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: P1047513

Luminaire Tested: **GALN-SA9A-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:	P1047513
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9A-930-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE 90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23317 lumens
Efficiency:	N/A
Efficacy:	95.3 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):	244.6
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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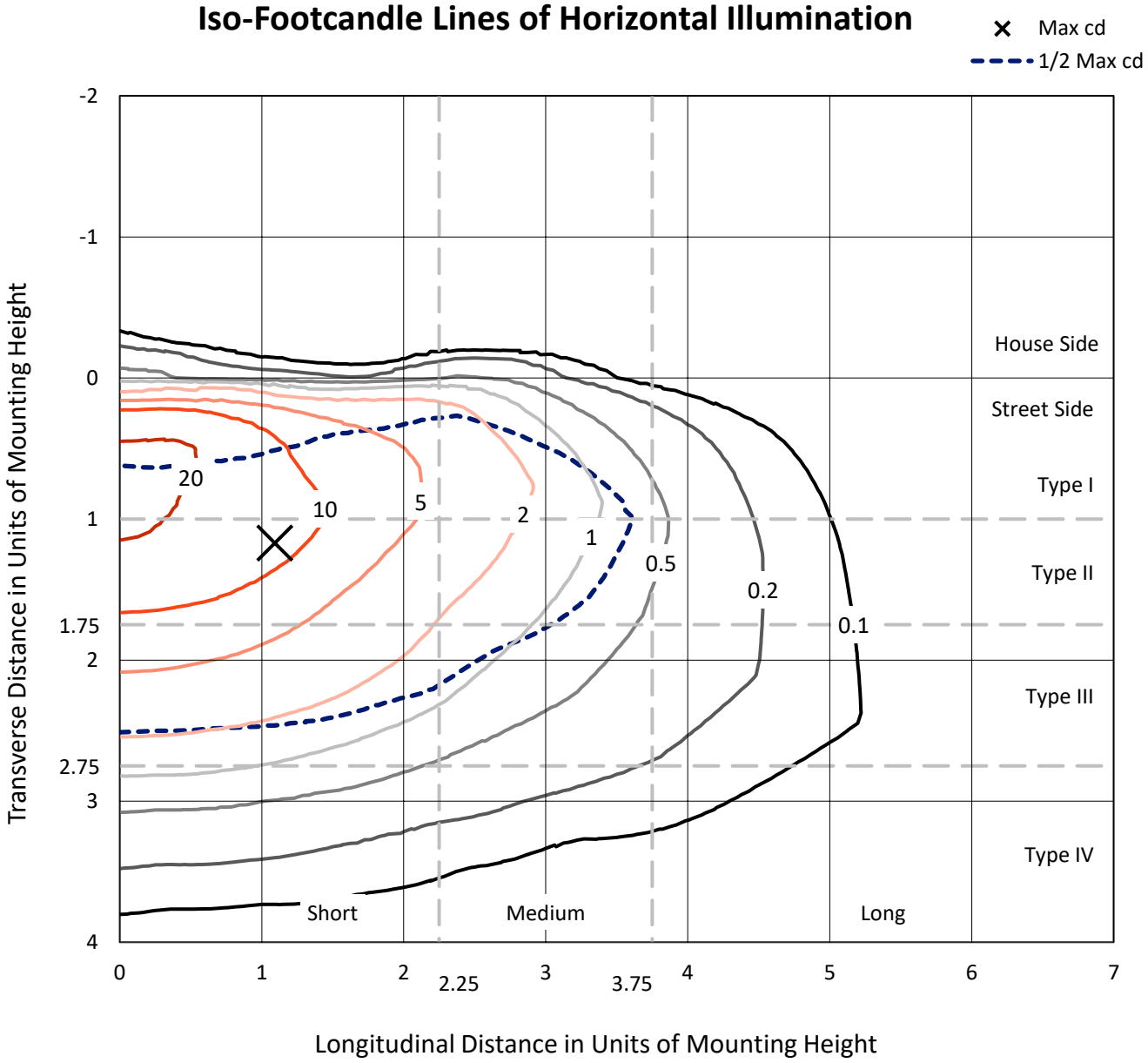
REPORT NUMBER: P1047513
CATALOG NUMBER: GALN-SA9A-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.2 fc
Type III - Short - N/A

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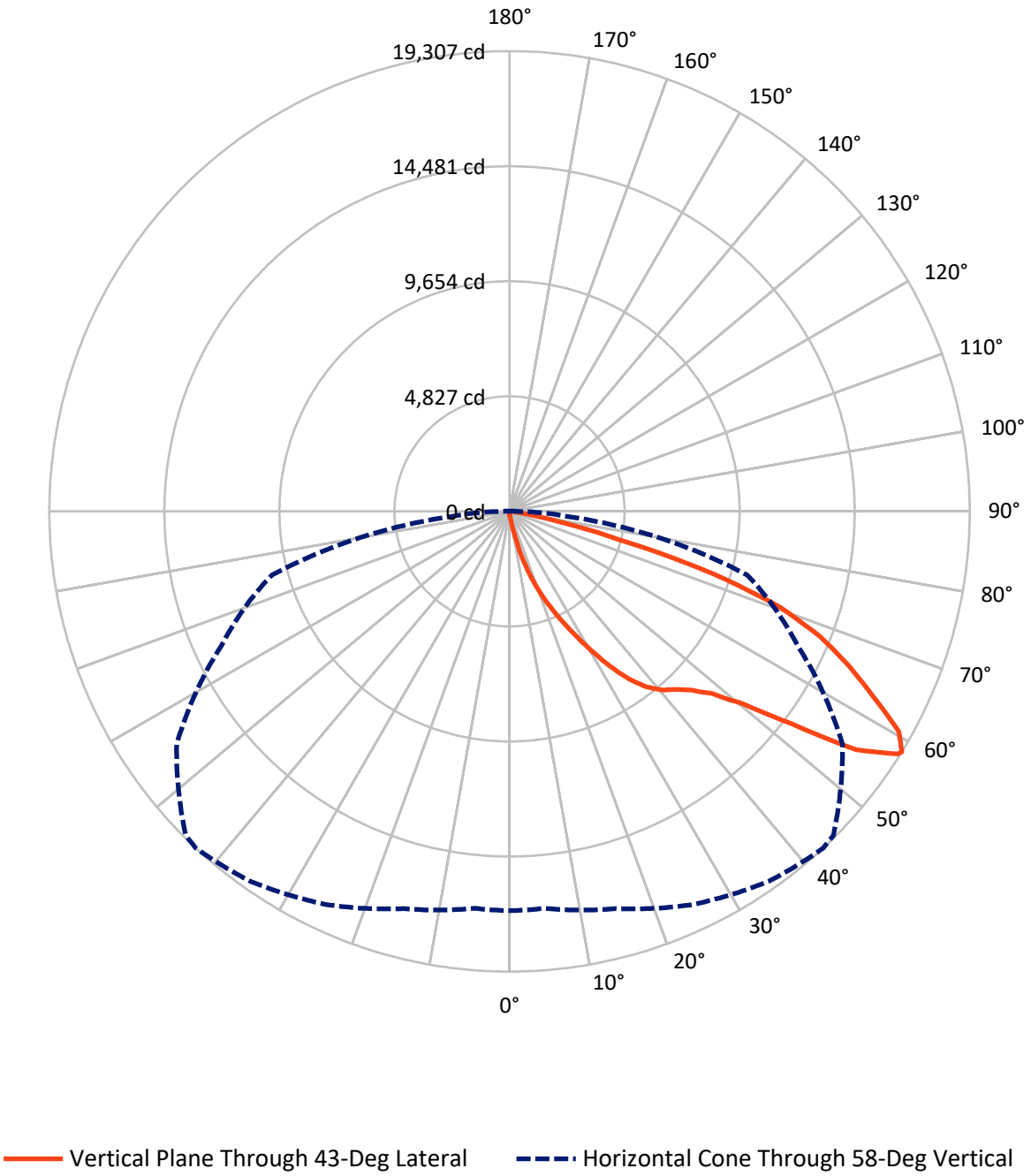
Luminous Intensity Polar Plot



