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: P1047530

Luminaire Tested: **GALN-SA4B-935-U-T3BC**

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:	P1047530
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4B-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(56) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13818 lumens
Efficiency:	N/A
Efficacy:	95.9 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	144.1
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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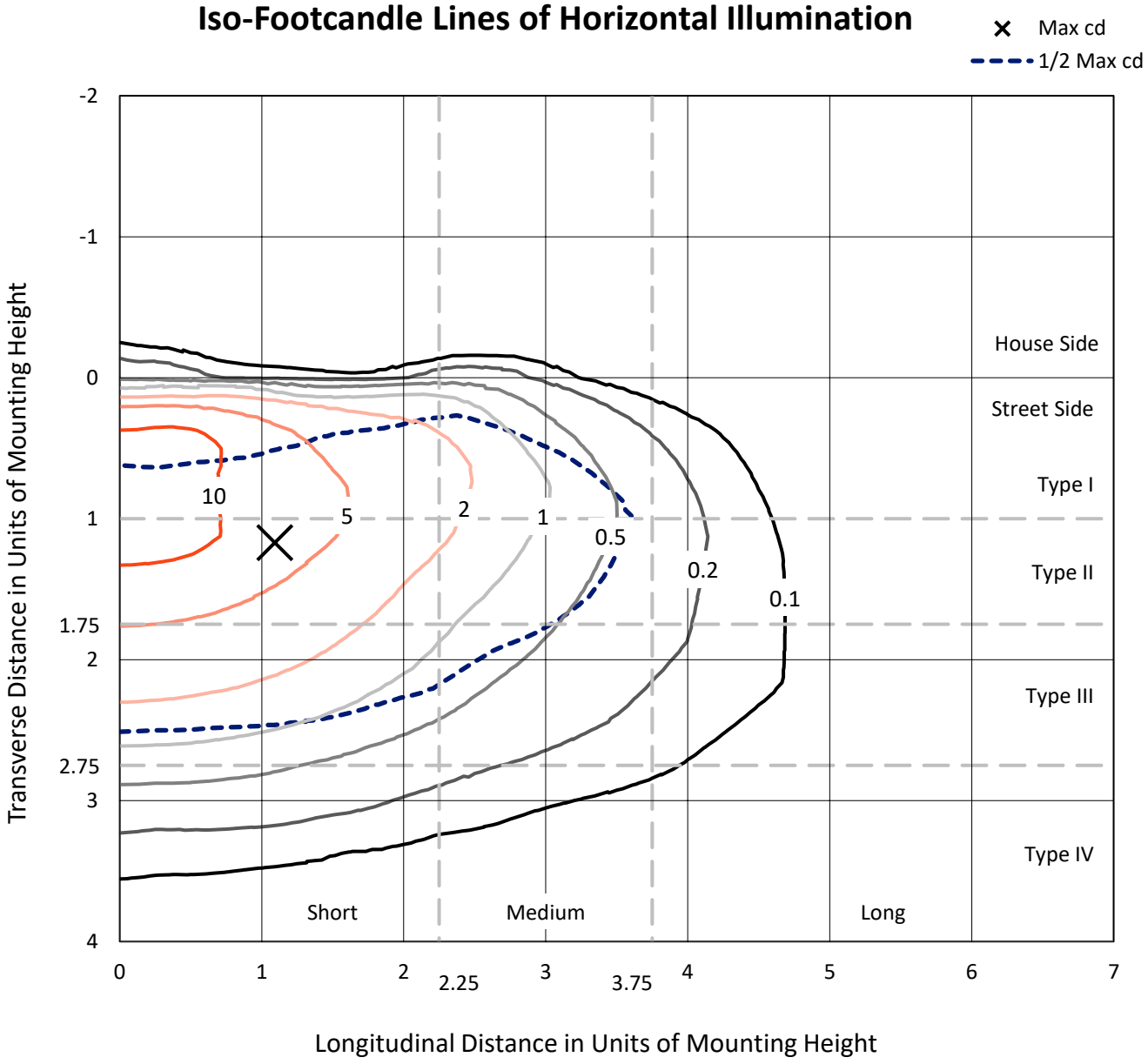
REPORT NUMBER: P1047530
CATALOG NUMBER: GALN-SA4B-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 15.5 fc
Type III - Short - N/A

