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: P1047514

Luminaire Tested: **GALN-SA9B-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:	P1047514
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-930-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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:	28709.6 lumens
Efficiency:	N/A
Efficacy:	91.8 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):	312.7
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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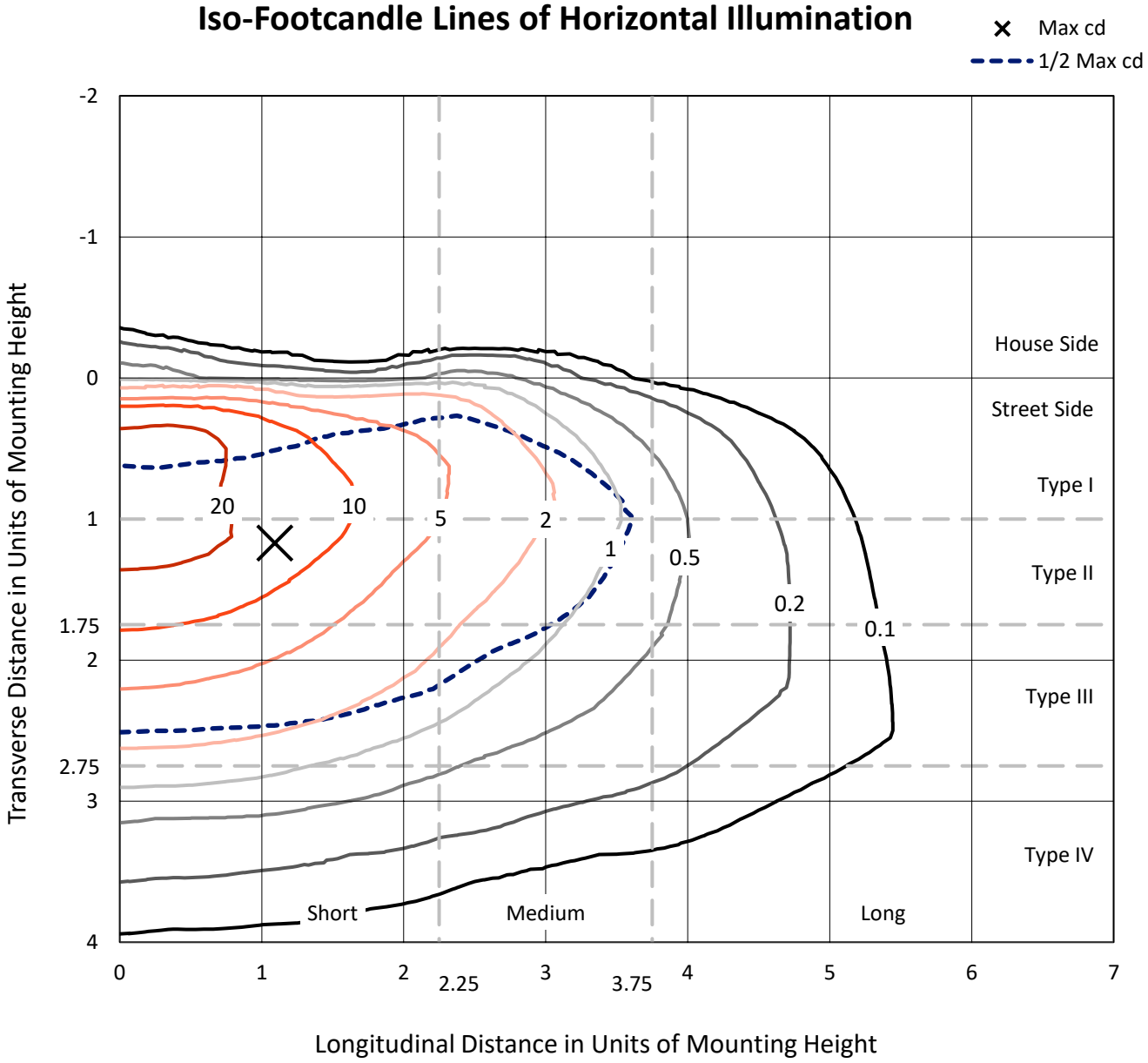
REPORT NUMBER: P1047514
CATALOG NUMBER: GALN-SA9B-930-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 32.2 fc
Type III - Short - N/A

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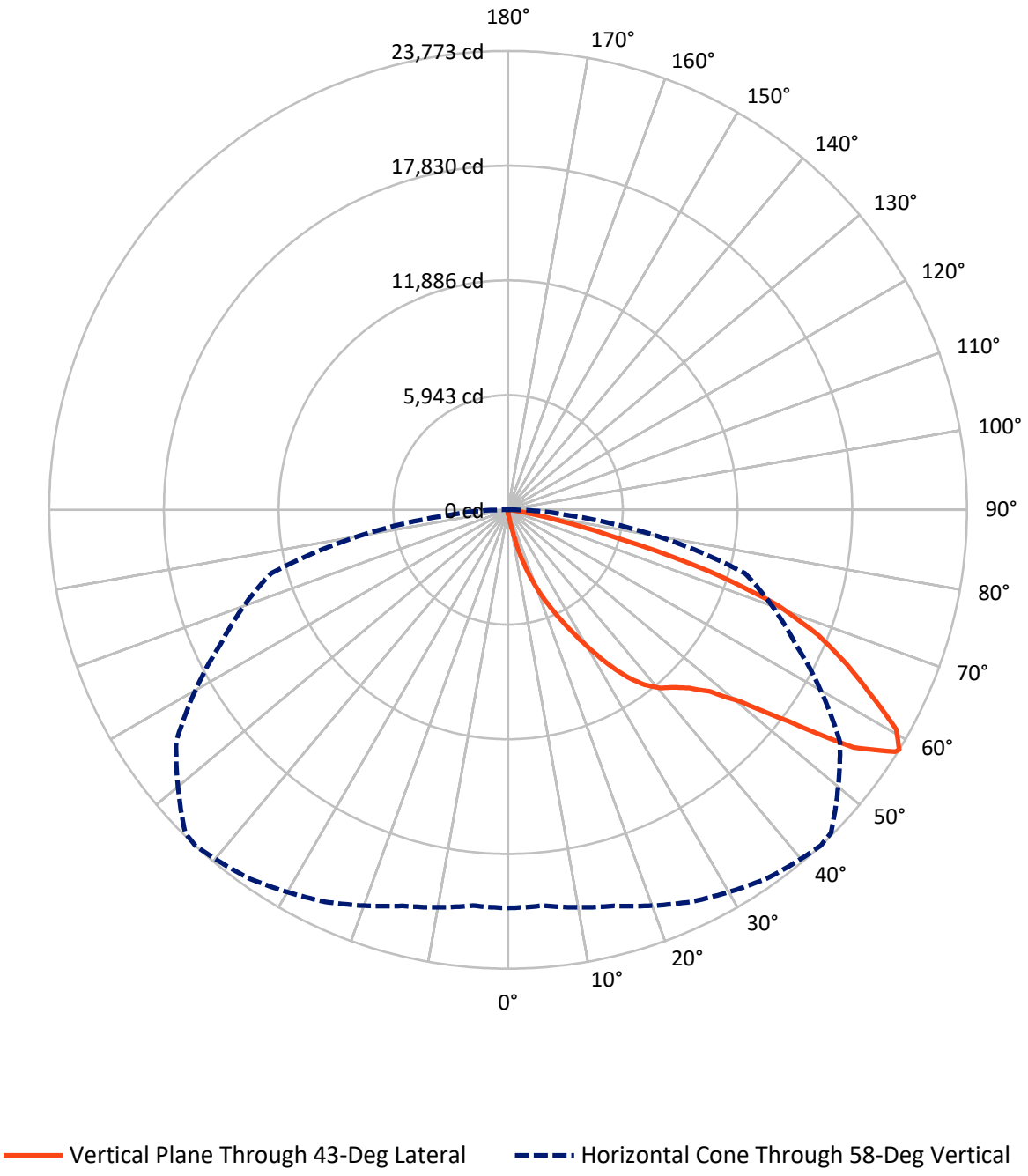
Luminous Intensity Polar Plot