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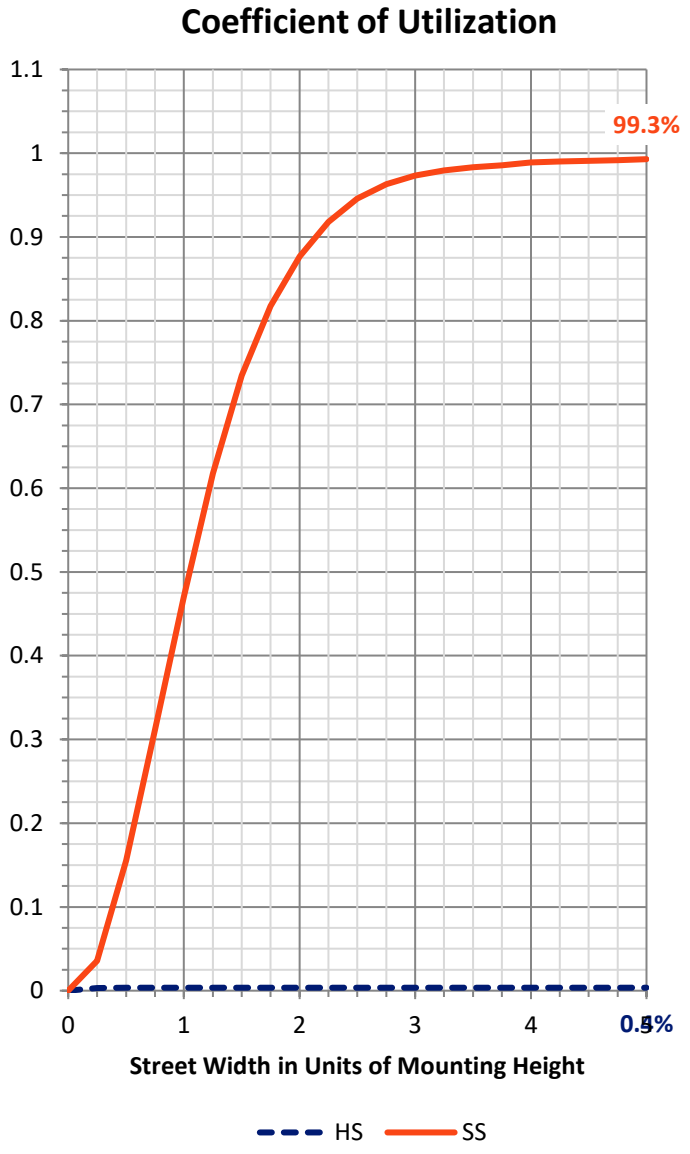
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.1	0.0	85.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23231.8	0.0	23231.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	23317.0	0.0	23317.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	0.1
10°-20°	268.0	1.1
20°-30°	966.0	4.1
30°-40°	2210.3	9.5
40°-50°	3727.9	16.0
50°-60°	6151.9	26.4
60°-70°	6875.6	29.5
70°-80°	2838.8	12.2
80°-90°	255.9	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°	23317.0	100.0
0°-180°	23317.0	100.0