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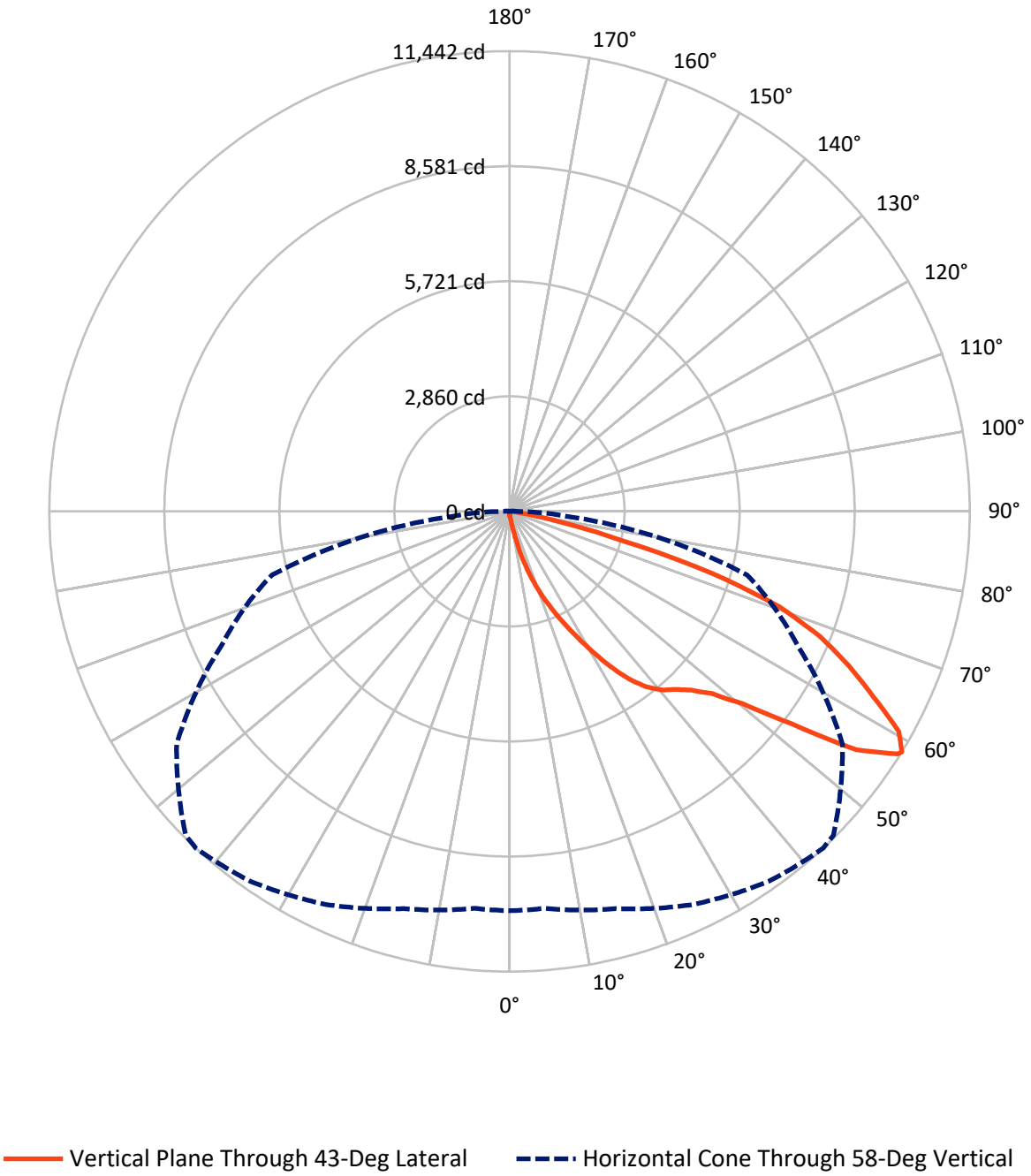
Luminous Intensity Polar Plot



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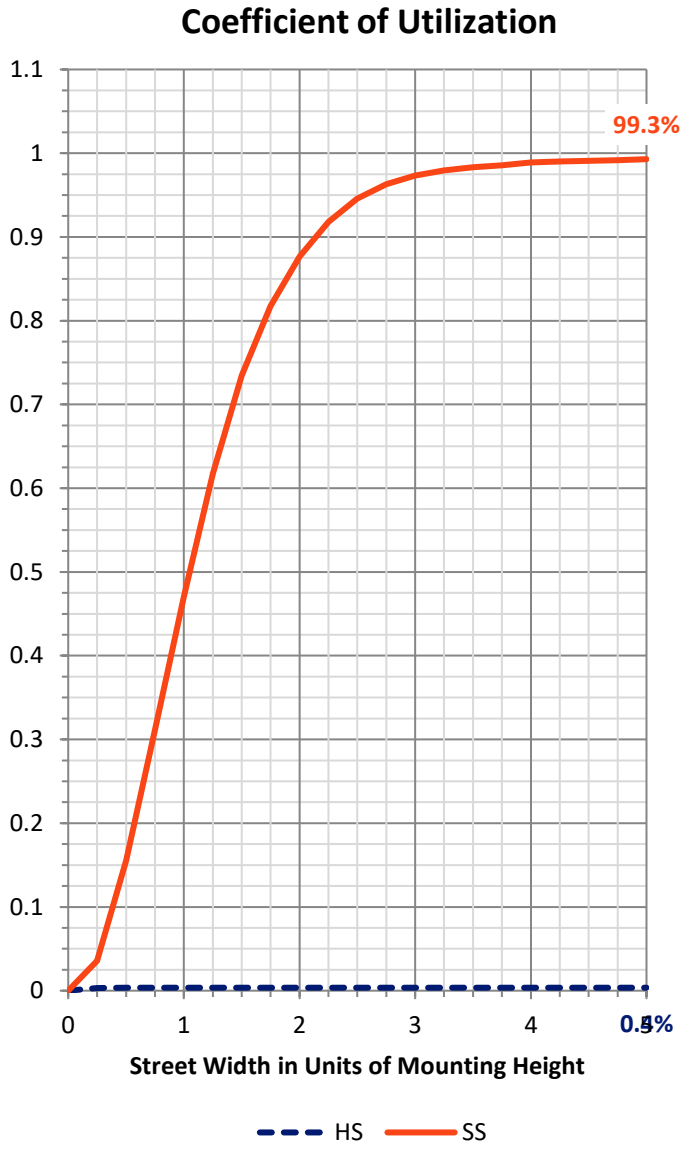
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.4	0.0	50.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13767.5	0.0	13767.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	13818.0	0.0	13818.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.1
10°-20°	158.8	1.1
20°-30°	572.5	4.1
30°-40°	1309.9	9.5
40°-50°	2209.2	16.0
50°-60°	3645.7	26.4
60°-70°	4074.6	29.5
70°-80°	1682.3	12.2
80°-90°	151.7	1.1
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°	13818.0	100.0
0°-180°	13818.0	100.0



