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: P1047617

Luminaire Tested: **GALN-SA8A-950-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:	P1047617
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8A-950-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(112) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23695.3 lumens
Efficiency:	N/A
Efficacy:	108.9 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):	217.6
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: P1047617
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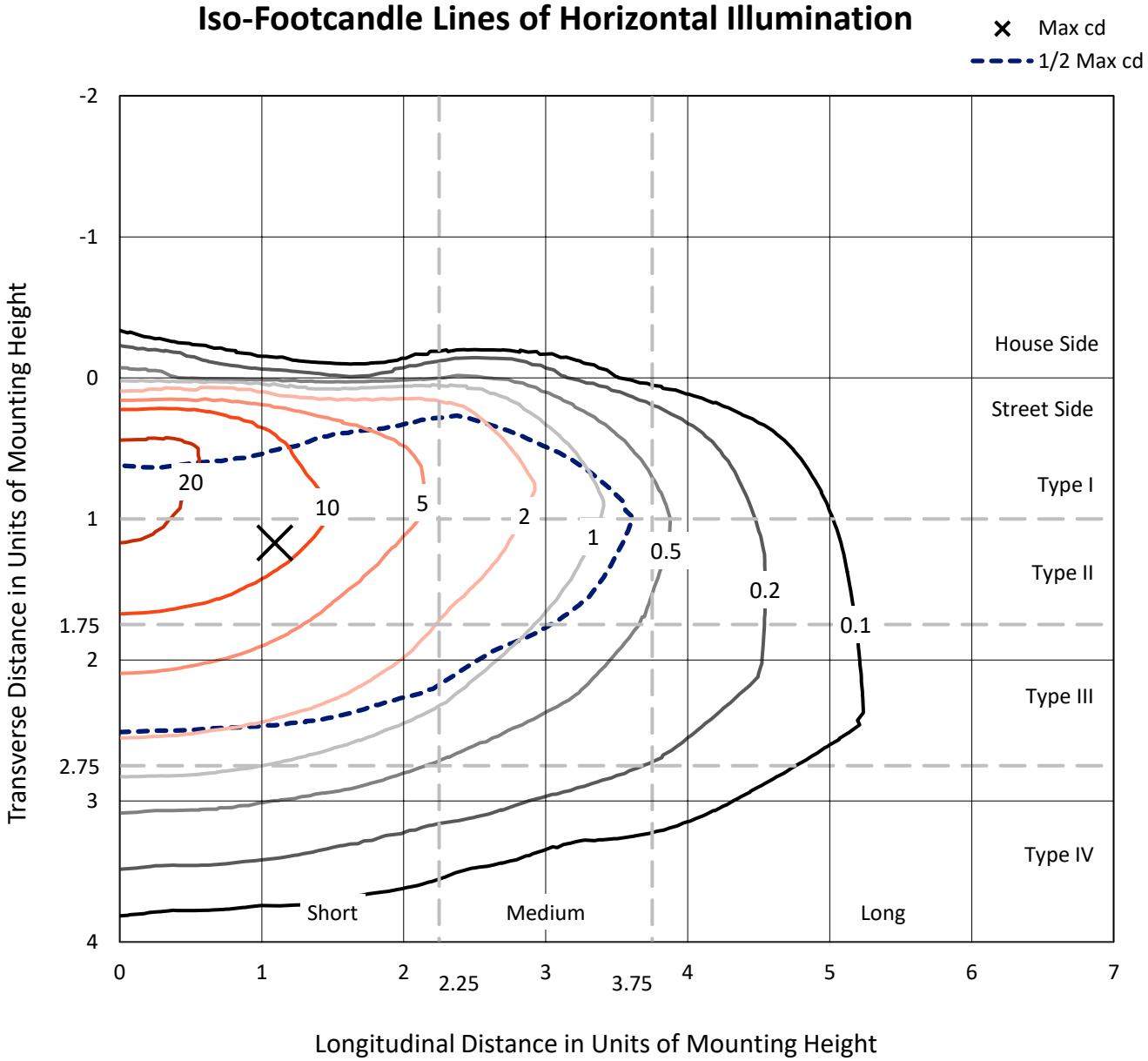
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.6 fc
Type III - Short - N/A

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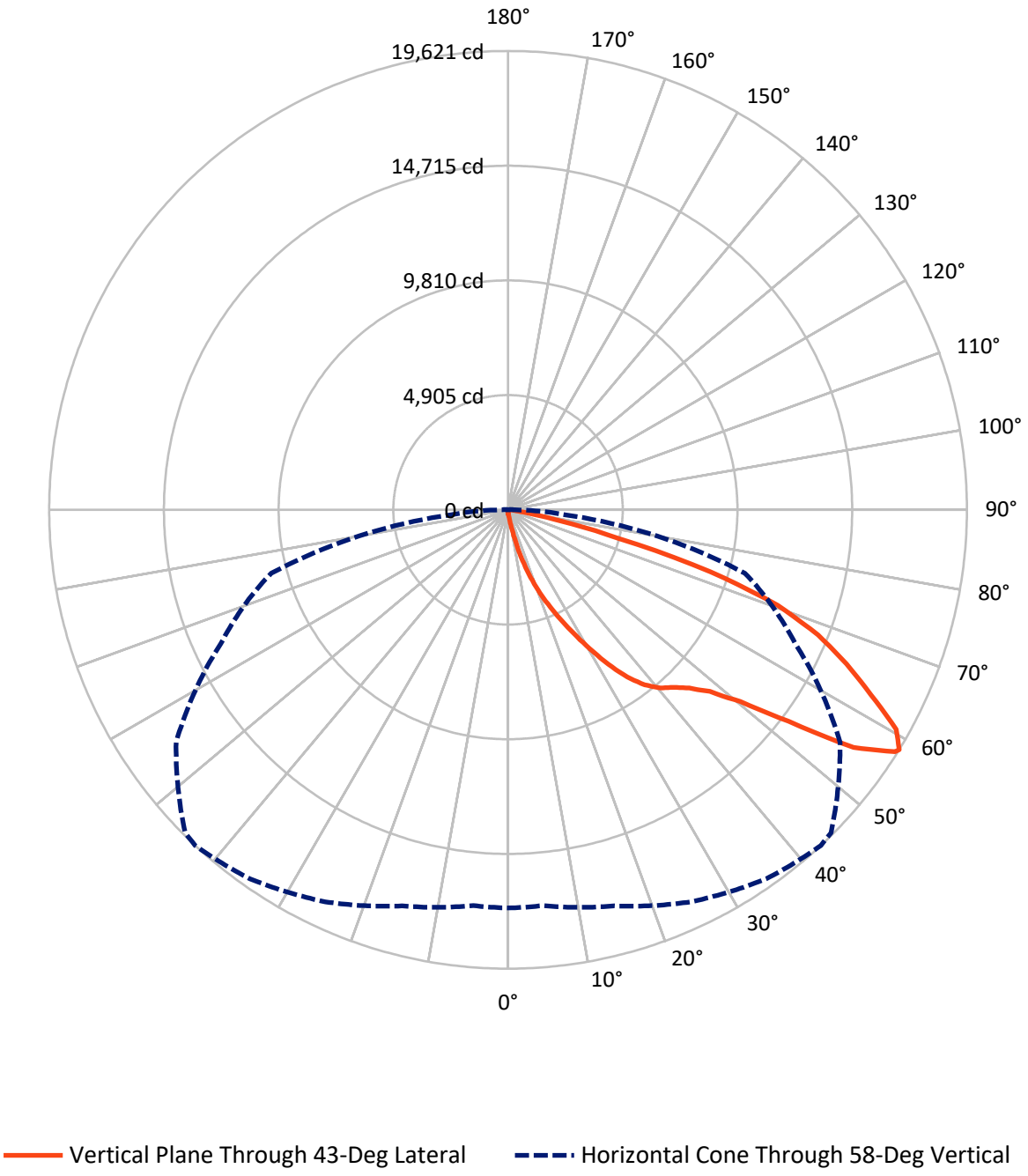
Luminous Intensity Polar Plot



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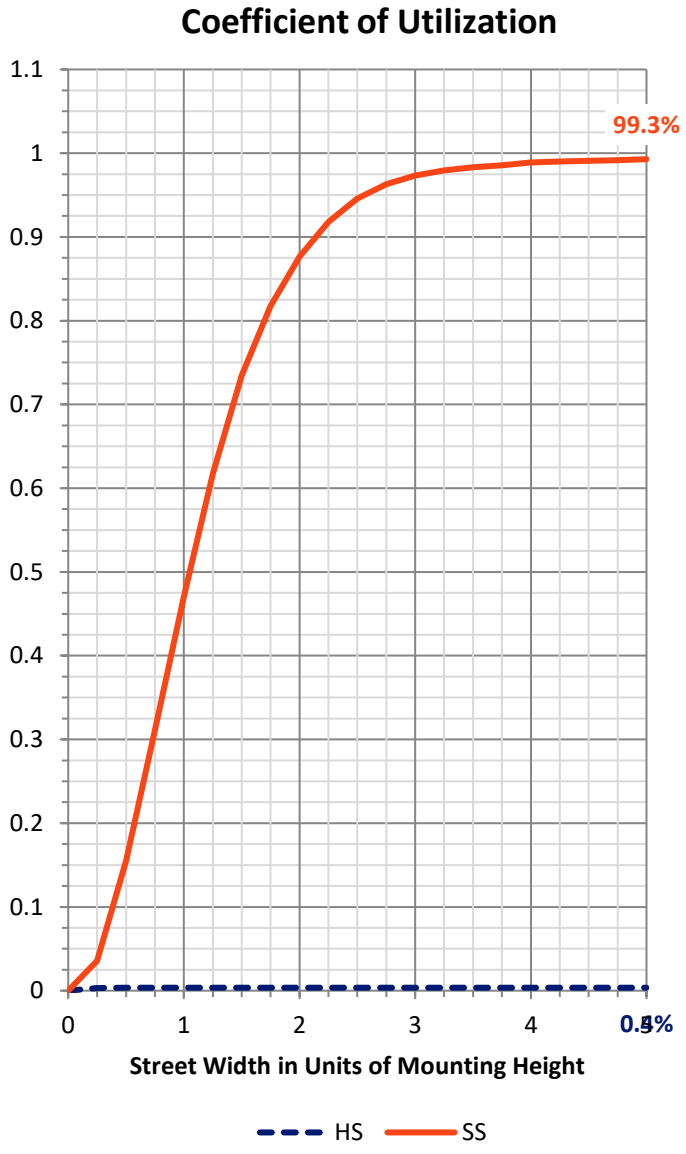
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.5	0.0	86.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23608.8	0.0	23608.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	23695.3	0.0	23695.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.7	0.1
