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: P1047551

Luminaire Tested: **GALN-SA9C-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:	P1047551
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9C-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	37816.3 lumens
Efficiency:	N/A
Efficacy:	90.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	417.1
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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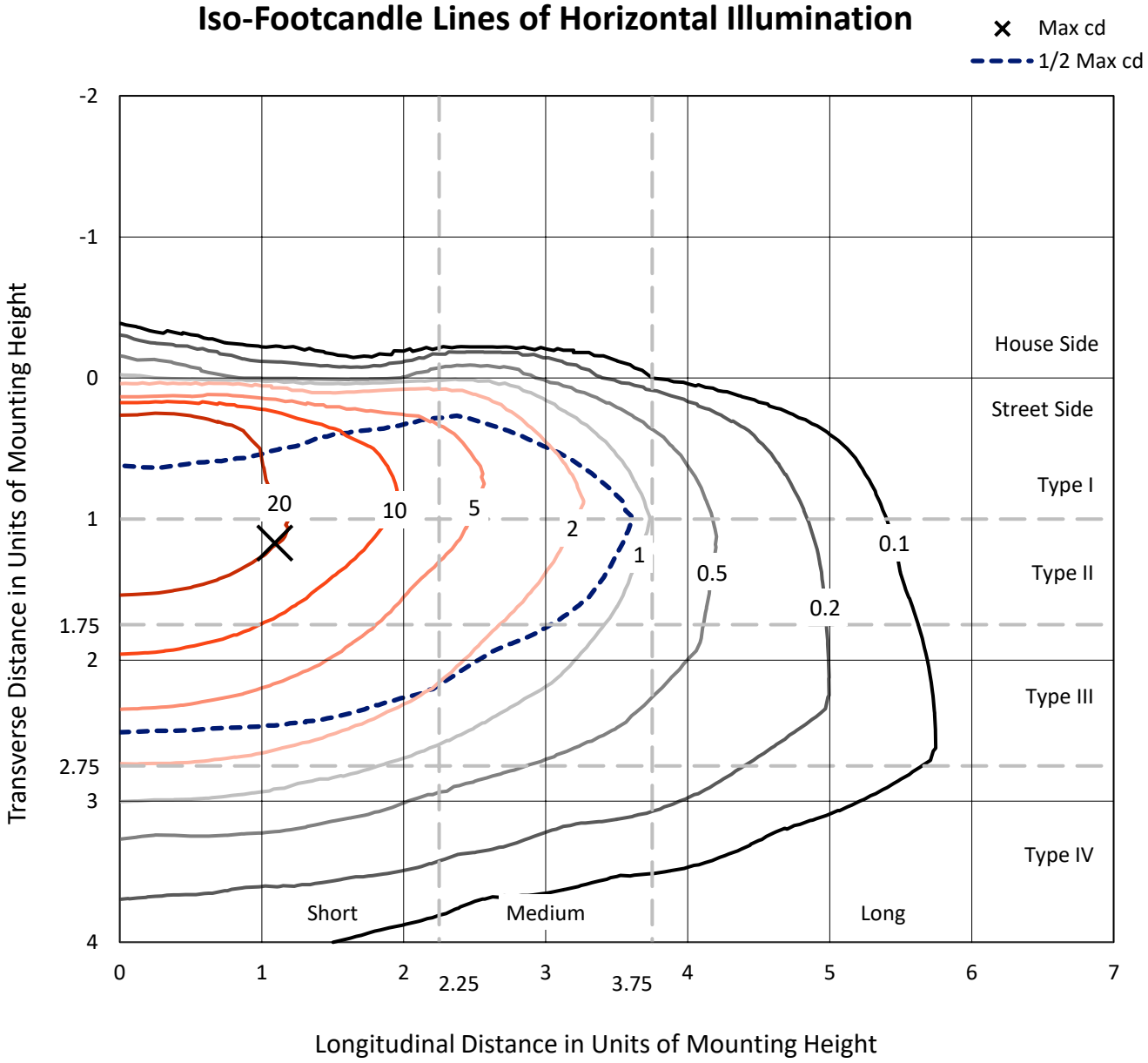
REPORT NUMBER: P1047551
CATALOG NUMBER: GALN-SA9C-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 42.4 fc
Type III - Short - N/A

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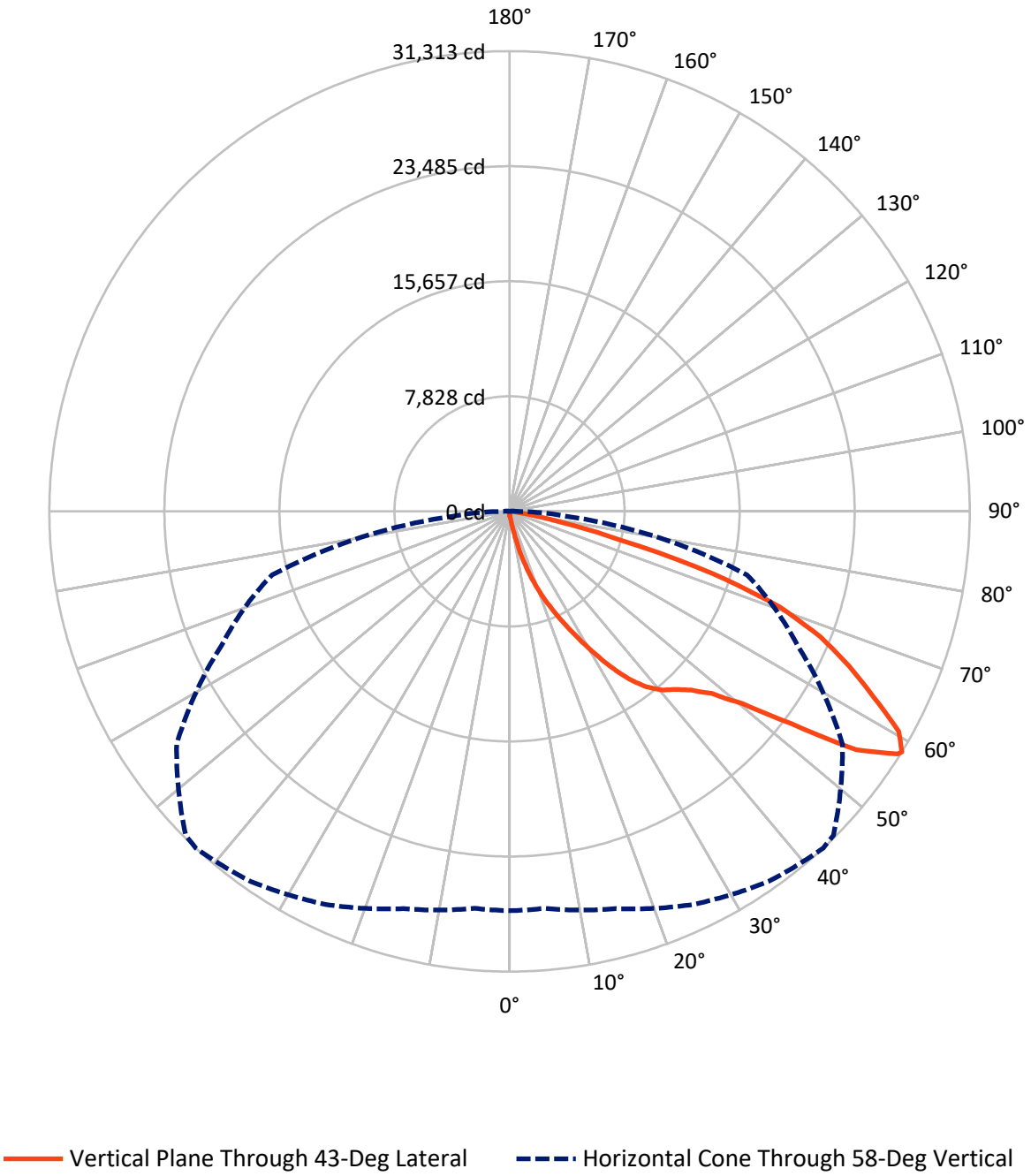
Luminous Intensity Polar Plot



