Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled data based on original data using

LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1048746

Luminaire Tested: **GALN-SA2B-935-U-T4BC**

Issue Date: 07/10/2025

Report Generated By 670347003

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1048746
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA2B-935-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(28) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	6790.1 lumens
Efficiency:	N/A
Efficacy:	93.3 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	72.8
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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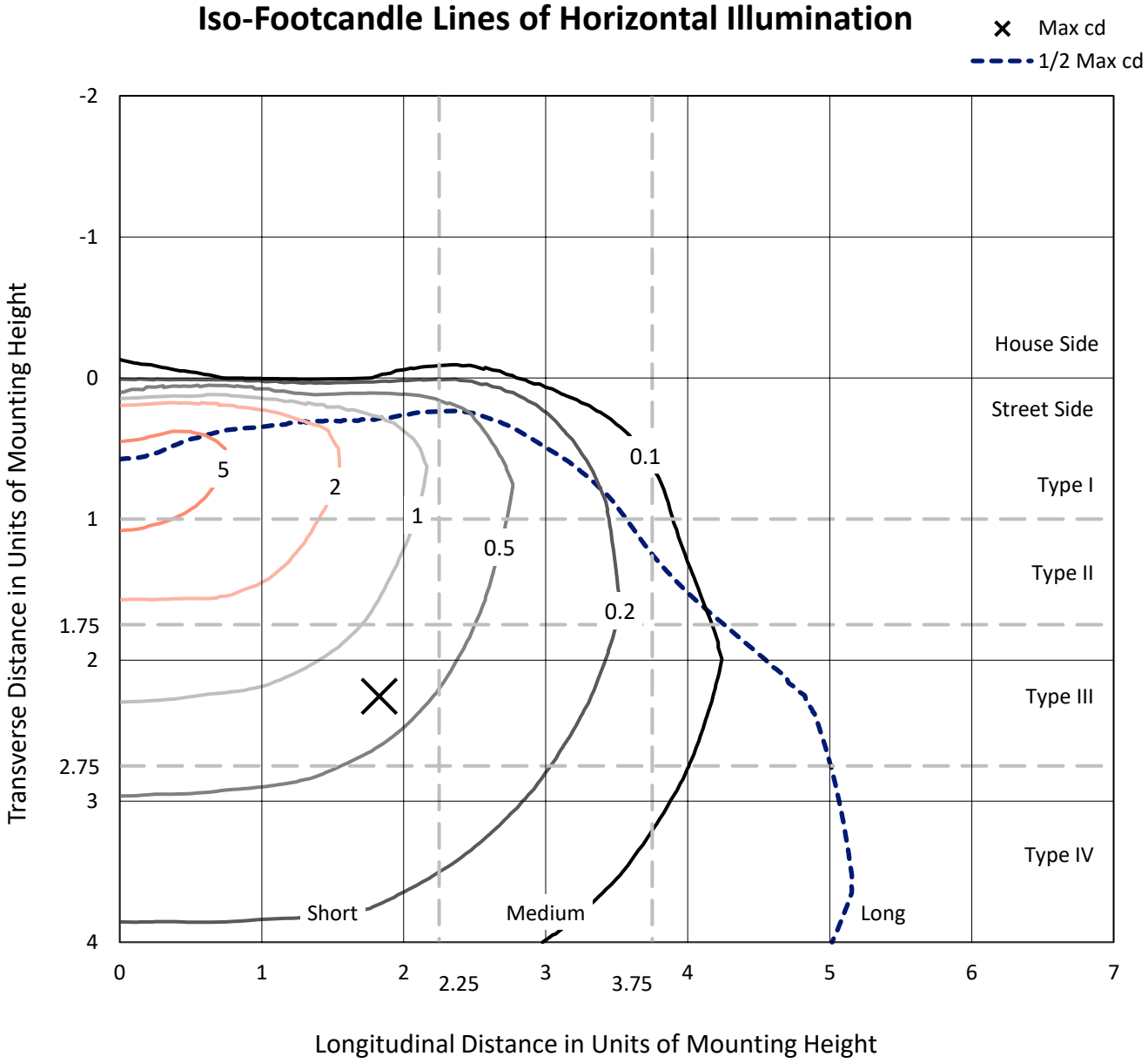
REPORT NUMBER: P1048746
CATALOG NUMBER: GALN-SA2B-935-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 7 fc
Type IV - Short - N/A

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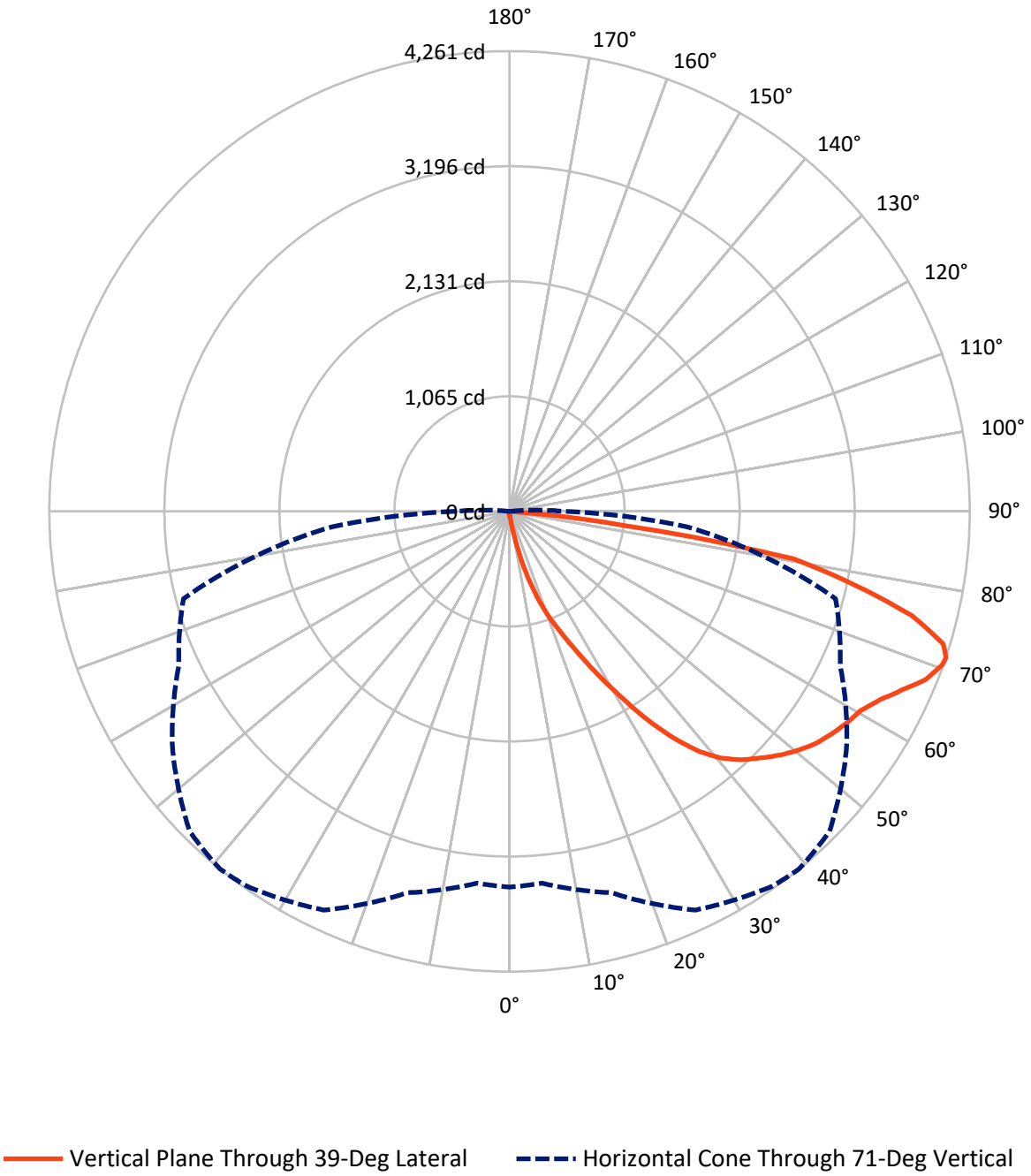
Luminous Intensity Polar Plot