10°-20°	272.4	1.1
20°-30°	981.7	4.1
30°-40°	2246.2	9.5
40°-50°	3788.4	16.0
50°-60°	6251.8	26.4
60°-70°	6987.2	29.5
70°-80°	2884.9	12.2
80°-90°	260.1	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°	23695.3	100.0
0°-180°	23695.3	100.0



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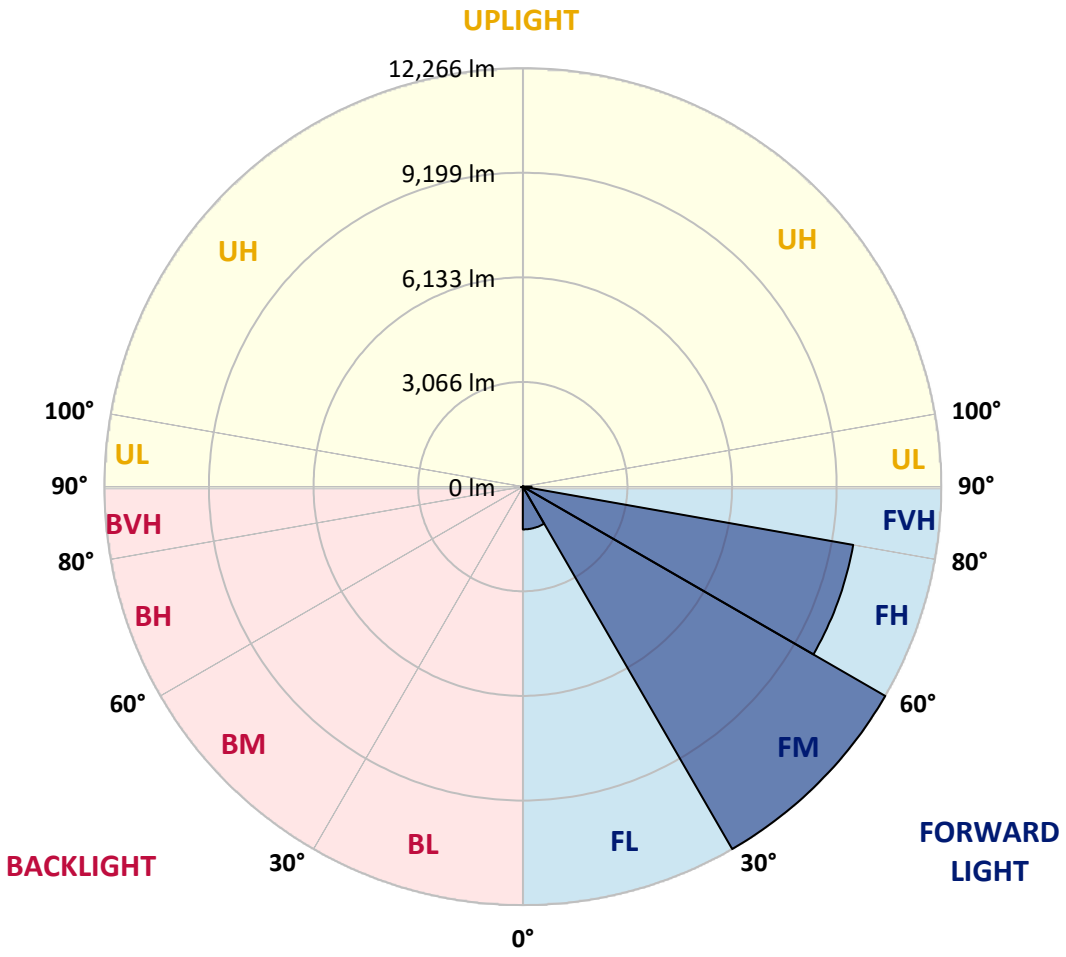
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1254.2	5.3			
FM	(30°-60°)	12265.6	51.8			
FH	(60°-80°)	9832.5	41.5			G4/12000
FVH	(80°-90°)	256.5	1.1			G3/500
BL	(0°-30°)	22.6	0.1	B0/110		
BM	(30°-60°)	20.7	0.1	B0/220		
BH	(60°-80°)	39.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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°	154.9	154.9	154.9	154.9	154.9	*154.9*	154.9	154.9	154.9	154.9	154.9
2.5°	185.9	192.1	185.9	185.9	185.9	*179.7*	179.7	173.5	173.5	167.3	161.1
5°	272.7	272.7	254.1	241.7	229.3	*223.1*	216.9	204.5	192.1	179.7	167.3
7.5°	607.3	607.3	551.6	477.2	378.0	*322.3*	309.9	254.1	216.9	192.1	167.3
10°	1450.2	1450.2	1326.2	1121.7	867.6	*644.5*	576.3	365.6	260.3	204.5	173.5