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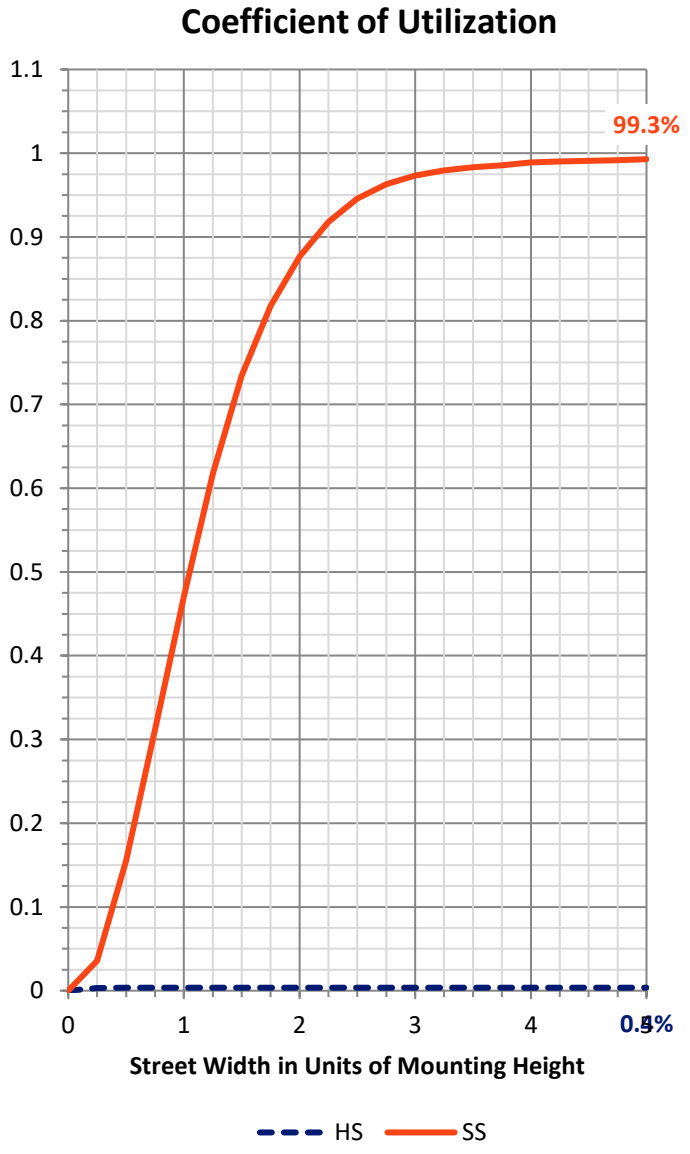
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.8	0.0	104.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28604.8	0.0	28604.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	28709.6	0.0	28709.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	0.1
10°-20°	330.0	1.1
20°-30°	1189.5	4.1
30°-40°	2721.5	9.5
40°-50°	4590.1	16.0
50°-60°	7574.7	26.4
60°-70°	8465.8	29.5
70°-80°	3495.4	12.2
80°-90°	315.1	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°	28709.6	100.0
0°-180°	28709.6	100.0



