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: P1047546

Luminaire Tested: **GALN-SA8B-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:	P1047546
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8B-935-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE 90CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3500K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27401.9 lumens
Efficiency:	N/A
Efficacy:	96.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	282.8
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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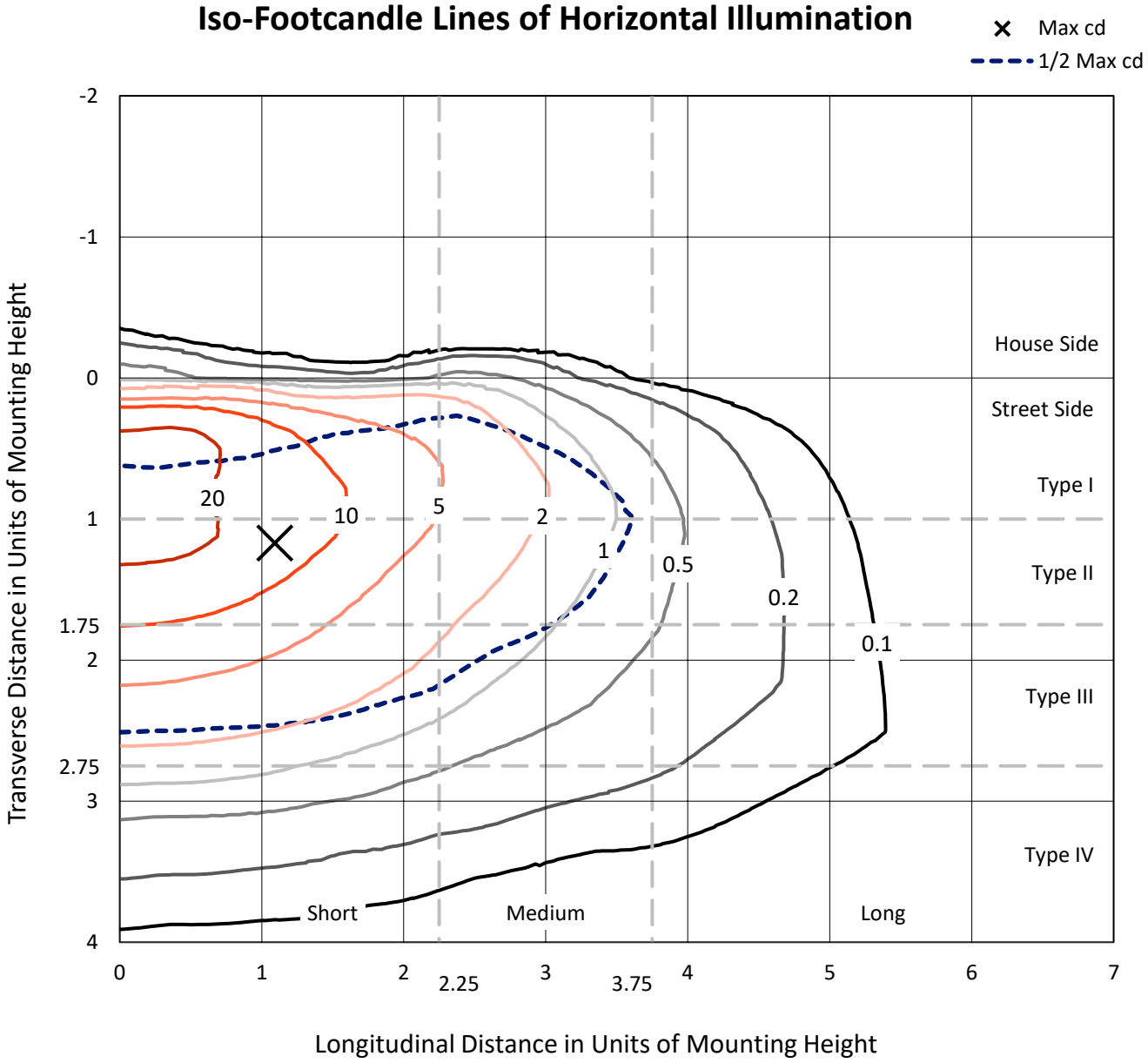
REPORT NUMBER: P1047546
CATALOG NUMBER: GALN-SA8B-935-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 30.7 fc
Type III - Short - N/A

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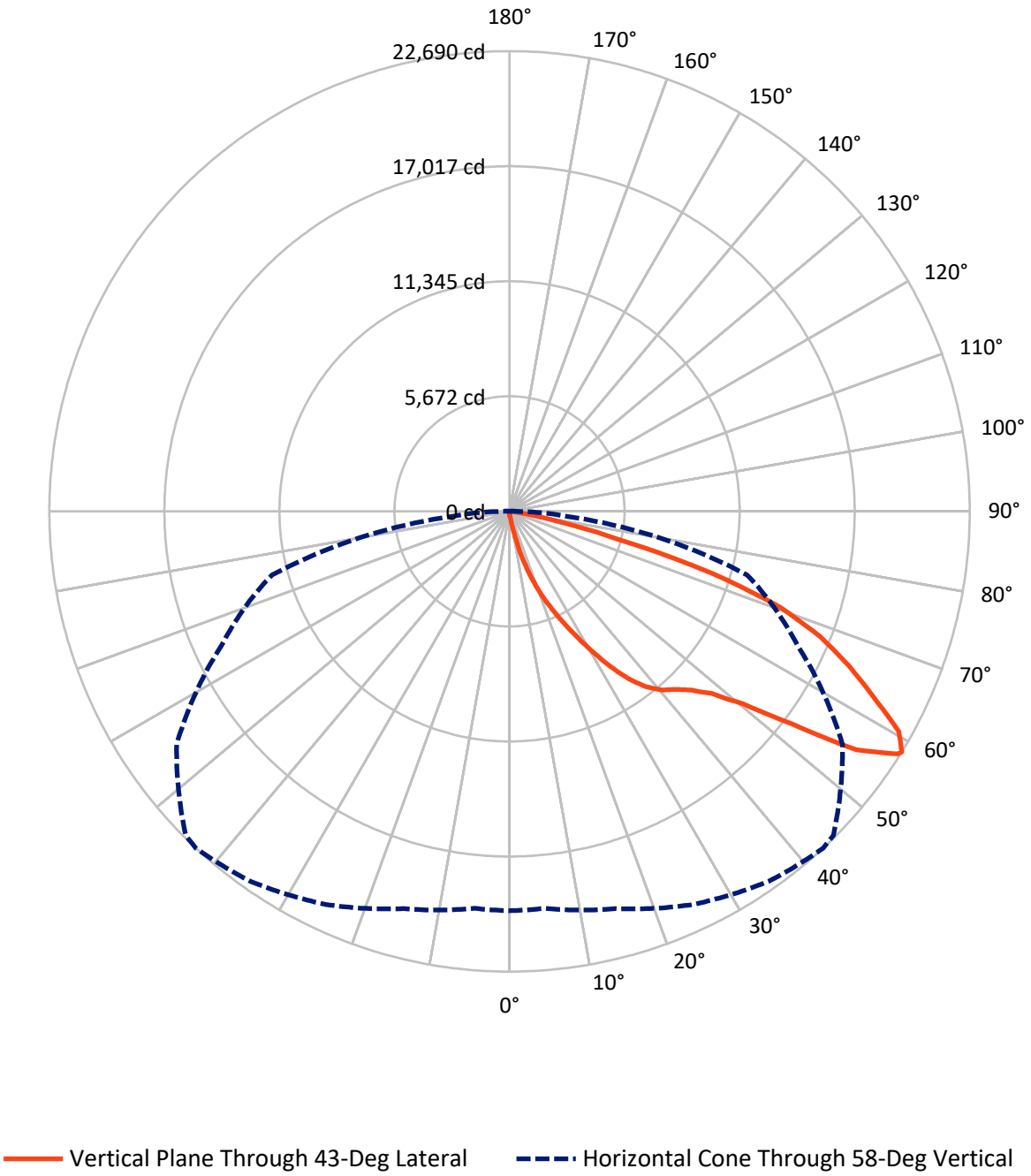
Luminous Intensity Polar Plot



