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: P1047511

Luminaire Tested: **GALN-SA8C-930-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:	P1047511
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8C-930-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31948.8 lumens
Efficiency:	N/A
Efficacy:	85.7 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):	372.9
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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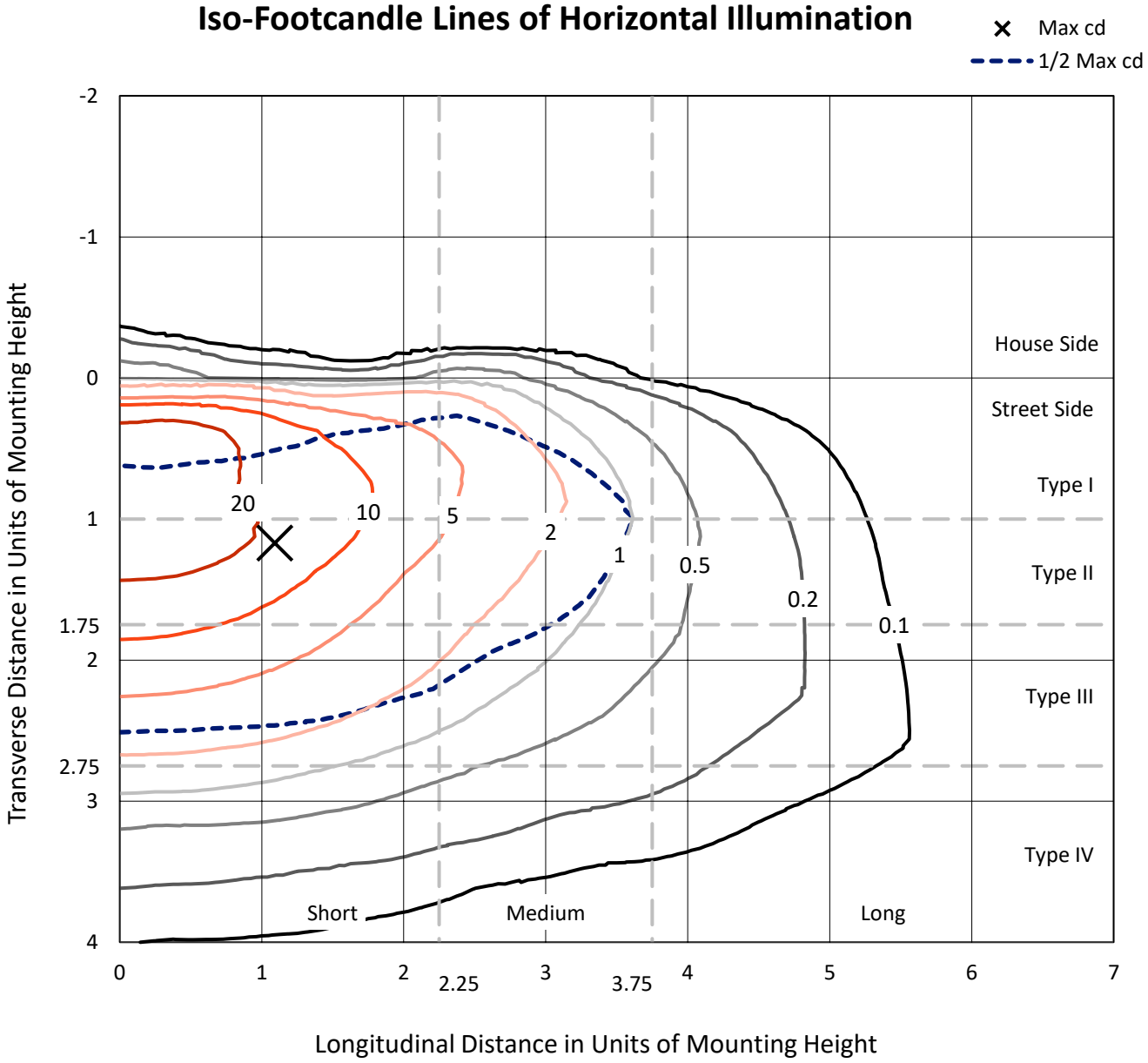
REPORT NUMBER: P1047511
CATALOG NUMBER: GALN-SA8C-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 35.8 fc
Type III - Short - N/A

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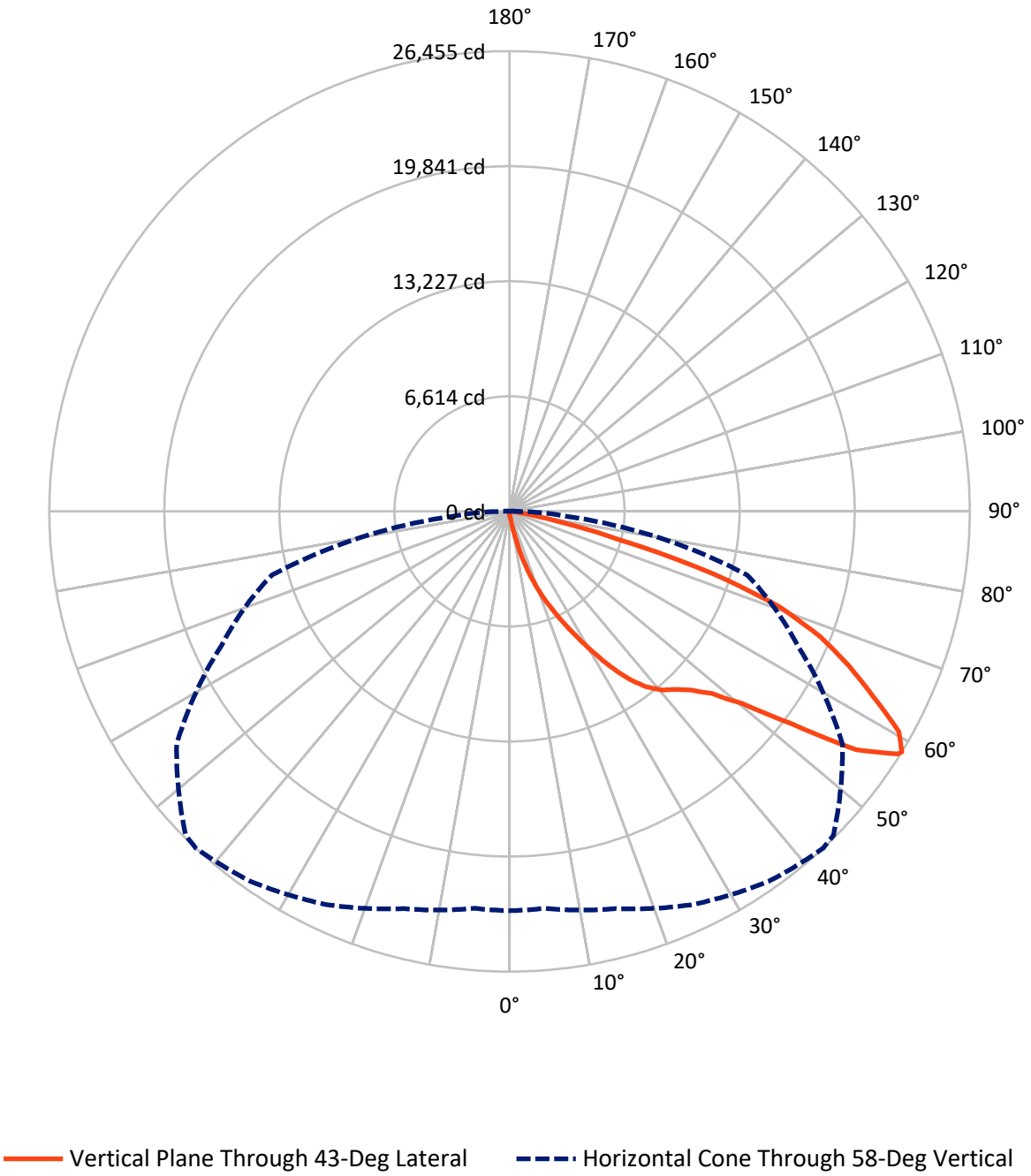
Luminous Intensity Polar Plot