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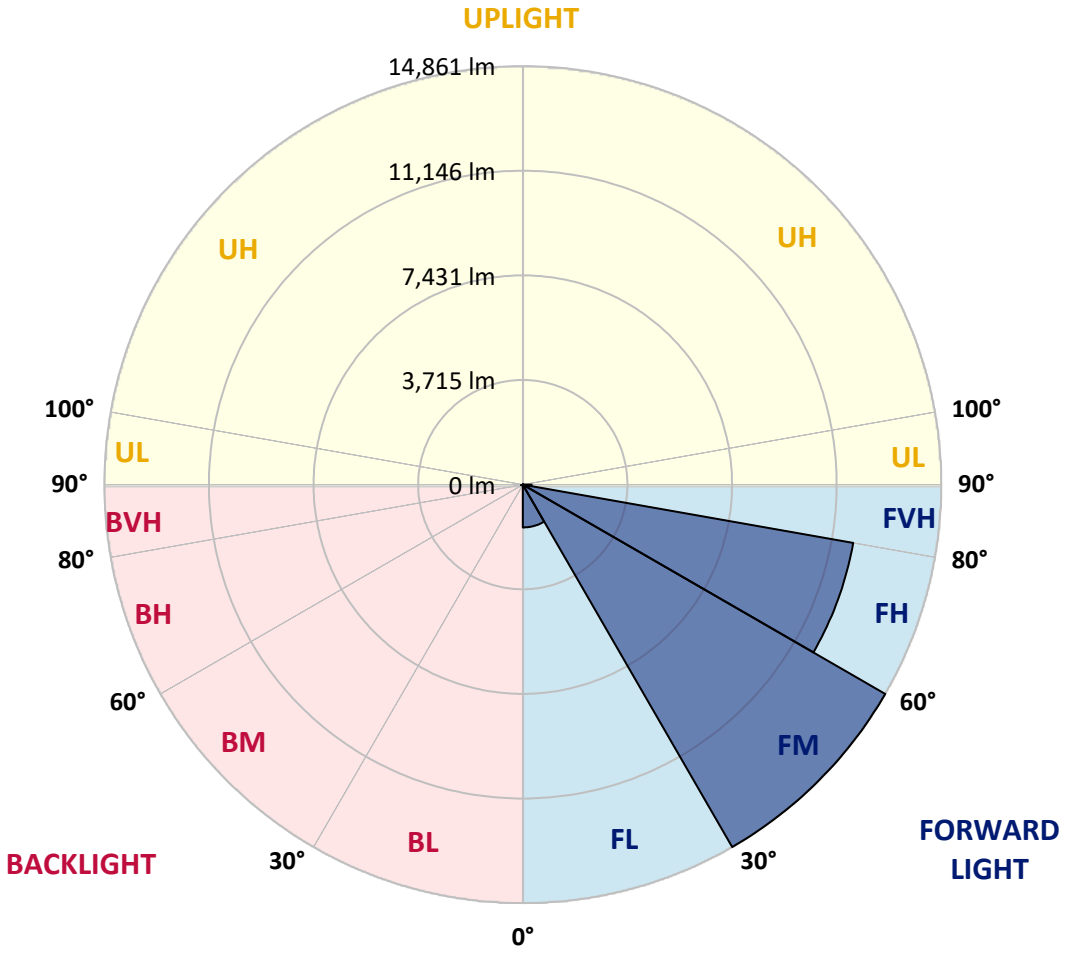
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1519.7	5.3			
FM	(30°-60°)	14861.2	51.8			
FH	(60°-80°)	11913.2	41.5			G4/12000
FVH	(80°-90°)	310.8	1.1			G3/500
BL	(0°-30°)	27.3	0.1	B0/110		
BM	(30°-60°)	25.1	0.1	B0/220		
BH	(60°-80°)	48.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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°	187.7	187.7	187.7	187.7	187.7	*187.7*	187.7	187.7	187.7	187.7	187.7
2.5°	225.3	232.8	225.3	225.3	225.3	*217.8*	217.8	210.2	210.2	202.7	195.2
5°	330.4	330.4	307.9	292.8	277.8	*270.3*	262.8	247.8	232.8	217.8	202.7
7.5°	735.9	735.9	668.3	578.2	458.0	*390.5*	375.4	307.9	262.8	232.8	202.7
10°	1757.0	1757.0	1606.9	1359.1	1051.2	*780.9*	698.3	443.0	315.4	247.8	210.2
12.5°	2920.9	2958.4	2770.7	2455.4	1997.3	*1524.3*	1359.1	810.9	420.5	270.3	210.2
15°	3964.6	3874.5	3821.9	3521.6	3086.1	*2522.9*	2312.7	1366.6	608.2	307.9	210.2
17.5°	4670.4	4670.4	4595.4	4392.6	3994.7	*3499.1*	3326.4	2207.6	983.6	352.9	217.8
20°	5496.4	5496.4	5361.2	5218.6	4865.7	*4445.2*	4280.0	3138.7	1524.3	450.5	217.8
22.5°	6495.1	6510.1	6359.9	6104.6	5766.7	*5301.2*	5158.5	4002.2	2207.6	600.7	225.3
25°	7711.5	7726.5	7508.7	7268.5	6750.4	*6247.3*	6029.5	4993.3	3041.0	841.0	225.3
27.5°	9055.5	9160.7	8837.8	8424.8	7876.7	*7245.9*	7080.7	5886.9	3867.0	1186.4	240.3
30°	10730.0	10730.0	10302.0	9723.8	9130.6	*8349.7*	8139.5	6825.4	4745.5	1644.4	255.3
32.5°	12171.7	12059.0	11510.9	10902.7	10272.0	*9543.6*	9318.3	7809.1	5646.6	2215.1	285.3
35°	13275.5	13177.8	12502.1	11848.8	11300.7	*10632.4*	10362.1	8875.3	6600.2	2860.8	330.4
37.5°	14221.6	14184.0	13267.9	12449.5	12089.1	*11503.4*	11263.1	9881.5	7538.8	3559.1	382.9
40°	15257.8	15137.6	14161.5	13147.8	12607.2	*12134.1*	11916.4	10692.4	8439.8	4377.6	458.0
42.5°	16143.8	16001.1	15122.6	14131.5	13207.9	*12569.6*	12359.4	11375.7	9318.3	5196.0	555.6
45°	17127.4	17052.4	16166.3	15415.4	14184.0	*13162.8*	12885.0	11923.9	10121.8	6172.2	683.3
47.5°	18606.7	18471.5	17645.5	17029.8	15603.2	*14063.9*	13665.9	12487.0	10895.2	7133.3	878.5
50°	20326.2	20236.1	19748.0	19259.9	17840.8	*15603.2*	15130.1	13298.0	11758.7	8274.6	1133.8
52.5°	21730.3	21715.3	21775.4	21782.9	20709.1	*18193.7*	17487.9	14604.5	12749.8	9400.9	1494.2
55°	21700.3	21767.8	22428.6	23187.0	23269.6	*21730.3*	21047.0	16804.6	14041.3	10790.1	1997.3
57.5°	20889.3	20836.8	21535.1	22676.4	23479.8	*23645.0*	23532.4	20221.0	15986.1	12464.5	2770.7
58°	*20626.5*	*20581.5*	*21242.2*	*22406.1*	*23329.7*	*23772.7*	*23660.0*	*20994.4*	*16421.6*	*12704.8*	*2981.0*
60°	19672.9	19680.4	20070.9	21129.6	22053.2	*23104.4*	23209.5	23202.0	18591.6	14311.7	4039.7
62.5°	18411.4	18351.4	18711.8	19575.3	20386.2	*21092.1*	21272.3	23352.2	21767.8	16354.0	6059.6
65°	16669.4	16579.3	16962.2	17938.4	18809.4	*19267.4*	19274.9	21339.8	23262.1	18546.6	8942.9
67.5°	13433.1	13358.1	14123.9	15377.9	16722.0	*17322.7*	17593.0	18516.6	22000.6	20033.3	10594.8
70°	8229.6	8387.3	9453.5	11420.8	13718.5	*14822.3*	15227.7	15513.1	18734.3	19808.1	8860.3