12.5°	2410.7	2441.7	2286.8	2026.5	1648.5	*1258.1*	1121.7	669.3	347.0	223.1	173.5
15°	3272.2	3197.8	3154.4	2906.5	2547.1	*2082.3*	1908.8	1127.9	502.0	254.1	173.5
17.5°	3854.7	3854.7	3792.7	3625.4	3297.0	*2887.9*	2745.4	1822.0	811.8	291.3	179.7
20°	4536.4	4536.4	4424.9	4307.1	4015.8	*3668.8*	3532.5	2590.5	1258.1	371.8	179.7
22.5°	5360.7	5373.1	5249.1	5038.4	4759.5	*4375.3*	4257.5	3303.2	1822.0	495.8	185.9
25°	6364.6	6377.0	6197.3	5999.0	5571.4	*5156.2*	4976.4	4121.2	2509.9	694.1	185.9
27.5°	7473.9	7560.7	7294.2	6953.4	6501.0	*5980.4*	5844.1	4858.7	3191.6	979.2	198.3
30°	8855.9	8855.9	8502.7	8025.5	7535.9	*6891.4*	6717.9	5633.3	3916.7	1357.2	210.7
32.5°	10045.8	9952.9	9500.5	8998.5	8477.9	*7876.8*	7690.8	6445.2	4660.4	1828.2	235.5
35°	10956.8	10876.3	10318.5	9779.3	9326.9	*8775.4*	8552.3	7325.2	5447.4	2361.2	272.7
37.5°	11737.7	11706.7	10950.6	10275.1	9977.6	*9494.3*	9295.9	8155.6	6222.1	2937.5	316.1
40°	12592.9	12493.8	11688.1	10851.5	10405.3	*10014.8*	9835.1	8825.0	6965.8	3613.0	378.0
42.5°	13324.2	13206.4	12481.4	11663.3	10901.0	*10374.3*	10200.8	9388.9	7690.8	4288.5	458.6