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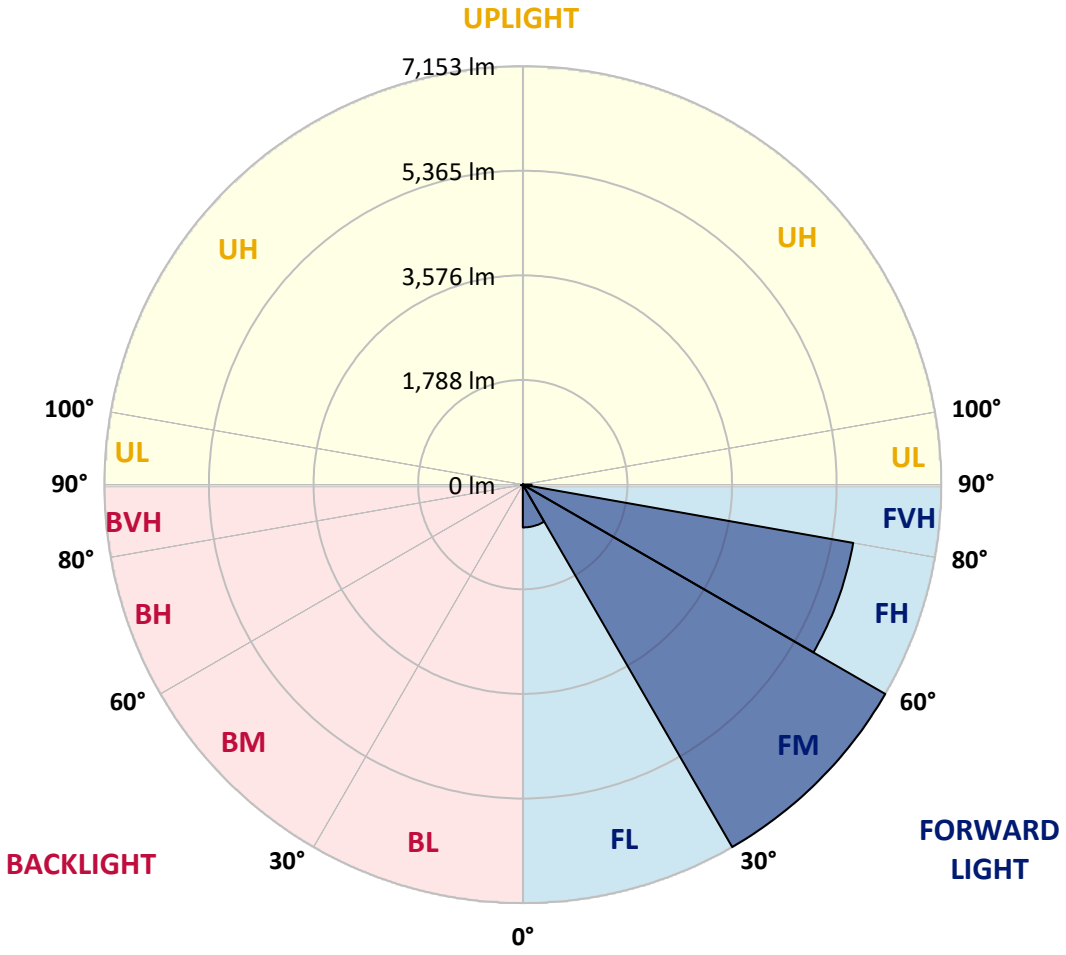
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	731.4	5.3			
FM	(30°-60°)	7152.7	51.8			
FH	(60°-80°)	5733.8	41.5			G3/7500
FVH	(80°-90°)	149.6	1.1			G2/225
BL	(0°-30°)	13.2	0.1	B0/110		
BM	(30°-60°)	12.1	0.1	B0/220		
BH	(60°-80°)	23.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	90.3	90.3	90.3	90.3	90.3	*90.3*	90.3	90.3	90.3	90.3	90.3
2.5°	108.4	112.0	108.4	108.4	108.4	*104.8*	104.8	101.2	101.2	97.6	94.0
5°	159.0	159.0	148.2	140.9	133.7	*130.1*	126.5	119.3	112.0	104.8	97.6
7.5°	354.2	354.2	321.6	278.3	220.5	*187.9*	180.7	148.2	126.5	112.0	97.6
10°	845.7	845.7	773.4	654.1	506.0	*375.9*	336.1	213.2	151.8	119.3	101.2
12.5°	1405.8	1423.9	1333.6	1181.8	961.3	*733.6*	654.1	390.3	202.4	130.1	101.2
15°	1908.2	1864.8	1839.5	1695.0	1485.3	*1214.3*	1113.1	657.7	292.7	148.2	101.2
17.5°	2247.9	2247.9	2211.8	2114.2	1922.6	*1684.1*	1601.0	1062.5	473.4	169.9	104.8
20°	2645.4	2645.4	2580.4	2511.7	2341.9	*2139.5*	2060.0	1510.6	733.6	216.8	104.8
22.5°	3126.1	3133.3	3061.0	2938.2	2775.5	*2551.5*	2482.8	1926.2	1062.5	289.1	108.4
25°	3711.6	3718.8	3614.0	3498.3	3249.0	*3006.8*	2902.0	2403.3	1463.7	404.8	108.4
27.5°	4358.5	4409.1	4253.6	4054.9	3791.1	*3487.5*	3408.0	2833.4	1861.2	571.0	115.6
30°	5164.4	5164.4	4958.4	4680.1	4394.6	*4018.7*	3917.5	3285.1	2284.0	791.5	122.9
32.5°	5858.3	5804.0	5540.2	5247.5	4943.9	*4593.4*	4484.9	3758.5	2717.7	1066.1	137.3
35°	6389.5	6342.5	6017.3	5702.9	5439.0	*5117.4*	4987.3	4271.7	3176.7	1376.9	159.0
37.5°	6844.9	6826.8	6385.9	5992.0	5818.5	*5536.6*	5421.0	4756.0	3628.4	1713.0	184.3
40°	7343.6	7285.8	6816.0	6328.1	6067.9	*5840.2*	5735.4	5146.3	4062.1	2106.9	220.5
42.5°	7770.0	7701.4	7278.5	6801.5	6357.0	*6049.8*	5948.6	5475.2	4484.9	2500.9	267.4
45°	8243.5	8207.3	7780.9	7419.5	6826.8	*6335.3*	6201.6	5739.0	4871.6	2970.7	328.9
47.5°	8955.4	8890.4	8492.8	8196.5	7509.8	*6769.0*	6577.4	6010.0	5243.9	3433.3	422.8
50°	9783.0	9739.7	9504.8	9269.8	8586.8	*7509.8*	7282.2	6400.4	5659.5	3982.6	545.7
52.5°	10458.8	10451.6	10480.5	10484.1	9967.3	*8756.7*	8416.9	7029.2	6136.5	4524.7	719.2
55°	10444.4	10476.9	10794.9	11160.0	11199.7	*10458.8*	10130.0	8088.1	6758.1	5193.3	961.3
57.5°	10054.1	10028.8	10364.9	10914.2	11300.9	*11380.4*	11326.2	9732.4	7694.2	5999.2	1333.6
58°	*9927.6*	*9905.9*	*10223.9*	*10784.1*	*11228.6*	*11441.8*	*11387.6*	*10104.7*	*7903.8*	*6114.8*	*1434.7*
60°	9468.6	9472.2	9660.2	10169.7	10614.2	*11120.2*	11170.8	11167.2	8948.2	6888.2	1944.3
62.5°	8861.5	8832.6	9006.0	9421.6	9811.9	*10151.7*	10238.4	11239.5	10476.9	7871.2	2916.5
65°	8023.0	7979.7	8164.0	8633.8	9053.0	*9273.5*	9277.1	10270.9	11196.1	8926.5	4304.2
67.5°	6465.4	6429.3	6797.9	7401.4	8048.3	*8337.4*	8467.5	8912.1	10588.9	9642.1	5099.3
70°	3960.9	4036.8	4550.0	5496.9	6602.7	*7134.0*	7329.1	7466.5	9016.9	9533.7	4264.5
72.5°	1828.7	1738.3	2175.6	2837.0	4098.2	*5280.0*	5482.4	6020.9	7148.4	8276.0	3180.3
75°	852.9	820.4	921.6	1239.6	1857.6	*2851.4*	3220.1	4806.6	5482.4	5757.1	2294.9
77.5°	437.3	440.9	524.0	563.8	766.2	*1319.1*	1514.3	3162.2	4018.7	3212.8	1539.6
80°	191.5	198.8	202.4	220.5	310.8	*509.6*	574.6	1467.3	2746.6	1637.1	842.1
82.5°	122.9	126.5	126.5	126.5	148.2	*202.4*	231.3	589.1	1369.7	813.1	260.2
85°	65.1	65.1	72.3	90.3	104.8	*122.9*	130.1	187.9	451.7	242.1	61.4
87.5°	36.1	39.8	43.4	54.2	68.7	*83.1*	90.3	130.1	173.5	166.2	14.5
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-SA4B-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2.5°	94.0	90.3	86.7	83.1	79.5	75.9	75.9	75.9	75.9	75.9	75.9
5°	90.3	86.7	83.1	75.9	68.7	65.1	61.4	57.8	57.8	57.8	57.8
7.5°	90.3	86.7	75.9	68.7	61.4	54.2	47.0	47.0	47.0	47.0	47.0
10°	90.3	83.1	72.3	61.4	50.6	43.4	39.8	36.1	36.1	36.1	36.1
12.5°	90.3	79.5	68.7	54.2	43.4	36.1	32.5	28.9	28.9	28.9	28.9
15°	90.3	79.5	65.1	50.6	39.8	28.9	25.3	21.7	21.7	21.7	21.7
17.5°	86.7	75.9	61.4	43.4	32.5	21.7	18.1	14.5	14.5	18.1	18.1
20°	83.1	72.3	54.2	36.1	25.3	18.1	10.8	10.8	10.8	10.8	10.8
22.5°	83.1	72.3	50.6	32.5	21.7	10.8	7.2	7.2	7.2	7.2	10.8
25°	83.1	68.7	43.4	25.3	14.5	7.2	3.6	3.6	3.6	3.6	3.6
27.5°	83.1	68.7	39.8	21.7	10.8	7.2	3.6	0.0	0.0	0.0	0.0
30°	79.5	65.1	36.1	18.1	7.2	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	79.5	61.4	28.9	14.5	7.2	3.6	0.0	0.0	0.0	0.0	0.0
35°	83.1	57.8	25.3	10.8	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	86.7	54.2	21.7	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	90.3	50.6	21.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	97.6	50.6	18.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	104.8	50.6	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	119.3	54.2	14.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	130.1	57.8	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	144.6	54.2	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	162.6	54.2	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	177.1	50.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*184.3*	*47.0*	*7.2*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	220.5	43.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	343.3	36.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	697.5	32.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1301.0	28.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1456.4	32.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	917.9	25.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	484.3	25.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	242.1	25.3	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	112.0	18.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	47.0	10.8	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.7	10.8	7.2	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.8	10.8	10.8	7.2	7.2	3.6	3.6	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: SP1-2407-184-15