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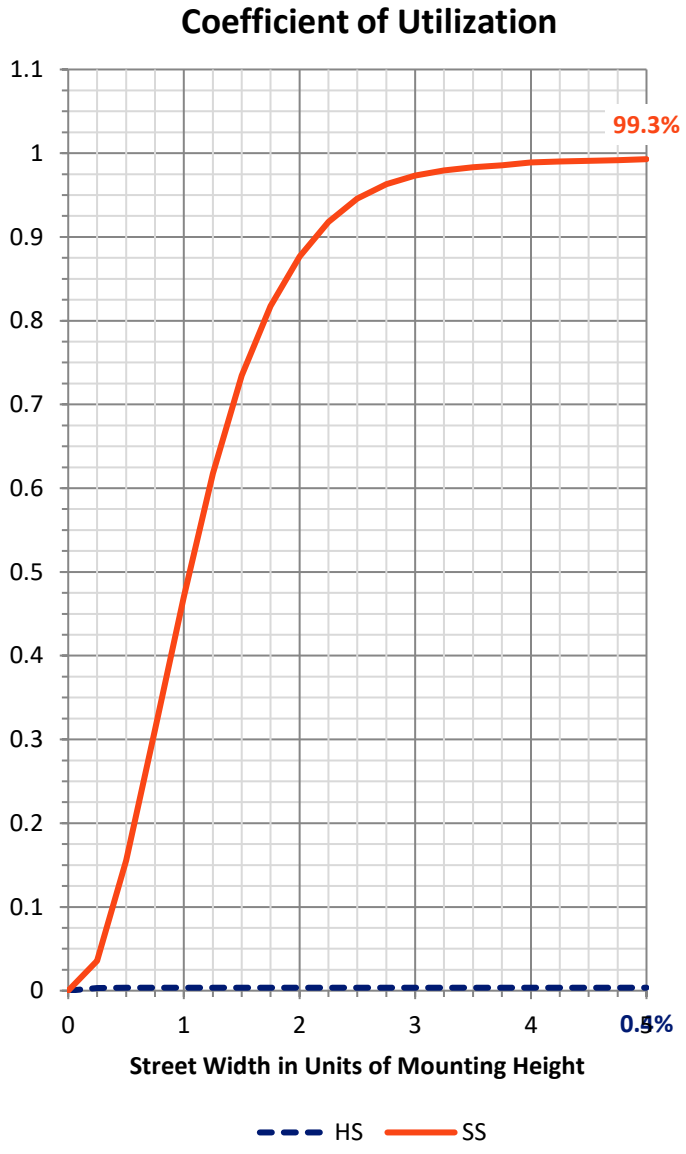
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	116.7	0.0	116.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31832.1	0.0	31832.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	31948.8	0.0	31948.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	0.1
10°-20°	367.2	1.1
20°-30°	1323.7	4.1
30°-40°	3028.5	9.5
40°-50°	5108.0	16.0
50°-60°	8429.4	26.4
60°-70°	9421.0	29.5
70°-80°	3889.8	12.2
80°-90°	350.7	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°	31948.8	100.0
0°-180°	31948.8	100.0