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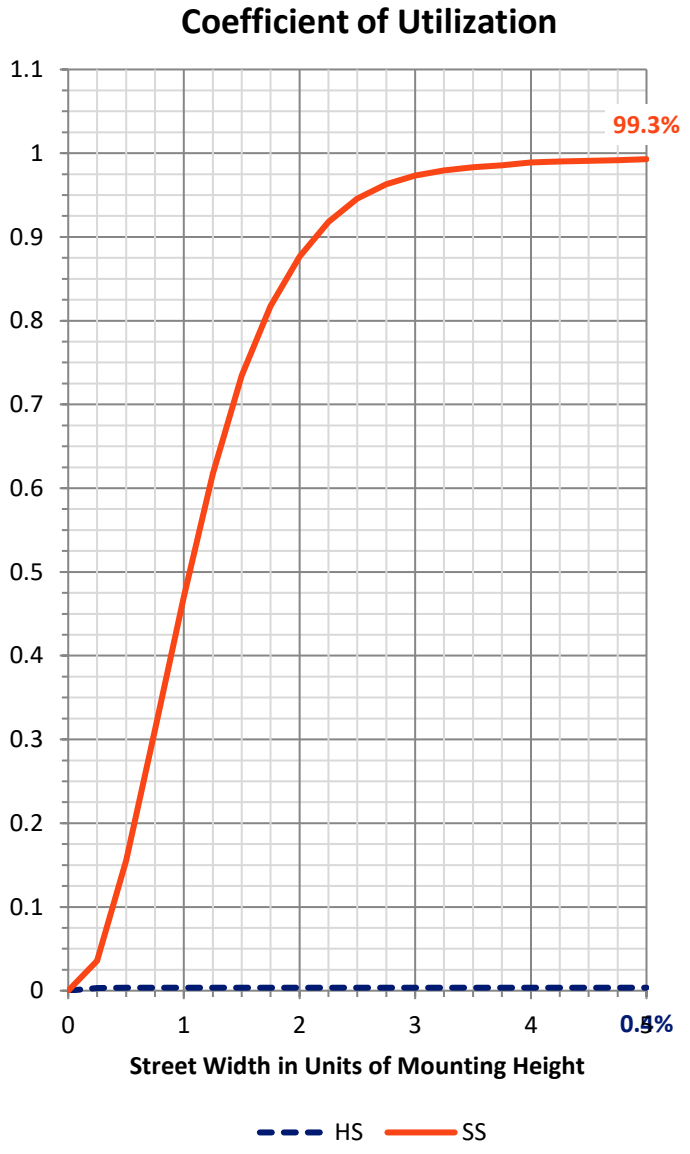
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	100.0	0.0	100.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27301.9	0.0	27301.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	27401.9	0.0	27401.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.3	0.1
10°-20°	315.0	1.1
20°-30°	1135.3	4.1
30°-40°	2597.5	9.5
40°-50°	4381.0	16.0
50°-60°	7229.7	26.4
60°-70°	8080.2	29.5
70°-80°	3336.2	12.2
80°-90°	300.8	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°	27401.9	100.0
0°-180°	27401.9	100.0