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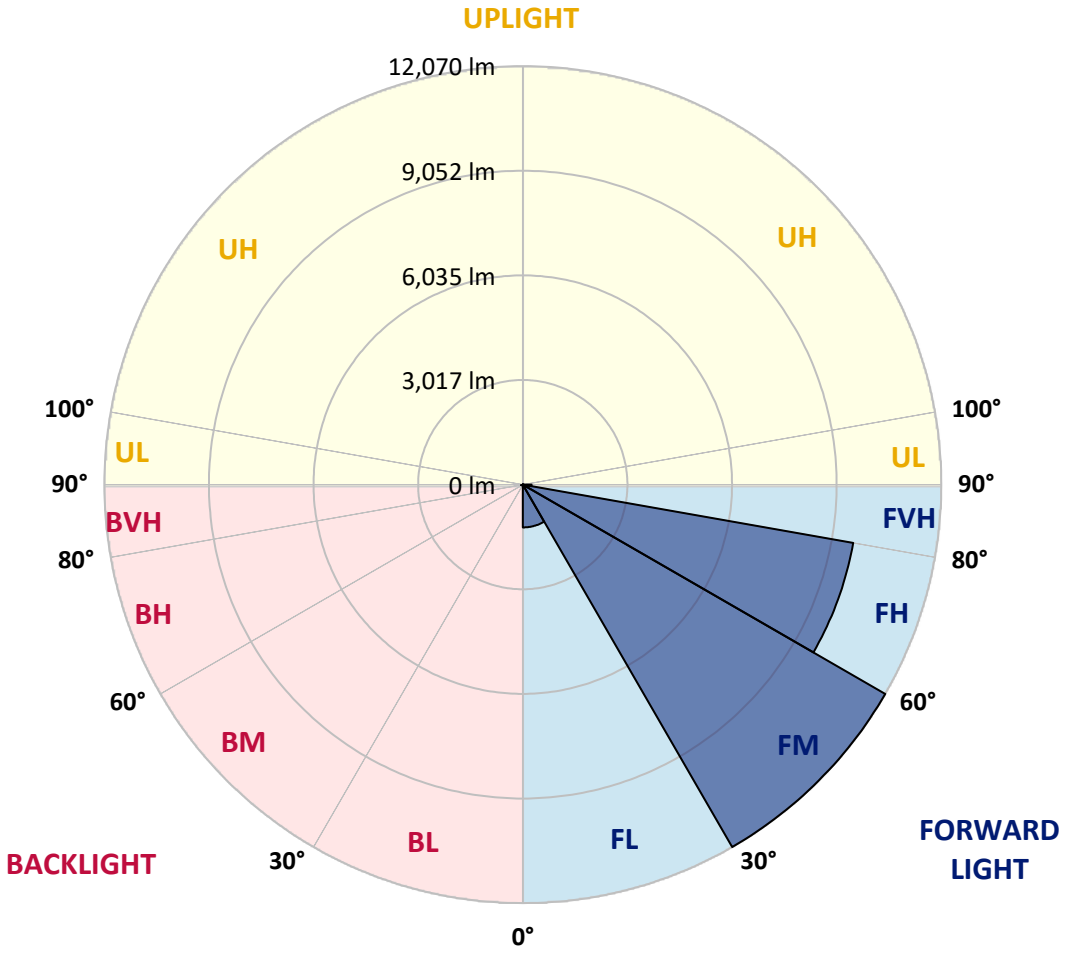
REPORT NUMBER: P1047513
CATALOG NUMBER: GALN-SA9A-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1234.2	5.3			
FM	(30°-60°)	12069.8	51.8			
FH	(60°-80°)	9675.5	41.5			G4/12000
FVH	(80°-90°)	252.4	1.1			G3/500
BL	(0°-30°)	22.2	0.1	B0/110		
BM	(30°-60°)	20.4	0.1	B0/220		
BH	(60°-80°)	39.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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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REPORT NUMBER: P1047513
CATALOG NUMBER: GALN-SA9A-930-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5
2.5°	183.0	189.0	183.0	183.0	183.0	176.9	176.9	170.8	170.8	164.7	158.6
5°	268.3	268.3	250.0	237.8	225.6	219.5	213.4	201.2	189.0	176.9	164.7
7.5°	597.6	597.6	542.8	469.6	372.0	317.1	304.9	250.0	213.4	189.0	164.7
10°	1427.0	1427.0	1305.0	1103.8	853.8	634.2	567.1	359.8	256.1	201.2	170.8
12.5°	2372.3	2402.7	2250.3	1994.2	1622.2	1238.0	1103.8	658.6	341.5	219.5	170.8
15°	3219.9	3146.7	3104.1	2860.1	2506.4	2049.0	1878.3	1109.9	494.0	250.0	170.8
17.5°	3793.2	3793.2	3732.2	3567.5	3244.3	2841.8	2701.6	1792.9	798.9	286.6	176.9
20°	4464.0	4464.0	4354.2	4238.3	3951.7	3610.2	3476.1	2549.1	1238.0	365.9	176.9
22.5°	5275.1	5287.3	5165.3	4958.0	4683.5	4305.4	4189.6	3250.4	1792.9	487.9	183.0
25°	6263.0	6275.2	6098.3	5903.2	5482.4	5073.8	4897.0	4055.4	2469.8	683.0	183.0
27.5°	7354.6	7440.0	7177.8	6842.3	6397.2	5884.9	5750.7	4781.1	3140.6	963.5	195.1
30°	8714.5	8714.5	8366.9	7897.4	7415.6	6781.4	6610.6	5543.4	3854.2	1335.5	207.3
32.5°	9885.4	9793.9	9348.8	8854.8	8342.5	7751.0	7568.0	6342.3	4586.0	1799.0	231.7
35°	10781.9	10702.6	10153.7	9623.2	9178.0	8635.3	8415.7	7208.2	5360.4	2323.5	268.3
37.5°	11550.3	11519.8	10775.8	10111.1	9818.3	9342.7	9147.5	8025.4	6122.7	2890.6	311.0
40°	12391.8	12294.3	11501.5	10678.2	10239.1	9854.9	9678.1	8684.0	6854.5	3555.3	372.0
42.5°	13111.4	12995.6	12282.1	11477.1	10727.0	10208.6	10037.9	9239.0	7568.0	4220.1	451.3
45°	13910.3	13849.3	13129.7	12519.9	11519.8	10690.4	10464.8	9684.2	8220.6	5012.8	554.9
47.5°	15111.7	15001.9	14331.1	13831.0	12672.4	11422.2	11099.0	10141.5	8848.7	5793.4	713.5
50°	16508.2	16435.0	16038.6	15642.3	14489.7	12672.4	12288.2	10800.2	9550.0	6720.4	920.9
52.5°	17648.6	17636.4	17685.2	17691.3	16819.2	14776.3	14203.0	11861.3	10355.0	7635.1	1213.6
55°	17624.2	17679.1	18215.8	18831.7	18898.8	17648.6	17093.7	13648.1	11403.9	8763.3	1622.2
57.5°	16965.6	16922.9	17490.1	18417.0	19069.5	19203.7	19112.2	16422.8	12983.4	10123.3	2250.3
58°	16752.2	16715.6	17252.2	18197.5	18947.6	19307.4	19215.9	17051.0	13337.1	10318.4	2421.0
60°	15977.7	15983.8	16300.9	17160.7	17910.8	18764.6	18850.0	18843.9	15099.5	11623.4	3280.9
62.5°	14953.1	14904.4	15197.1	15898.4	16557.0	17130.3	17276.6	18965.9	17679.1	13282.2	4921.4
65°	13538.3	13465.1	13776.2	14568.9	15276.4	15648.4	15654.5	17331.5	18892.7	15062.9	7263.1
67.5°	10909.9	10849.0	11471.0	12489.4	13581.0	14068.9	14288.4	15038.5	17868.2	16270.4	8604.8
70°	6683.8	6811.9	7677.8	9275.6	11141.7	12038.1	12367.4	12599.2	15215.4	16087.4	7196.0
72.5°	3085.8	2933.3	3671.2	4787.2	6915.5	8909.7	9251.2	10159.8	12062.5	13965.2	5366.5
75°	1439.2	1384.3	1555.1	2091.7	3134.5	4811.6	5433.6	8110.8	9251.2	9714.7	3872.4
77.5°	737.9	744.0	884.3	951.3	1292.8	2225.9	2555.2	5336.1	6781.4	5421.4	2597.9
80°	323.2	335.4	341.5	372.0	524.5	859.9	969.6	2475.9	4634.7	2762.6	1420.9
82.5°	207.3	213.4	213.4	213.4	250.0	341.5	390.3	994.0	2311.3	1372.1	439.1
85°	109.8	109.8	122.0	152.5	176.9	207.3	219.5	317.1	762.3	408.6	103.7
87.5°	61.0	67.1	73.2	91.5	115.9	140.3	152.5	219.5	292.7	280.5	24.4
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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REPORT NUMBER: P1047513
CATALOG NUMBER: GALN-SA9A-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5	152.5
2.5°	158.6	152.5	146.4	140.3	134.2	128.1	128.1	128.1	128.1	128.1	128.1
5°	152.5	146.4	140.3	128.1	115.9	109.8	103.7	97.6	97.6	97.6	97.6
7.5°	152.5	146.4	128.1	115.9	103.7	91.5	79.3	79.3	79.3	79.3	79.3
10°	152.5	140.3	122.0	103.7	85.4	73.2	67.1	61.0	61.0	61.0	61.0
12.5°	152.5	134.2	115.9	91.5	73.2	61.0	54.9	48.8	48.8	48.8	48.8
15°	152.5	134.2	109.8	85.4	67.1	48.8	42.7	36.6	36.6	36.6	36.6
17.5°	146.4	128.1	103.7	73.2	54.9	36.6	30.5	24.4	24.4	30.5	30.5
20°	140.3	122.0	91.5	61.0	42.7	30.5	18.3	18.3	18.3	18.3	18.3
22.5°	140.3	122.0	85.4	54.9	36.6	18.3	12.2	12.2	12.2	12.2	18.3
25°	140.3	115.9	73.2	42.7	24.4	12.2	6.1	6.1	6.1	6.1	6.1
27.5°	140.3	115.9	67.1	36.6	18.3	12.2	6.1	0.0	0.0	0.0	0.0
30°	134.2	109.8	61.0	30.5	12.2	6.1	0.0	0.0	0.0	0.0	0.0
32.5°	134.2	103.7	48.8	24.4	12.2	6.1	0.0	0.0	0.0	0.0	0.0
35°	140.3	97.6	42.7	18.3	6.1	0.0	0.0	0.0	0.0	0.0	6.1
37.5°	146.4	91.5	36.6	12.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	152.5	85.4	36.6	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	164.7	85.4	30.5	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	176.9	85.4	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	201.2	91.5	24.4	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	219.5	97.6	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	243.9	91.5	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	274.4	91.5	18.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	298.8	85.4	18.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*311.0*	*79.3*	*12.2*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	372.0	73.2	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	579.3	61.0	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1177.0	54.9	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2195.4	48.8	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2457.6	54.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1549.0	42.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	817.2	42.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	408.6	42.7	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	189.0	30.5	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	79.3	18.3	12.2	6.1	6.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	36.6	18.3	12.2	12.2	6.1	6.1	0.0	0.0	0.0	0.0	0.0
87.5°	18.3	18.3	18.3	12.2	12.2	6.1	6.1	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