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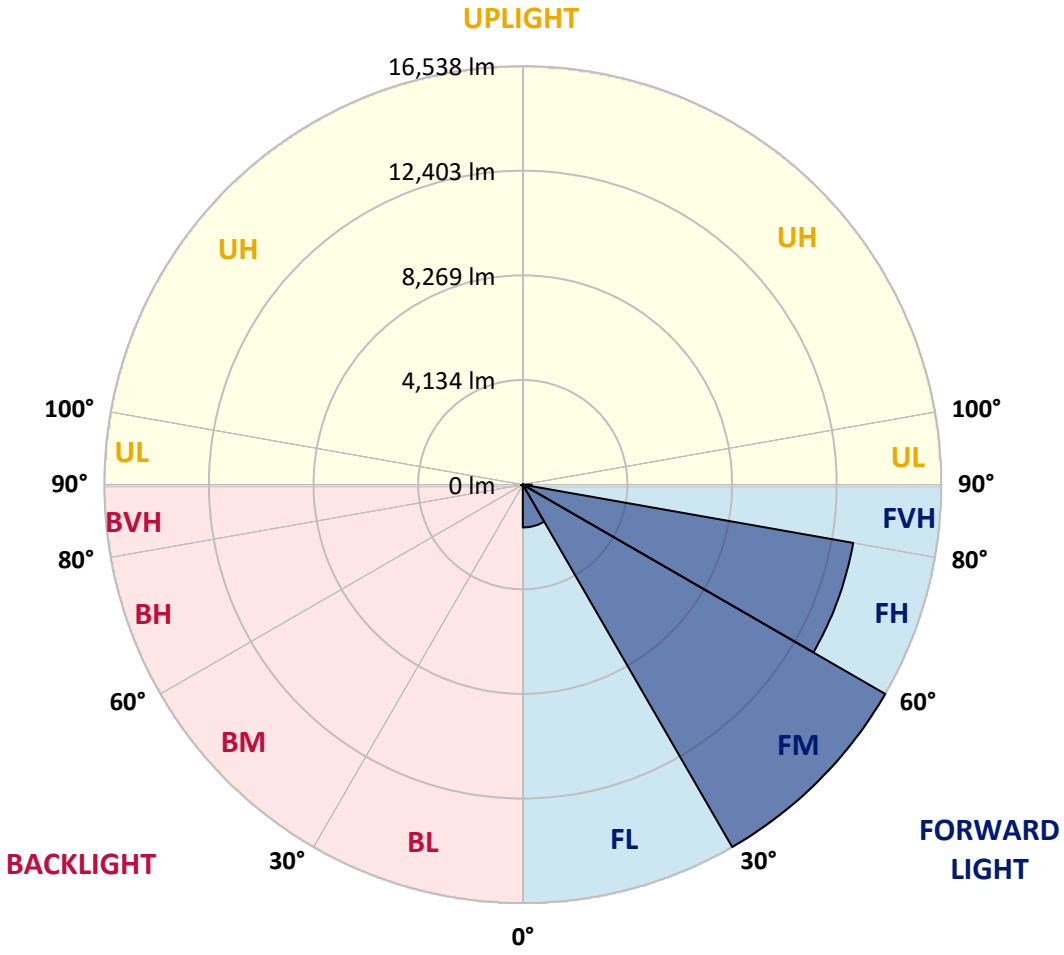
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1691.1	5.3			
FM	(30°-60°)	16537.9	51.8			
FH	(60°-80°)	13257.3	41.5			G5
FVH	(80°-90°)	345.9	1.1			G3/500
BL	(0°-30°)	30.4	0.1	B0/110		
BM	(30°-60°)	28.0	0.1	B0/220		
BH	(60°-80°)	53.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	208.9	208.9	208.9	208.9	208.9	*208.9*	208.9	208.9	208.9	208.9	208.9
2.5°	250.7	259.0	250.7	250.7	250.7	*242.3*	242.3	234.0	234.0	225.6	217.3
5°	367.7	367.7	342.6	325.9	309.2	*300.8*	292.5	275.7	259.0	242.3	225.6
7.5°	818.9	818.9	743.7	643.4	509.7	*434.5*	417.8	342.6	292.5	259.0	225.6
10°	1955.3	1955.3	1788.2	1512.4	1169.8	*869.0*	777.1	493.0	350.9	275.7	234.0
12.5°	3250.5	3292.2	3083.3	2732.4	2222.7	*1696.3*	1512.4	902.4	467.9	300.8	234.0
15°	4411.9	4311.7	4253.2	3918.9	3434.3	*2807.6*	2573.6	1520.8	676.8	342.6	234.0
17.5°	5197.4	5197.4	5113.8	4888.2	4445.3	*3893.9*	3701.7	2456.6	1094.6	392.7	242.3
20°	6116.5	6116.5	5966.1	5807.4	5414.6	*4946.7*	4762.9	3492.8	1696.3	501.4	242.3
22.5°	7227.9	7244.6	7077.5	6793.4	6417.3	*5899.3*	5740.5	4453.7	2456.6	668.5	250.7
25°	8581.5	8598.2	8355.9	8088.5	7512.0	*6952.1*	6709.8	5556.7	3384.1	935.9	250.7
27.5°	10077.2	10194.2	9834.9	9375.3	8765.4	*8063.5*	7879.6	6551.0	4303.3	1320.2	267.4
30°	11940.6	11940.6	11464.3	10820.9	10160.8	*9291.8*	9057.8	7595.5	5280.9	1829.9	284.1
32.5°	13544.9	13419.6	12809.6	12132.8	11430.9	*10620.4*	10369.7	8690.2	6283.7	2465.0	317.5
35°	14773.3	14664.6	13912.6	13185.6	12575.7	*11832.0*	11531.2	9876.7	7344.9	3183.6	367.7
37.5°	15826.1	15784.3	14764.9	13854.1	13453.0	*12801.3*	12533.9	10996.4	8389.3	3960.7	426.2
40°	16979.2	16845.5	15759.3	14631.2	14029.6	*13503.2*	13260.8	11898.8	9392.1	4871.5	509.7
42.5°	17965.2	17806.5	16828.8	15725.8	14698.1	*13987.8*	13753.8	12659.2	10369.7	5782.3	618.3
45°	19059.9	18976.3	17990.3	17154.7	15784.3	*14647.9*	14338.8	13269.2	11263.8	6868.6	760.4
47.5°	20706.0	20555.6	19636.4	18951.2	17363.6	*15650.6*	15207.8	13895.9	12124.4	7938.1	977.6
50°	22619.5	22519.2	21976.1	21432.9	19853.7	*17363.6*	16837.2	14798.3	13085.4	9208.2	1261.7
52.5°	24182.0	24165.3	24232.2	24240.5	23045.6	*20246.4*	19460.9	16252.3	14188.4	10461.6	1662.8
55°	24148.6	24223.8	24959.1	25803.1	25895.0	*24182.0*	23421.6	18700.6	15625.6	12007.5	2222.7
57.5°	23246.2	23187.7	23964.8	25234.9	26129.0	*26312.8*	26187.5	22502.5	17789.8	13870.8	3083.3
58°	*22953.7*	*22903.6*	*23638.9*	*24934.1*	*25961.8*	*26454.8*	*26329.5*	*23363.2*	*18274.4*	*14138.2*	*3317.3*
60°	21892.5	21900.9	22335.4	23513.6	24541.3	*25711.2*	25828.2	25819.8	20689.3	15926.4	4495.5
62.5°	20488.7	20421.9	20823.0	21783.9	22686.3	*23471.8*	23672.3	25986.9	24223.8	18199.2	6743.2
65°	18550.1	18449.9	18876.0	19962.3	20931.6	*21441.3*	21449.6	23747.5	25886.6	20639.1	9951.9
67.5°	14948.7	14865.2	15717.5	17112.9	18608.6	*19277.1*	19577.9	20605.7	24482.8	22293.6	11790.2
70°	9158.1	9333.6	10520.1	12709.4	15266.3	*16494.6*	16945.8	17263.3	20848.0	22042.9	9860.0
72.5°	4228.1	4019.2	5030.3	6559.4	9475.6	*12208.0*	12675.9	13921.0	16528.0	19135.1	7353.2
75°	1972.0	1896.8	2130.8	2866.1	4294.9	*6592.8*	7445.1	11113.4	12675.9	13311.0	5306.0
77.5°	1011.1	1019.4	1211.6	1303.5	1771.5	*3049.9*	3501.1	7311.4	9291.8	7428.4	3559.6
80°	442.9	459.6	467.9	509.7	718.6	*1178.2*	1328.6	3392.5	6350.5	3785.2	1946.9
82.5°	284.1	292.5	292.5	292.5	342.6	*467.9*	534.8	1362.0	3166.9	1880.1	601.6
85°	150.4	150.4	167.1	208.9	242.3	*284.1*	300.8	434.5	1044.5	559.8	142.1
87.5°	83.6	91.9	100.3	125.3	158.8	*192.2*	208.9	300.8	401.1	384.4	33.4
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-SA8C-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9	208.9
2.5°	217.3	208.9	200.5	192.2	183.8	175.5	175.5	175.5	175.5	175.5	175.5
5°	208.9	200.5	192.2	175.5	158.8	150.4	142.1	133.7	133.7	133.7	133.7
7.5°	208.9	200.5	175.5	158.8	142.1	125.3	108.6	108.6	108.6	108.6	108.6
10°	208.9	192.2	167.1	142.1	117.0	100.3	91.9	83.6	83.6	83.6	83.6
12.5°	208.9	183.8	158.8	125.3	100.3	83.6	75.2	66.8	66.8	66.8	66.8
15°	208.9	183.8	150.4	117.0	91.9	66.8	58.5	50.1	50.1	50.1	50.1
17.5°	200.5	175.5	142.1	100.3	75.2	50.1	41.8	33.4	33.4	41.8	41.8
20°	192.2	167.1	125.3	83.6	58.5	41.8	25.1	25.1	25.1	25.1	25.1
22.5°	192.2	167.1	117.0	75.2	50.1	25.1	16.7	16.7	16.7	16.7	25.1
25°	192.2	158.8	100.3	58.5	33.4	16.7	8.4	8.4	8.4	8.4	8.4
27.5°	192.2	158.8	91.9	50.1	25.1	16.7	8.4	0.0	0.0	0.0	0.0
30°	183.8	150.4	83.6	41.8	16.7	8.4	0.0	0.0	0.0	0.0	0.0
32.5°	183.8	142.1	66.8	33.4	16.7	8.4	0.0	0.0	0.0	0.0	0.0
35°	192.2	133.7	58.5	25.1	8.4	0.0	0.0	0.0	0.0	0.0	8.4
37.5°	200.5	125.3	50.1	16.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	208.9	117.0	50.1	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	225.6	117.0	41.8	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	242.3	117.0	33.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	275.7	125.3	33.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	300.8	133.7	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	334.2	125.3	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	376.0	125.3	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	409.4	117.0	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*426.2*	*108.6*	*16.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	509.7	100.3	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	793.8	83.6	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1612.7	75.2	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3008.1	66.8	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3367.4	75.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2122.4	58.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1119.7	58.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	559.8	58.5	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	259.0	41.8	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	108.6	25.1	16.7	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	50.1	25.1	16.7	16.7	8.4	8.4	0.0	0.0	0.0	0.0	0.0
87.5°	25.1	25.1	25.1	16.7	16.7	8.4	8.4	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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