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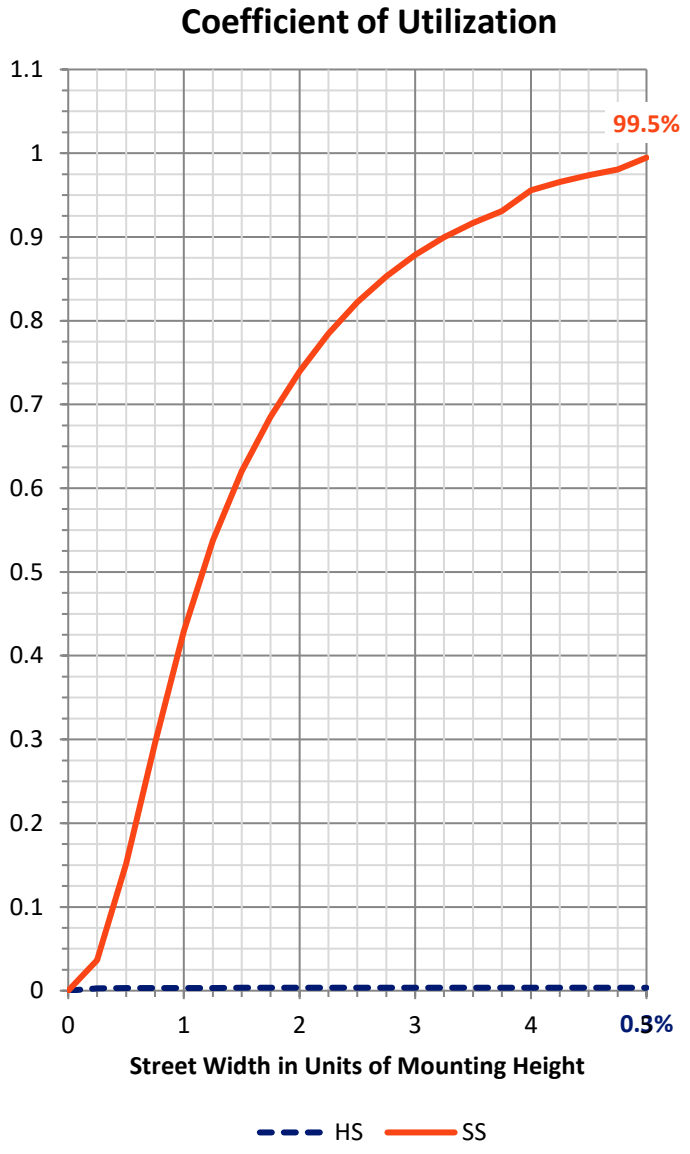
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.1	0.0	24.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6765.9	0.0	6765.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	6790.1	0.0	6790.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.1
10°-20°	72.6	1.1
20°-30°	258.4	3.8
30°-40°	622.9	9.2
40°-50°	1042.4	15.4
50°-60°	1338.9	19.7
60°-70°	1694.4	25.0
70°-80°	1510.6	22.2
80°-90°	244.2	3.6
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°	6790.1	100.0
0°-180°	6790.1	100.0



