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: P1458900

Luminaire Tested: GLAN-SB4B-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:	P1458900
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/21/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB4B-827-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 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:	14231.6 lumens
Efficiency:	N/A
Efficacy:	96.8 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
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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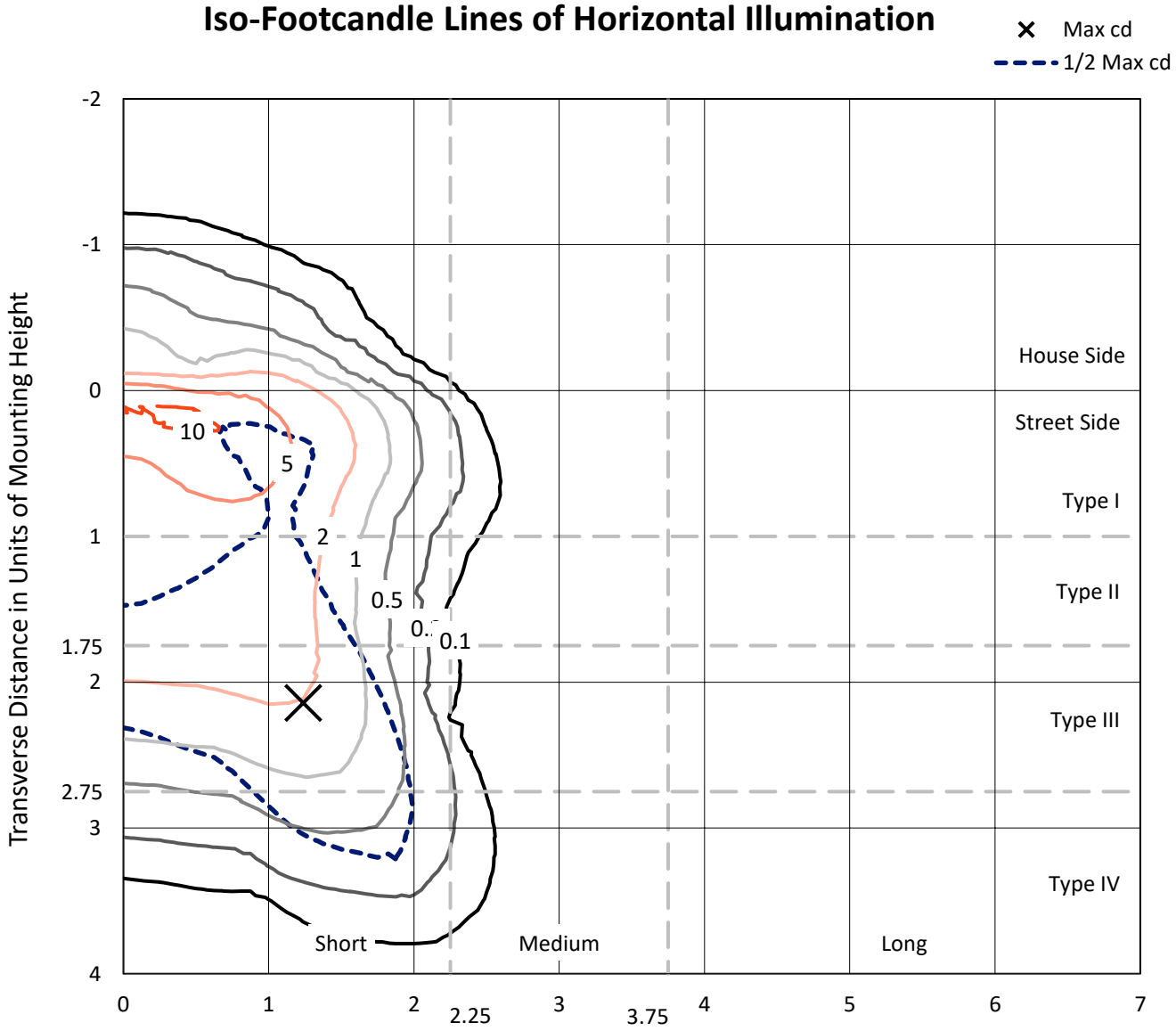
REPORT NUMBER: P1458900
CATALOG NUMBER: GLAN-SB4B-827-U-T4LG-HSS

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 10.7 fc
Type IV - Short - N/A

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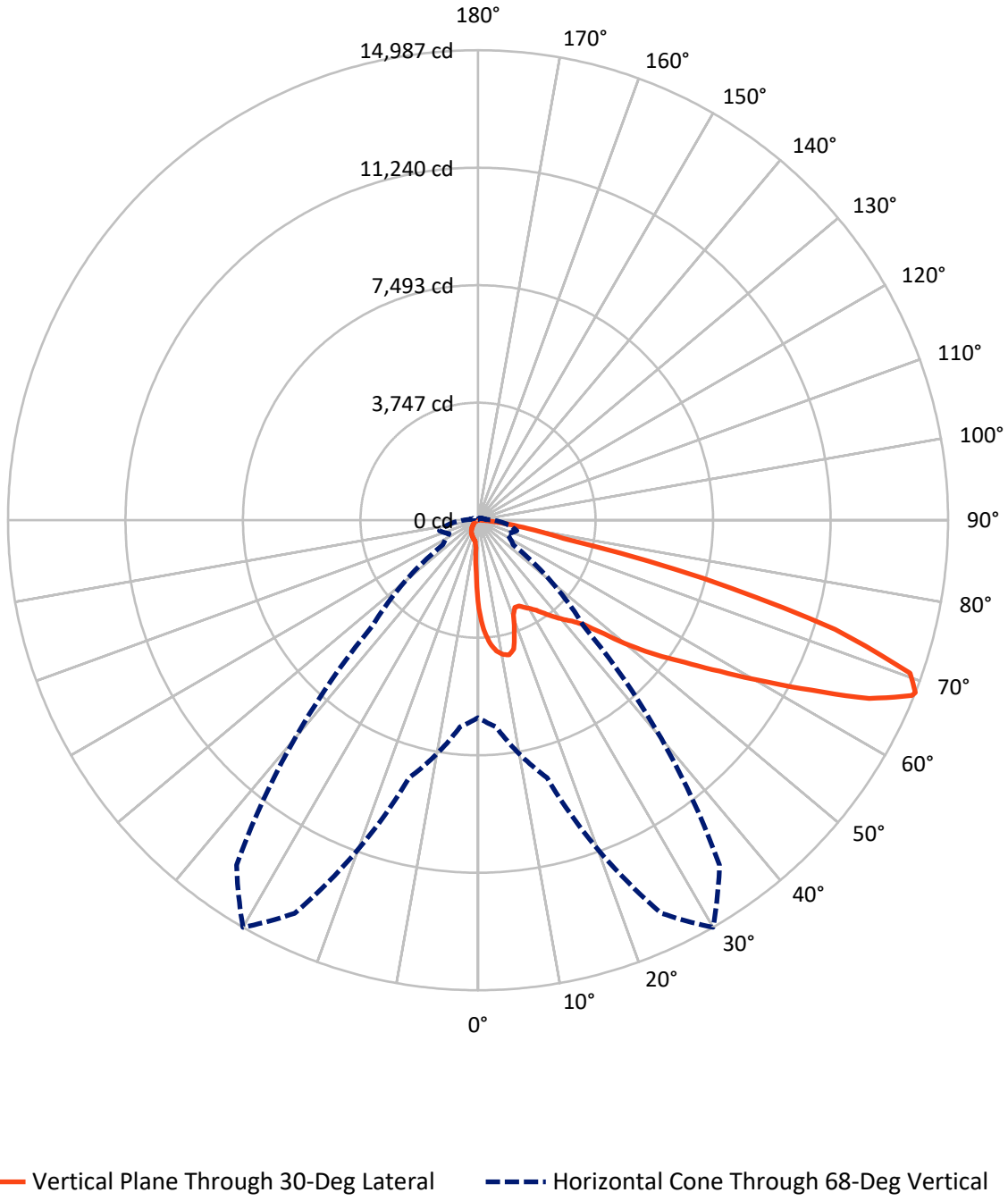
Luminous Intensity Polar Plot