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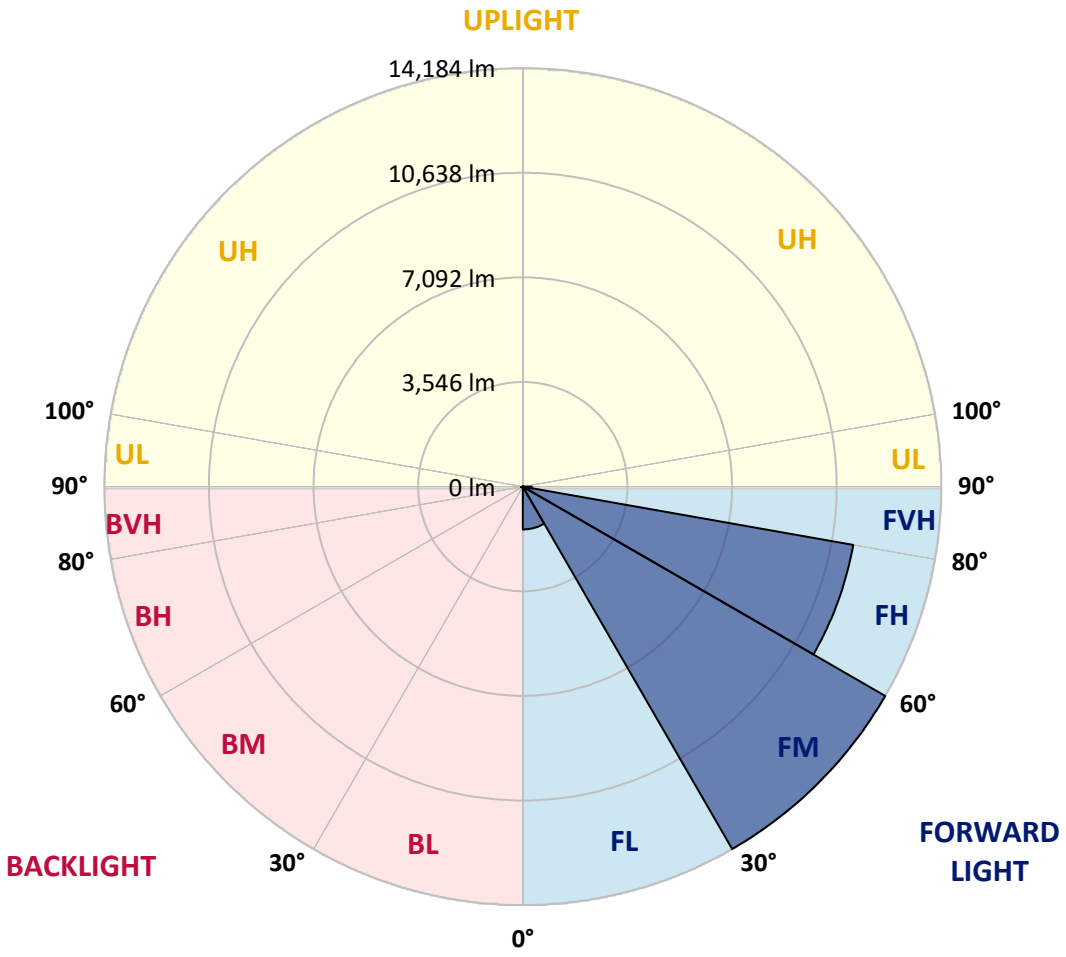
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1450.4	5.3			
FM	(30°-60°)	14184.3	51.8			
FH	(60°-80°)	11370.5	41.5			G4/12000
FVH	(80°-90°)	296.6	1.1			G3/500
BL	(0°-30°)	26.1	0.1	B0/110		
BM	(30°-60°)	24.0	0.1	B0/220		
BH	(60°-80°)	45.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	179.2	179.2	179.2	179.2	179.2	*179.2*	179.2	179.2	179.2	179.2	179.2
2.5°	215.0	222.2	215.0	215.0	215.0	*207.8*	207.8	200.7	200.7	193.5	186.3
5°	315.3	315.3	293.8	279.5	265.2	*258.0*	250.8	236.5	222.2	207.8	193.5
7.5°	702.3	702.3	637.8	551.8	437.2	*372.7*	358.3	293.8	250.8	222.2	193.5
10°	1677.0	1677.0	1533.7	1297.2	1003.3	*745.3*	666.5	422.8	301.0	236.5	200.7
12.5°	2787.9	2823.7	2644.5	2343.5	1906.4	*1454.8*	1297.2	774.0	401.3	258.0	200.7
15°	3784.0	3698.0	3647.9	3361.2	2945.5	*2408.0*	2207.4	1304.3	580.5	293.8	200.7
17.5°	4457.7	4457.7	4386.0	4192.5	3812.7	*3339.7*	3174.9	2107.0	938.8	336.8	207.8
20°	5246.0	5246.0	5117.0	4980.9	4644.0	*4242.7*	4085.0	2995.7	1454.8	430.0	207.8
22.5°	6199.2	6213.6	6070.2	5826.6	5504.0	*5059.7*	4923.5	3819.9	2107.0	573.3	215.0
25°	7360.2	7374.6	7166.7	6937.4	6442.9	*5962.7*	5754.9	4765.9	2902.5	802.7	215.0
27.5°	8643.1	8743.4	8435.2	8041.1	7517.9	*6915.9*	6758.2	5618.7	3690.9	1132.3	229.3
30°	10241.3	10241.3	9832.8	9280.9	8714.7	*7969.4*	7768.7	6514.6	4529.4	1569.5	243.7
32.5°	11617.3	11509.8	10986.6	10406.1	9804.1	*9108.9*	8893.9	7453.4	5389.4	2114.2	272.3
35°	12670.8	12577.6	11932.6	11309.1	10785.9	*10148.1*	9890.1	8471.1	6299.6	2730.5	315.3
37.5°	13573.8	13538.0	12663.6	11882.4	11538.4	*10979.4*	10750.1	9431.4	7195.4	3397.0	365.5
40°	14562.8	14448.1	13516.5	12548.9	12032.9	*11581.4*	11373.6	10205.4	8055.4	4178.2	437.2
42.5°	15408.5	15272.3	14433.8	13487.8	12606.3	*11997.1*	11796.4	10857.6	8893.9	4959.4	530.3
45°	16347.3	16275.6	15430.0	14713.3	13538.0	*12563.3*	12298.1	11380.8	9660.8	5891.1	652.2
47.5°	17759.2	17630.2	16841.8	16254.1	14892.5	*13423.3*	13043.4	11918.3	10398.9	6808.4	838.5
50°	19400.3	19314.3	18848.5	18382.7	17028.1	*14892.5*	14441.0	12692.3	11223.1	7897.7	1082.2
52.5°	20740.5	20726.2	20783.5	20790.7	19765.8	*17365.0*	16691.3	13939.3	12169.1	8972.7	1426.2
55°	20711.8	20776.3	21407.0	22130.9	22209.7	*20740.5*	20088.3	16039.1	13401.8	10298.6	1906.4
57.5°	19937.8	19887.7	20554.2	21643.5	22410.4	*22568.0*	22460.5	19300.0	15258.0	11896.8	2644.5
58°	*19687.0*	*19644.0*	*20274.7*	*21385.5*	*22267.0*	*22689.9*	*22582.4*	*20038.2*	*15673.6*	*12126.1*	*2845.2*
60°	18776.8	18784.0	19156.7	20167.2	21048.7	*22052.0*	22152.4	22145.2	17744.8	13659.8	3855.7
62.5°	17572.8	17515.5	17859.5	18683.7	19457.7	*20131.3*	20303.3	22288.5	20776.3	15609.1	5783.6
65°	15910.1	15824.1	16189.6	17121.3	17952.7	*18389.8*	18397.0	20367.8	22202.5	17701.8	8535.6
67.5°	12821.3	12749.6	13480.6	14677.5	15960.3	*16533.6*	16791.6	17673.2	20998.5	19120.8	10112.3
70°	7854.7	8005.2	9022.9	10900.6	13093.6	*14147.1*	14534.1	14806.5	17881.0	18905.8	8456.7
72.5°	3626.4	3447.2	4314.4	5625.9	8127.1	*10470.6*	10871.9	11939.8	14175.8	16411.8	6306.7
75°	1691.3	1626.8	1827.5	2458.2	3683.7	*5654.5*	6385.6	9531.8	10871.9	11416.6	4550.9
77.5°	867.2	874.3	1039.2	1118.0	1519.3	*2615.9*	3002.9	6270.9	7969.4	6371.2	3053.0
80°	379.8	394.2	401.3	437.2	616.3	*1010.5*	1139.5	2909.7	5446.7	3246.5	1669.8
82.5°	243.7	250.8	250.8	250.8	293.8	*401.3*	458.7	1168.2	2716.2	1612.5	516.0
85°	129.0	129.0	143.3	179.2	207.8	*243.7*	258.0	372.7	895.8	480.2	121.8
87.5°	71.7	78.8	86.0	107.5	136.2	*164.8*	179.2	258.0	344.0	329.7	28.7
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-SA8B-935-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2	179.2
2.5°	186.3	179.2	172.0	164.8	157.7	150.5	150.5	150.5	150.5	150.5	150.5
5°	179.2	172.0	164.8	150.5	136.2	129.0	121.8	114.7	114.7	114.7	114.7
7.5°	179.2	172.0	150.5	136.2	121.8	107.5	93.2	93.2	93.2	93.2	93.2
10°	179.2	164.8	143.3	121.8	100.3	86.0	78.8	71.7	71.7	71.7	71.7
12.5°	179.2	157.7	136.2	107.5	86.0	71.7	64.5	57.3	57.3	57.3	57.3
15°	179.2	157.7	129.0	100.3	78.8	57.3	50.2	43.0	43.0	43.0	43.0
17.5°	172.0	150.5	121.8	86.0	64.5	43.0	35.8	28.7	28.7	35.8	35.8
20°	164.8	143.3	107.5	71.7	50.2	35.8	21.5	21.5	21.5	21.5	21.5
22.5°	164.8	143.3	100.3	64.5	43.0	21.5	14.3	14.3	14.3	14.3	21.5
25°	164.8	136.2	86.0	50.2	28.7	14.3	7.2	7.2	7.2	7.2	7.2
27.5°	164.8	136.2	78.8	43.0	21.5	14.3	7.2	0.0	0.0	0.0	0.0
30°	157.7	129.0	71.7	35.8	14.3	7.2	0.0	0.0	0.0	0.0	0.0
32.5°	157.7	121.8	57.3	28.7	14.3	7.2	0.0	0.0	0.0	0.0	0.0
35°	164.8	114.7	50.2	21.5	7.2	0.0	0.0	0.0	0.0	0.0	7.2
37.5°	172.0	107.5	43.0	14.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	179.2	100.3	43.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	193.5	100.3	35.8	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	207.8	100.3	28.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	236.5	107.5	28.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	258.0	114.7	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	286.7	107.5	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	322.5	107.5	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.2	100.3	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*365.5*	*93.2*	*14.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	437.2	86.0	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	680.8	71.7	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1383.2	64.5	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2580.0	57.3	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2888.2	64.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1820.3	50.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	960.3	50.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	480.2	50.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	222.2	35.8	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	93.2	21.5	14.3	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	43.0	21.5	14.3	14.3	7.2	7.2	0.0	0.0	0.0	0.0	0.0
87.5°	21.5	21.5	21.5	14.3	14.3	7.2	7.2	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