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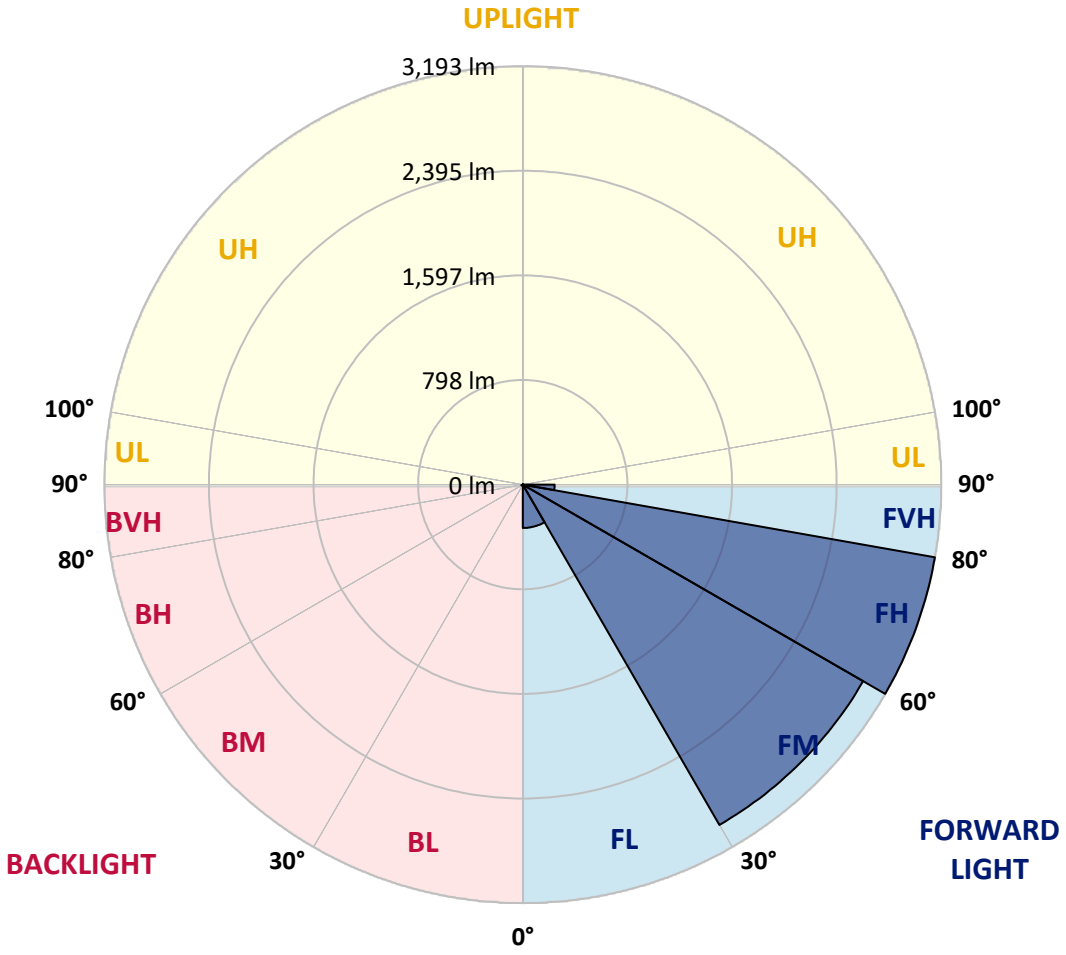
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	330.9	4.9			
FM	(30°-60°)	2998.6	44.2			
FH	(60°-80°)	3193.4	47.0			G2/5000
FVH	(80°-90°)	243.1	3.6			G3/500
BL	(0°-30°)	5.8	0.1	B0/110		
BM	(30°-60°)	5.6	0.1	B0/220		
BH	(60°-80°)	11.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3
Type IV Short