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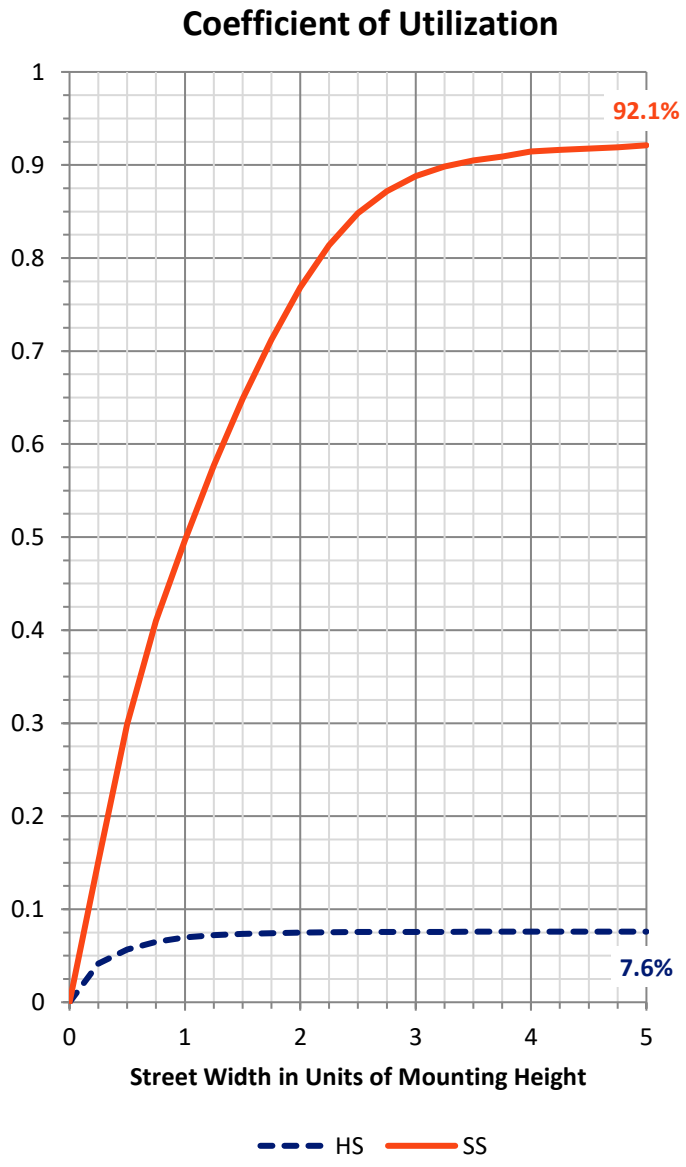
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1086.2	0.0	1086.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	13145.4	0.0	13145.4
	% Fixture	92.4	0.0	92.4
Total	Lumens	14231.6	0.0	14231.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	242.1	1.7
10°-20°	691.3	4.9
20°-30°	1086.4	7.6
30°-40°	1703.9	12.0
40°-50°	2546.9	17.9
50°-60°	3388.2	23.8
60°-70°	3275.3	23.0
70°-80°	1177.3	8.3
80°-90°	120.2	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°	14231.6	100.0
0°-180°	14231.6	100.0