72.5°	3799.4	3611.7	4520.3	5894.4	8514.9	*10970.3*	11390.8	12509.6	14852.3	17195.0	6607.7
75°	1772.1	1704.5	1914.7	2575.5	3859.5	*5924.4*	6690.3	9986.6	11390.8	11961.4	4768.1
77.5°	908.6	916.1	1088.8	1171.4	1591.9	*2740.7*	3146.2	6570.1	8349.7	6675.3	3198.7
80°	398.0	413.0	420.5	458.0	645.8	*1058.7*	1193.9	3048.5	5706.6	3401.5	1749.5
82.5°	255.3	262.8	262.8	262.8	307.9	*420.5*	480.6	1223.9	2845.8	1689.5	540.6
85°	135.2	135.2	150.2	187.7	217.8	*255.3*	270.3	390.5	938.6	503.1	127.6
87.5°	75.1	82.6	90.1	112.6	142.7	*172.7*	187.7	270.3	360.4	345.4	30.0
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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CATALOG NUMBER: GALN-SA9B-930-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7	187.7
2.5°	195.2	187.7	180.2	172.7	165.2	157.7	157.7	157.7	157.7	157.7	157.7
5°	187.7	180.2	172.7	157.7	142.7	135.2	127.6	120.1	120.1	120.1	120.1
7.5°	187.7	180.2	157.7	142.7	127.6	112.6	97.6	97.6	97.6	97.6	97.6
10°	187.7	172.7	150.2	127.6	105.1	90.1	82.6	75.1	75.1	75.1	75.1
12.5°	187.7	165.2	142.7	112.6	90.1	75.1	67.6	60.1	60.1	60.1	60.1
15°	187.7	165.2	135.2	105.1	82.6	60.1	52.6	45.1	45.1	45.1	45.1
17.5°	180.2	157.7	127.6	90.1	67.6	45.1	37.5	30.0	30.0	37.5	37.5
20°	172.7	150.2	112.6	75.1	52.6	37.5	22.5	22.5	22.5	22.5	22.5
22.5°	172.7	150.2	105.1	67.6	45.1	22.5	15.0	15.0	15.0	15.0	22.5
25°	172.7	142.7	90.1	52.6	30.0	15.0	7.5	7.5	7.5	7.5	7.5
27.5°	172.7	142.7	82.6	45.1	22.5	15.0	7.5	0.0	0.0	0.0	0.0
30°	165.2	135.2	75.1	37.5	15.0	7.5	0.0	0.0	0.0	0.0	0.0
32.5°	165.2	127.6	60.1	30.0	15.0	7.5	0.0	0.0	0.0	0.0	0.0
35°	172.7	120.1	52.6	22.5	7.5	0.0	0.0	0.0	0.0	0.0	7.5
37.5°	180.2	112.6	45.1	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	187.7	105.1	45.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	202.7	105.1	37.5	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	217.8	105.1	30.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	247.8	112.6	30.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	270.3	120.1	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	300.3	112.6	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	337.9	112.6	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	367.9	105.1	22.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*382.9*	*97.6*	*15.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	458.0	90.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	713.3	75.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1449.2	67.6	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2703.1	60.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3026.0	67.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1907.2	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1006.2	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	503.1	52.6	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	232.8	37.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	97.6	22.5	15.0	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	45.1	22.5	15.0	15.0	7.5	7.5	0.0	0.0	0.0	0.0	0.0
87.5°	22.5	22.5	22.5	15.0	15.0	7.5	7.5	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