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REPORT NUMBER: P1048746
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	37.2	37.2	37.2	37.2	37.2	*37.2*	37.2	37.2	37.2	37.2	37.2
2.5°	42.7	42.7	42.7	41.4	41.4	*40.9*	40.4	40.4	39.5	39.1	38.2
5°	64.8	63.4	60.2	58.4	54.7	*52.4*	50.1	46.9	43.7	41.4	38.6
7.5°	146.6	149.8	139.3	119.5	99.3	*90.6*	75.8	61.1	50.6	43.7	39.1
10°	373.7	371.9	336.0	296.5	228.9	*201.8*	158.1	99.7	65.3	47.8	39.5
12.5°	635.7	633.9	591.6	537.8	448.6	*392.1*	309.3	186.2	93.8	54.2	39.5
15°	855.9	848.5	835.2	781.9	677.5	*630.2*	520.8	329.1	151.7	65.3	40.4
17.5°	1001.6	995.1	982.7	963.4	897.2	*841.2*	753.4	517.1	245.5	84.6	42.3
20°	1135.3	1130.7	1120.6	1117.0	1074.2	*1044.3*	971.7	733.1	382.4	114.9	45.0
22.5°	1319.2	1309.5	1313.7	1291.6	1249.8	*1213.9*	1169.4	959.3	549.7	165.5	50.1
25°	1544.4	1539.8	1528.3	1512.7	1454.8	*1423.5*	1355.0	1172.6	736.8	231.7	55.6
27.5°	1816.5	1811.5	1808.7	1772.9	1706.2	*1672.2*	1576.6	1373.9	947.3	324.5	63.0
30°	2130.0	2132.3	2114.4	2068.4	1990.7	*1942.9*	1844.6	1584.9	1162.9	433.5	70.8
32.5°	2454.5	2449.9	2422.4	2368.1	2298.7	*2254.1*	2129.1	1816.1	1389.1	577.3	80.0
35°	2804.3	2795.6	2723.0	2660.9	2601.6	*2545.5*	2431.5	2084.5	1615.2	738.7	92.4
37.5°	3157.3	3116.4	2970.7	2892.1	2851.2	*2805.2*	2699.1	2370.9	1840.0	918.8	107.6
40°	3423.9	3392.2	3219.4	3074.6	3042.0	*3002.9*	2923.8	2618.2	2079.0	1112.4	125.9
42.5°	3571.5	3554.0	3398.7	3255.7	3178.9	*3144.5*	3076.9	2834.2	2315.3	1326.1	152.6
45°	3634.5	3607.3	3503.5	3436.8	3314.5	*3257.5*	3177.1	2997.4	2562.1	1568.8	189.8
47.5°	3615.1	3599.5	3525.1	3549.4	3460.7	*3372.0*	3253.9	3122.4	2773.1	1847.3	240.9
50°	3493.8	3480.5	3457.5	3589.4	3578.4	*3473.6*	3353.1	3221.2	2945.4	2134.6	319.9
52.5°	3263.1	3257.5	3316.4	3558.2	3645.0	*3563.2*	3448.8	3308.6	3106.3	2434.8	433.0
55°	2965.7	2988.2	3156.4	3509.4	3679.0	*3629.4*	3533.3	3390.4	3235.5	2703.2	599.8
57.5°	2843.4	2849.4	3059.4	3475.0	3694.2	*3687.8*	3615.6	3468.5	3354.1	2917.9	854.5
60°	2986.3	2977.2	3087.9	3501.2	3724.5	*3740.2*	3688.7	3541.1	3457.0	3102.2	1193.7
62.5°	3244.7	3239.6	3275.0	3612.9	3813.3	*3845.0*	3790.3	3593.5	3548.0	3223.5	1580.7
65°	3475.4	3464.8	3530.6	3811.0	3969.1	*3991.6*	3943.8	3683.2	3588.0	3311.8	1944.3
67.5°	3575.2	3572.9	3678.6	3999.4	4132.7	*4157.1*	4115.2	3806.8	3578.8	3339.8	2104.7
70°	3529.7	3520.9	3690.1	4079.4	4225.1	*4252.7*	4212.2	3852.8	3479.1	3251.1	1867.1
71°	*3479.6*	*3456.1*	*3655.6*	*4073.9*	*4238.0*	*4261.4*	*4190.6*	*3811.0*	*3378.9*	*3125.2*	*1651.5*
72.5°	3324.2	3328.3	3560.9	4016.4	4207.2	*4200.3*	4068.4	3661.1	3258.0	2839.3	1326.6
75°	2941.8	2966.1	3254.3	3775.1	3932.3	*3844.5*	3642.7	3374.8	3015.3	2035.8	921.1
77.5°	2404.0	2440.3	2757.0	3310.9	3266.3	*3257.5*	3249.3	2973.5	2575.0	1093.5	640.8
80°	1147.7	1226.3	1663.0	2363.5	2567.6	*2666.4*	2604.4	2396.2	1991.2	520.8	382.9
82.5°	74.9	74.0	104.8	198.6	837.0	*1082.0*	1719.1	1712.7	1388.1	253.7	156.3
85°	35.4	36.3	40.0	45.5	52.9	*57.9*	80.0	468.8	664.2	120.9	34.0
87.5°	20.7	21.1	24.8	31.7	41.4	*46.0*	54.7	70.3	86.4	66.6	7.4
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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CATALOG NUMBER: GALN-SA2B-935-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
2.5°	37.7	37.2	35.9	34.5	33.1	32.2	31.7	32.2	32.2	32.6	32.6
5°	37.7	36.3	34.0	31.3	29.4	27.6	26.7	26.2	26.7	26.7	26.7
7.5°	37.2	34.9	31.7	28.5	26.2	23.9	23.0	22.5	22.5	23.0	23.0
10°	36.3	34.0	29.9	26.2	23.4	20.7	19.3	17.9	17.9	17.9	18.4
12.5°	35.9	32.6	27.6	23.9	20.2	17.0	14.2	12.9	13.3	13.3	13.3
15°	34.9	31.3	26.2	21.6	17.0	12.9	10.6	9.2	9.7	10.1	9.7
17.5°	34.9	30.8	24.4	18.8	13.3	9.7	7.8	6.9	6.9	7.4	7.4
20°	34.9	29.9	23.0	16.1	10.1	7.4	5.5	5.1	5.1	6.0	6.4
22.5°	35.9	29.9	21.1	13.3	8.3	5.5	4.1	3.7	4.1	5.1	5.5
25°	37.2	29.4	19.3	12.0	6.9	4.1	3.2	2.3	2.8	3.7	4.1
27.5°	38.6	29.0	17.5	10.6	5.5	3.2	2.3	1.8	1.4	1.8	1.8
30°	40.0	29.0	15.6	8.7	4.6	2.3	1.4	0.9	0.5	0.0	0.0
32.5°	40.9	28.0	14.2	6.9	3.7	1.8	0.9	0.5	0.0	0.0	0.0
35°	41.8	27.1	12.4	5.5	2.8	1.4	0.5	0.0	0.0	0.0	0.0
37.5°	42.7	25.7	10.6	4.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0
40°	43.7	23.9	8.7	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	44.6	22.5	7.4	3.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	46.9	21.6	6.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	51.0	20.7	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	57.0	19.8	5.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	65.3	19.3	4.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	80.0	18.8	4.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	105.3	18.4	4.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	161.3	17.5	4.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	288.2	17.0	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	502.4	17.5	3.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	720.3	18.4	3.2	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	616.4	16.1	3.2	1.8	0.9	0.5	0.0	0.0	0.0	0.0	0.0
71°	*502.4*	*14.2*	*3.2*	*1.8*	*0.9*	*0.5*	*0.5*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	323.1	11.0	2.8	1.8	0.9	0.9	0.5	0.0	0.0	0.0	0.0
75°	136.5	9.2	2.8	1.8	1.4	0.9	0.9	0.5	0.0	0.0	0.0
77.5°	58.4	6.9	2.8	2.3	1.8	1.4	1.4	0.9	0.5	0.0	0.0
80°	22.1	5.5	3.2	2.8	2.3	2.3	1.8	0.9	0.5	0.0	0.0
82.5°	10.1	4.6	3.2	2.8	2.8	2.3	1.8	1.4	0.9	0.0	0.0
85°	6.4	4.1	3.2	2.8	2.8	2.3	2.3	1.4	0.9	0.0	0.0
87.5°	5.1	4.1	3.2	3.2	2.8	2.8	1.8	1.4	0.5	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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

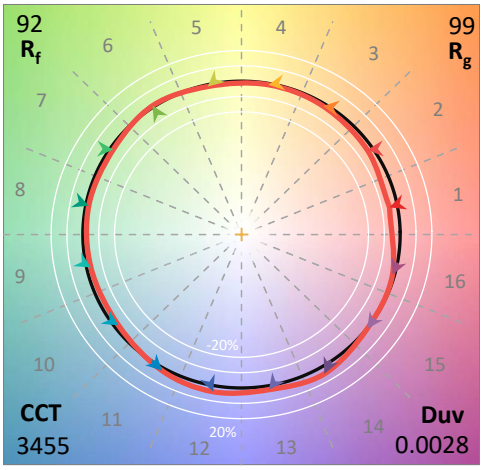
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-15
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-935-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3455
CIE u':	0.2356
CIE v':	0.5159
Duv:	0.0028
CIE x:	0.4109
CIE y:	0.3999
CIE z:	0.1892
Peak Wavelength (nm):	616
Dominant Wavelength (nm):	579
Purity:	43.35383
Rf:	92.3
Rg:	98.5

CRI (Ra):	92.2
R1:	92.0
R2:	94.4
R3:	95.6
R4:	93.2
R5:	91.4
R6:	92.5
R7:	94.5
R8:	84.2
R9:	59.8
R10:	85.8
R11:	93.2
R12:	78.0
R13:	92.5
R14:	97.0
R15:	88.4