45°	14136.0	14074.1	13342.8	12723.1	11706.7	*10863.9*	10634.6	9841.3	8354.0	5094.2	564.0
47.5°	15356.9	15245.3	14563.6	14055.5	12878.0	*11607.5*	11279.1	10306.1	8992.3	5887.4	725.1
50°	16776.1	16701.7	16298.9	15896.1	14724.8	*12878.0*	12487.6	10975.4	9705.0	6829.4	935.8
52.5°	17935.0	17922.6	17972.2	17978.4	17092.1	*15016.0*	14433.5	12053.7	10523.0	7759.0	1233.3
55°	17910.2	17966.0	18511.3	19137.3	19205.4	*17935.0*	17371.0	13869.6	11588.9	8905.5	1648.5
57.5°	17240.9	17197.5	17773.8	18715.8	19378.9	*19515.3*	19422.3	16689.3	13194.0	10287.5	2286.8
58°	*17024.0*	*16986.8*	*17532.2*	*18492.7*	*19255.0*	*19620.6*	*19527.7*	*17327.6*	*13553.5*	*10485.8*	*2460.3*
60°	16236.9	16243.1	16565.4	17439.2	18201.5	*19069.1*	19155.8	19149.6	15344.5	11812.0	3334.1
62.5°	15195.8	15146.2	15443.7	16156.4	16825.7	*17408.2*	17556.9	19273.6	17966.0	13497.7	5001.2
65°	13758.0	13683.6	13999.7	14805.3	15524.2	*15902.3*	15908.5	17612.7	19199.2	15307.3	7381.0
67.5°	11087.0	11025.0	11657.1	12692.1	13801.4	*14297.2*	14520.3	15282.5	18158.1	16534.4	8744.4
70°	6792.2	6922.4	7802.4	9426.1	11322.5	*12233.5*	12568.1	12803.6	15462.3	16348.5	7312.8