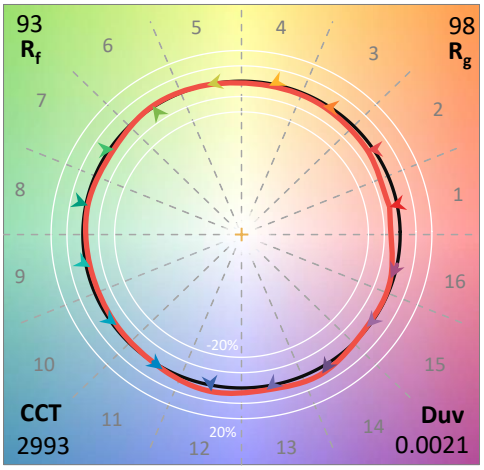
Test Information

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

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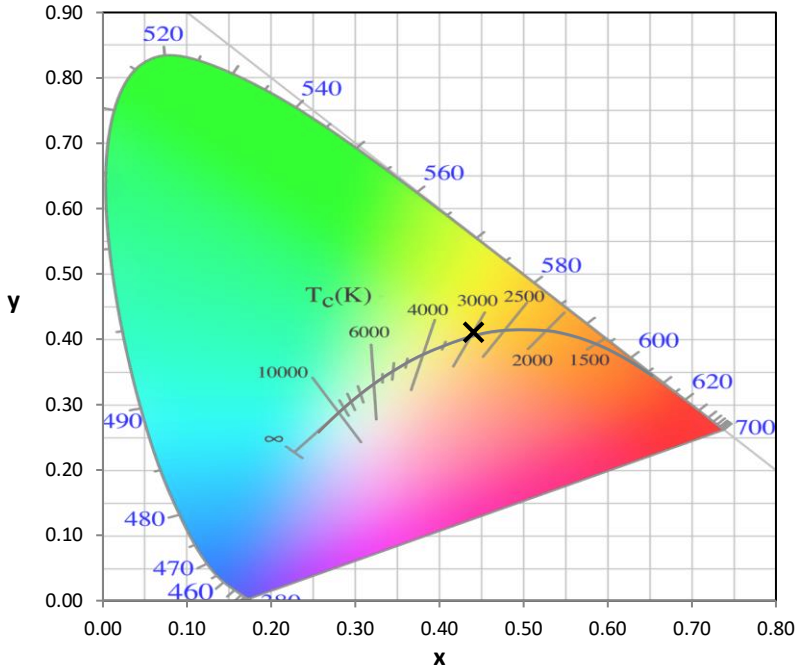
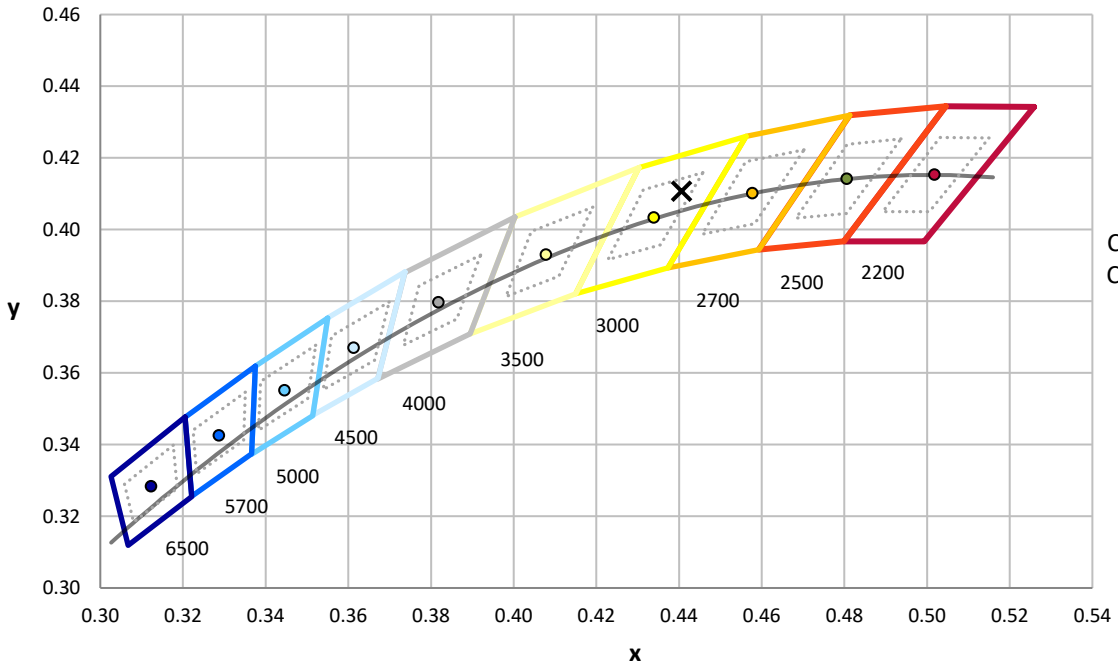
CIE 1931 Chromaticity Diagram



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

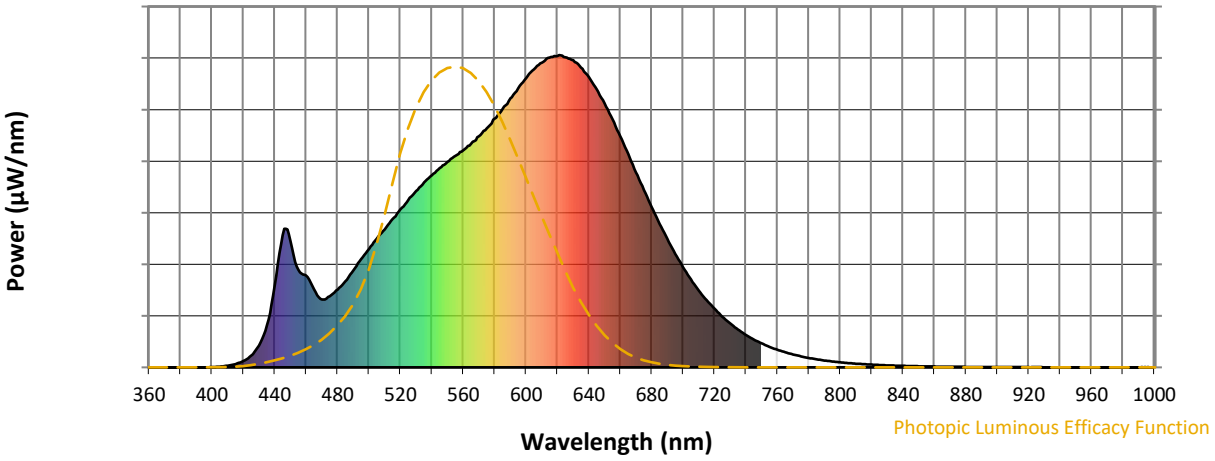


CCT = 2993K
CIE x = 0.4406
CIE y = 0.4107
Duv = 0.0021

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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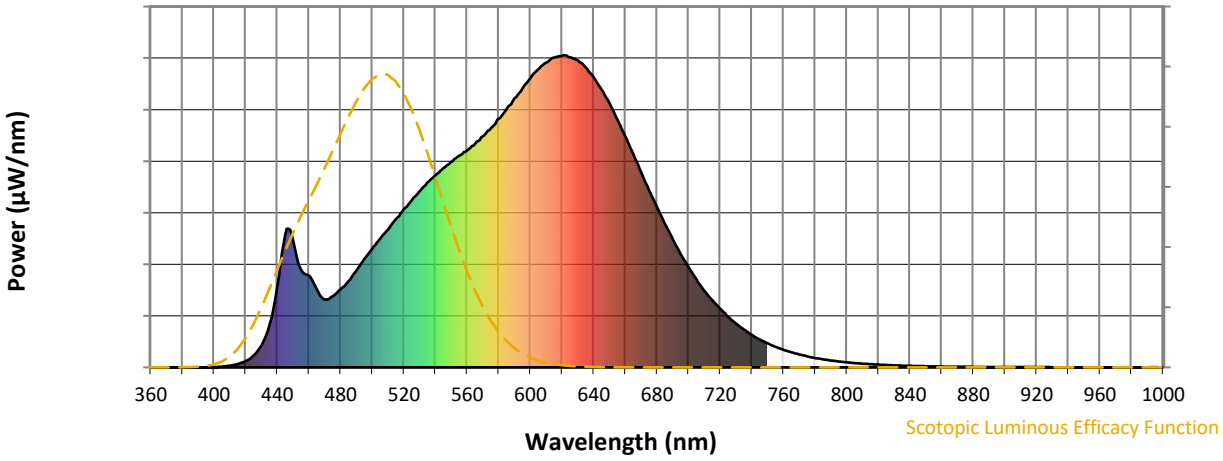
Scotopic Flux vs. Wavelength