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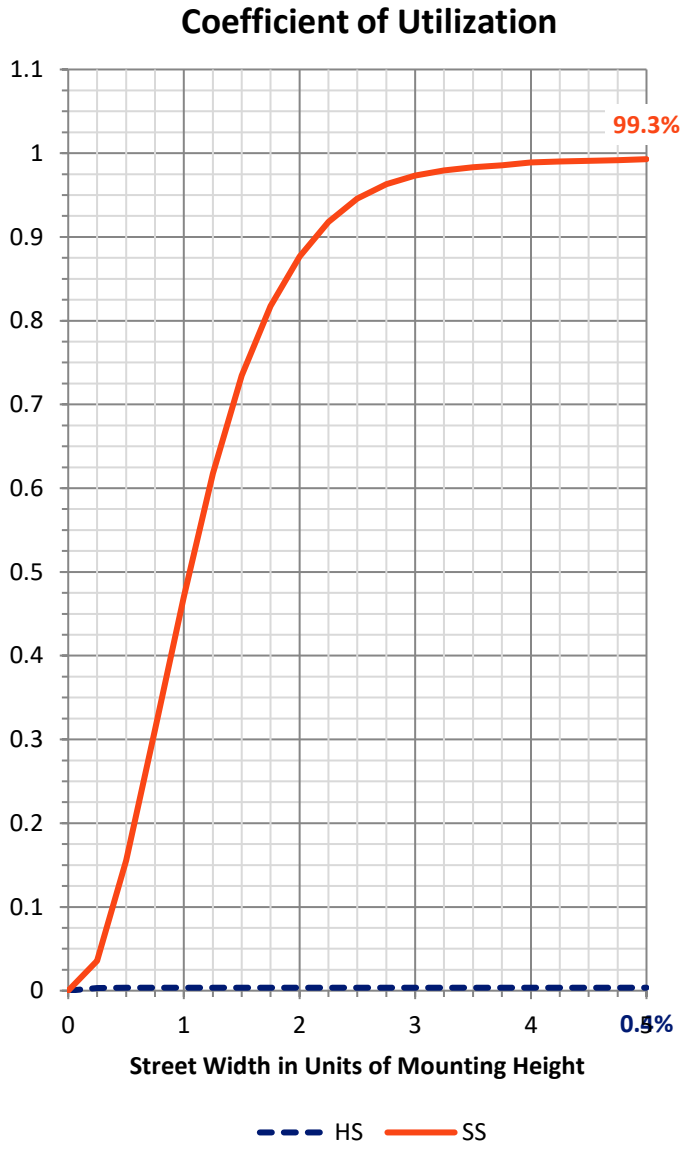
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.1	0.0	138.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	37678.2	0.0	37678.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	37816.3	0.0	37816.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.2	0.1
10°-20°	434.7	1.1
20°-30°	1566.8	4.1
30°-40°	3584.7	9.5
40°-50°	6046.1	16.0
50°-60°	9977.4	26.4
60°-70°	11151.1	29.5
70°-80°	4604.1	12.2
80°-90°	415.1	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°	37816.3	100.0
0°-180°	37816.3	100.0