Test Conditions

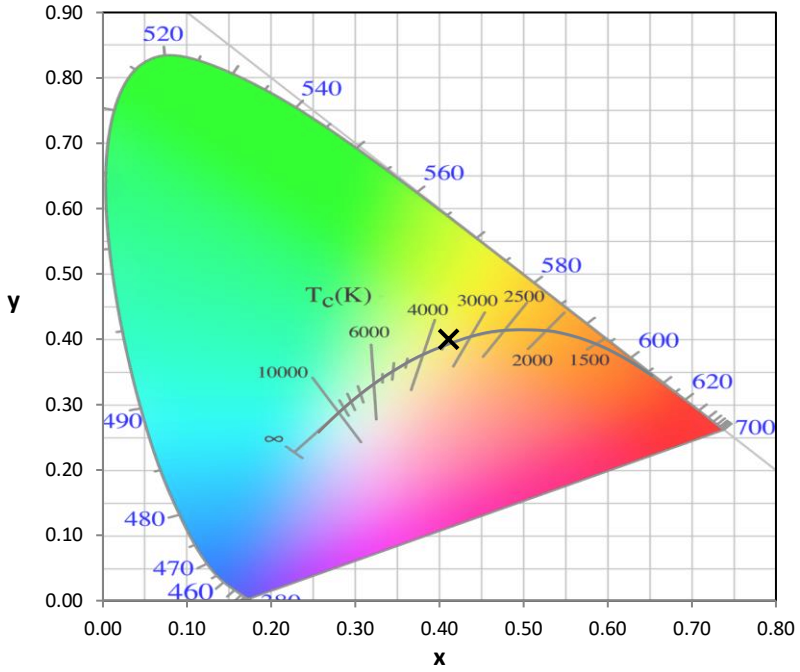
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

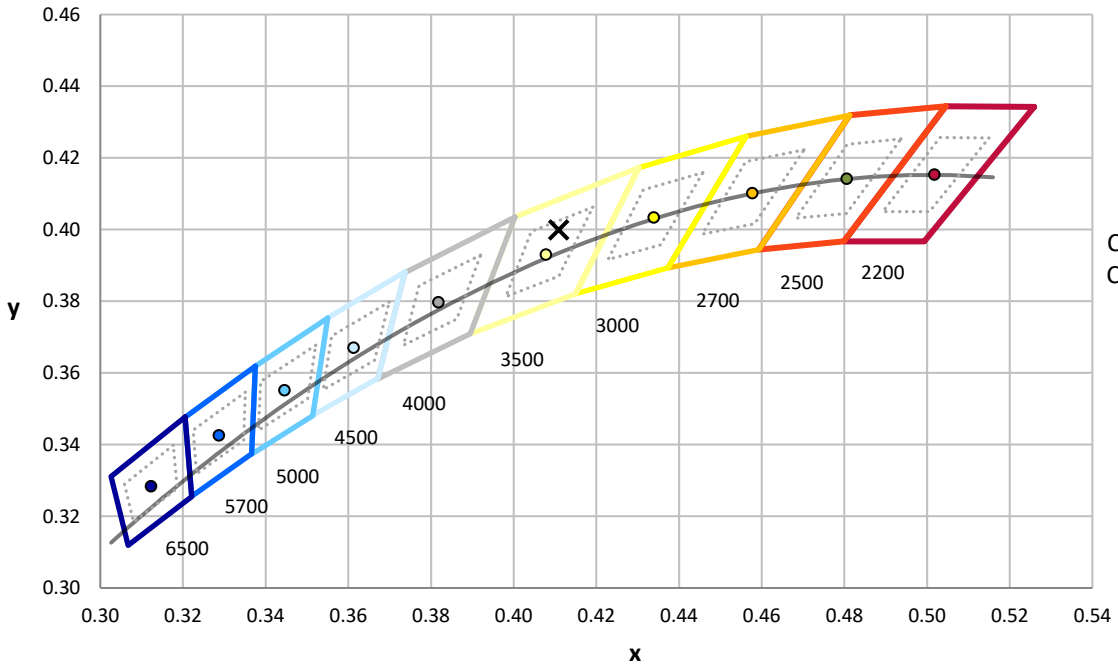
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