72.5°	3135.8	2980.9	3730.8	4864.9	7027.7	*9054.3*	9401.3	10324.7	12258.3	14191.8	5453.6
75°	1462.6	1406.8	1580.3	2125.7	3185.4	*4889.7*	5521.8	8242.4	9401.3	9872.3	3935.3
77.5°	749.9	756.1	898.6	966.8	1313.8	*2262.0*	2596.7	5422.6	6891.4	5509.4	2640.0
80°	328.5	340.9	347.0	378.0	533.0	*873.8*	985.4	2516.1	4709.9	2807.4	1444.0
82.5°	210.7	216.9	216.9	216.9	254.1	*347.0*	396.6	1010.2	2348.8	1394.4	446.2
85°	111.6	111.6	123.9	154.9	179.7	*210.7*	223.1	322.3	774.7	415.2	105.4
87.5°	62.0	68.2	74.4	93.0	117.7	*142.5*	154.9	223.1	297.5	285.1	24.8
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-SA8A-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9	154.9
2.5°	161.1	154.9	148.7	142.5	136.3	130.1	130.1	130.1	130.1	130.1	130.1
5°	154.9	148.7	142.5	130.1	117.7	111.6	105.4	99.2	99.2	99.2	99.2
7.5°	154.9	148.7	130.1	117.7	105.4	93.0	80.6	80.6	80.6	80.6	80.6
10°	154.9	142.5	123.9	105.4	86.8	74.4	68.2	62.0	62.0	62.0	62.0
12.5°	154.9	136.3	117.7	93.0	74.4	62.0	55.8	49.6	49.6	49.6	49.6
15°	154.9	136.3	111.6	86.8	68.2	49.6	43.4	37.2	37.2	37.2	37.2
17.5°	148.7	130.1	105.4	74.4	55.8	37.2	31.0	24.8	24.8	31.0	31.0