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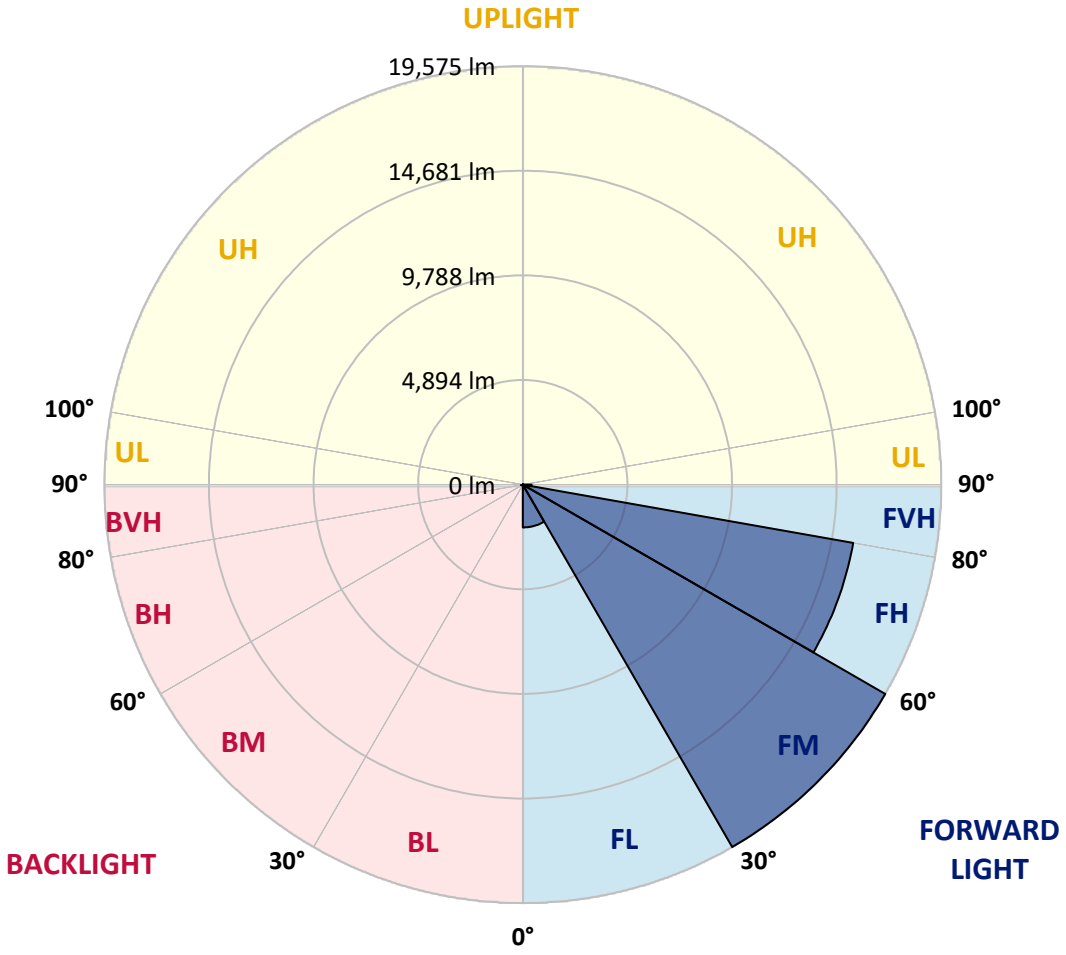
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2001.7	5.3			
FM	(30°-60°)	19575.1	51.8			
FH	(60°-80°)	15692.0	41.5			G5
FVH	(80°-90°)	409.4	1.1			G3/500
BL	(0°-30°)	36.0	0.1	B0/110		
BM	(30°-60°)	33.1	0.1	B0/220		
BH	(60°-80°)	63.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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-G5
Type III Short



