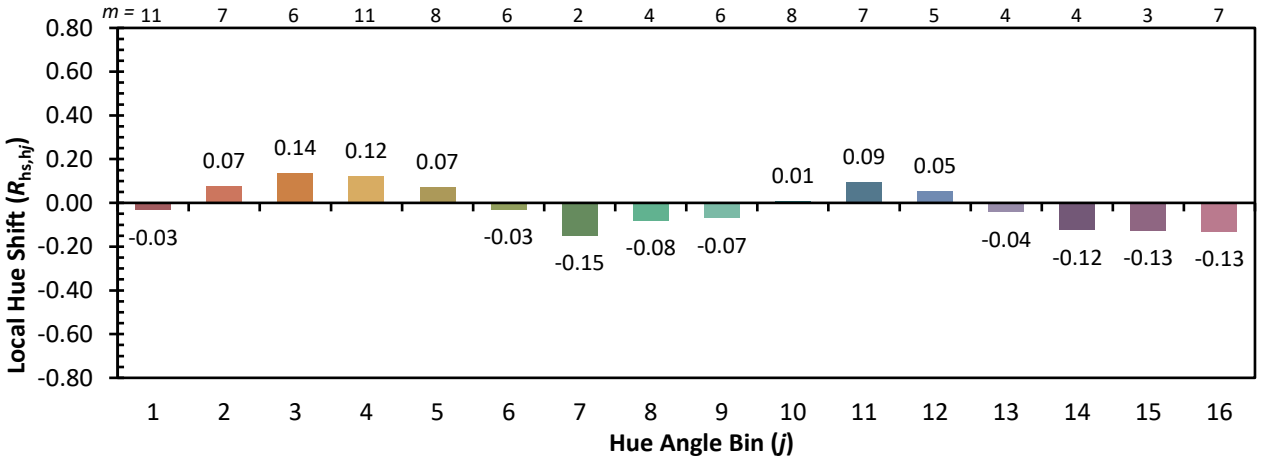
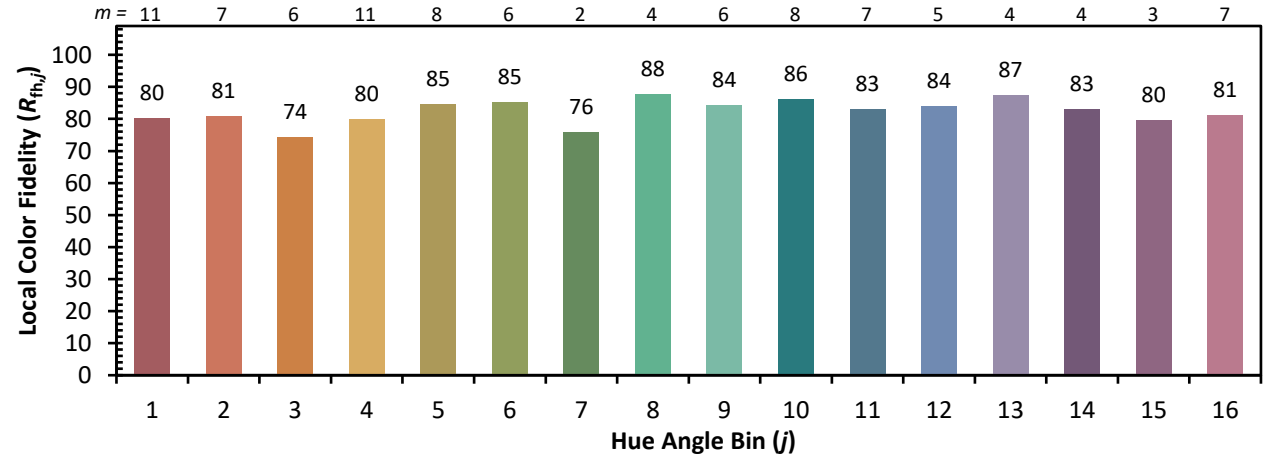
Color Rendition by Hue-Angle Bin







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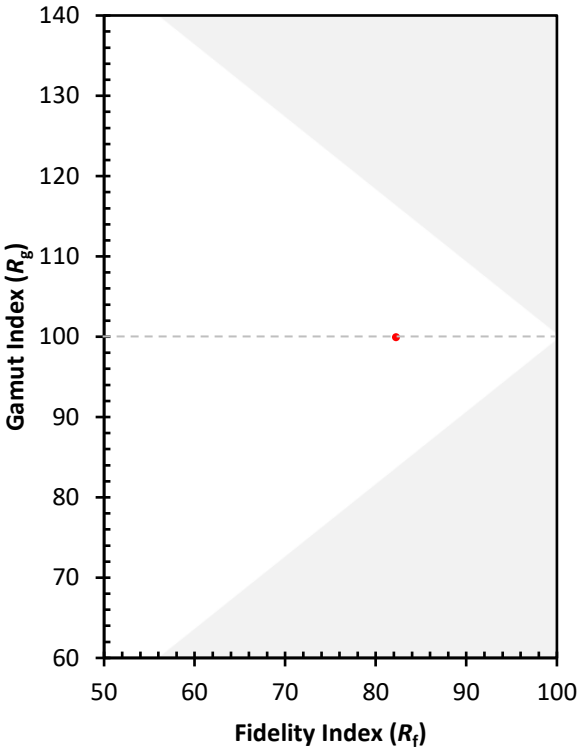
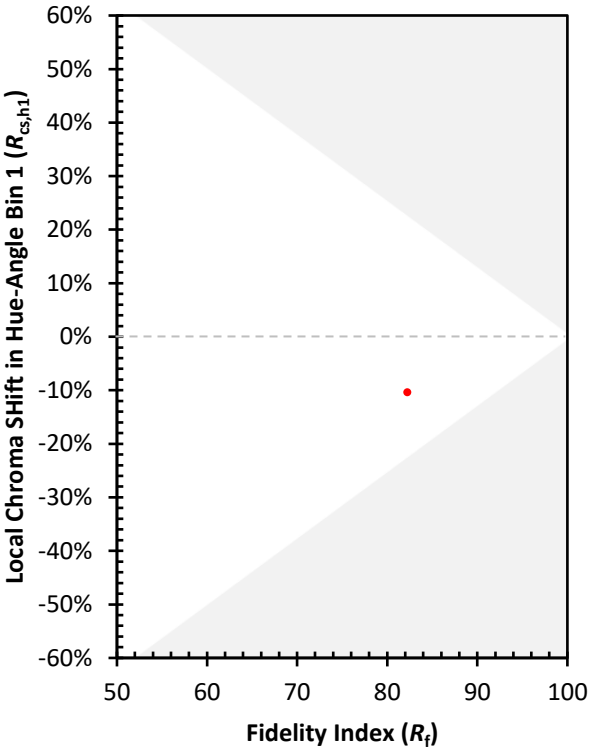
Measure Comparisons





(END OF REPORT)