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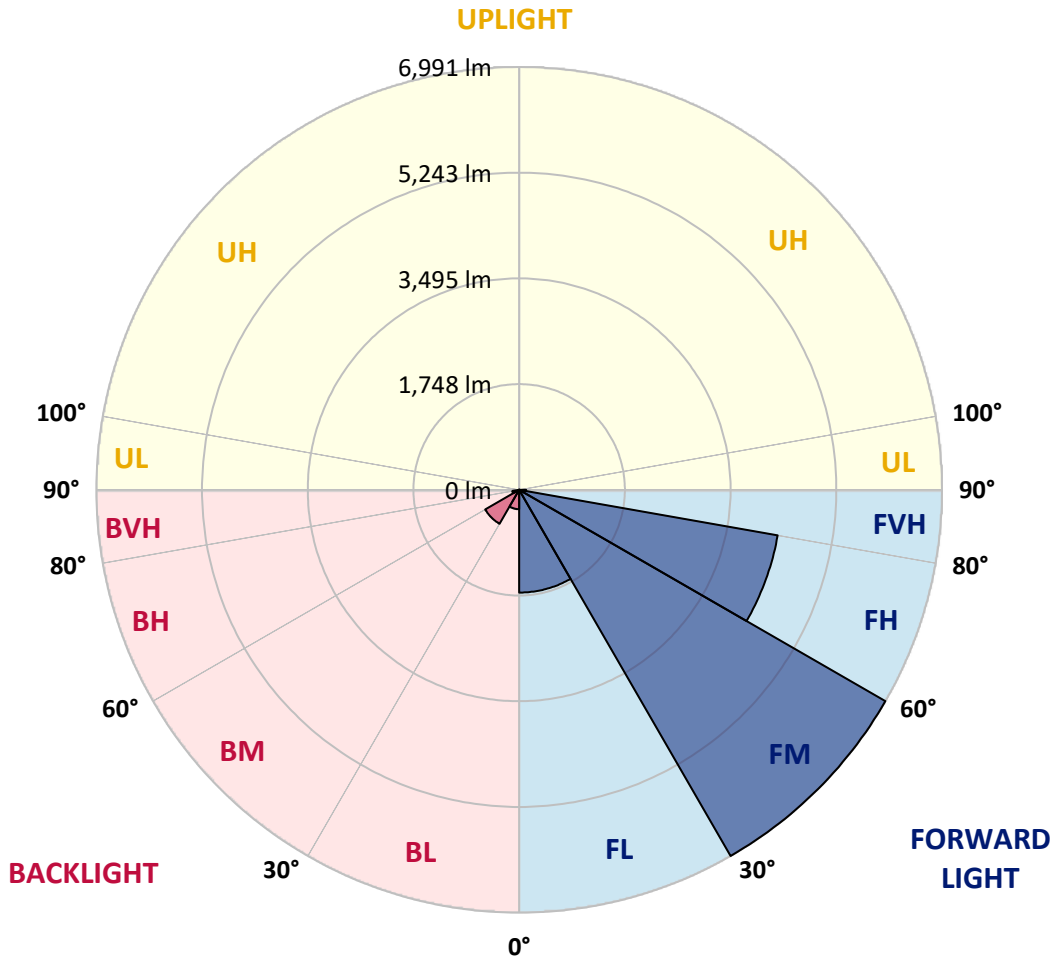
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1699.3	11.9			
FM	(30°-60°)	6990.6	49.1			
FH	(60°-80°)	4339.7	30.5			G2/5000
FVH	(80°-90°)	115.9	0.8			G2/225
BL	(0°-30°)	320.6	2.3	B1/500		
BM	(30°-60°)	648.4	4.6	B1/1000		
BH	(60°-80°)	113.0	0.8	B1/500		G1/500
BVH	(80°-90°)	4.3	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: P1458900
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	2806.3	2806.3	2806.3	2806.3	*2806.3*	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3
2.5°	3586.8	3586.8	3561.2	3527.1	*3488.7*	3475.9	3403.4	3301.0	3194.4	3070.7	2891.6
5°	4047.4	4043.1	3992.0	3992.0	*3940.8*	3893.9	3821.4	3672.1	3501.5	3279.7	2968.4
7.5°	4252.1	4260.6	4239.3	4239.3	*4209.5*	4175.3	4132.7	3987.7	3787.2	3488.7	3045.1
10°	4324.6	4328.9	4328.9	4358.7	*4350.2*	4345.9	4341.7	4260.6	4051.7	3701.9	3126.2
12.5°	4149.8	4171.1	4230.8	4363.0	*4405.6*	4452.6	4516.5	4490.9	4345.9	3970.6	3249.9
15°	3586.8	3591.0	3757.4	4085.8	*4260.6*	4439.8	4687.1	4738.3	4644.5	4260.6	3377.8
17.5°	2959.8	2972.6	3104.9	3471.6	*3753.1*	4166.8	4785.2	4994.2	4960.1	4546.4	3497.2
20°	2699.7	2716.7	2780.7	3011.0	*3224.3*	3608.1	4687.1	5237.3	5250.1	4832.1	3608.1
22.5°	2640.0	2652.8	2703.9	2883.1	*3015.3*	3271.2	4354.5	5429.2	5578.5	5160.5	3740.3
25°	2622.9	2635.7	2712.5	2908.7	*3032.3*	3245.6	4051.7	5531.6	5966.6	5501.7	3868.3
27.5°	2610.1	2627.2	2750.9	3002.5	*3147.5*	3352.2	3996.2	5552.9	6337.6	5864.2	4077.2
30°	2627.2	2652.8	2814.8	3100.6	*3266.9*	3497.2	4128.4	5574.2	6747.1	6277.9	4341.7
32.5°	2695.4	2716.7	2912.9	3232.8	*3424.7*	3684.9	4354.5	5702.2	7135.2	6700.2	4593.3
35°	2772.2	2802.0	3036.6	3420.5	*3650.8*	3945.0	4661.5	5953.8	7506.2	7101.1	4853.5
37.5°	2866.0	2900.1	3181.6	3633.7	*3898.1*	4230.8	4994.2	6303.5	7834.6	7429.5	5113.6
40°	2994.0	3032.3	3348.0	3859.7	*4145.5*	4478.1	5322.6	6649.0	8086.3	7625.6	5284.2
42.5°	3497.2	3548.4	3680.6	4081.5	*4401.4*	4742.6	5646.7	6977.4	8180.1	7689.6	5318.3
45°	4435.5	4486.7	4452.6	4529.3	*4742.6*	5062.4	6000.7	7293.0	8192.9	7672.6	5301.3
47.5°	5378.0	5437.8	5407.9	5365.2	*5412.2*	5565.7	6397.4	7493.4	8124.6	7664.0	5301.3
50°	6277.9	6243.8	6248.1	6235.3	*6277.9*	6359.0	6781.2	7531.8	8107.6	7745.1	5348.2
52.5°	6759.9	6776.9	6883.6	7041.4	*7135.2*	7216.2	7220.5	7591.5	7983.9	7608.6	5292.7
55°	7233.3	7267.4	7514.8	7783.5	*7992.4*	8146.0	7659.8	7553.1	7246.1	7152.2	5002.7
57.5°	7766.4	7813.3	8163.0	8717.5	*9084.2*	9165.3	8094.8	6836.6	6132.9	6499.7	4439.8
60°	8500.0	8555.4	9020.3	9851.9	*10397.8*	10231.5	8128.9	5697.9	4870.5	5395.1	3663.6
62.5°	9075.7	9186.6	10026.8	11323.3	*11924.7*	11395.8	7493.4	4367.3	3403.4	3791.5	2674.1
65°	8461.6	8674.8	10043.9	13008.0	*13703.1*	12764.9	6495.4	2981.2	1919.2	2452.3	1710.2
67.5°	6840.9	7139.5	8917.9	13826.8	*14922.9*	13485.6	5113.6	1582.3	1100.3	1424.5	899.9
68°	*6295.0*	*6619.1*	*8504.2*	*13826.8*	*14986.9*	*13421.7*	*4746.8*	*1369.0*	*1015.0*	*1279.5*	*780.5*
70°	4350.2	4580.5	6538.1	13050.6	*14611.6*	12236.0	3126.2	784.7	763.4	878.6	516.1
72.5°	2132.5	2379.8	3497.2	10342.4	*11903.3*	9404.1	1424.5	520.3	580.0	644.0	405.2