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REPORT NUMBER: P1047551
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	247.3	247.3	247.3	247.3	247.3	*247.3*	247.3	247.3	247.3	247.3	247.3
2.5°	296.7	306.6	296.7	296.7	296.7	*286.8*	286.8	276.9	276.9	267.0	257.2
5°	435.2	435.2	405.5	385.7	365.9	*356.1*	346.2	326.4	306.6	286.8	267.0
7.5°	969.3	969.3	880.3	761.6	603.3	*514.3*	494.5	405.5	346.2	306.6	267.0
10°	2314.4	2314.4	2116.6	1790.2	1384.7	*1028.6*	919.8	583.5	415.4	326.4	276.9
12.5°	3847.4	3896.9	3649.6	3234.2	2630.9	*2007.8*	1790.2	1068.2	553.9	356.1	276.9
15°	5222.2	5103.5	5034.3	4638.6	4065.0	*3323.2*	3046.3	1800.1	801.1	405.5	276.9
17.5°	6151.9	6151.9	6053.0	5785.9	5261.8	*4609.0*	4381.5	2907.8	1295.7	464.9	286.8
20°	7239.9	7239.9	7061.8	6873.9	6409.0	*5855.2*	5637.6	4134.2	2007.8	593.4	286.8
22.5°	8555.3	8575.1	8377.3	8041.0	7595.9	*6982.7*	6794.8	5271.6	2907.8	791.2	296.7
25°	10157.6	10177.3	9890.5	9574.0	8891.6	*8228.9*	7942.1	6577.2	4005.7	1107.7	296.7
27.5°	11928.0	12066.4	11641.1	11097.1	10375.1	*9544.3*	9326.7	7754.2	5093.6	1562.7	316.5
30°	14133.5	14133.5	13569.8	12808.2	12026.9	*10998.2*	10721.3	8990.5	6250.8	2166.0	336.3
32.5°	16032.5	15884.2	15162.1	14361.0	13530.2	*12570.8*	12274.1	10286.1	7437.7	2917.7	375.8
35°	17486.4	17357.8	16467.7	15607.2	14885.2	*14005.0*	13648.9	11690.6	8693.8	3768.3	435.2
37.5°	18732.6	18683.2	17476.5	16398.5	15923.7	*15152.3*	14835.8	13015.9	9930.1	4688.1	504.4
40°	20097.5	19939.3	18653.5	17318.3	16606.2	*15983.1*	15696.2	14084.1	11116.9	5766.2	603.3
42.5°	21264.6	21076.7	19919.5	18613.9	17397.4	*16556.7*	16279.8	14984.1	12274.1	6844.2	731.9
45°	22560.2	22461.3	21294.3	20305.2	18683.2	*17338.1*	16972.1	15706.1	13332.4	8130.0	900.0
47.5°	24508.7	24330.6	23242.7	22431.7	20552.5	*18524.9*	18000.7	16447.9	14351.1	9396.0	1157.2
50°	26773.6	26654.9	26012.0	25369.2	23499.8	*20552.5*	19929.4	17516.1	15488.5	10899.3	1493.5
52.5°	28623.1	28603.3	28682.5	28692.4	27278.0	*23964.7*	23035.0	19237.0	16794.1	12382.9	1968.2
55°	28583.6	28672.6	29542.9	30541.9	30650.7	*28623.1*	27723.1	22135.0	18495.2	14212.7	2630.9
57.5°	27515.4	27446.2	28366.0	29869.3	30927.6	*31145.2*	30996.9	26635.1	21056.9	16418.2	3649.6
58°	*27169.2*	*27109.9*	*27980.2*	*29513.3*	*30729.8*	*31313.3*	*31165.0*	*27653.9*	*21630.5*	*16734.7*	*3926.5*
60°	25913.1	25923.0	26437.3	27831.9	29048.4	*30433.1*	30571.6	30561.7	24488.9	18851.3	5321.1
62.5°	24251.5	24172.4	24647.1	25784.6	26852.7	*27782.4*	28019.8	30759.5	28672.6	21541.5	7981.6
65°	21956.9	21838.2	22342.7	23628.4	24775.7	*25379.0*	25388.9	28108.8	30640.8	24429.6	11779.6
67.5°	17694.1	17595.2	18604.0	20255.8	22026.2	*22817.4*	23173.5	24390.0	28979.2	26387.9	13955.5
70°	10840.0	11047.7	12452.1	15043.5	18070.0	*19523.9*	20057.9	20433.8	24676.8	26091.2	11670.8
72.5°	5004.6	4757.3	5954.1	7764.0	11215.8	*14450.0*	15003.9	16477.6	19563.4	22649.3	8703.6
75°	2334.2	2245.1	2522.1	3392.4	5083.7	*7803.6*	8812.4	13154.4	15003.9	15755.6	6280.5
77.5°	1196.8	1206.6	1434.1	1542.9	2096.8	*3610.0*	4144.1	8654.2	10998.2	8792.7	4213.4
80°	524.2	544.0	553.9	603.3	850.6	*1394.6*	1572.6	4015.5	7516.8	4480.4	2304.5
82.5°	336.3	346.2	346.2	346.2	405.5	*553.9*	633.0	1612.2	3748.5	2225.4	712.1
85°	178.0	178.0	197.8	247.3	286.8	*336.3*	356.1	514.3	1236.3	662.7	168.1
87.5°	98.9	108.8	118.7	148.4	187.9	*227.5*	247.3	356.1	474.7	455.0	39.6
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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CATALOG NUMBER: GALN-SA9C-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	247.3	247.3	247.3	247.3	247.3	247.3	247.3	247.3	247.3	247.3	247.3
2.5°	257.2	247.3	237.4	227.5	217.6	207.7	207.7	207.7	207.7	207.7	207.7
5°	247.3	237.4	227.5	207.7	187.9	178.0	168.1	158.2	158.2	158.2	158.2
7.5°	247.3	237.4	207.7	187.9	168.1	148.4	128.6	128.6	128.6	128.6	128.6
10°	247.3	227.5	197.8	168.1	138.5	118.7	108.8	98.9	98.9	98.9	98.9
12.5°	247.3	217.6	187.9	148.4	118.7	98.9	89.0	79.1	79.1	79.1	79.1
15°	247.3	217.6	178.0	138.5	108.8	79.1	69.2	59.3	59.3	59.3	59.3
17.5°	237.4	207.7	168.1	118.7	89.0	59.3	49.5	39.6	39.6	49.5	49.5
20°	227.5	197.8	148.4	98.9	69.2	49.5	29.7	29.7	29.7	29.7	29.7
22.5°	227.5	197.8	138.5	89.0	59.3	29.7	19.8	19.8	19.8	19.8	29.7
25°	227.5	187.9	118.7	69.2	39.6	19.8	9.9	9.9	9.9	9.9	9.9
27.5°	227.5	187.9	108.8	59.3	29.7	19.8	9.9	0.0	0.0	0.0	0.0
30°	217.6	178.0	98.9	49.5	19.8	9.9	0.0	0.0	0.0	0.0	0.0
32.5°	217.6	168.1	79.1	39.6	19.8	9.9	0.0	0.0	0.0	0.0	0.0
35°	227.5	158.2	69.2	29.7	9.9	0.0	0.0	0.0	0.0	0.0	9.9
37.5°	237.4	148.4	59.3	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	247.3	138.5	59.3	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	267.0	138.5	49.5	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	286.8	138.5	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	326.4	148.4	39.6	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	356.1	158.2	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	395.6	148.4	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	445.1	148.4	29.7	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	484.6	138.5	29.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*504.4*	*128.6*	*19.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	603.3	118.7	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	939.6	98.9	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1908.9	89.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3560.6	79.1	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3985.9	89.0	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2512.2	69.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1325.3	69.2	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	662.7	69.2	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	306.6	49.5	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	128.6	29.7	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	59.3	29.7	19.8	19.8	9.9	9.9	0.0	0.0	0.0	0.0	0.0
87.5°	29.7	29.7	29.7	19.8	19.8	9.9	9.9	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

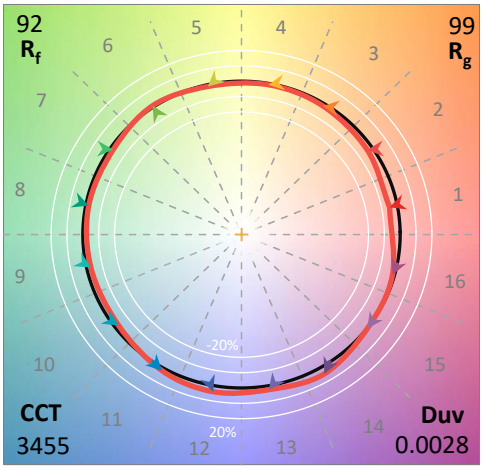
Test Information

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

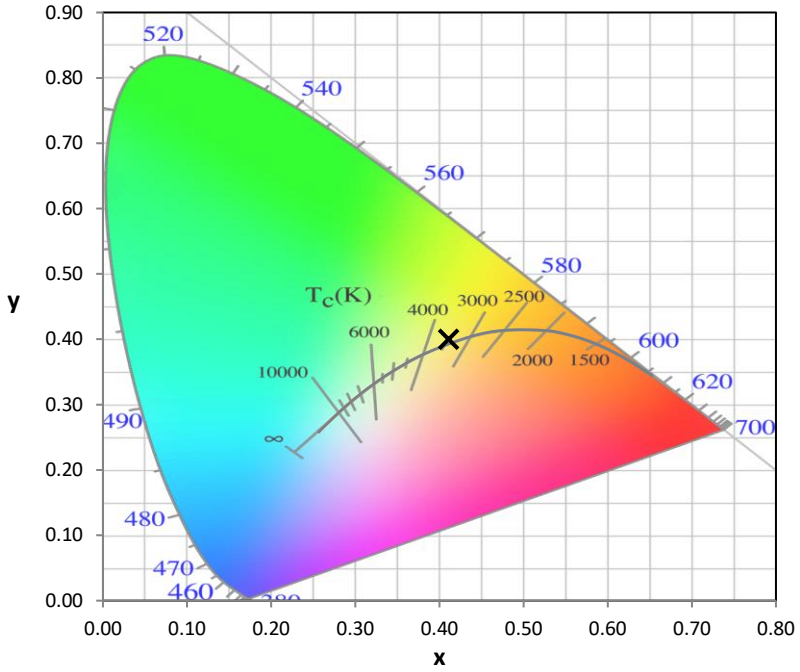
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