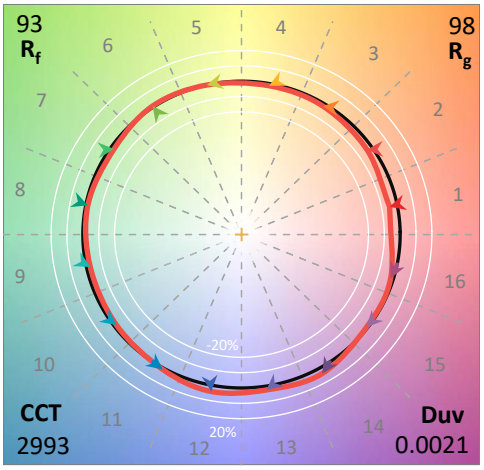
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-14
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-930-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2993
CIE u':	0.2501
CIE v':	0.5245
Duv:	0.0021
CIE x:	0.4406
CIE y:	0.4107
CIE z:	0.1487
Peak Wavelength (nm):	621
Dominant Wavelength (nm):	582
Purity:	55.53327
Rf:	92.6
Rg:	98.5

CRI (Ra):	92.4
R1:	92.2
R2:	95.2
R3:	97.0
R4:	93.1
R5:	91.7
R6:	94.2
R7:	93.3
R8:	82.3
R9:	58.2
R10:	87.7
R11:	93.5
R12:	81.7
R13:	92.9
R14:	97.6
R15:	88.1