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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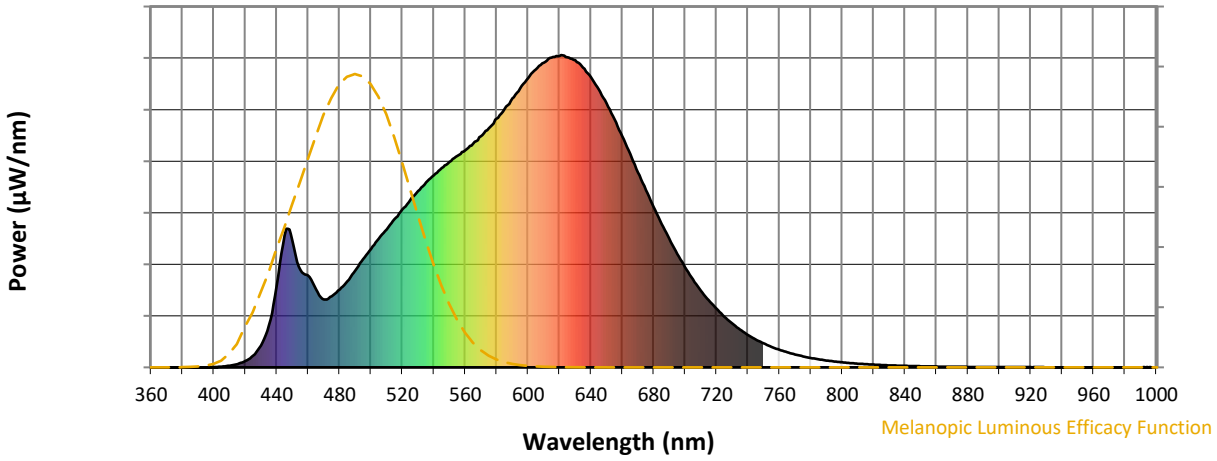
Melanopic Flux vs. Wavelength



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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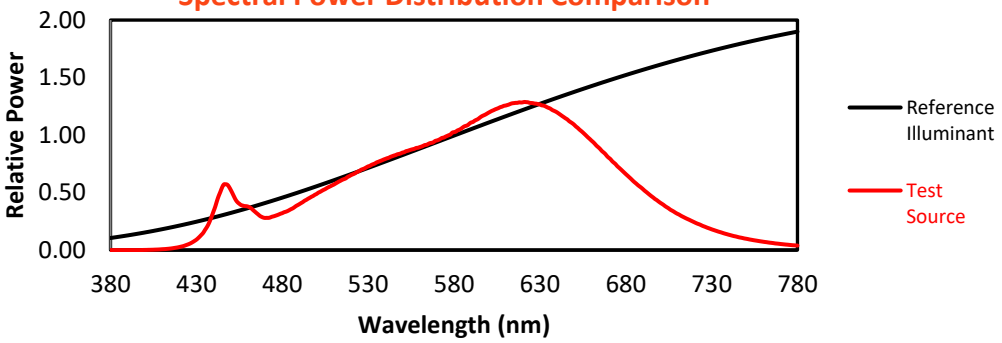
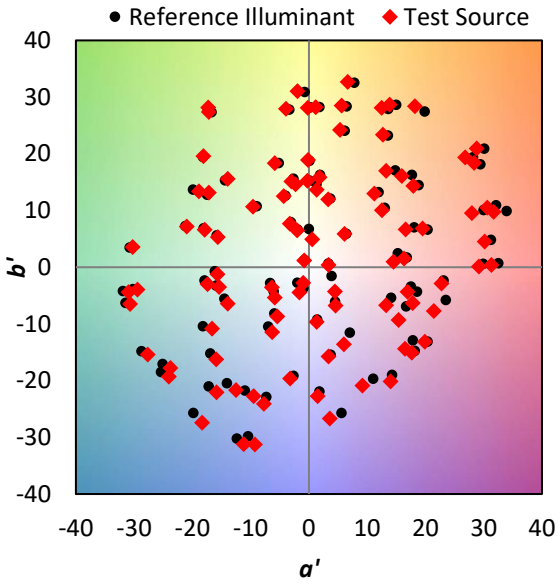
Summary

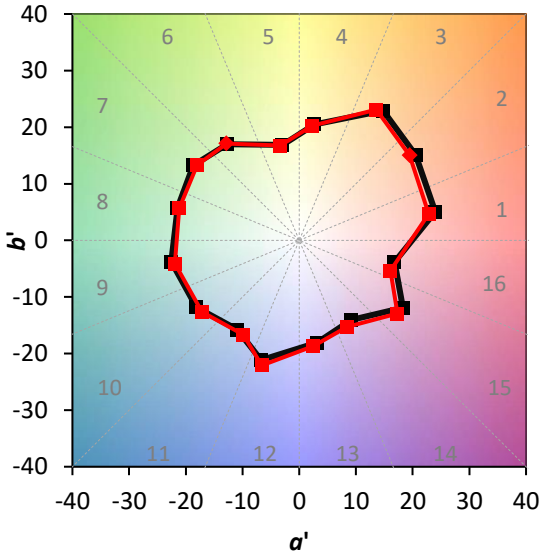
R_f = 92.6
R_g = 98.5
CIE R_a = 92.4
R_9 = 58.2