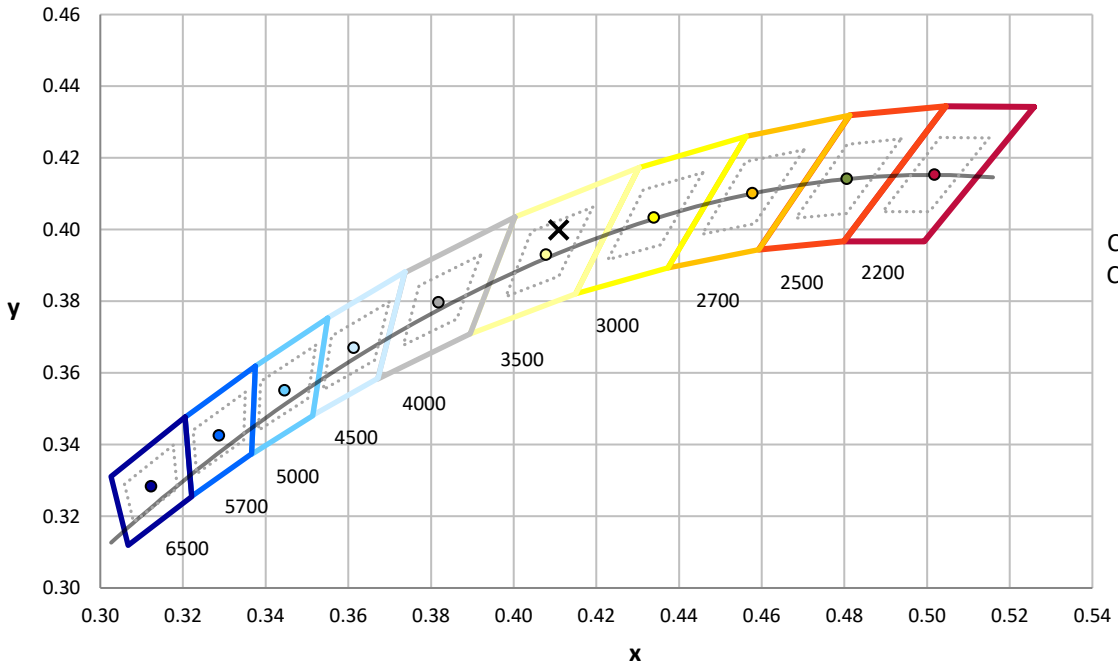
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

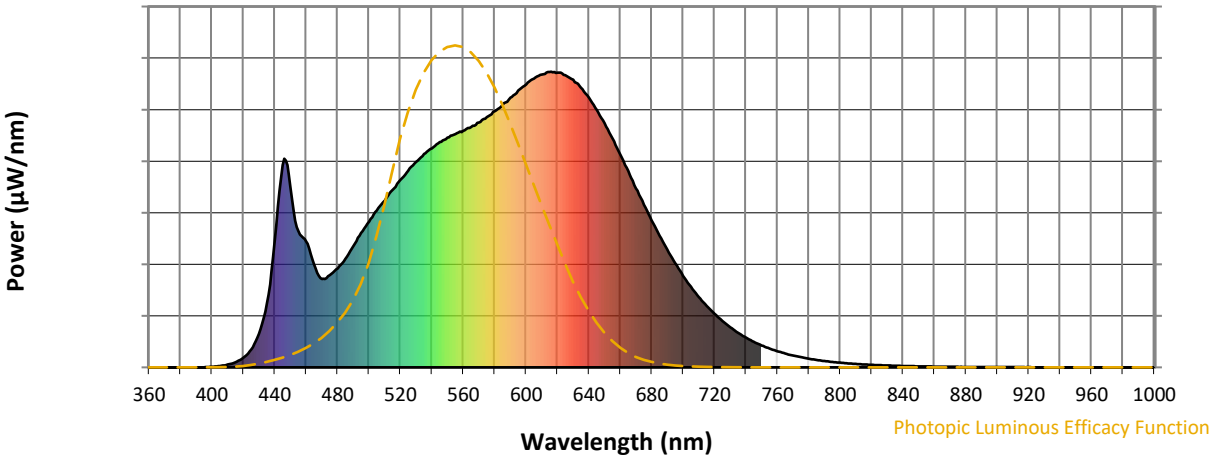


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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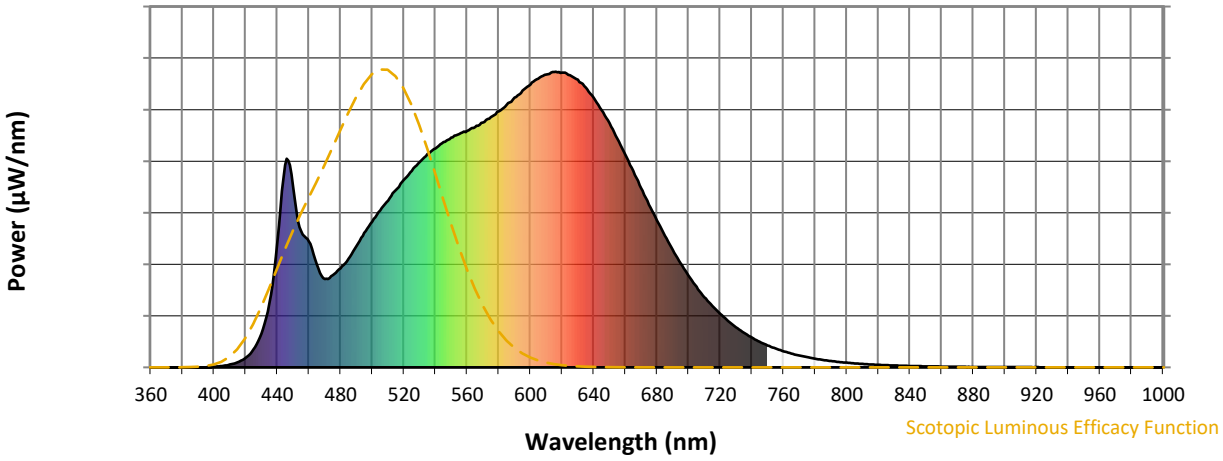
Scotopic Flux vs. Wavelength