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

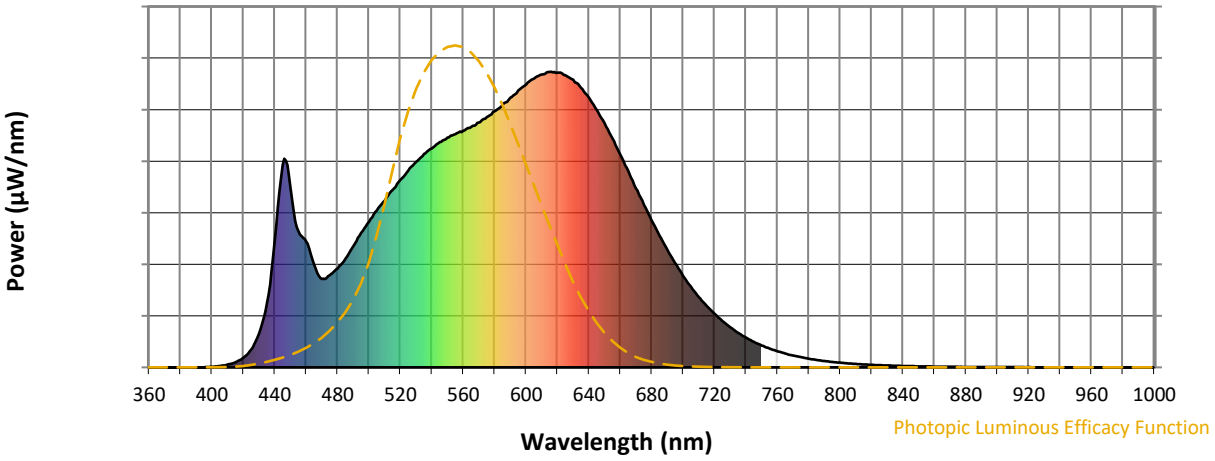


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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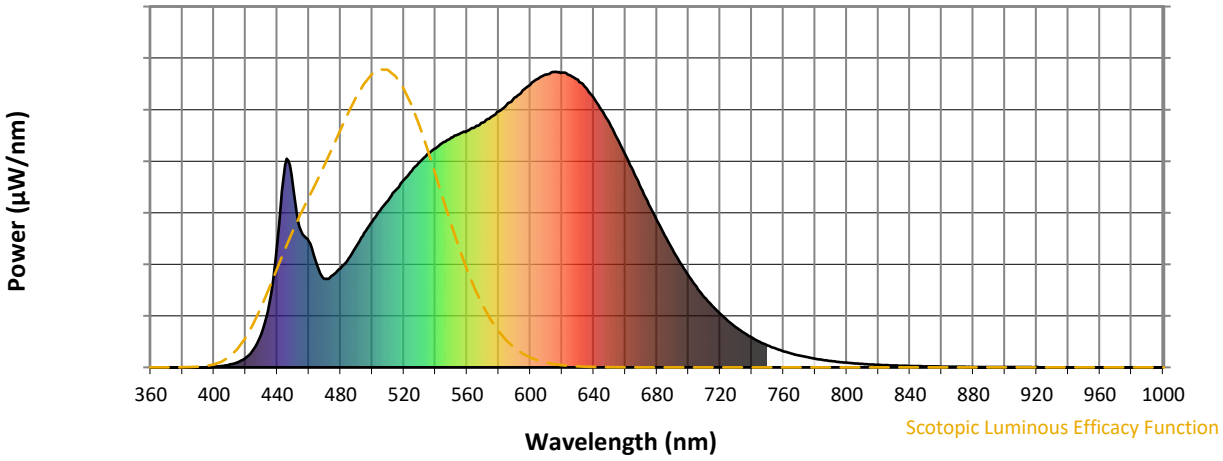
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.58**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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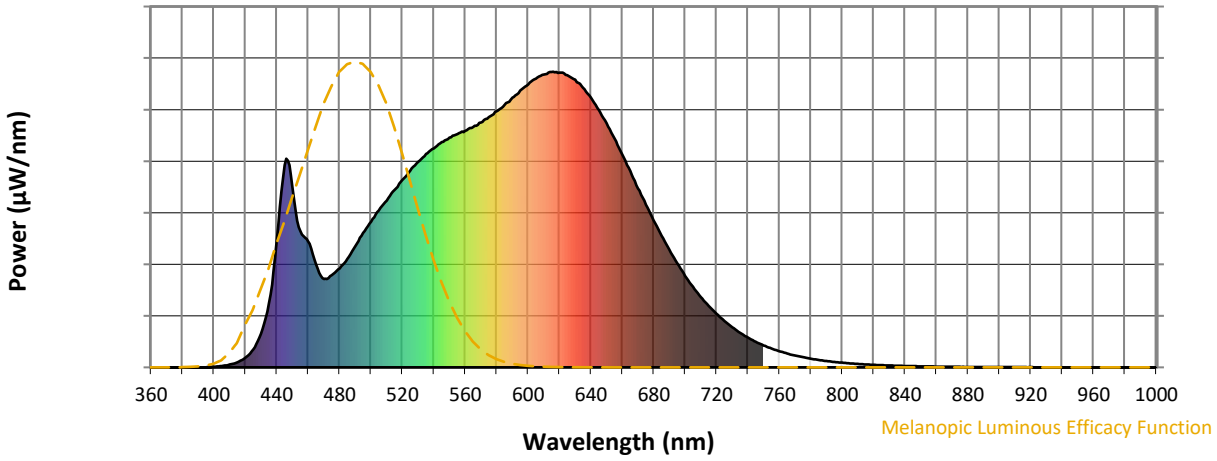
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.14**

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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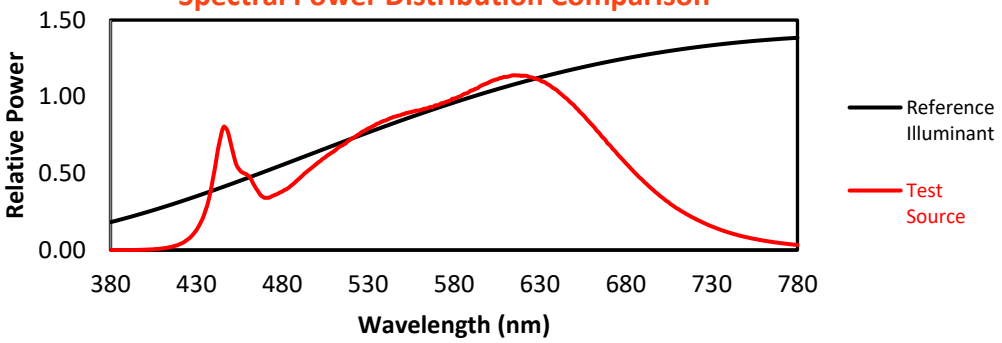
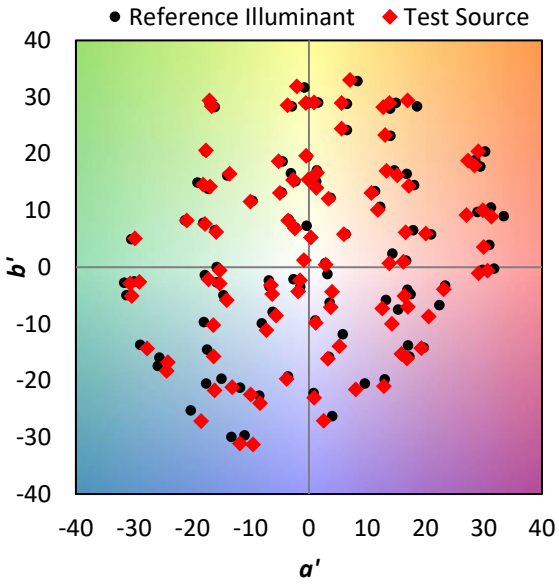
Summary

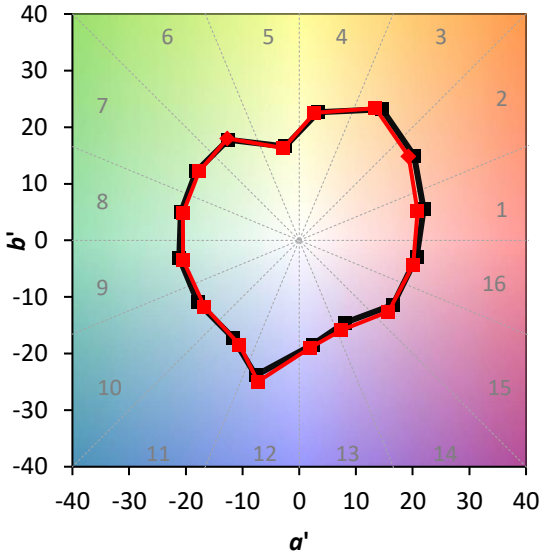
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