75°	848.7	899.9	1377.6	5100.8	*7438.0*	6000.7	746.4	392.4	499.0	503.3	319.9
77.5°	486.2	516.1	763.4	1876.6	*2789.2*	2682.6	481.9	281.5	396.6	362.5	209.0
80°	273.0	277.2	430.8	989.5	*1595.1*	1428.7	328.4	204.7	302.8	255.9	140.7
82.5°	136.5	153.5	273.0	545.9	*887.1*	908.4	174.9	145.0	243.1	183.4	115.2
85°	98.1	106.6	196.2	302.8	*409.4*	614.1	106.6	72.5	183.4	123.7	81.0
87.5°	51.2	64.0	123.7	149.3	*166.3*	209.0	51.2	34.1	102.4	72.5	42.6
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: P1458900
CATALOG NUMBER: GLAN-SB4B-827-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3	2806.3
2.5°	2806.3	2708.2	2507.8	2273.2	2089.8	1902.1	1748.6	1603.6	1535.4	1526.8	1543.9
5°	2793.5	2580.3	2123.9	1676.1	1309.3	1053.4	912.7	840.2	801.8	784.7	789.0
7.5°	2767.9	2443.8	1714.5	1134.5	848.7	737.8	703.7	690.9	686.6	686.6	686.6
10°	2742.3	2260.4	1313.6	831.7	695.2	665.3	656.8	656.8	652.5	652.5	656.8
12.5°	2729.5	2089.8	1019.3	695.2	648.3	635.5	626.9	622.7	622.7	622.7	626.9
15°	2699.7	1902.1	823.1	644.0	618.4	601.4	597.1	592.8	592.8	592.8	592.8
17.5°	2674.1	1718.8	716.5	609.9	588.6	571.5	567.2	563.0	563.0	567.2	567.2
20°	2635.7	1543.9	644.0	575.8	558.7	541.6	537.4	533.1	537.4	537.4	537.4
22.5°	2588.8	1398.9	601.4	550.2	528.8	511.8	511.8	511.8	511.8	511.8	516.1
25°	2558.9	1296.5	571.5	520.3	499.0	486.2	481.9	481.9	490.5	490.5	494.7
27.5°	2605.9	1270.9	575.8	511.8	473.4	460.6	456.3	456.3	464.9	469.1	473.4
30°	2746.6	1317.9	626.9	537.4	456.3	435.0	430.8	430.8	443.6	447.8	452.1
32.5°	2908.7	1415.9	703.7	571.5	443.6	409.4	400.9	400.9	413.7	418.0	422.2
35°	3130.4	1569.5	806.1	601.4	452.1	383.8	366.8	366.8	375.3	383.8	388.1
37.5°	3416.2	1821.1	925.5	622.7	452.1	354.0	332.7	328.4	336.9	336.9	341.2
40°	3714.7	2149.5	1049.2	622.7	430.8	324.1	302.8	290.0	294.3	290.0	294.3
42.5°	3881.1	2413.9	1155.8	584.3	405.2	294.3	273.0	255.9	251.6	243.1	247.4
45°	3974.9	2533.4	1125.9	541.6	379.6	273.0	247.4	226.0	217.5	204.7	204.7
47.5°	3974.9	2546.1	963.9	507.5	354.0	255.9	221.8	200.5	187.7	174.9	179.1
50°	3928.0	2431.0	763.4	473.4	324.1	238.8	200.5	183.4	166.3	157.8	157.8
52.5°	3731.8	2055.7	584.3	430.8	290.0	217.5	179.1	162.1	145.0	140.7	140.7
55°	3394.9	1509.8	473.4	388.1	260.2	200.5	162.1	149.3	132.2	123.7	123.7
57.5°	2759.4	1032.1	392.4	349.7	230.3	179.1	145.0	132.2	110.9	102.4	102.4
60°	2047.2	673.9	332.7	307.1	196.2	162.1	127.9	110.9	93.8	85.3	81.0
62.5°	1381.8	456.3	277.2	243.1	166.3	140.7	110.9	93.8	72.5	55.4	55.4
65°	861.5	354.0	230.3	191.9	145.0	123.7	93.8	72.5	51.2	38.4	34.1
67.5°	494.7	285.7	187.7	149.3	123.7	98.1	72.5	59.7	42.6	29.9	25.6
68°	*456.3*	*273.0*	*174.9*	*140.7*	*115.2*	*93.8*	*68.2*	*55.4*	*38.4*	*25.6*	*25.6*
70°	371.0	243.1	149.3	115.2	98.1	76.8	59.7	46.9	29.9	17.1	17.1
72.5°	328.4	204.7	127.9	89.6	68.2	64.0	46.9	34.1	21.3	12.8	8.5
75°	268.7	162.1	102.4	68.2	46.9	46.9	34.1	21.3	8.5	0.0	0.0
77.5°	174.9	119.4	81.0	42.6	25.6	29.9	21.3	8.5	0.0	0.0	0.0
80°	115.2	89.6	55.4	21.3	12.8	12.8	4.3	0.0	0.0	0.0	0.0
82.5°	81.0	59.7	34.1	8.5	4.3	4.3	0.0	0.0	0.0	0.0	0.0
85°	51.2	25.6	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	21.3	8.5	4.3	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