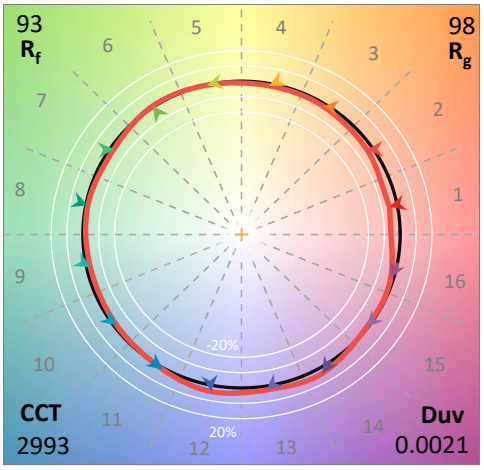
Test Information

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

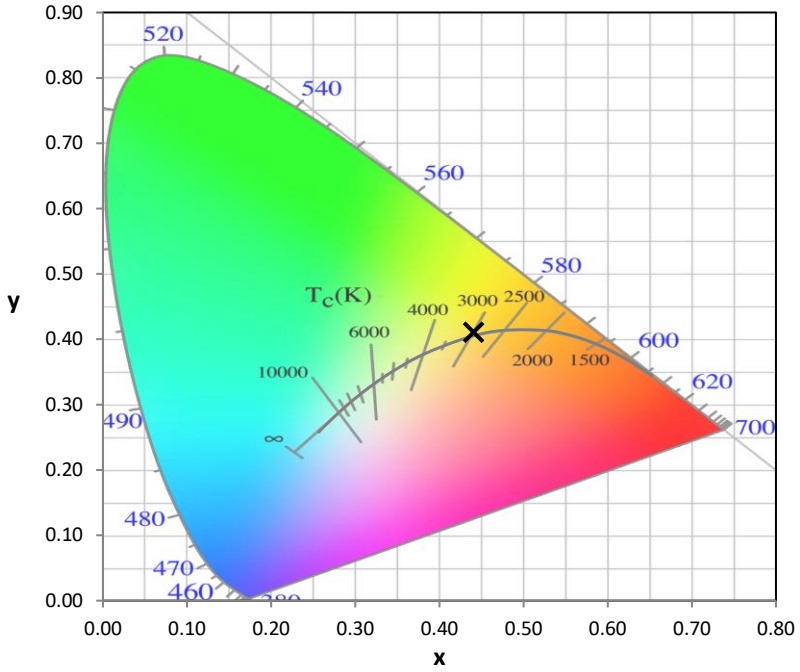
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-14