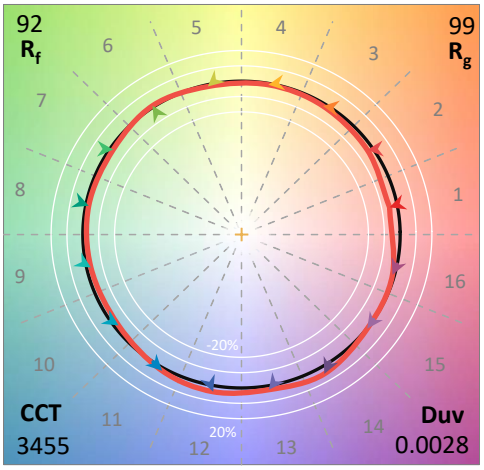
Test Information

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

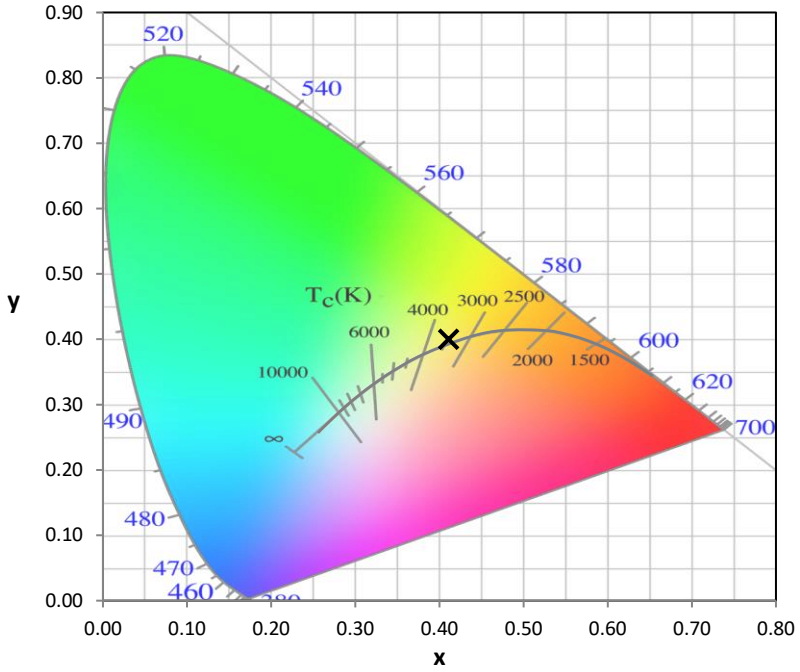
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-15