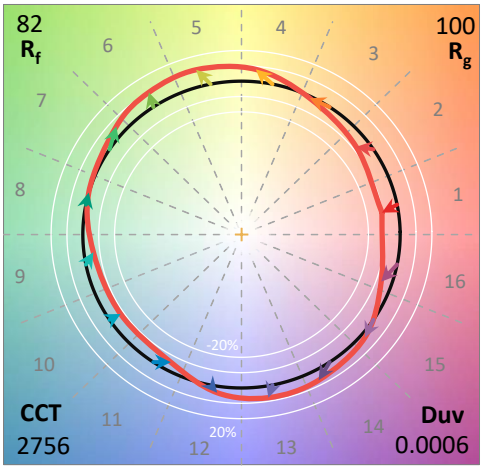
Test Information

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

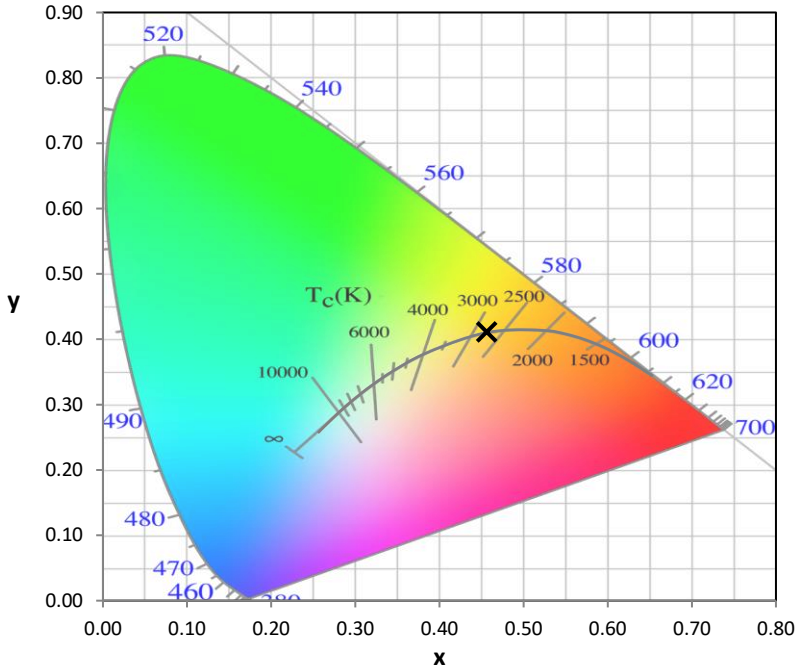
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

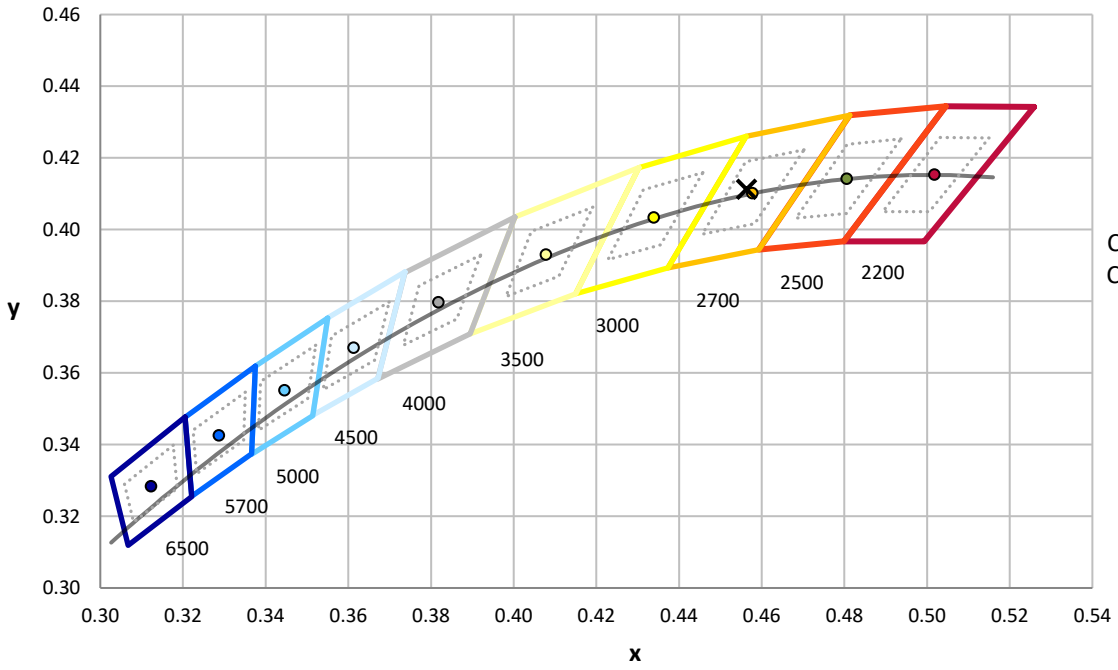
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