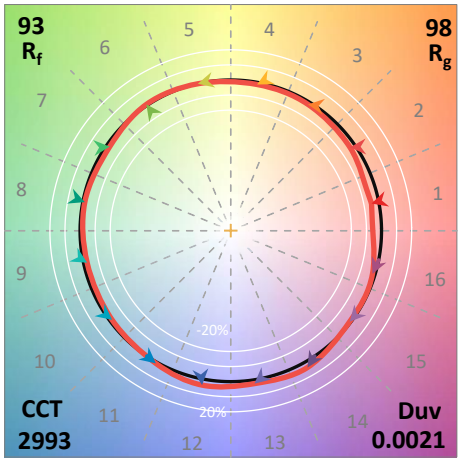
Spectral Power Distribution Comparison

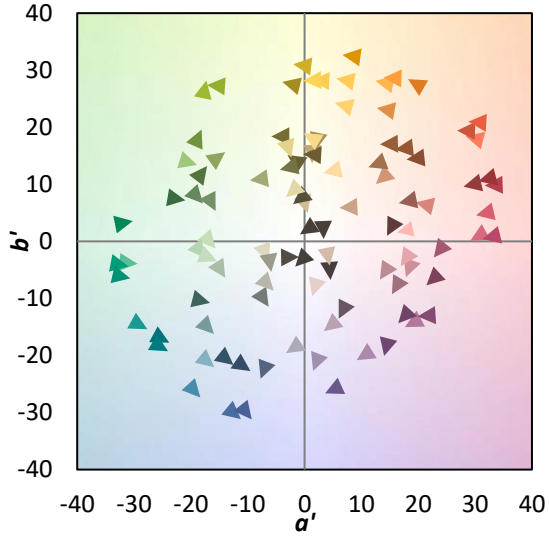


Color Vector Graphics









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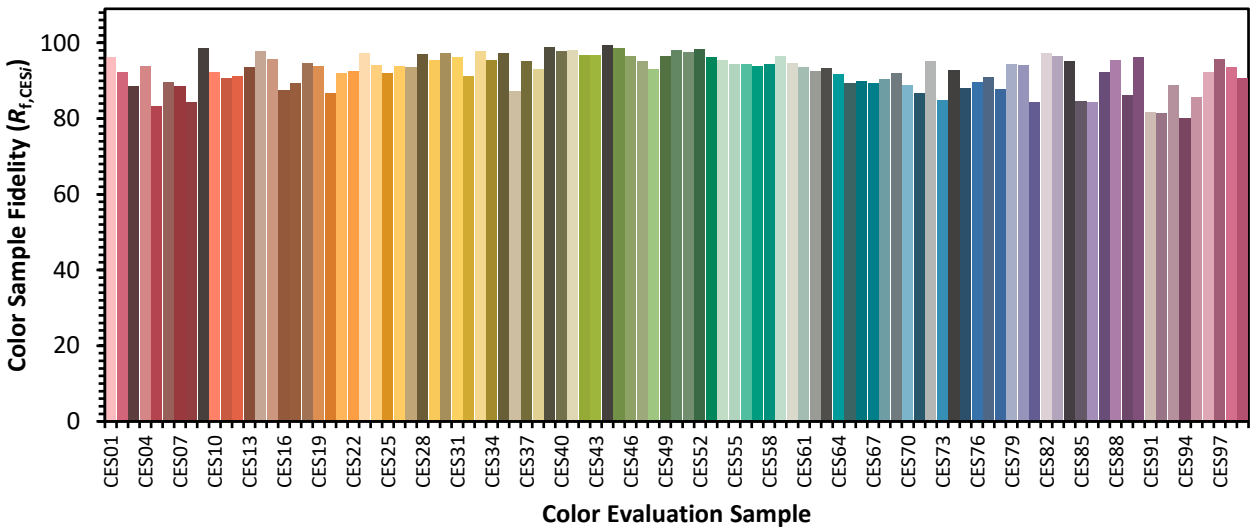
Individual Sample Fidelity Index ($R_{f,i}$)