Test Conditions

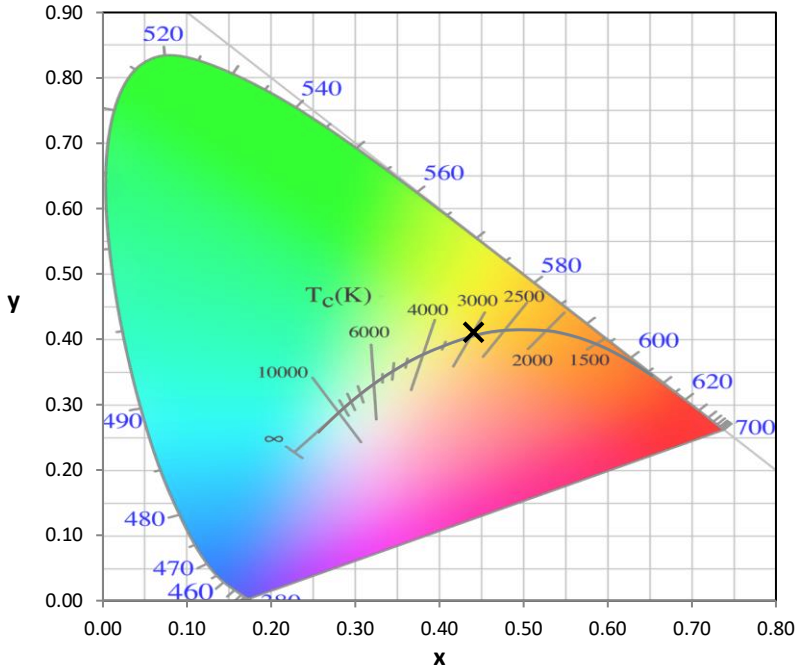
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

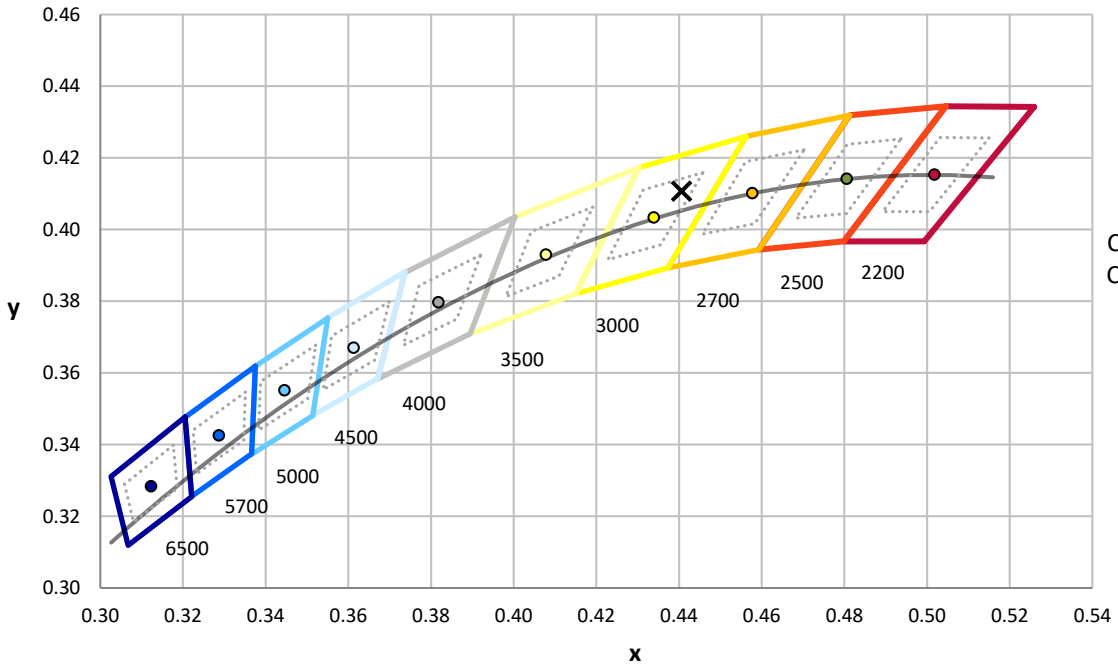
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