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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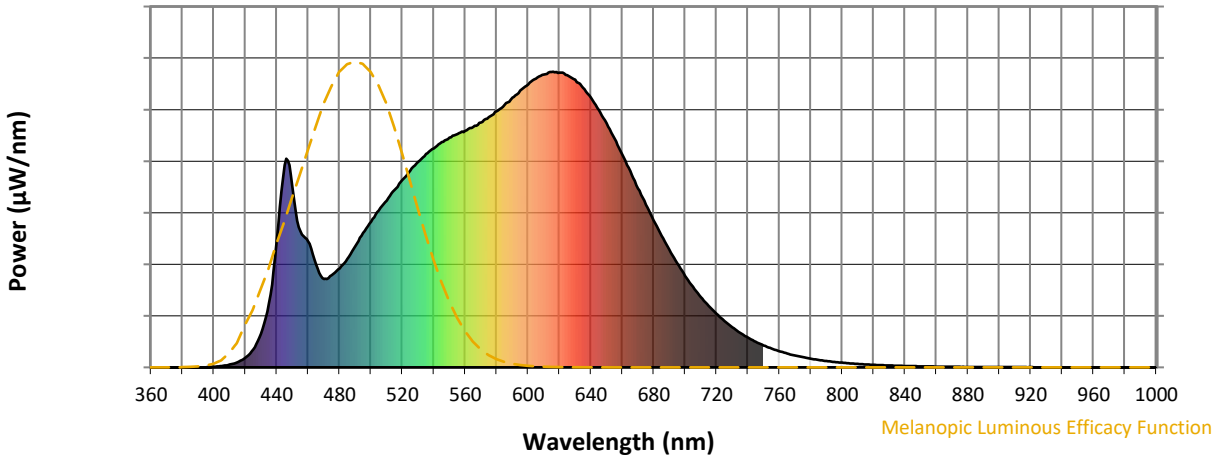
Melanopic Flux vs. Wavelength



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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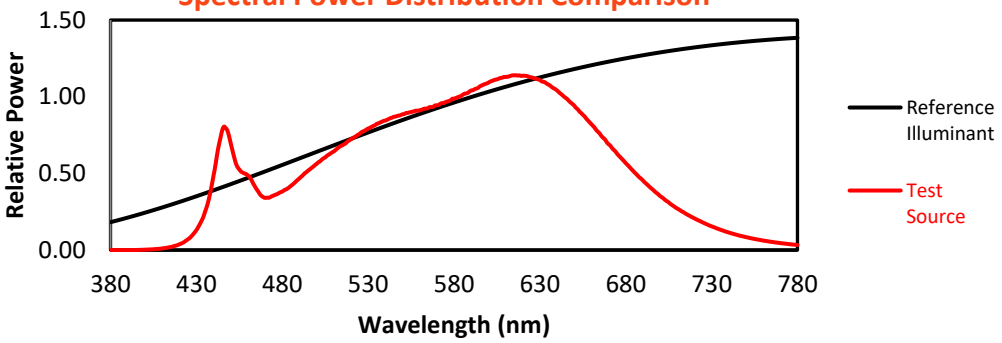
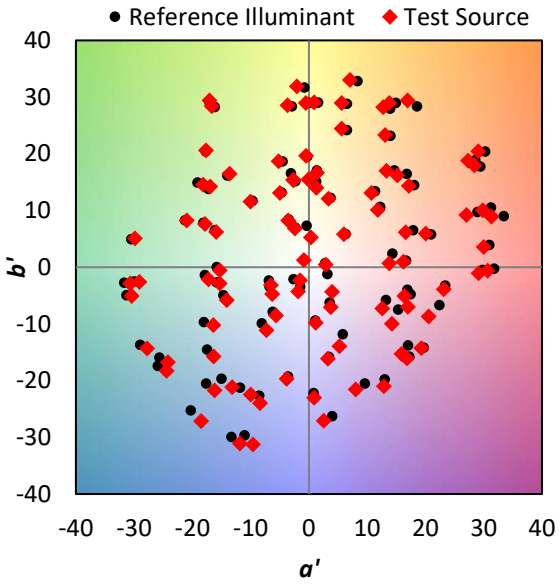
Summary

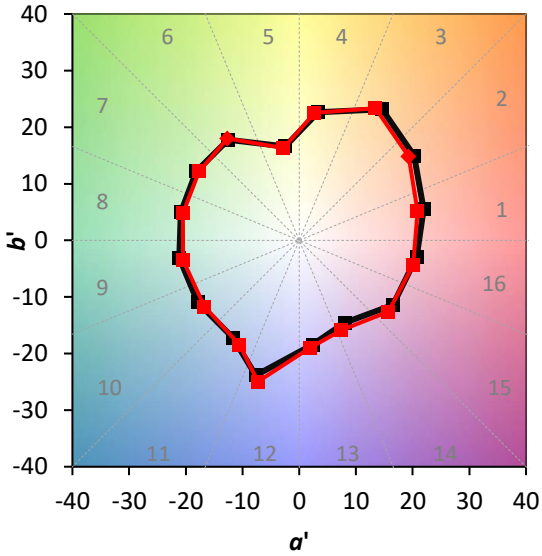
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