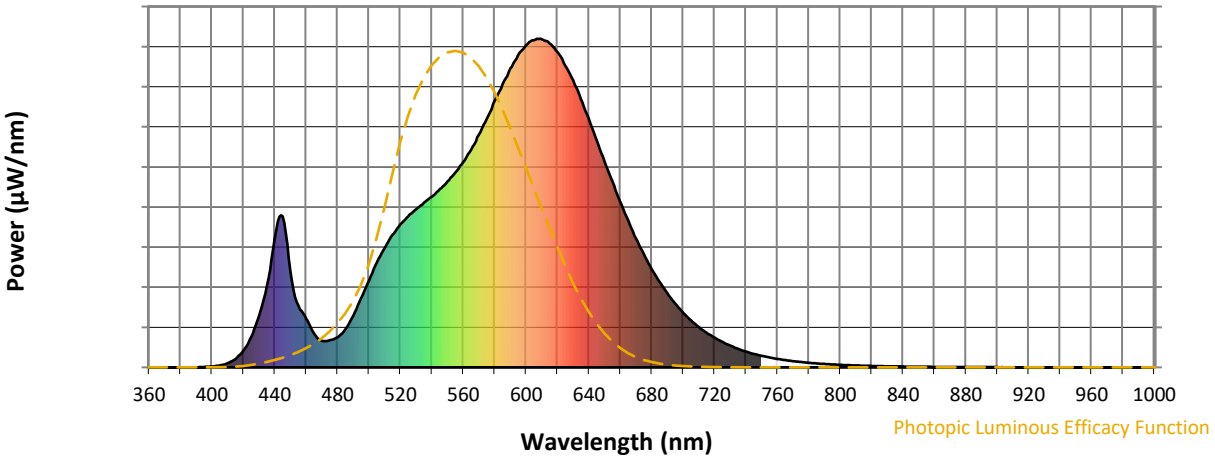


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

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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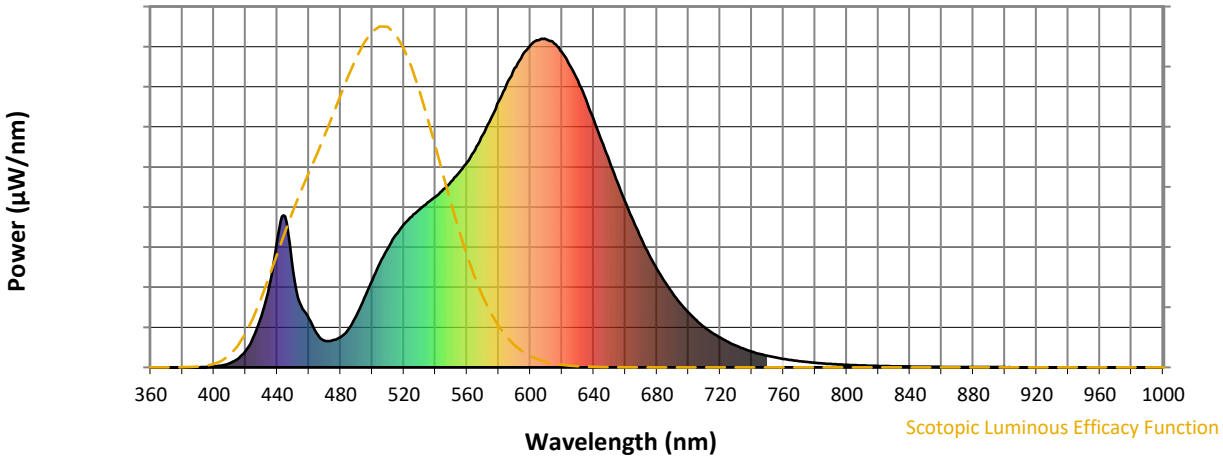
Scotopic Flux vs. Wavelength



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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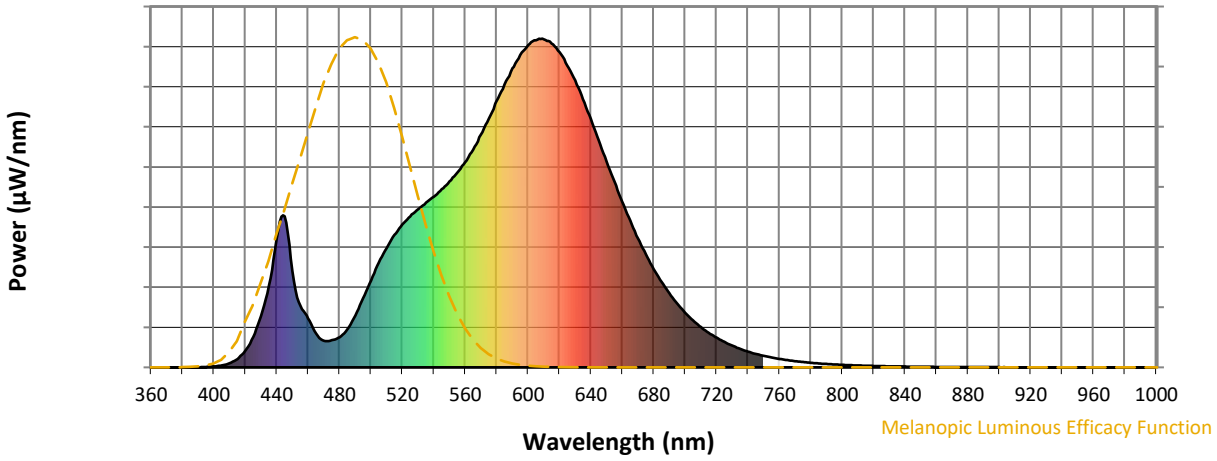
Melanopic Flux vs. Wavelength



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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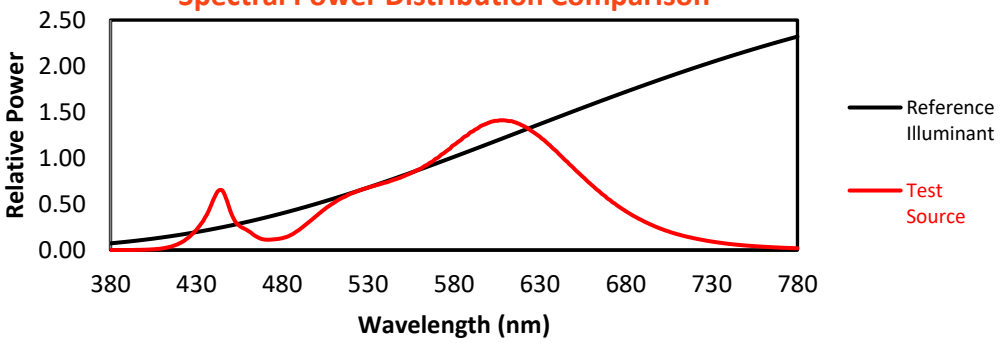
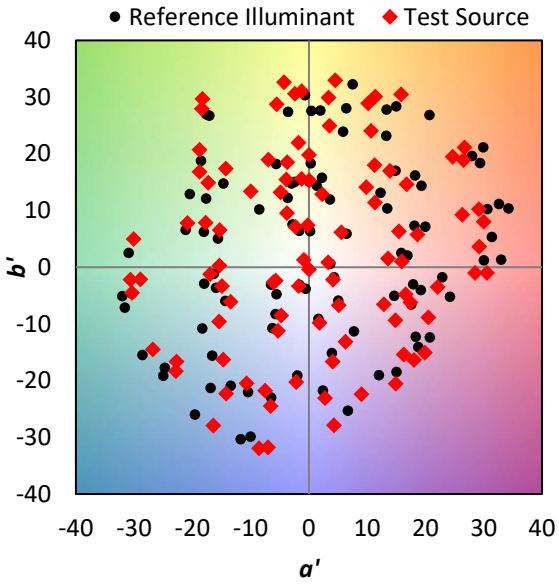
Summary

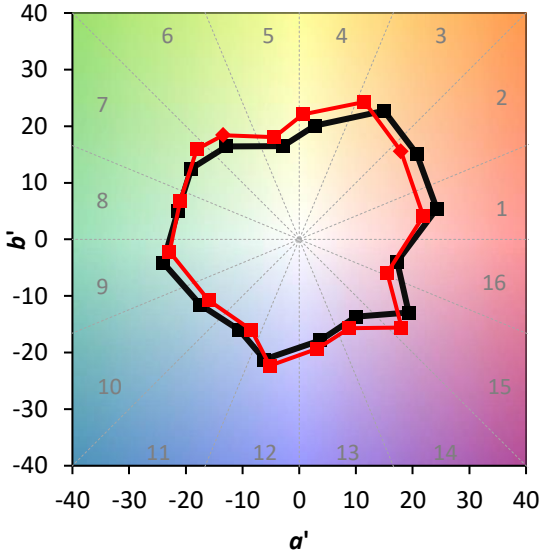
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