20°	142.5	123.9	93.0	62.0	43.4	31.0	18.6	18.6	18.6	18.6	18.6
22.5°	142.5	123.9	86.8	55.8	37.2	18.6	12.4	12.4	12.4	12.4	18.6
25°	142.5	117.7	74.4	43.4	24.8	12.4	6.2	6.2	6.2	6.2	6.2
27.5°	142.5	117.7	68.2	37.2	18.6	12.4	6.2	0.0	0.0	0.0	0.0
30°	136.3	111.6	62.0	31.0	12.4	6.2	0.0	0.0	0.0	0.0	0.0
32.5°	136.3	105.4	49.6	24.8	12.4	6.2	0.0	0.0	0.0	0.0	0.0
35°	142.5	99.2	43.4	18.6	6.2	0.0	0.0	0.0	0.0	0.0	6.2
37.5°	148.7	93.0	37.2	12.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	154.9	86.8	37.2	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	167.3	86.8	31.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	179.7	86.8	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	204.5	93.0	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	223.1	99.2	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	247.9	93.0	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	278.9	93.0	18.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	303.7	86.8	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*316.1*	*80.6*	*12.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	378.0	74.4	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	588.7	62.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1196.1	55.8	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2231.0	49.6	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2497.5	55.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1574.1	43.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	830.4	43.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	415.2	43.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	192.1	31.0	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	80.6	18.6	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0
85°	37.2	18.6	12.4	12.4	6.2	6.2	0.0	0.0	0.0	0.0	0.0
87.5°	18.6	18.6	18.6	12.4	12.4	6.2	6.2	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

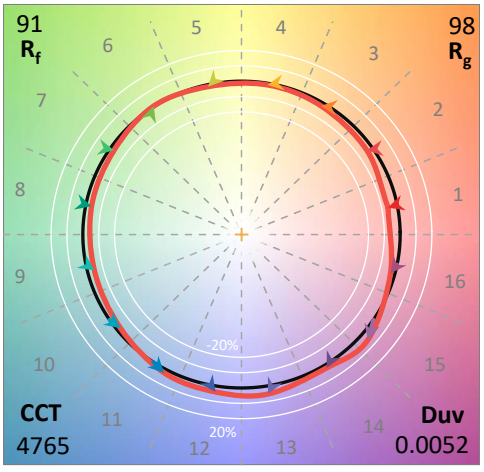
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-17
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-950-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4765
CIE u':	0.2105
CIE v':	0.4941
Duv:	0.0052
CIE x:	0.3536
CIE y:	0.3689
CIE z:	0.2775
Peak Wavelength (nm):	449
Dominant Wavelength (nm):	571
Purity:	16.80041
Rf:	90.7
Rg:	98