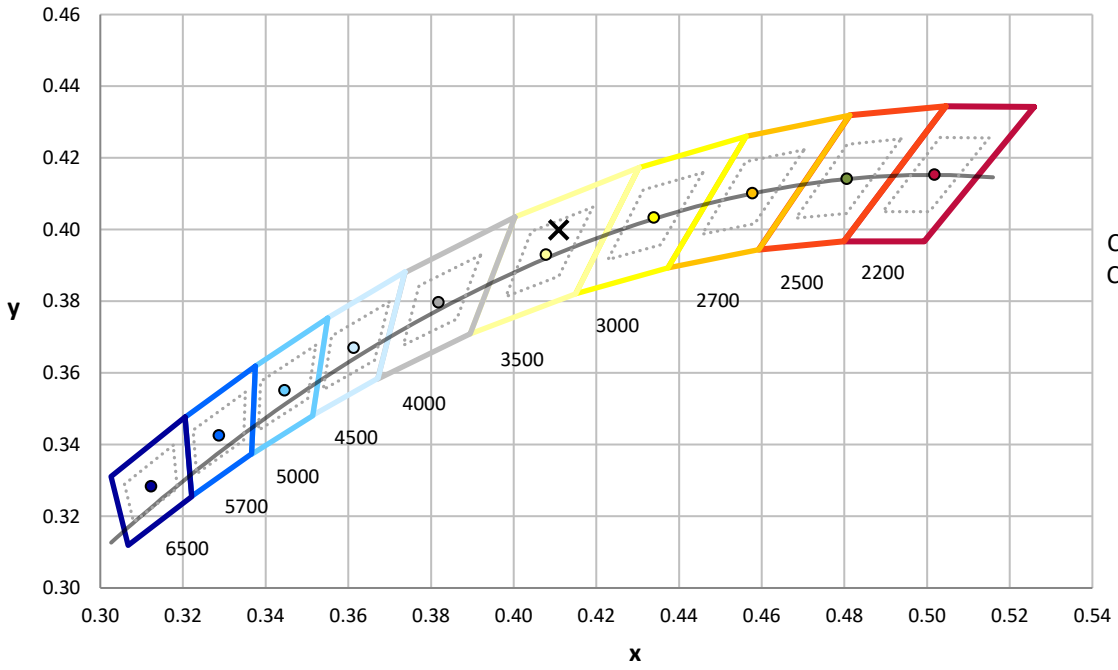
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

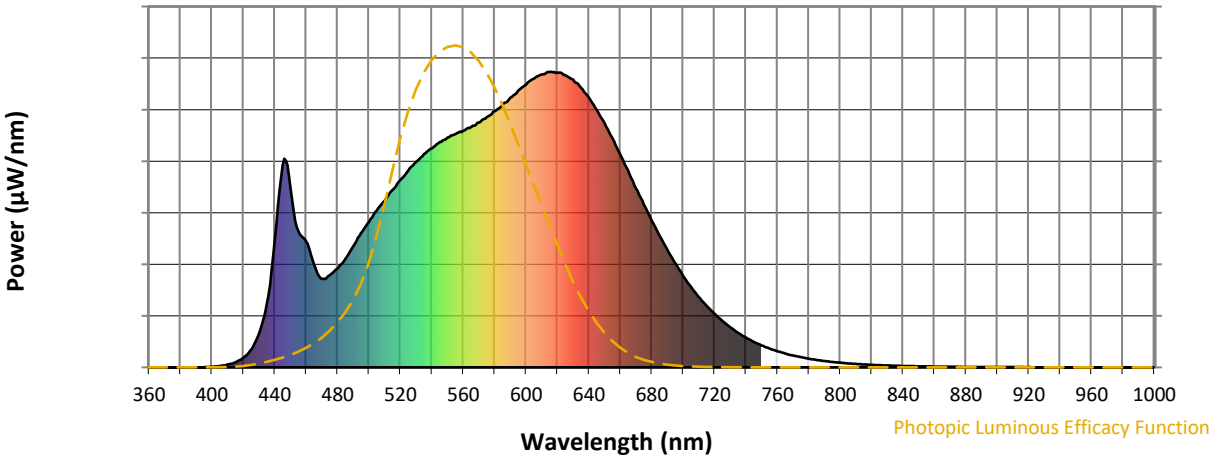


CCT = 3455K
CIE x = 0.4109
CIE y = 0.3999
Duv = 0.0028

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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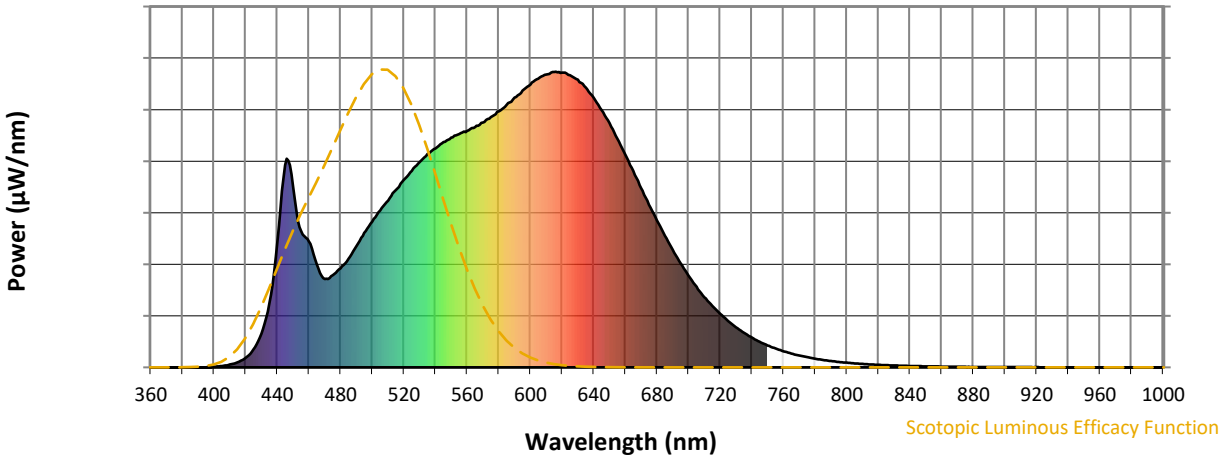
Scotopic Flux vs. Wavelength