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

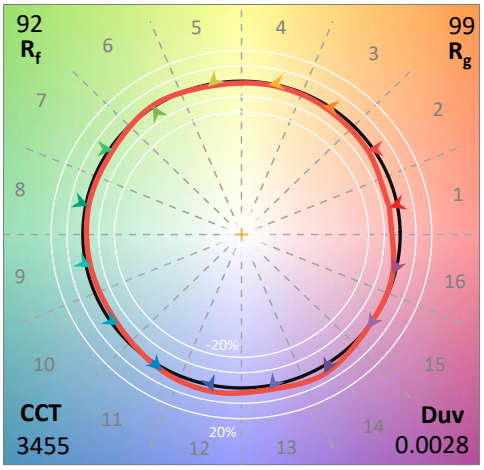
Test Information

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

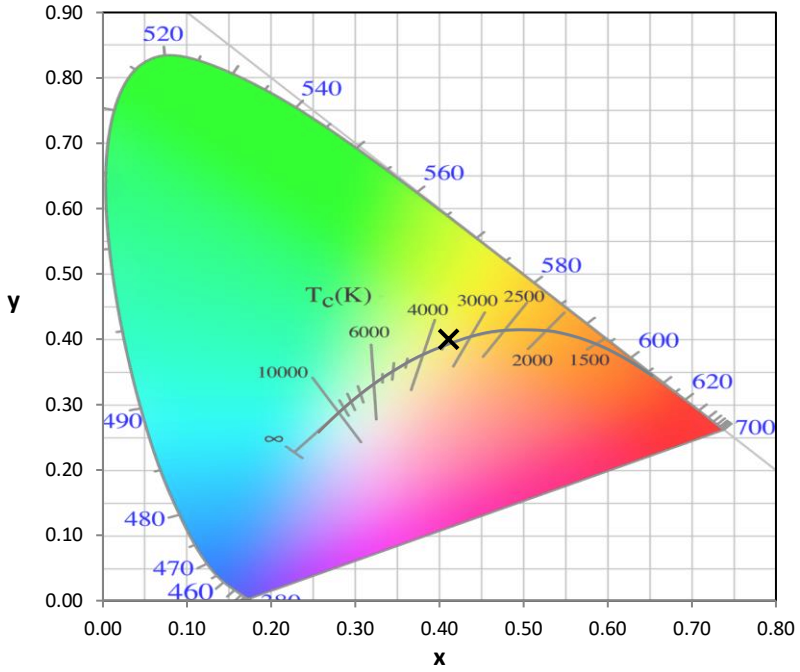
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