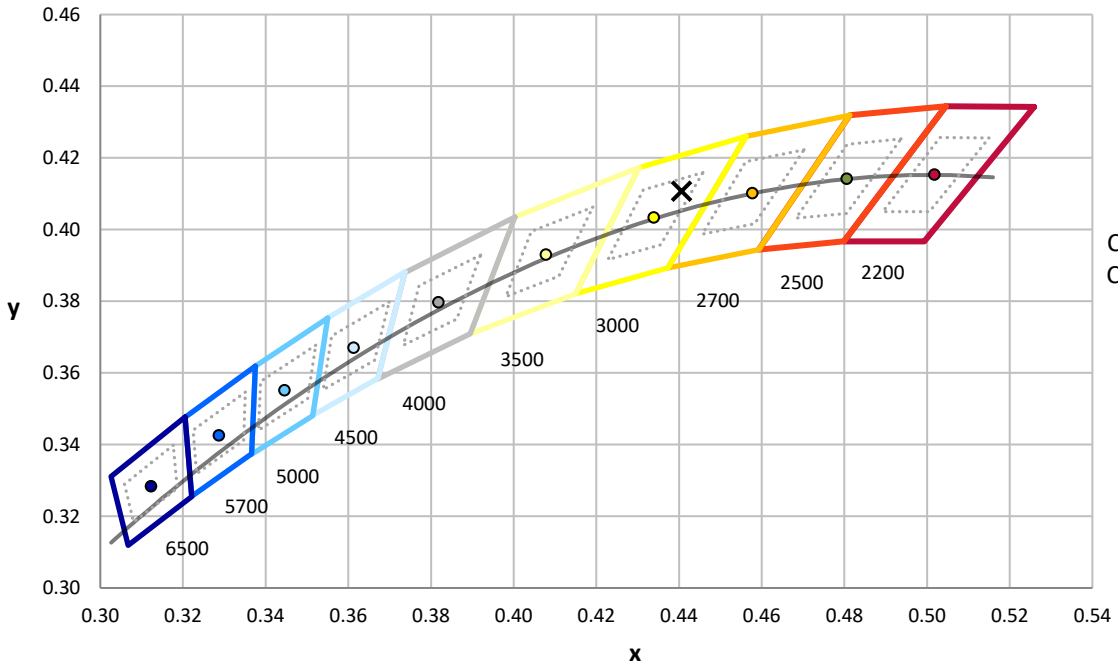
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

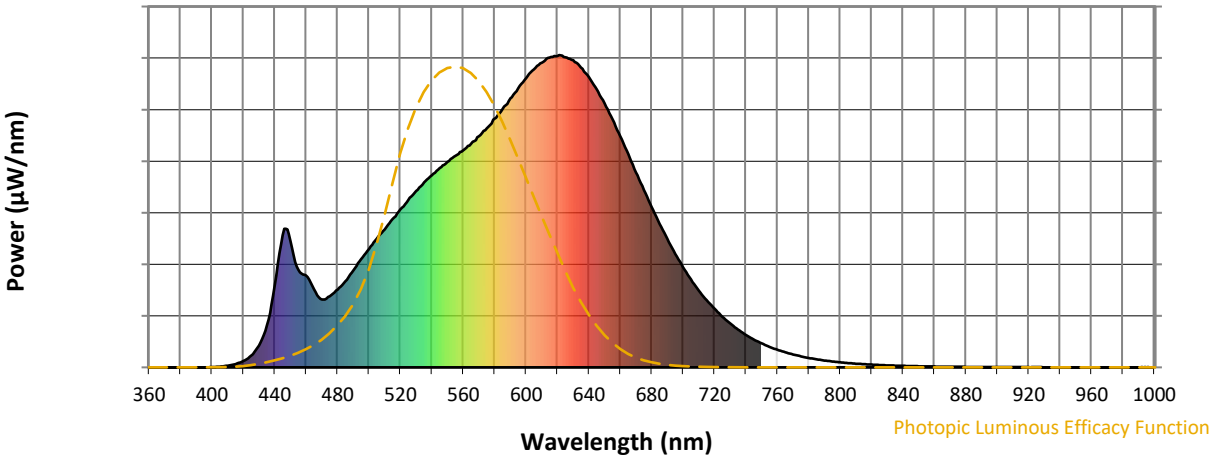


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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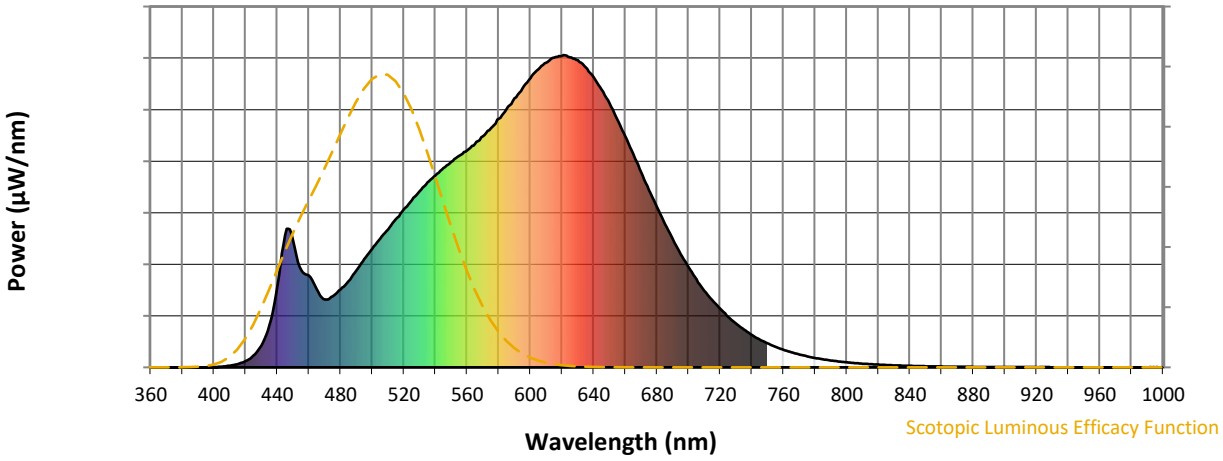
Scotopic Flux vs. Wavelength