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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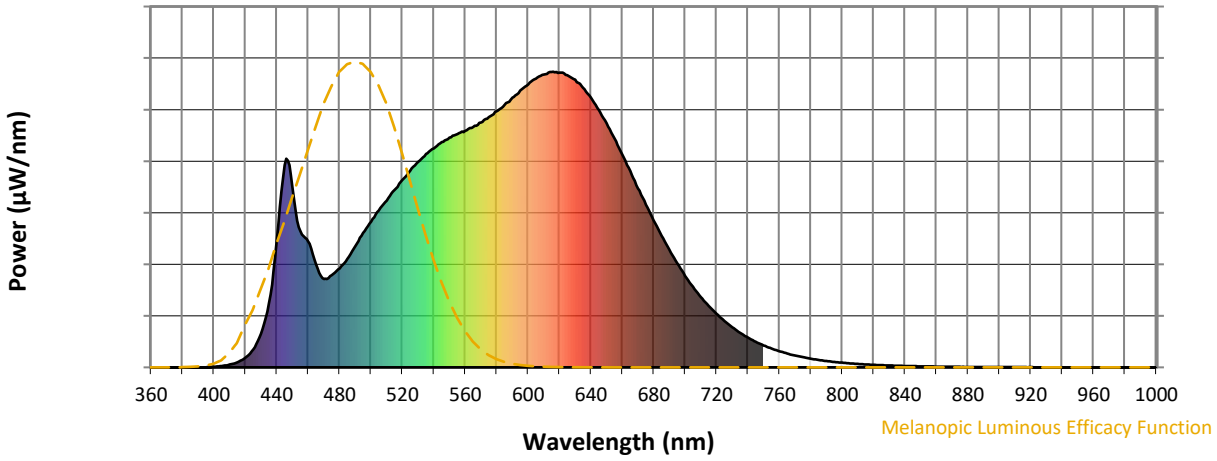
Melanopic Flux vs. Wavelength



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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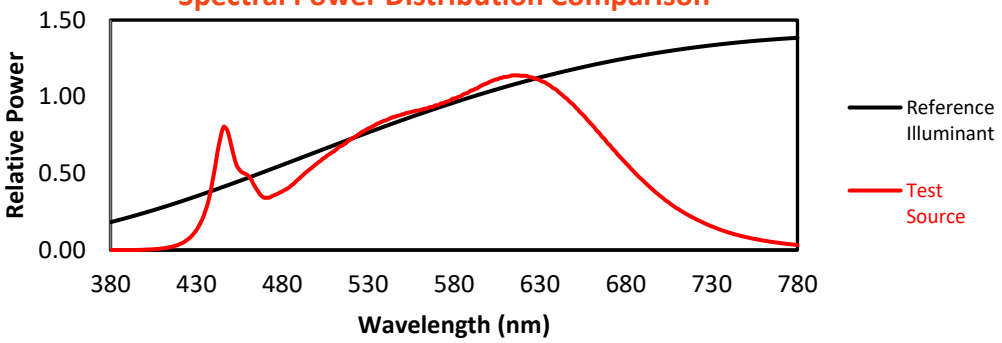
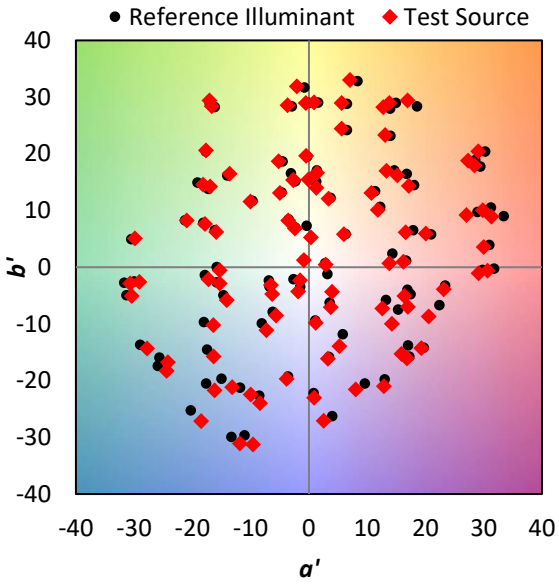
Summary

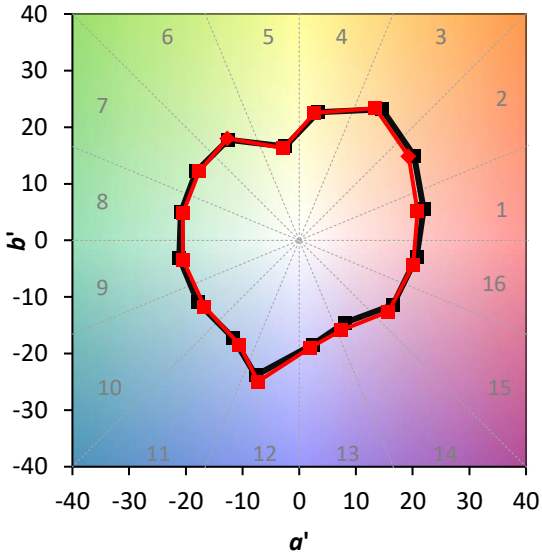
R_f = 92.3
R_g = 98.5
CIE R_a = 92.2
R_9 = 59.8