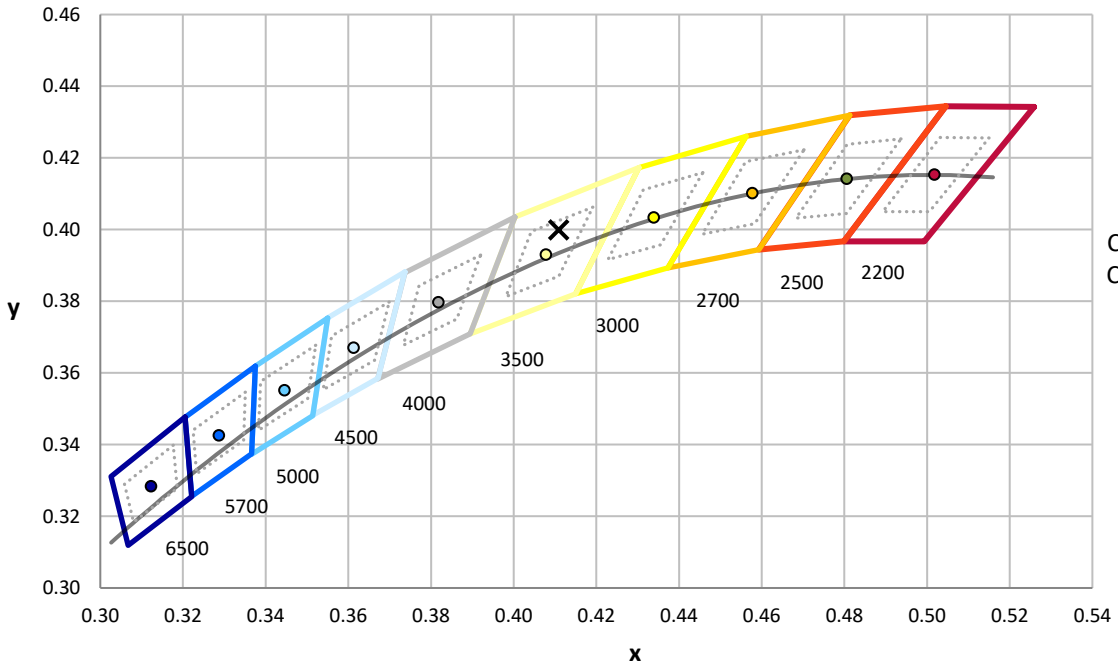
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

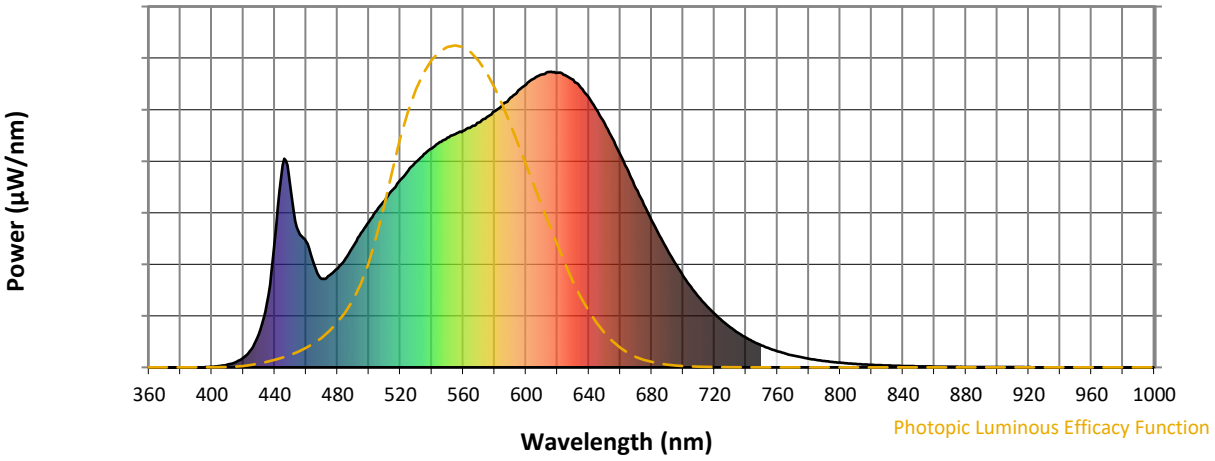


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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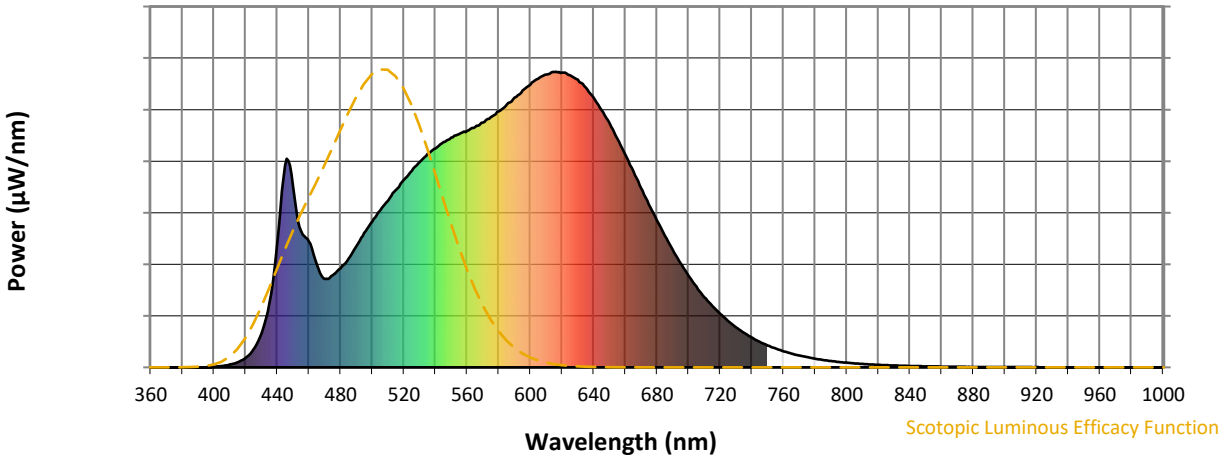
Scotopic Flux vs. Wavelength