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

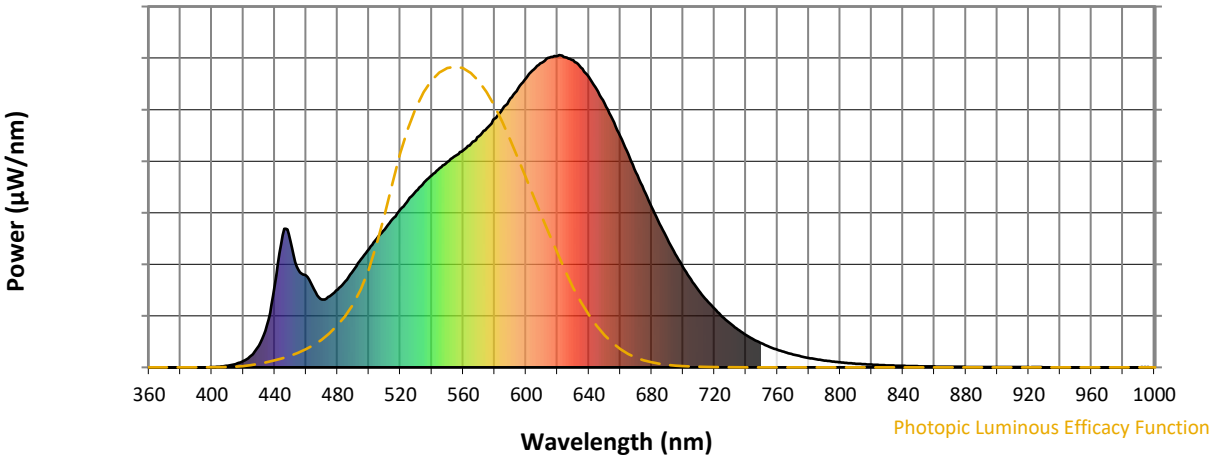


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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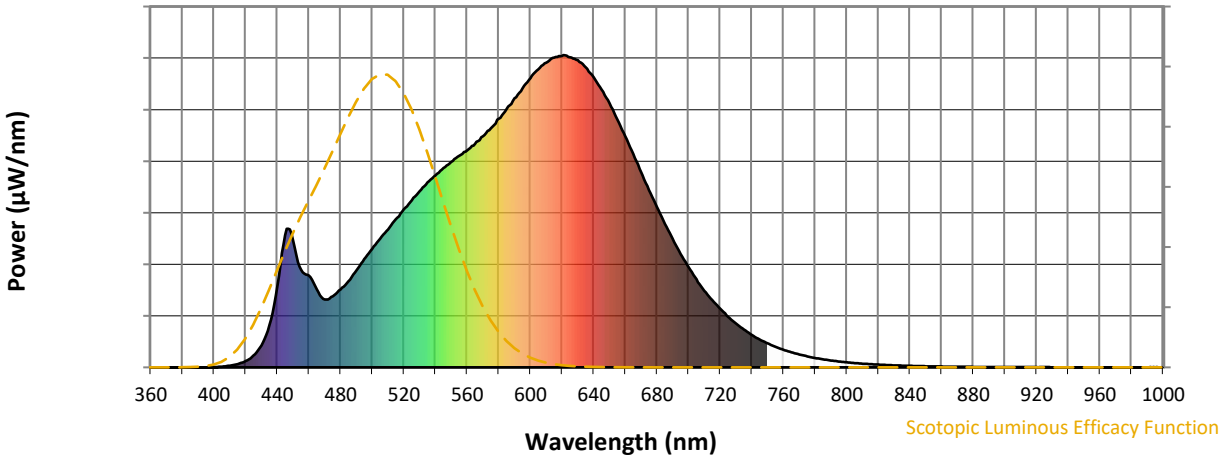
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.39**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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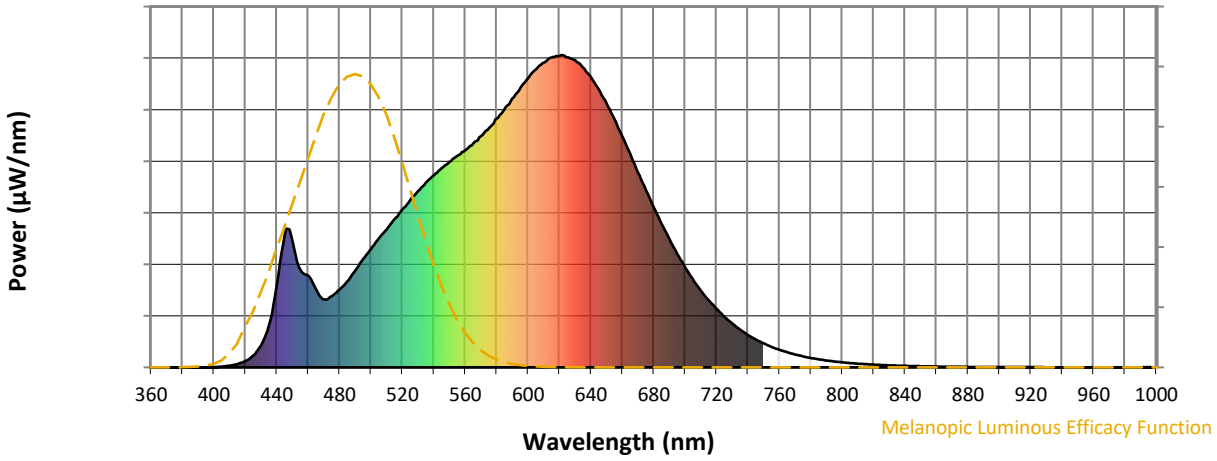
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.69**

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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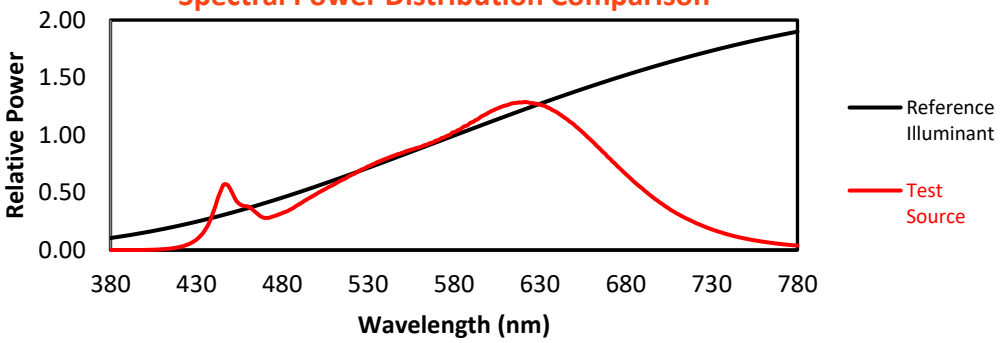
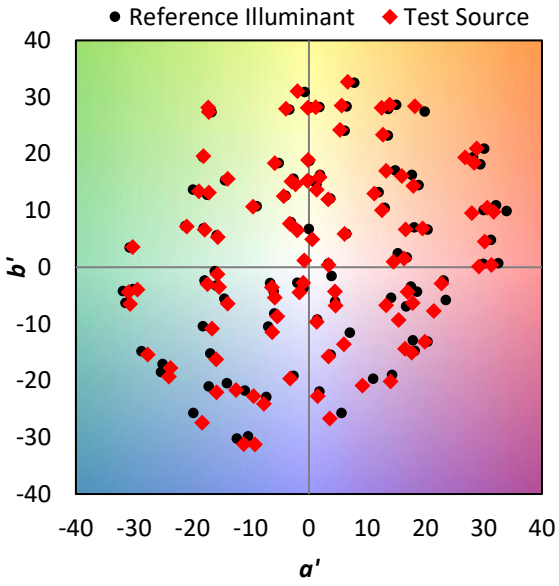
Summary

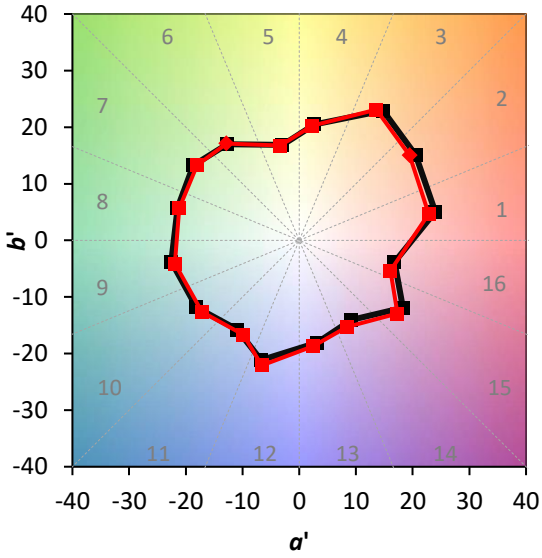
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