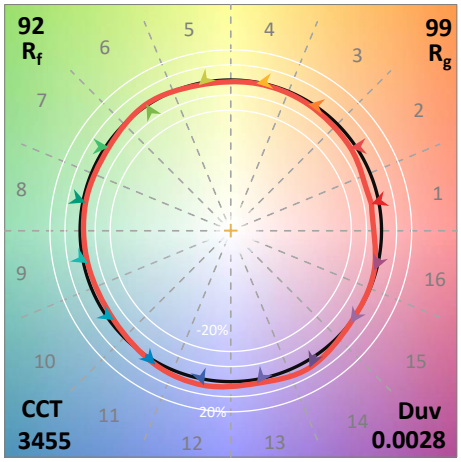
Spectral Power Distribution Comparison

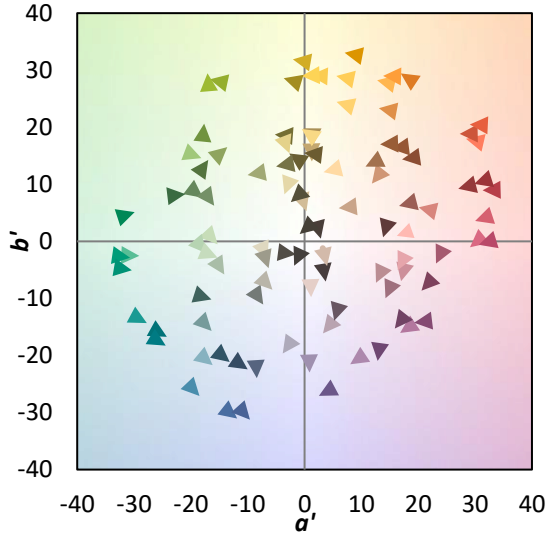


Color Vector Graphics









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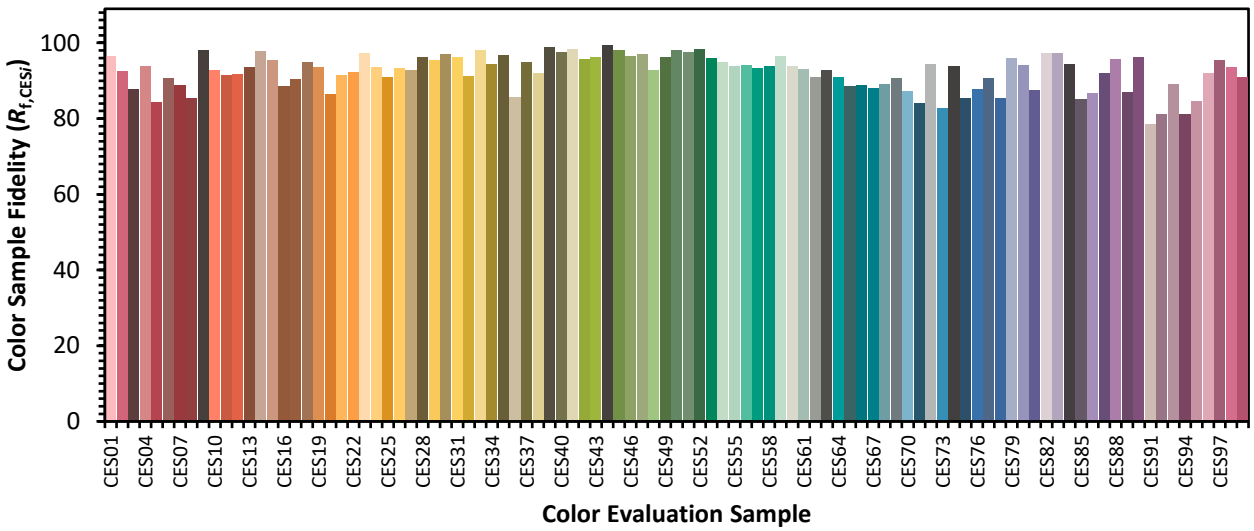
Individual Sample Fidelity Index ($R_{f,i}$)