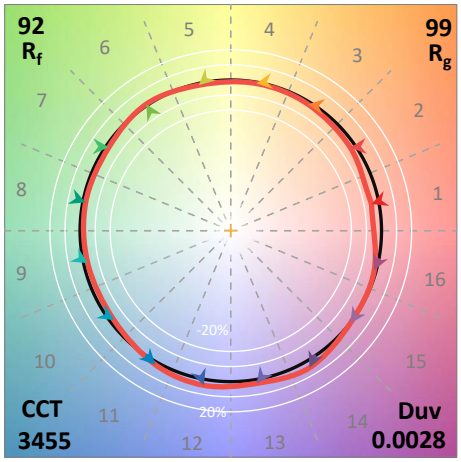
Spectral Power Distribution Comparison

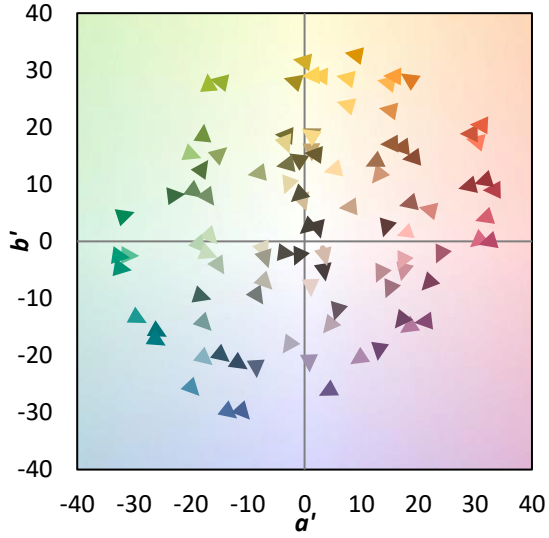


Color Vector Graphics









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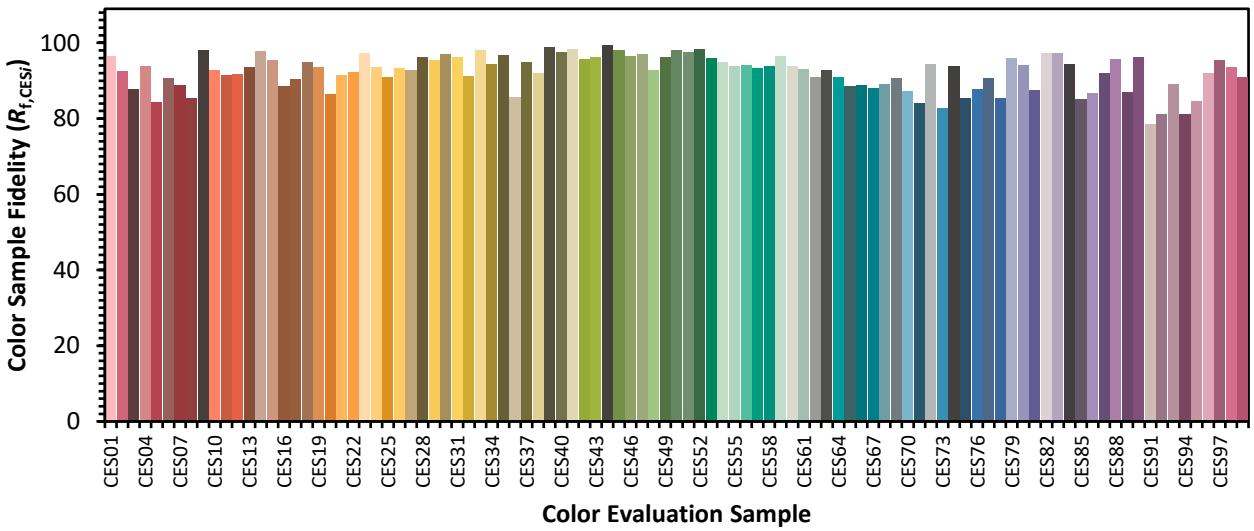
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