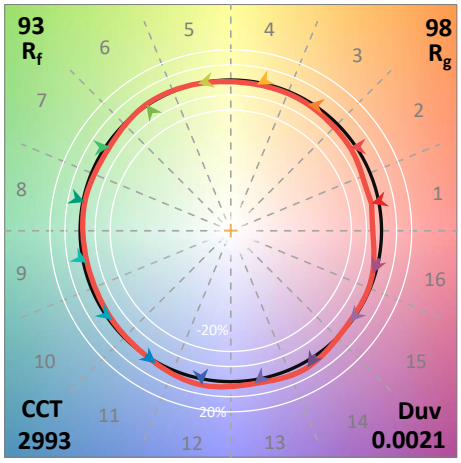
Spectral Power Distribution Comparison

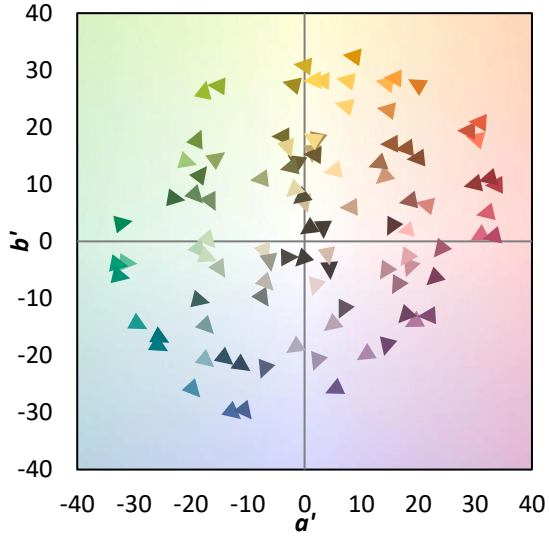


Color Vector Graphics









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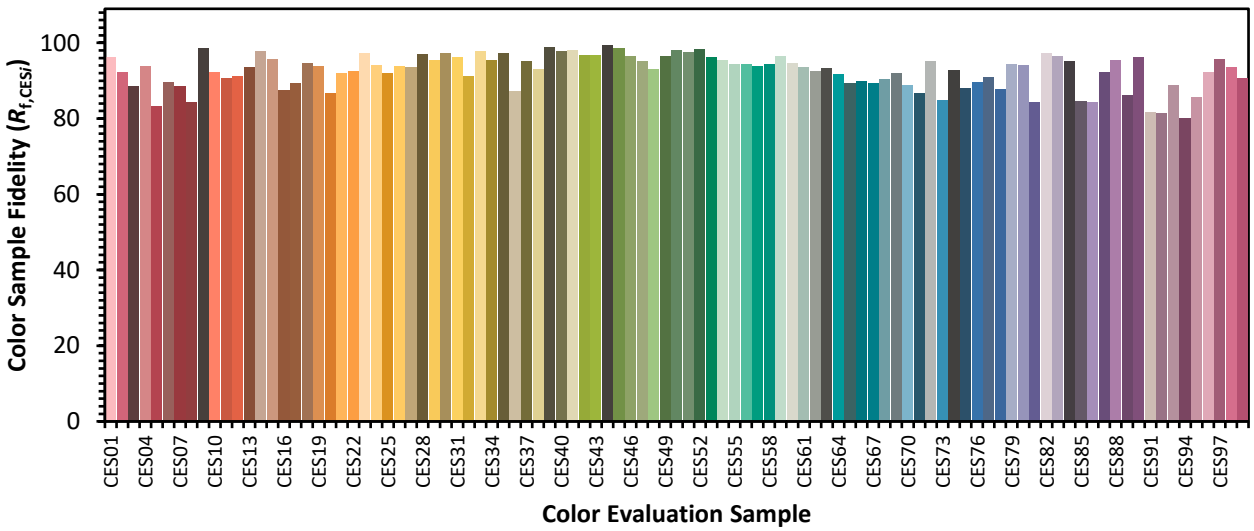
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