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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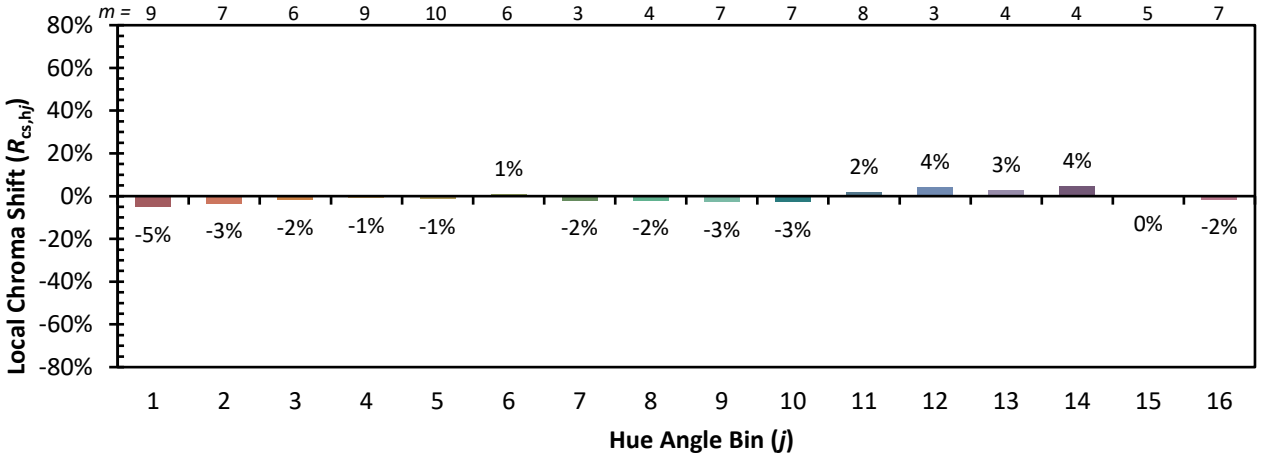
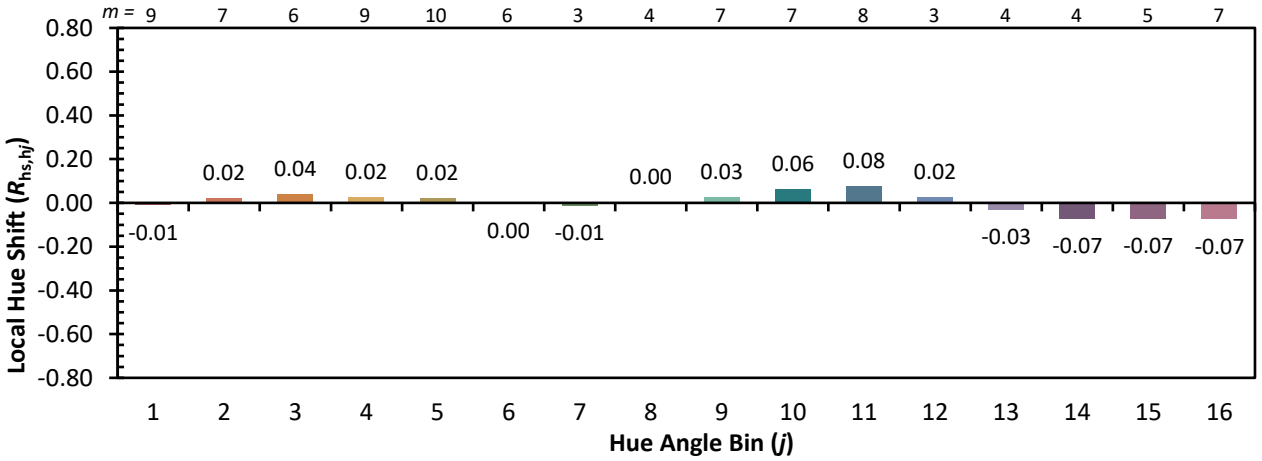
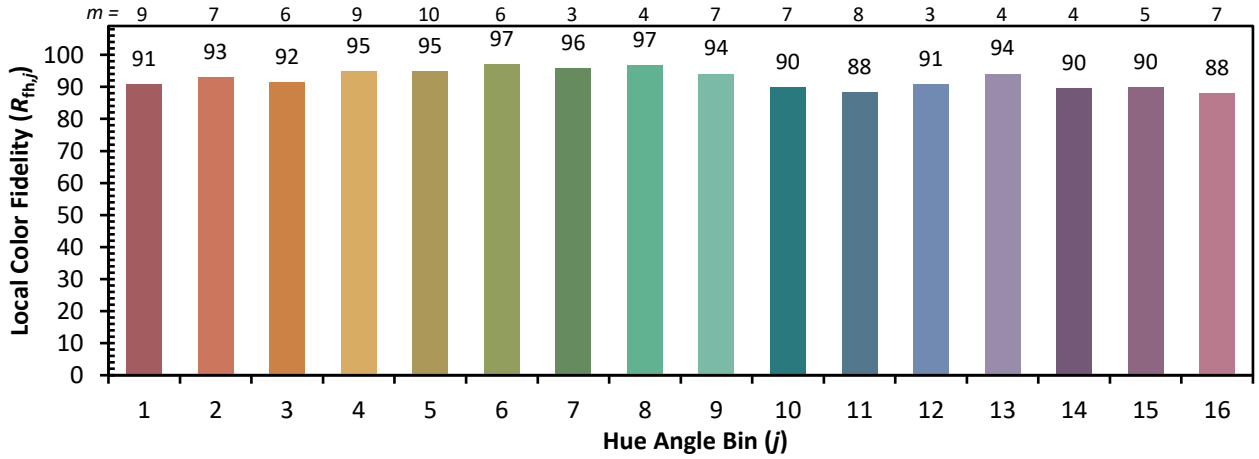
Color Rendition by Hue-Angle Bin







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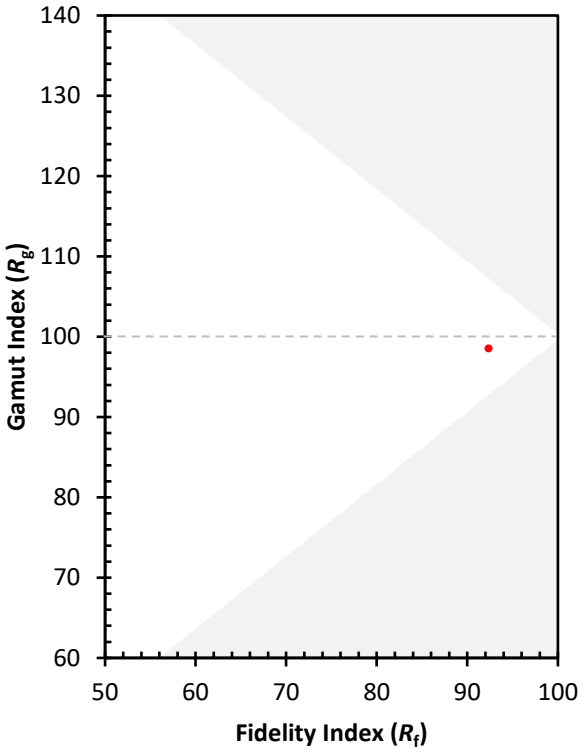
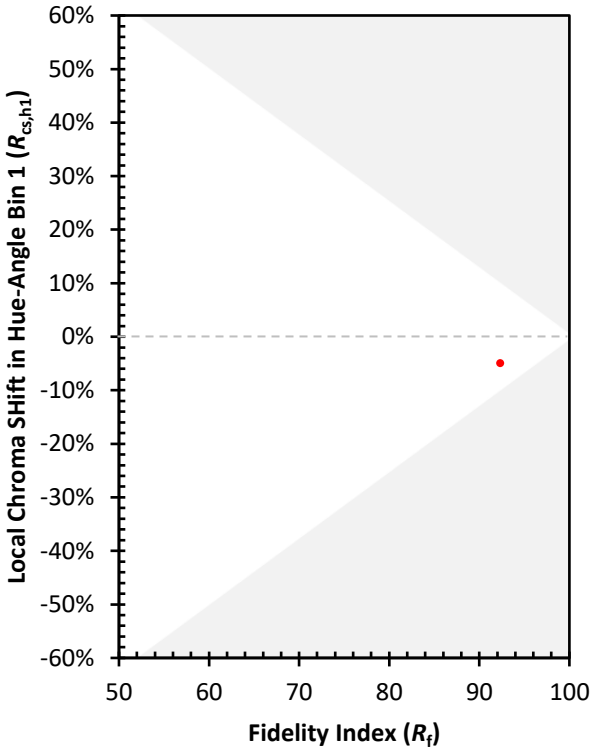
Measure Comparisons





(END OF REPORT)