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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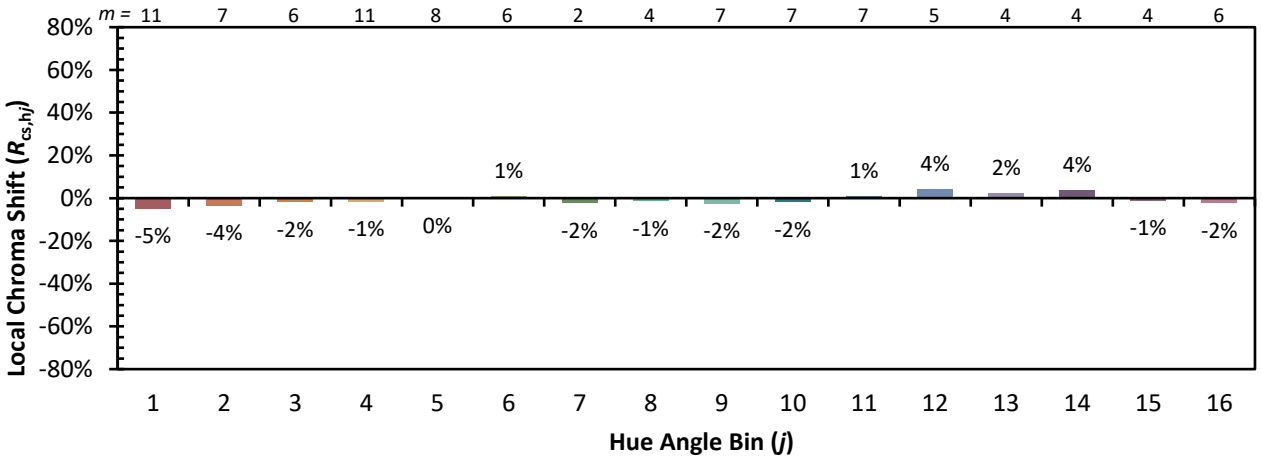
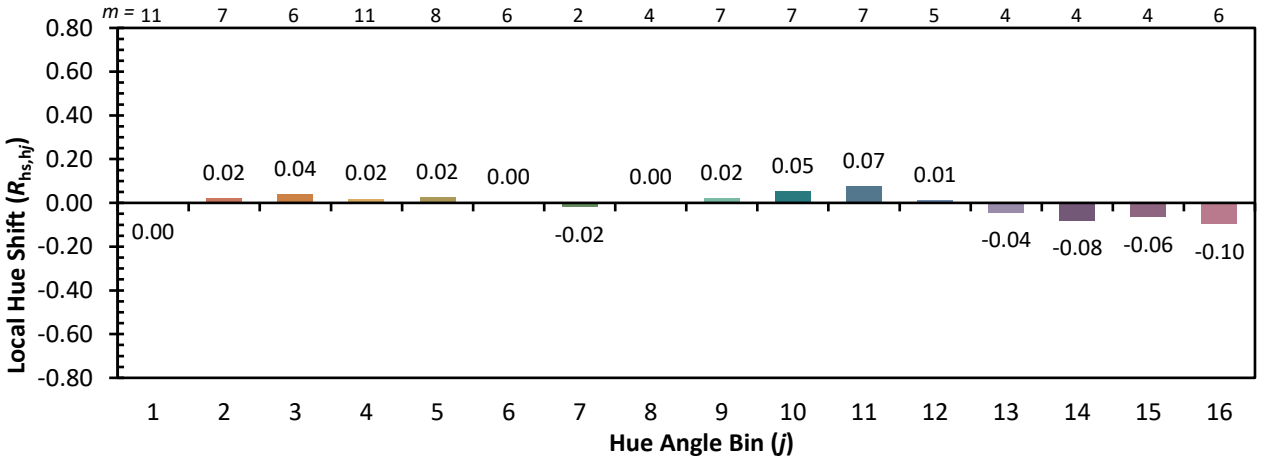
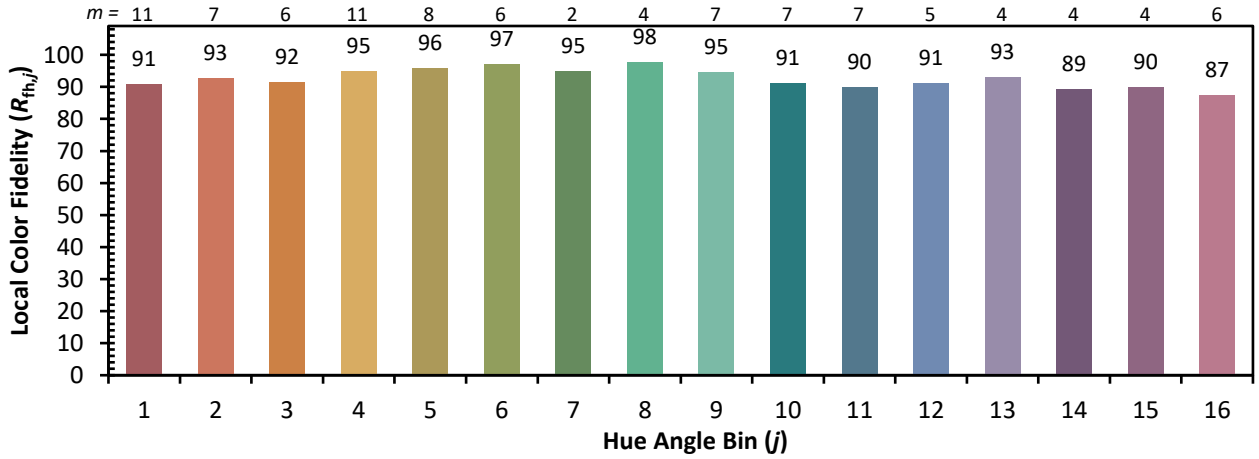
Color Rendition by Hue-Angle Bin







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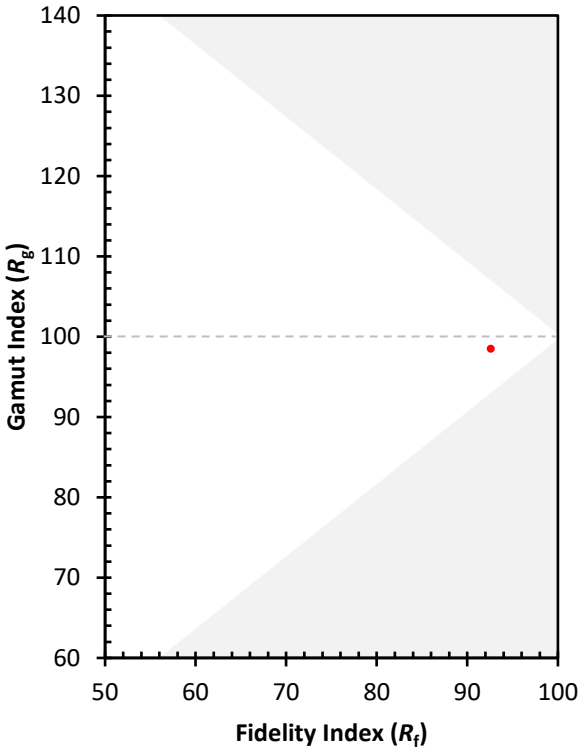
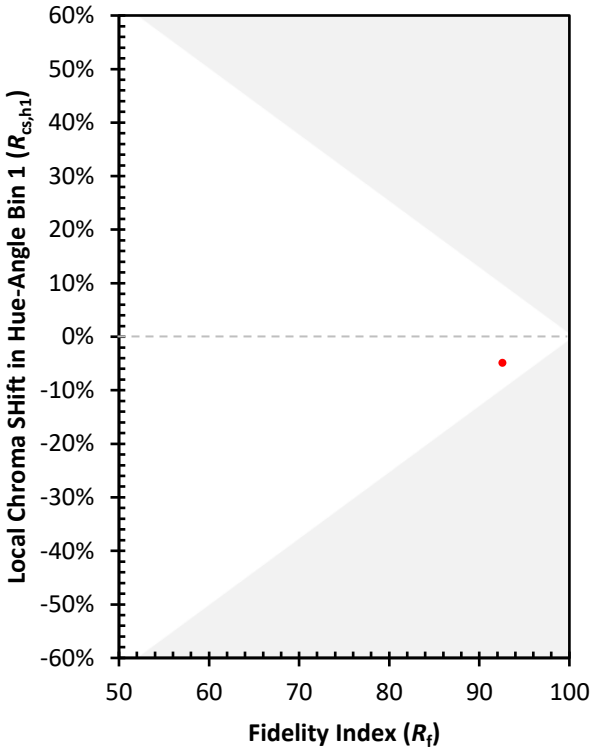
Measure Comparisons





(END OF REPORT)