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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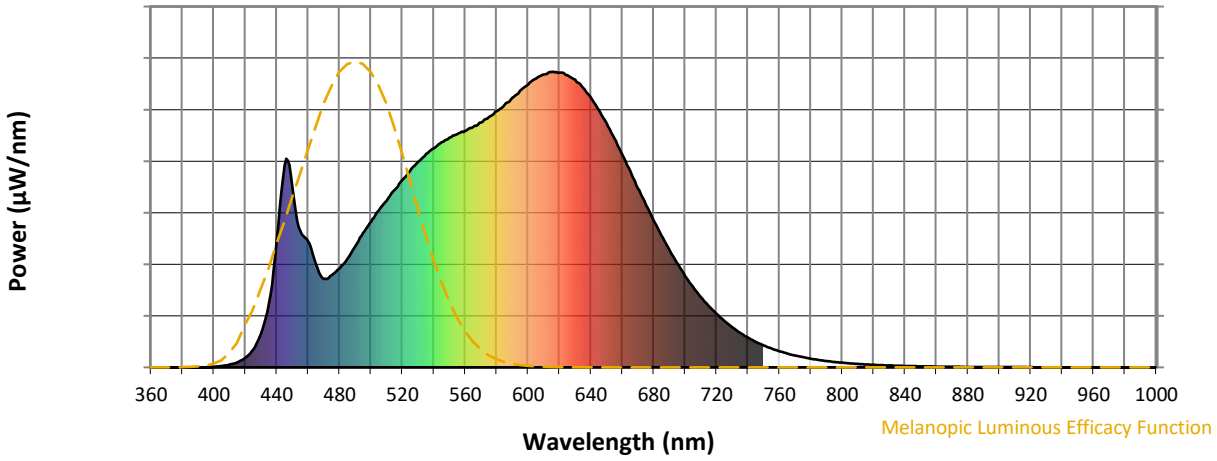
Melanopic Flux vs. Wavelength



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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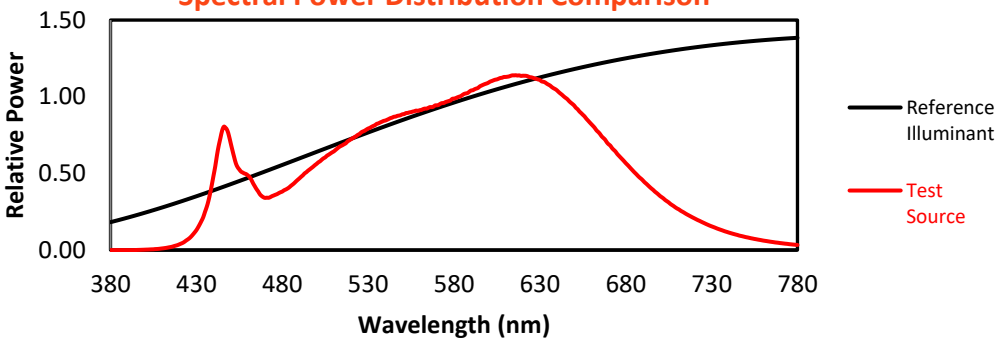
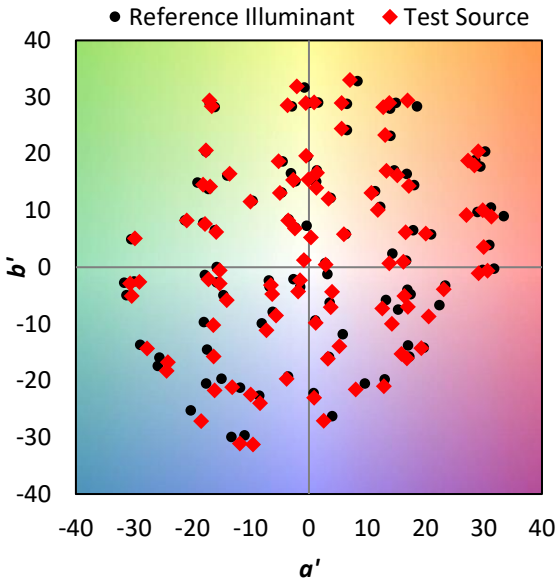
Summary

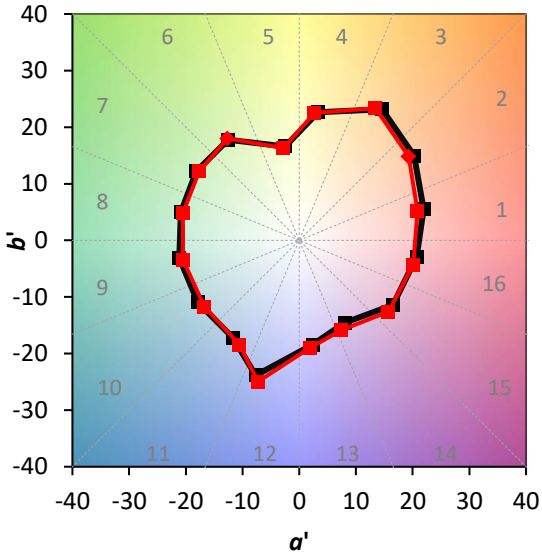
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