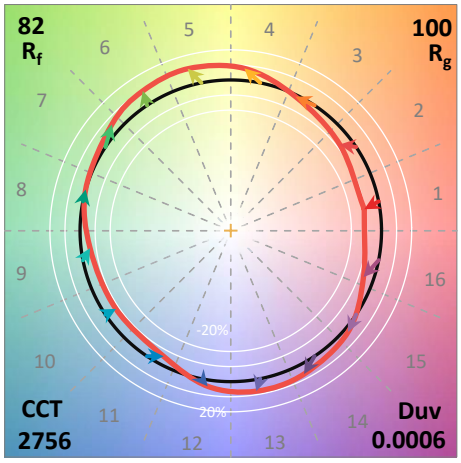
Spectral Power Distribution Comparison

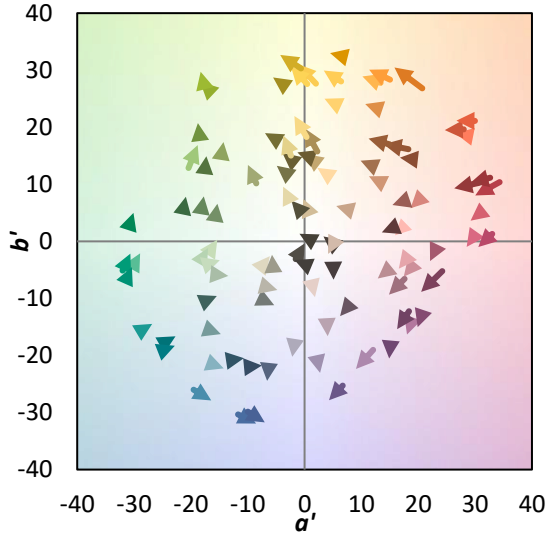


Color Vector Graphics









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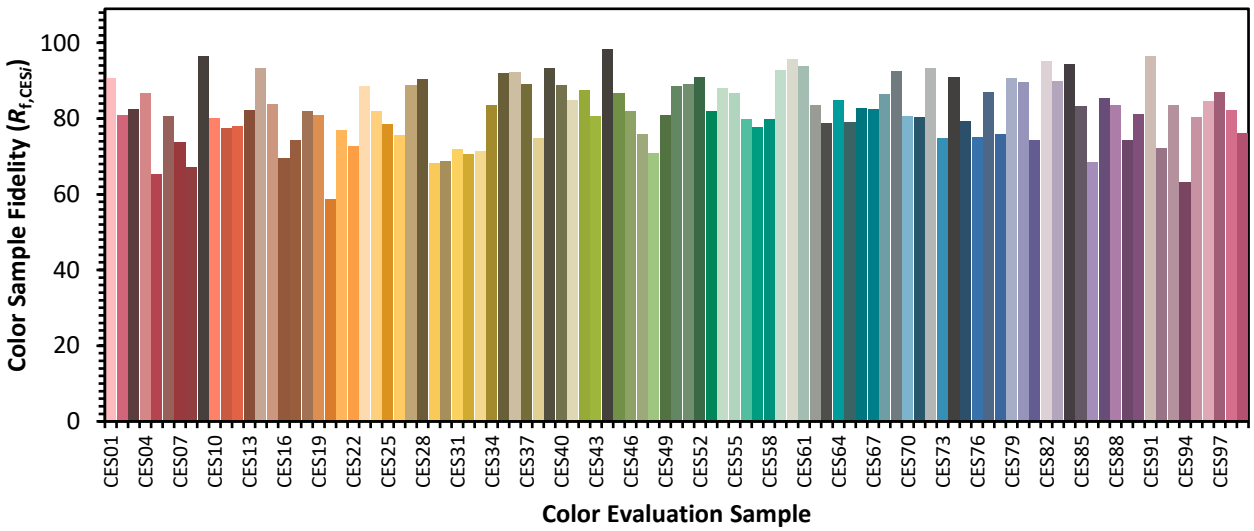
Individual Sample Fidelity Index ($R_{f,i}$)