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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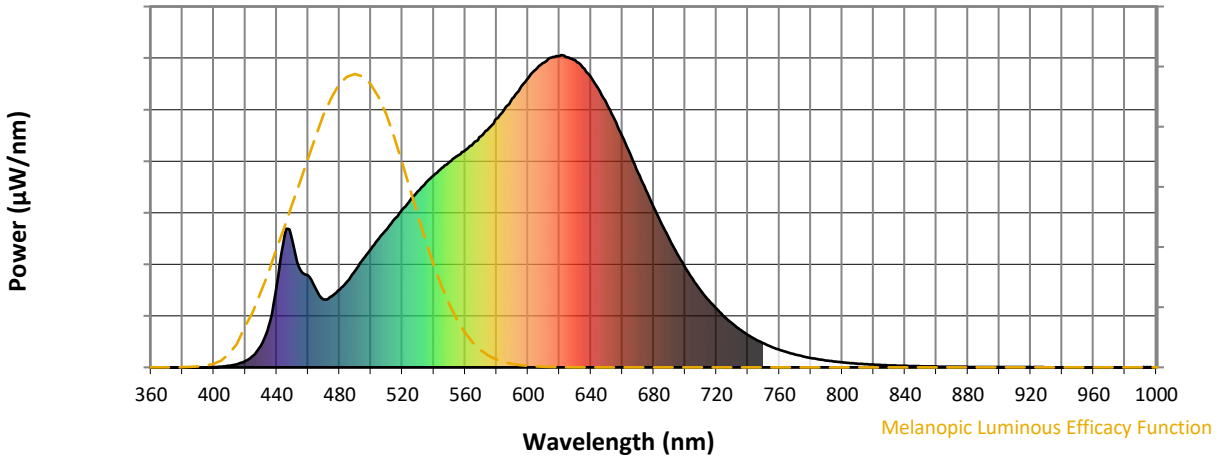
Melanopic Flux vs. Wavelength



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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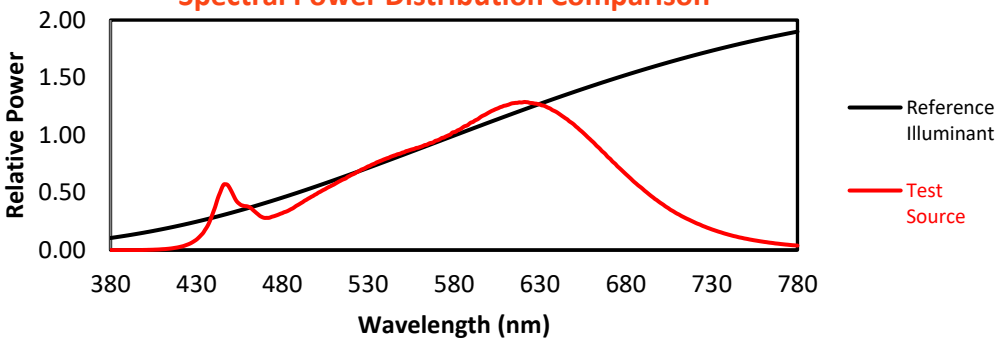
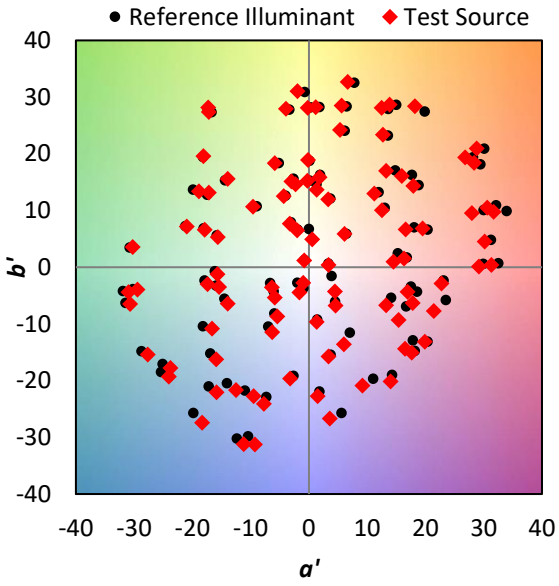
Summary

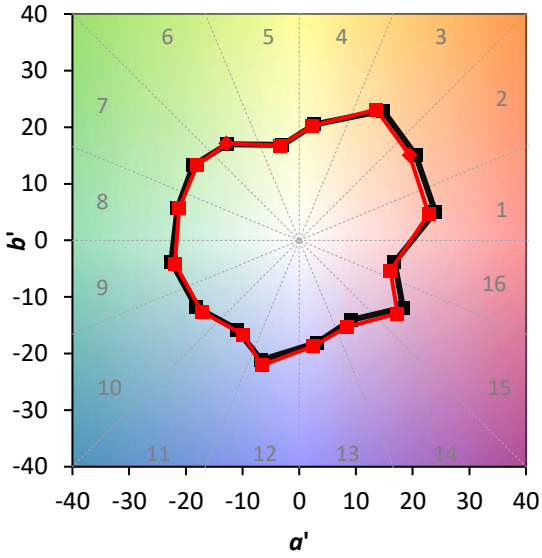
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