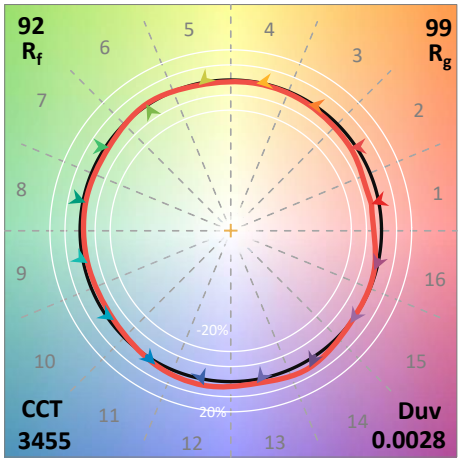
Spectral Power Distribution Comparison

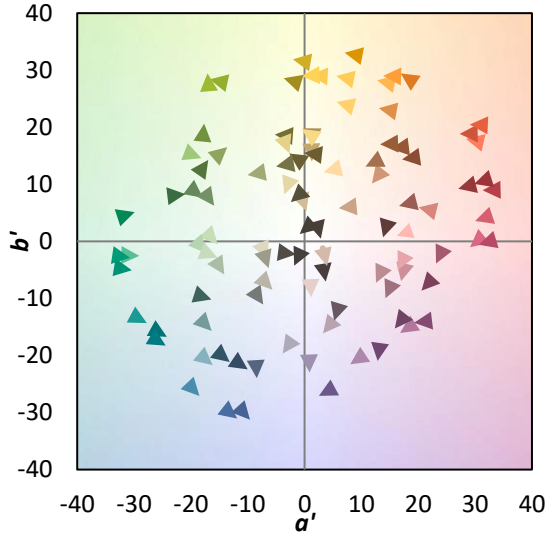


Color Vector Graphics









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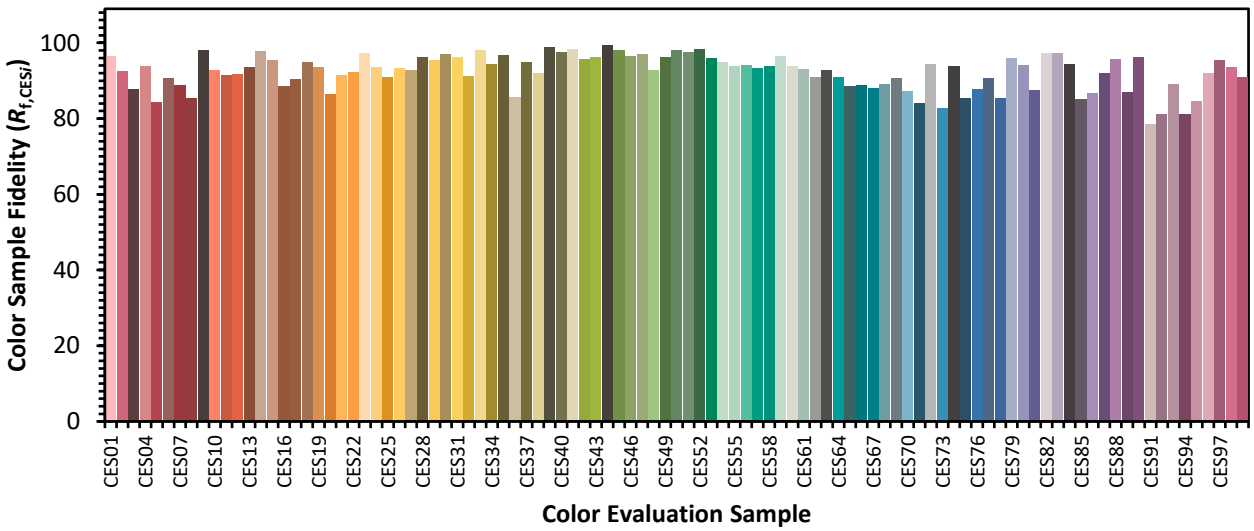
Individual Sample Fidelity Index ($R_{f,i}$)