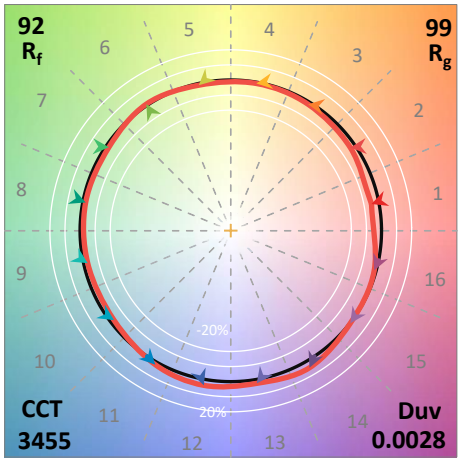
Spectral Power Distribution Comparison

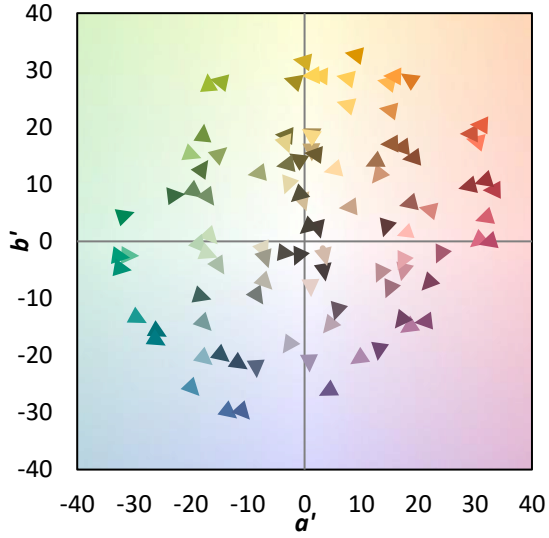


Color Vector Graphics









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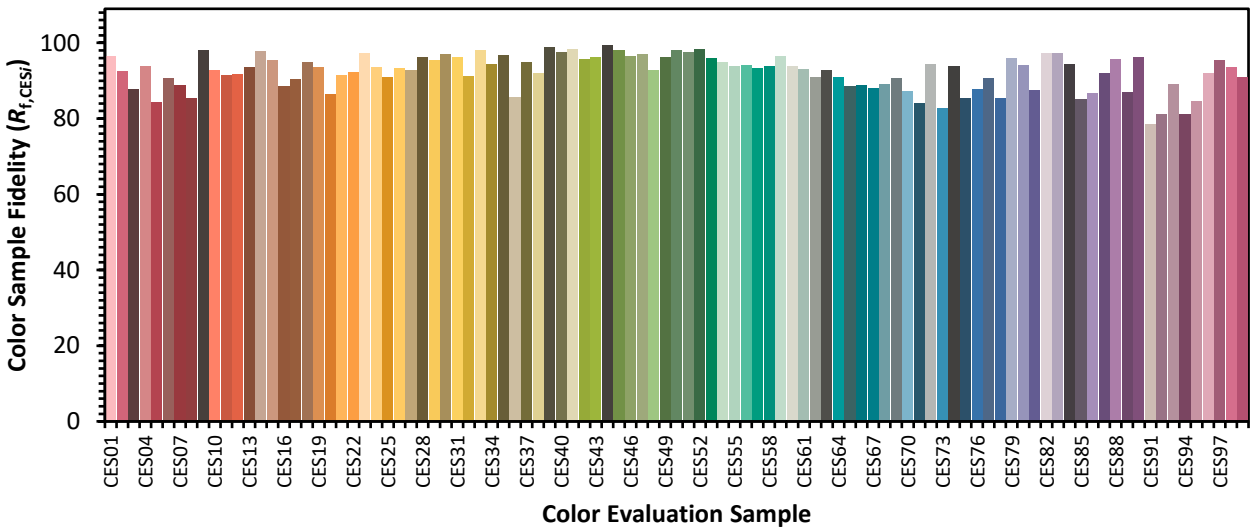
Individual Sample Fidelity Index ($R_{f,i}$)