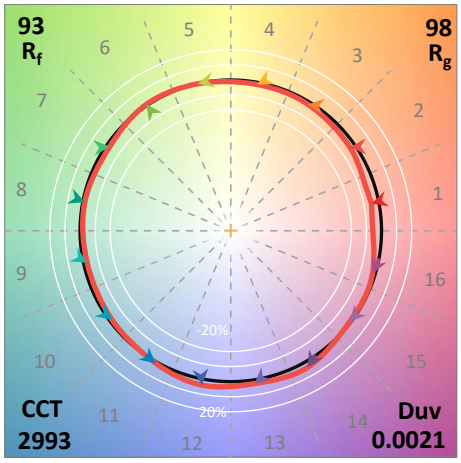
Spectral Power Distribution Comparison

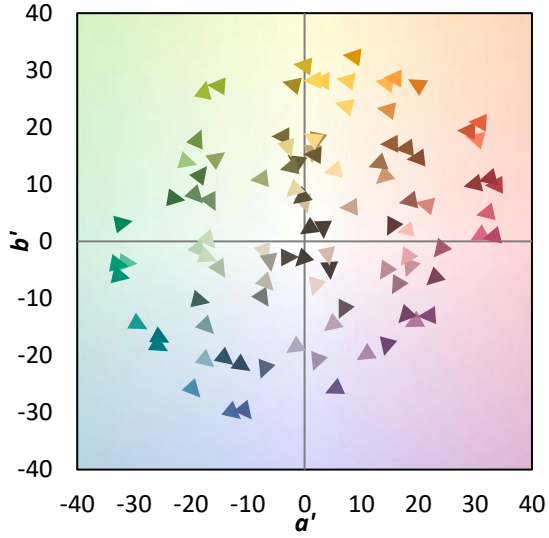


Color Vector Graphics









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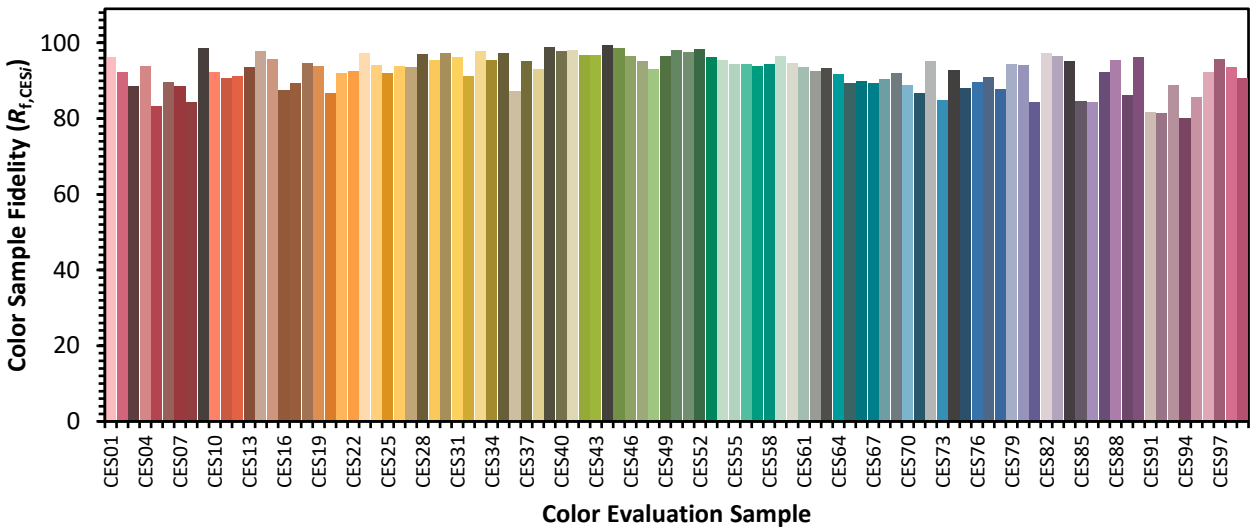
Individual Sample Fidelity Index ($R_{f,i}$)