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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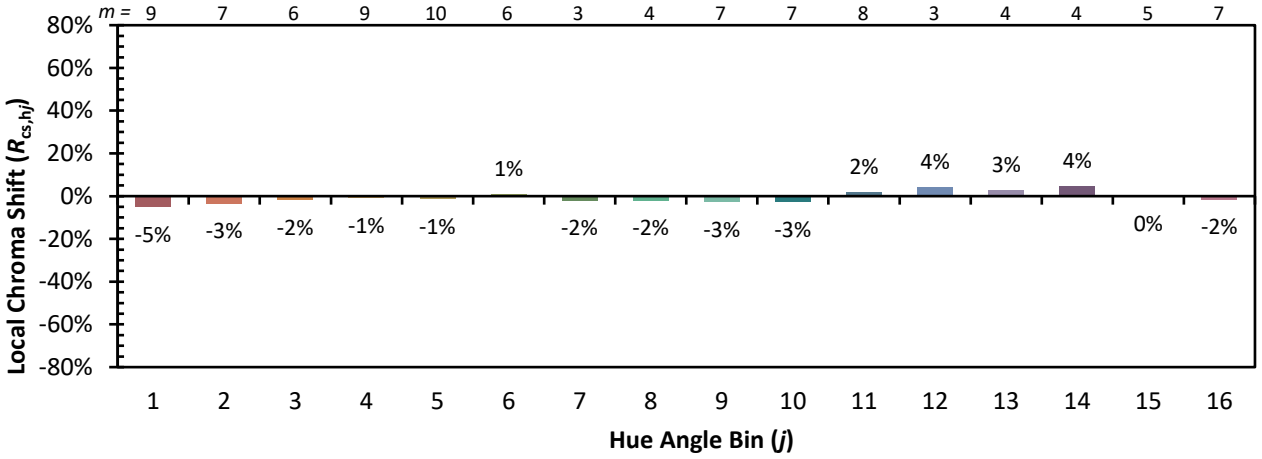
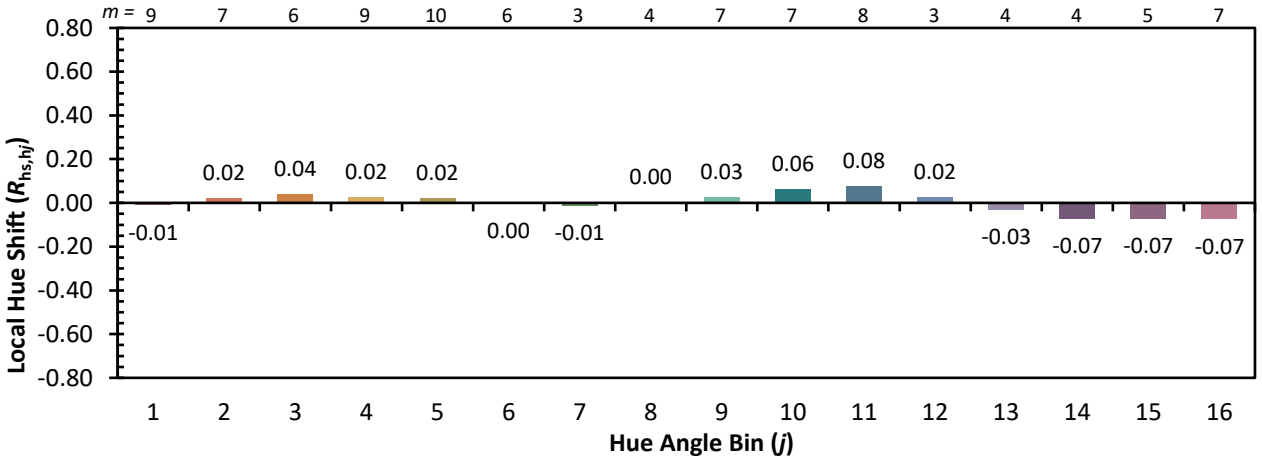
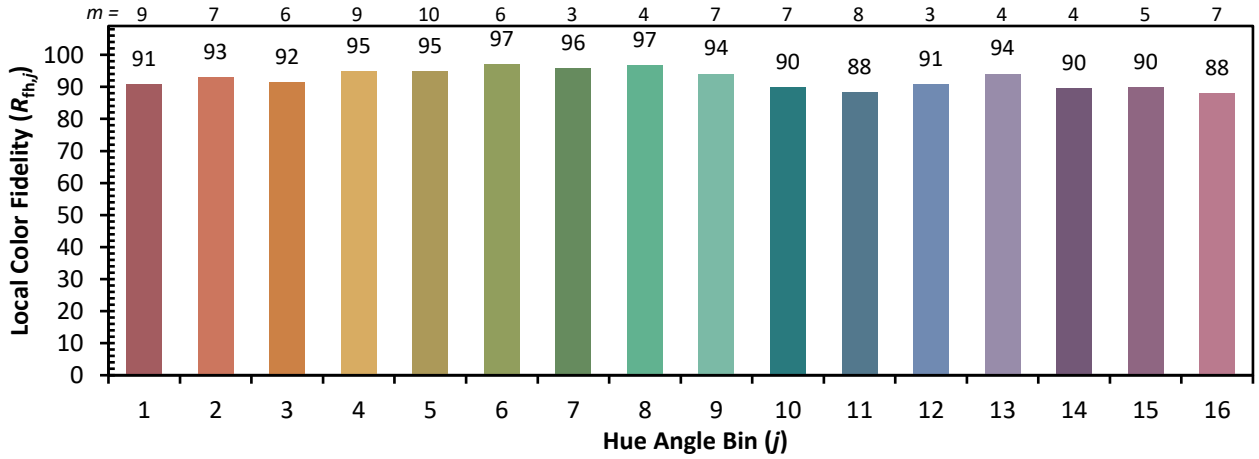
Color Rendition by Hue-Angle Bin







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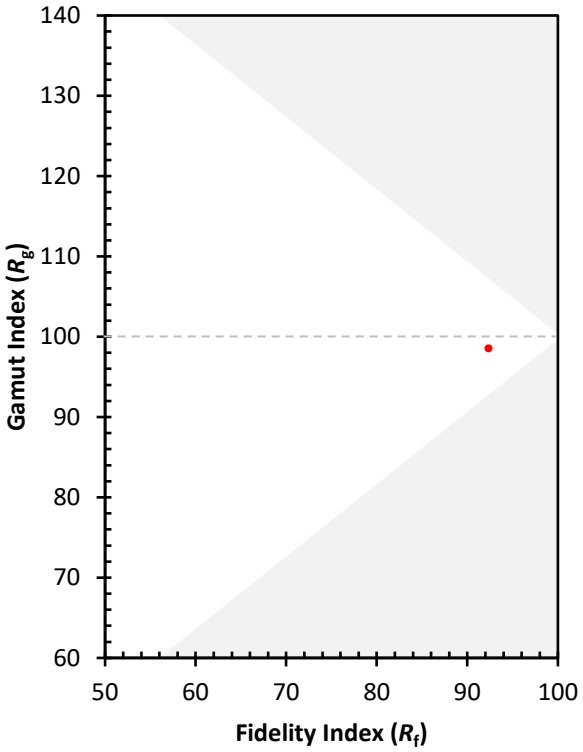
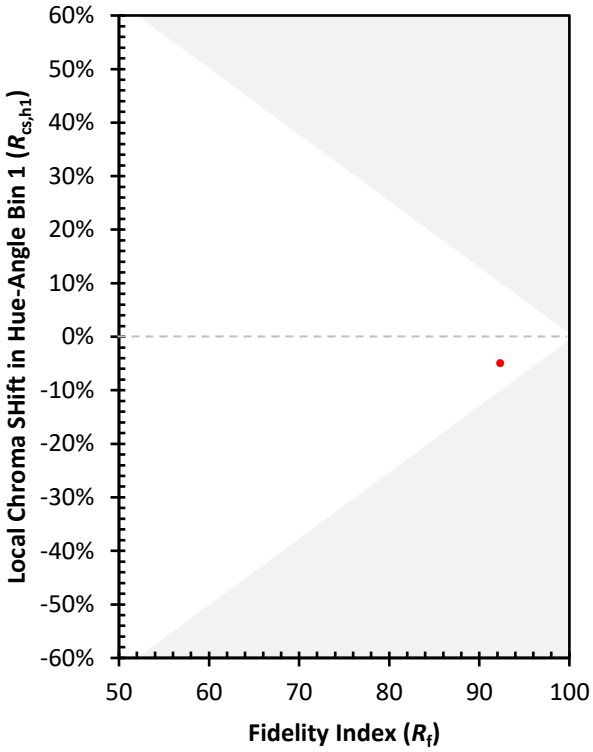
Measure Comparisons





(END OF REPORT)