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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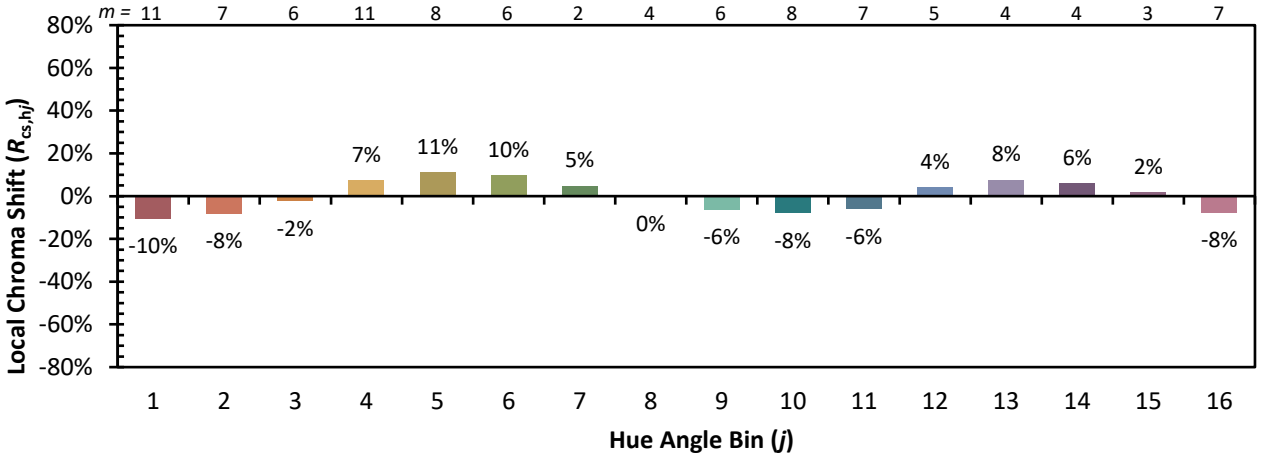
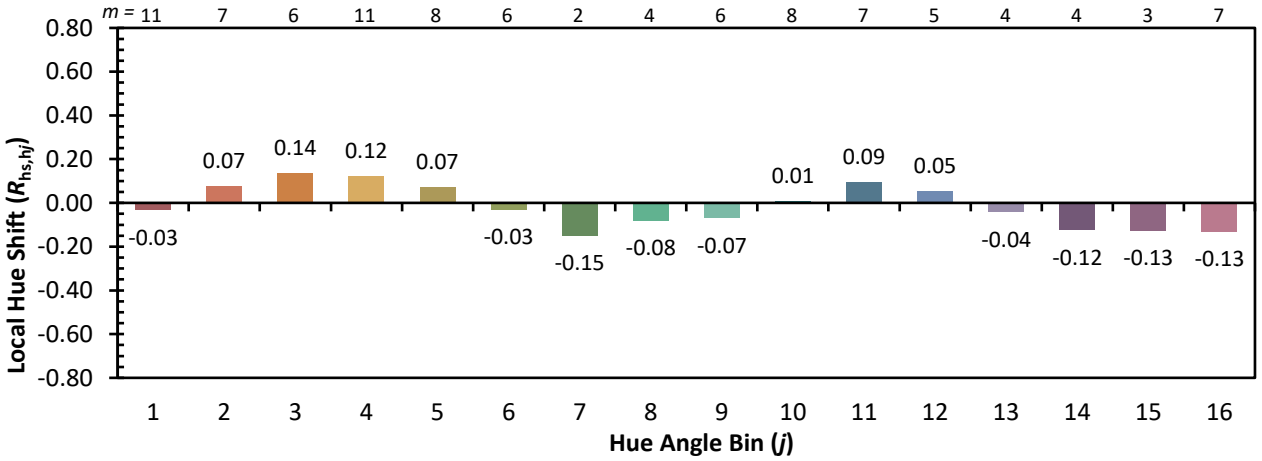
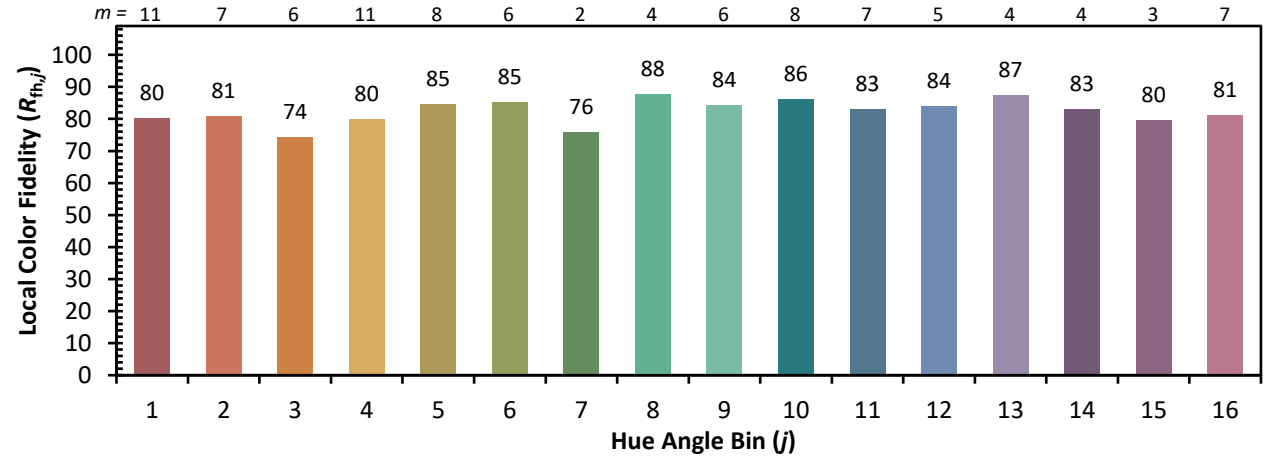
Color Rendition by Hue-Angle Bin







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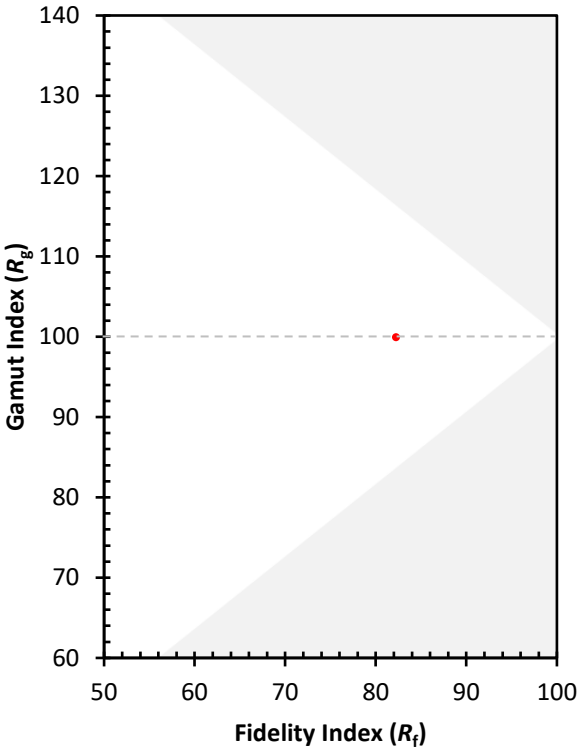
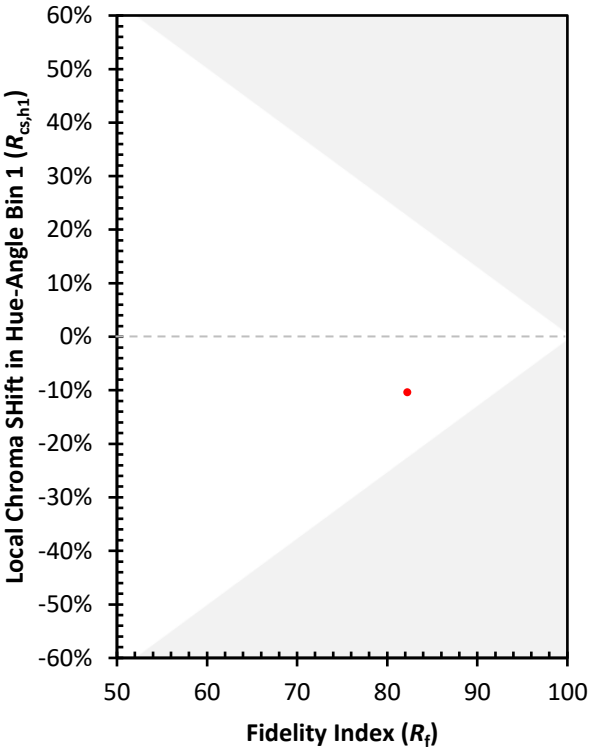
Measure Comparisons





(END OF REPORT)