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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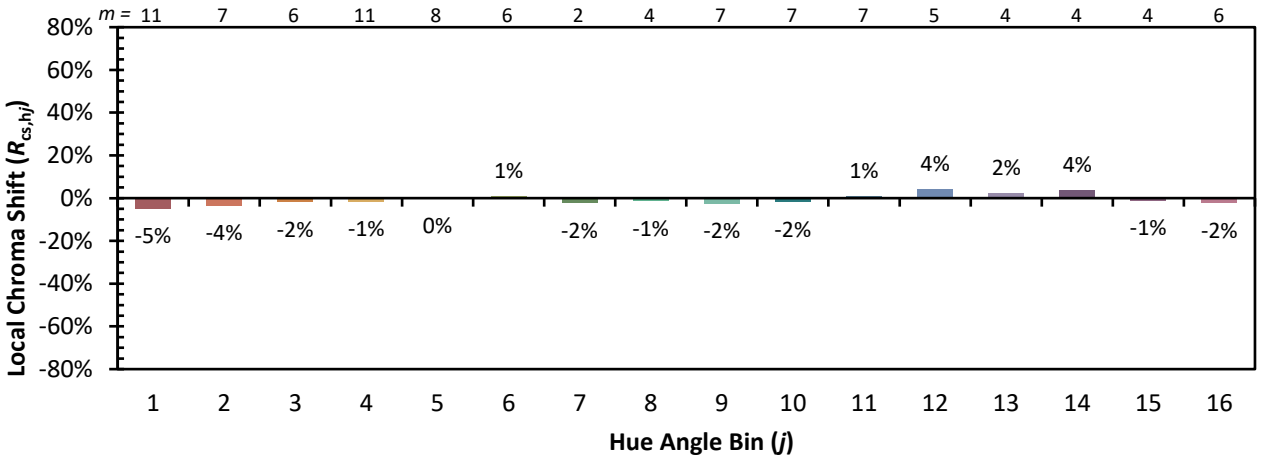
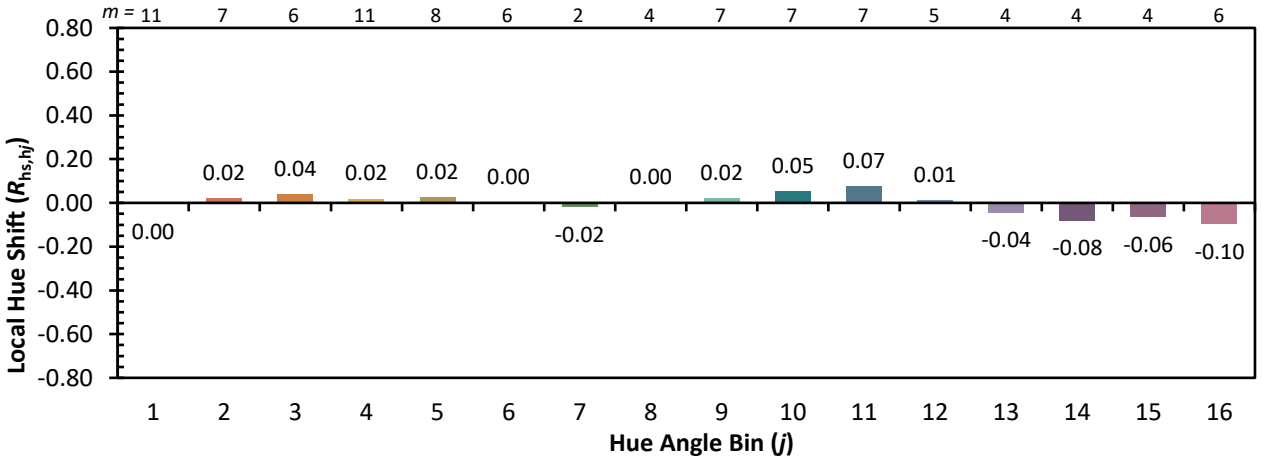
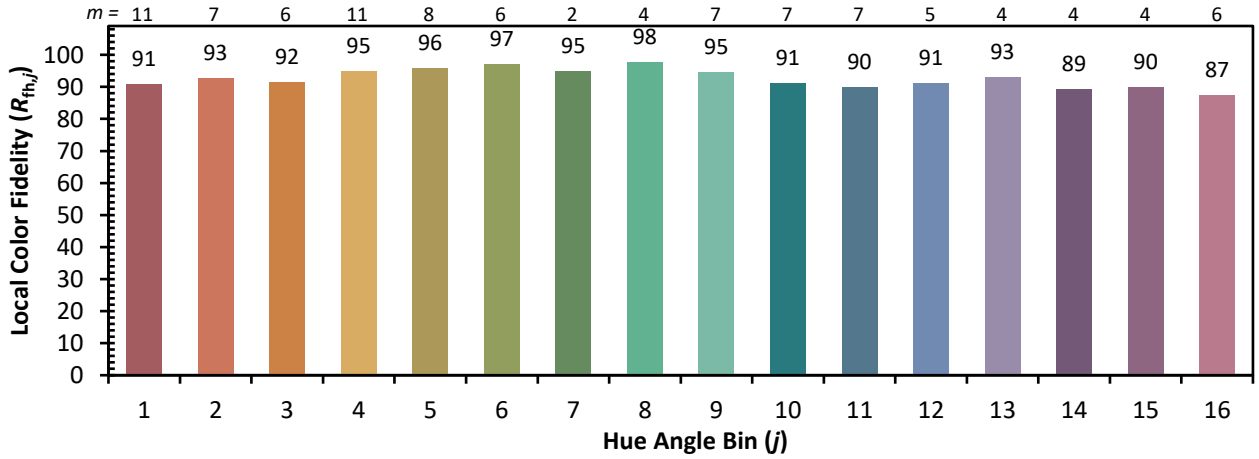
Color Rendition by Hue-Angle Bin







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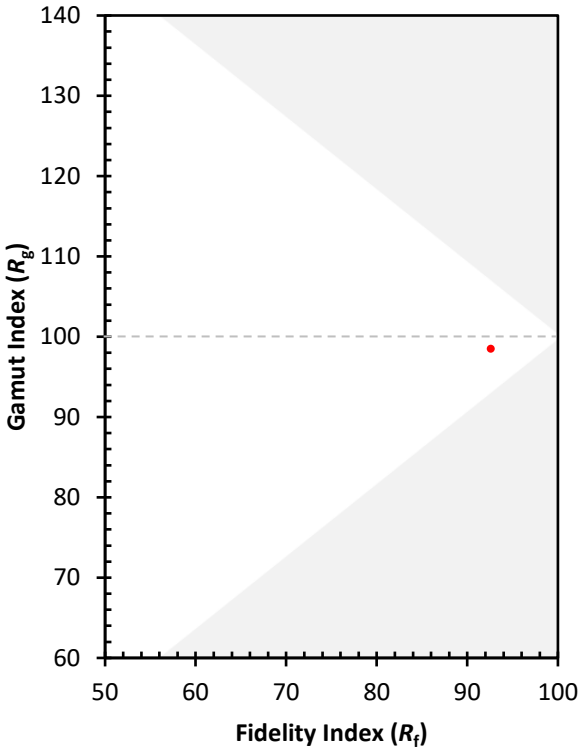
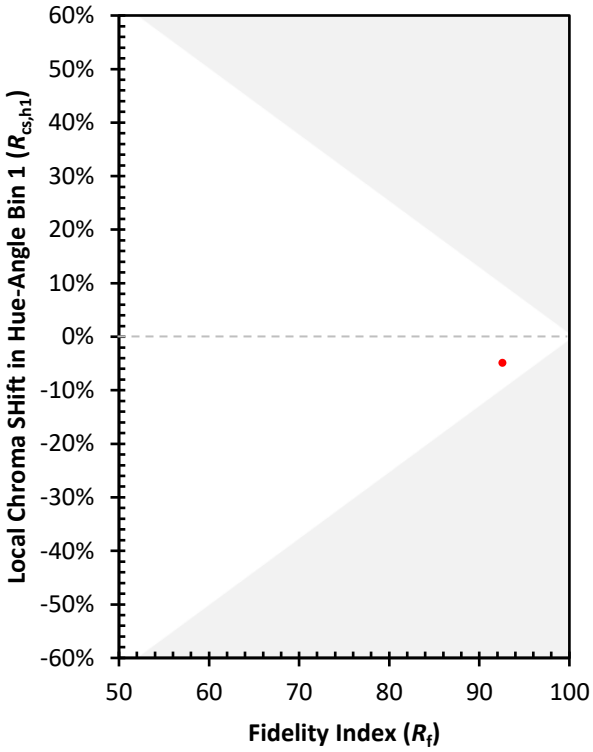
Measure Comparisons





(END OF REPORT)