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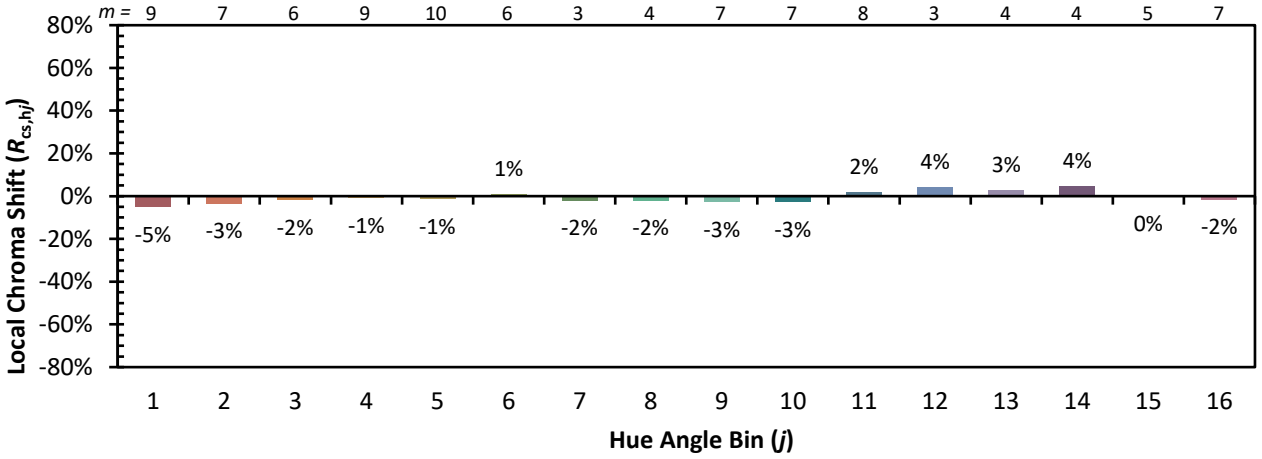
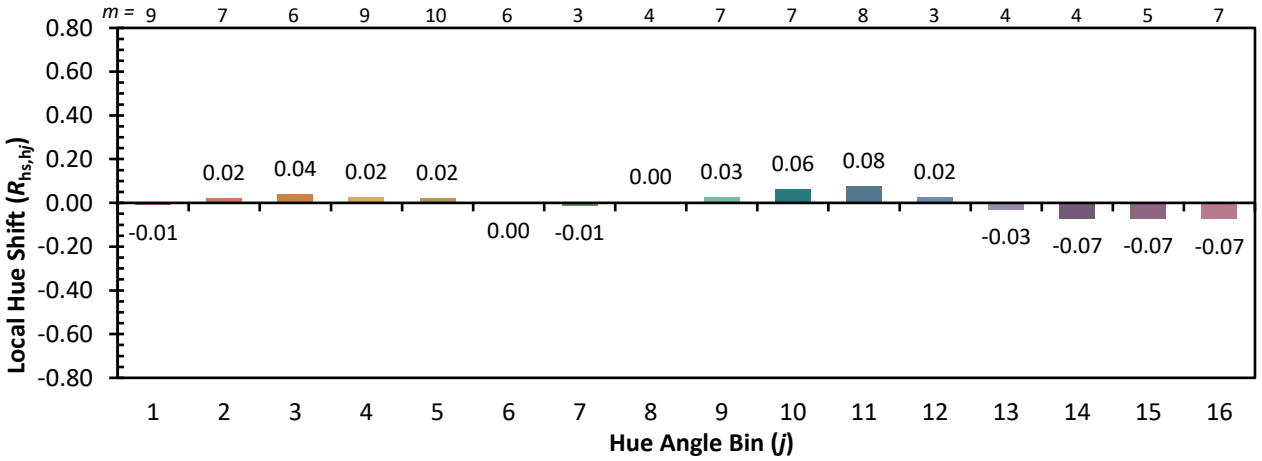
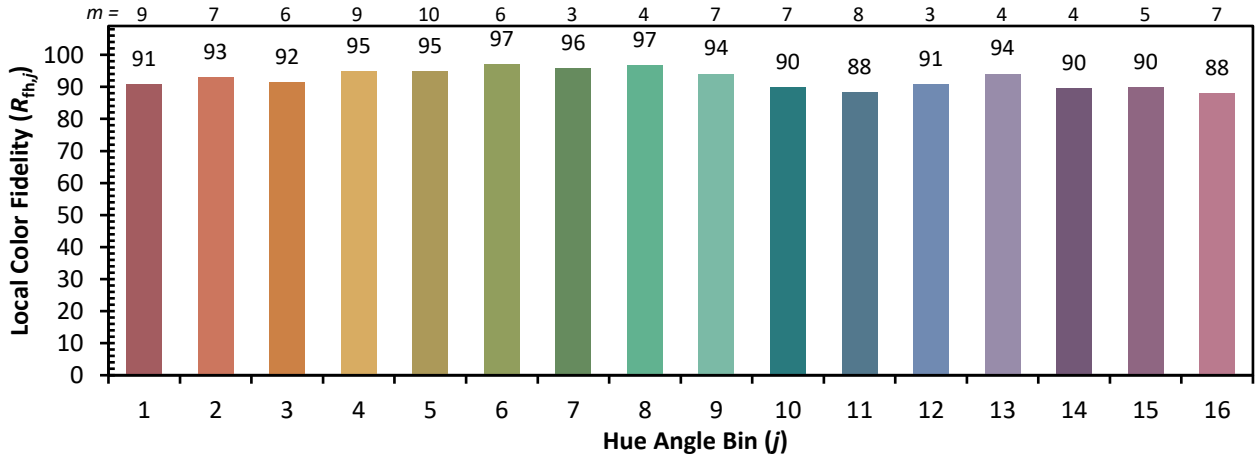
Color Rendition by Hue-Angle Bin







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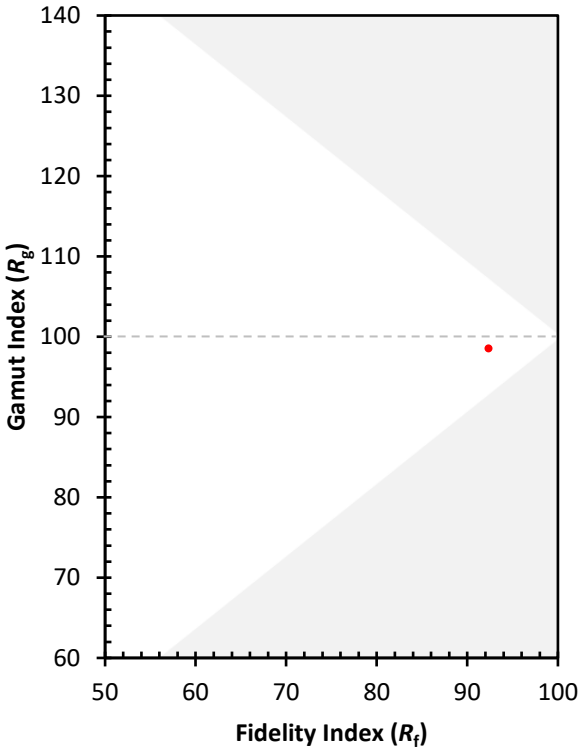
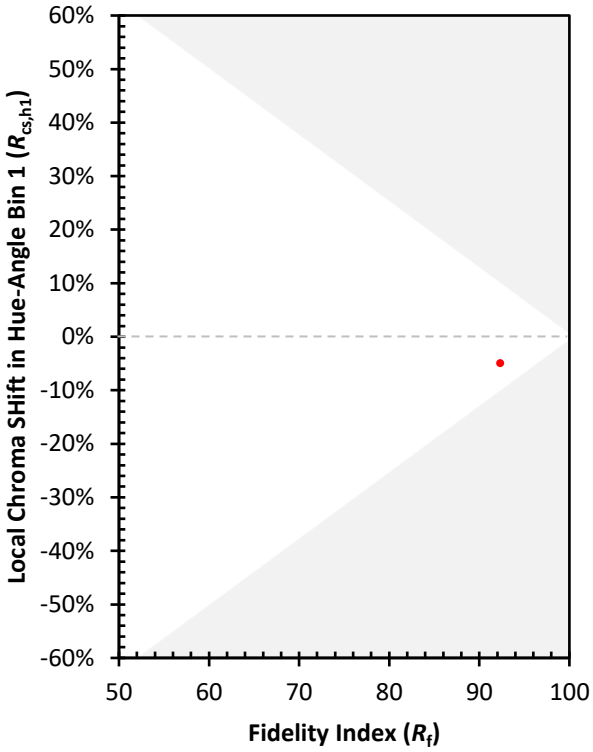
Measure Comparisons





(END OF REPORT)