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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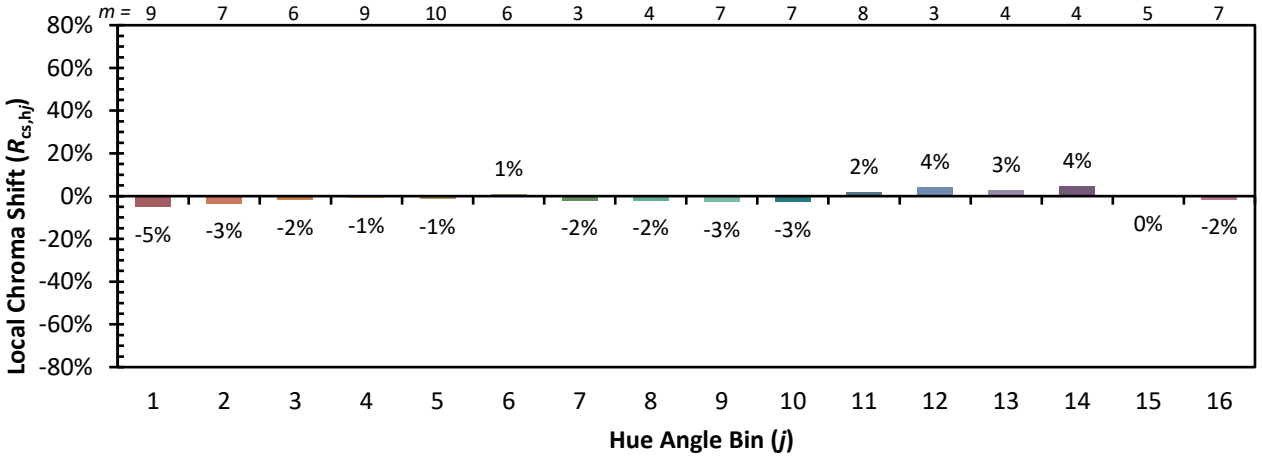
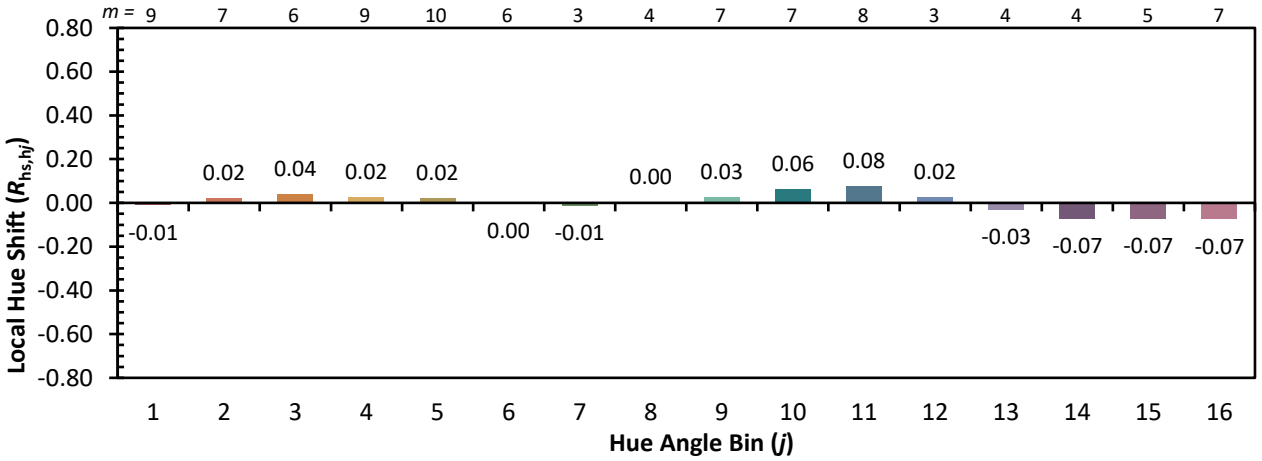
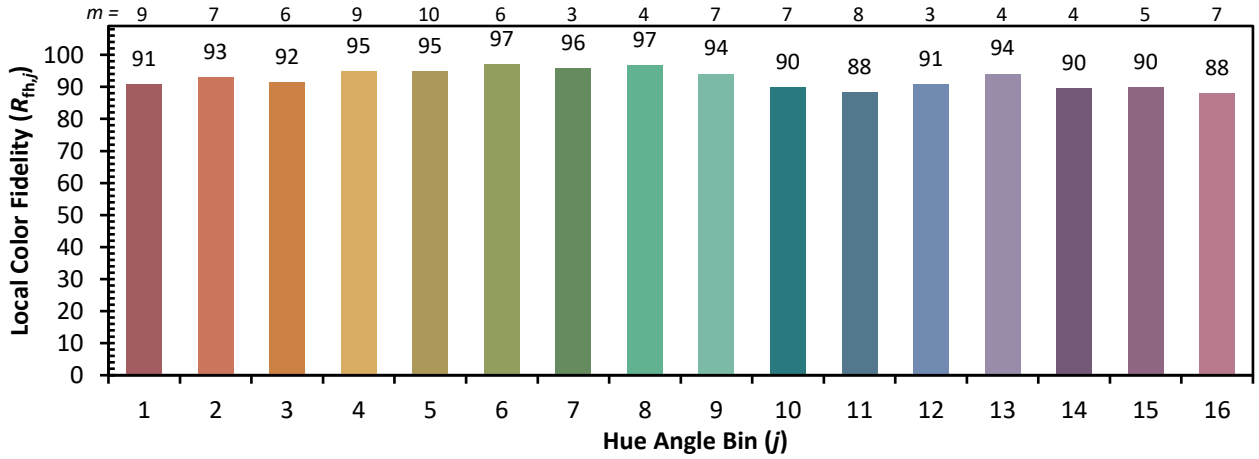
Color Rendition by Hue-Angle Bin







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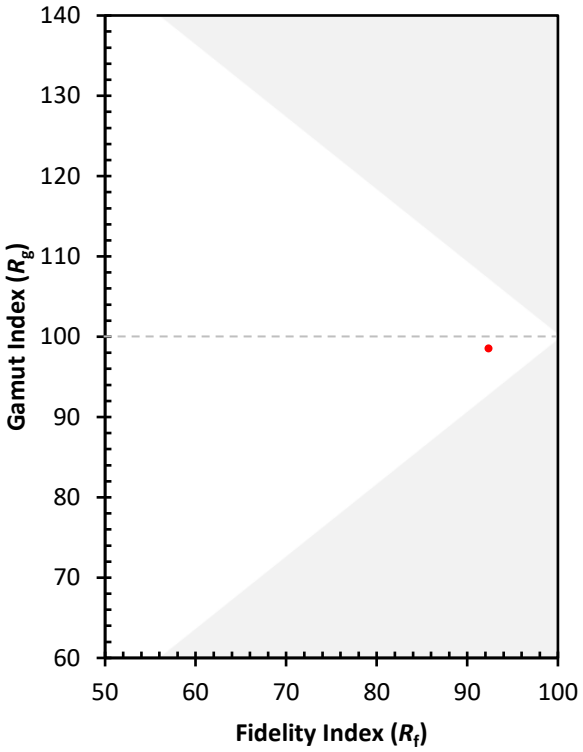
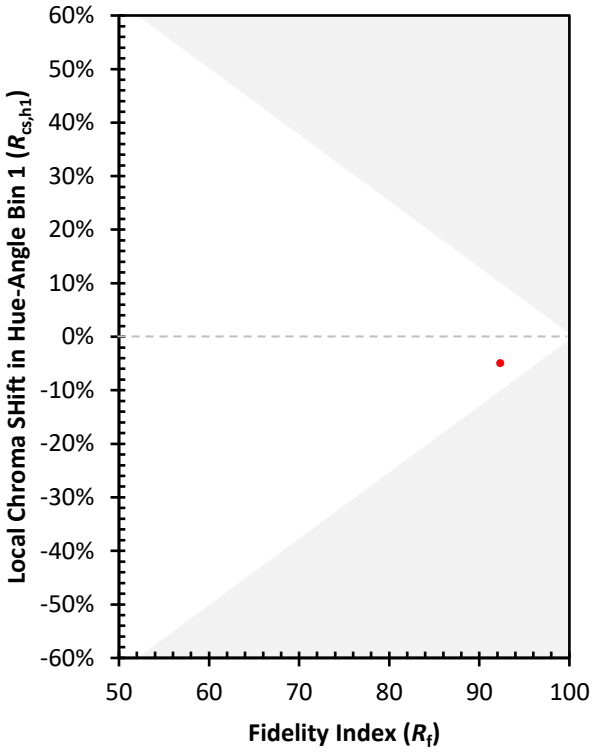
Measure Comparisons





(END OF REPORT)