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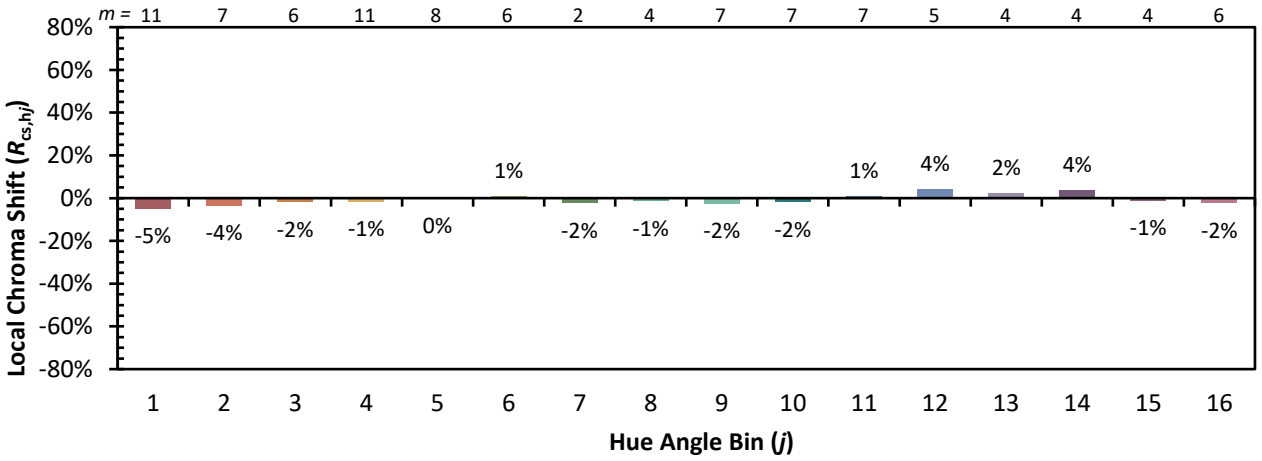
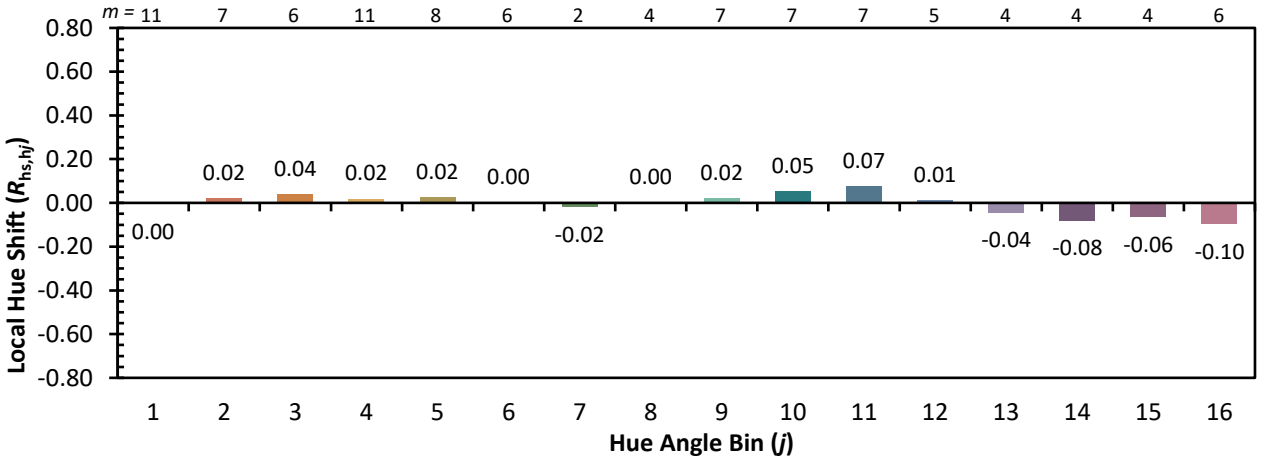
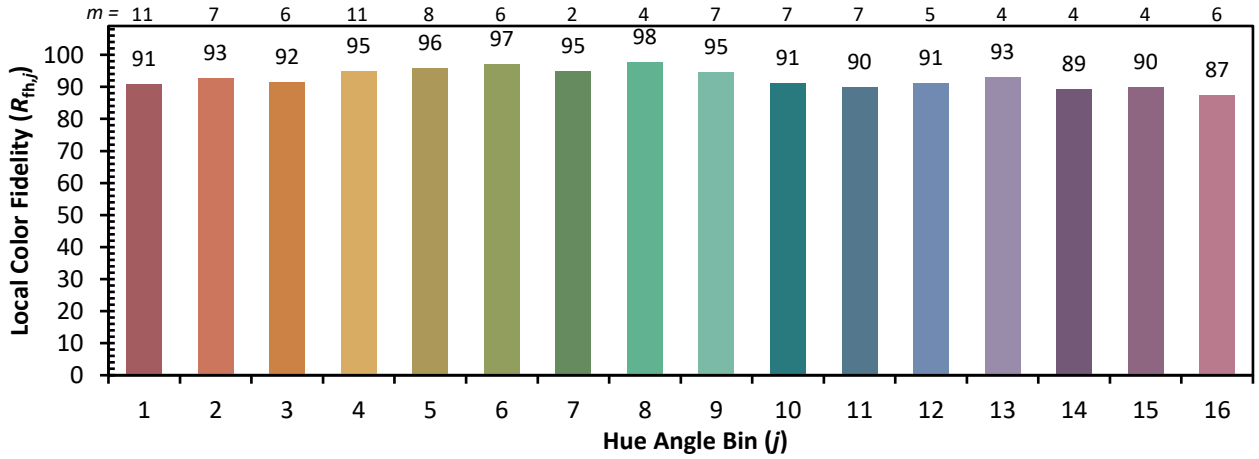
Color Rendition by Hue-Angle Bin







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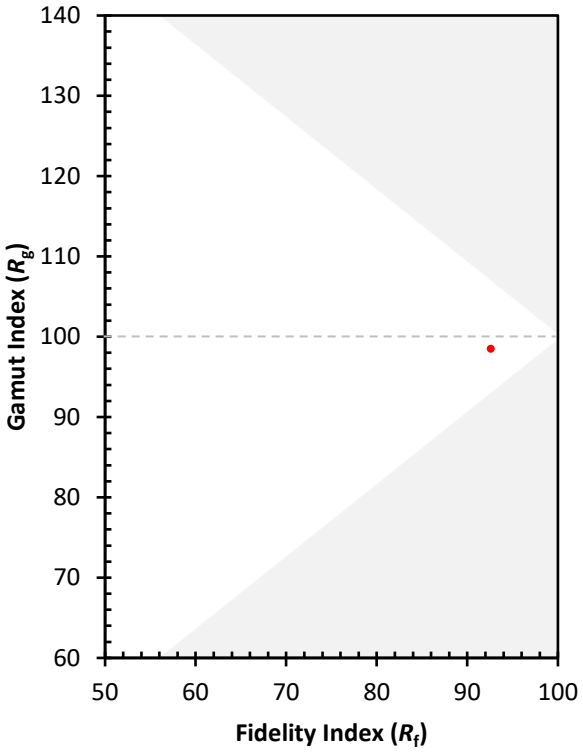
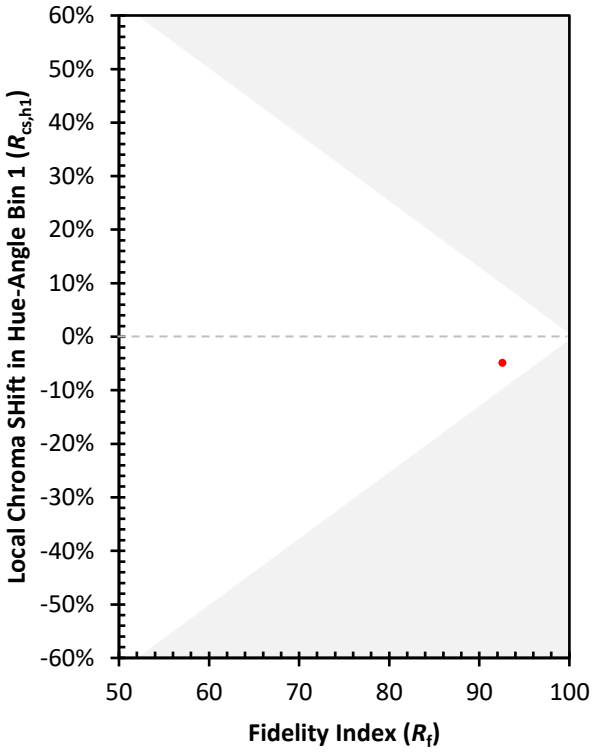
Measure Comparisons





(END OF REPORT)