CRI (Ra):	90.8				
R1:	89.8	R9:	54.9		
R2:	93.1	R10:	83.0		
R3:	95.3	R11:	89.6		
R4:	90.3	R12:	68.0		
R5:	89.0	R13:	90.6		
R6:	89.7	R14:	97.3		
R7:	94.9	R15:	86.2		
R8:	84.0				



Test Conditions

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

REPORT NUMBER: SP1-2407-184-17

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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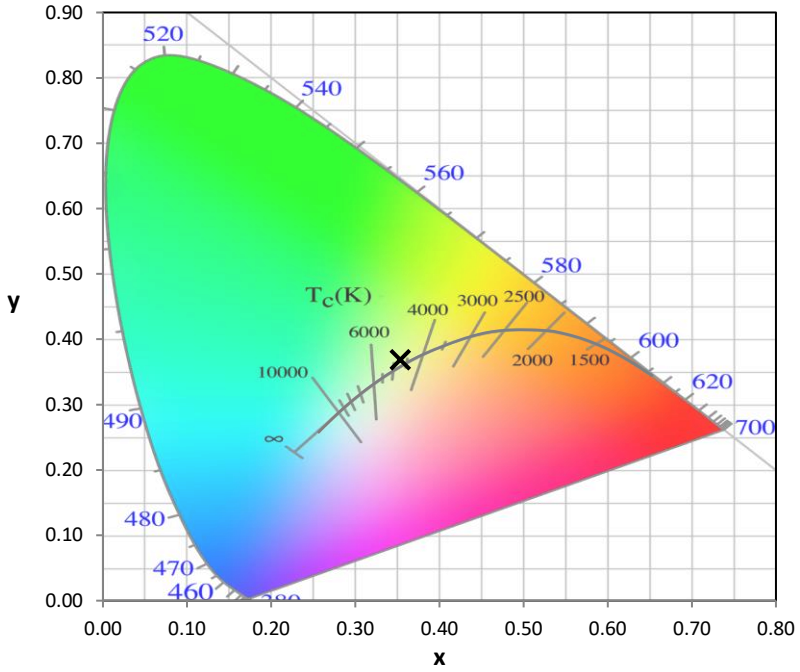
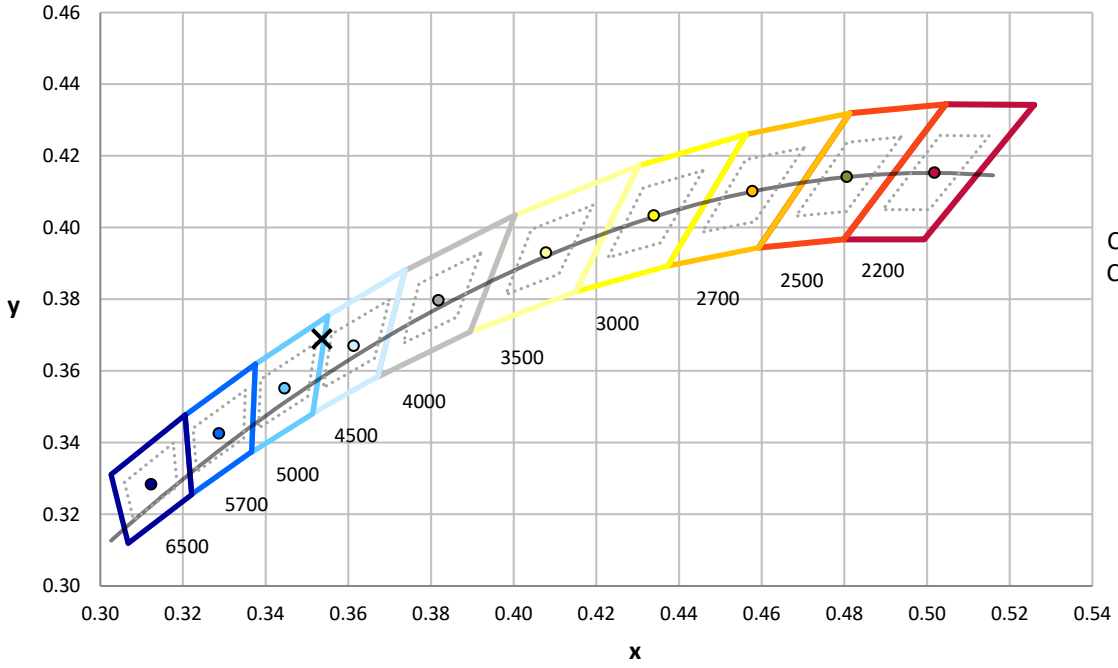
CIE 1931 Chromaticity Diagram



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

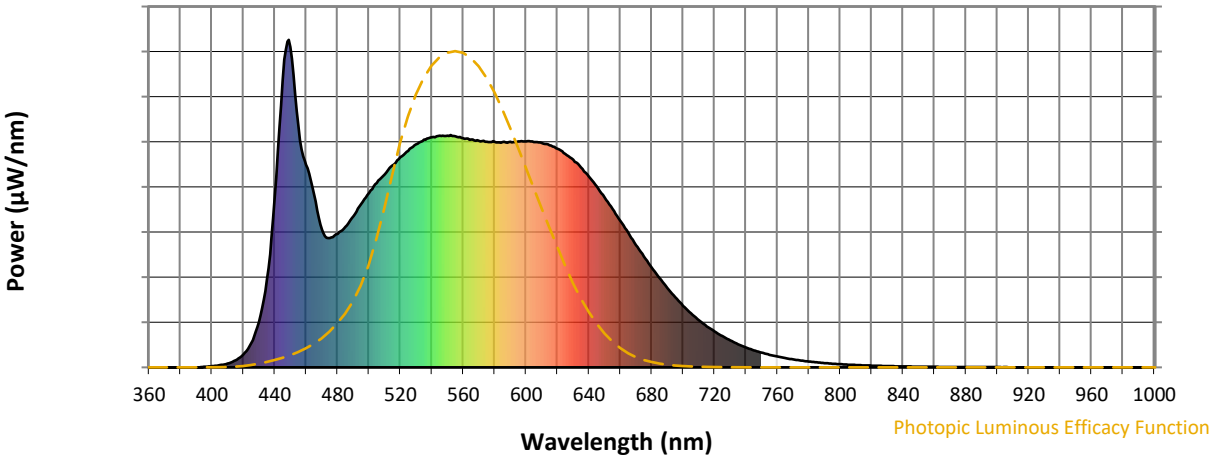


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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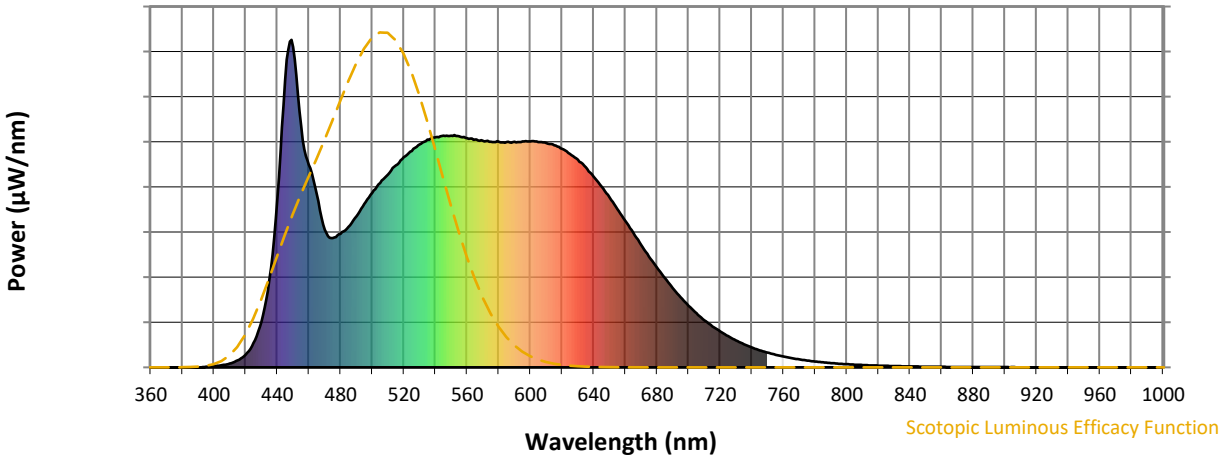
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.99**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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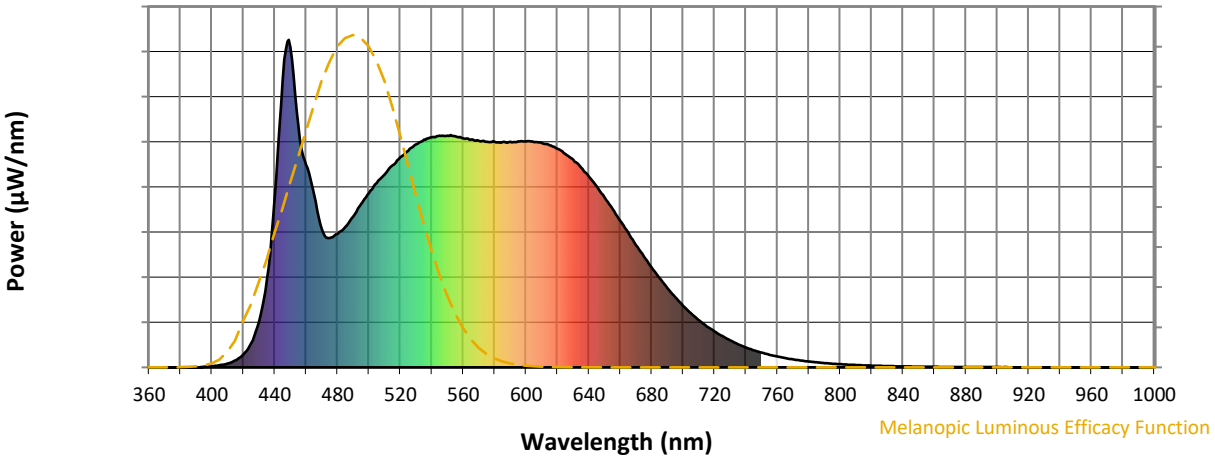
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 4.22**

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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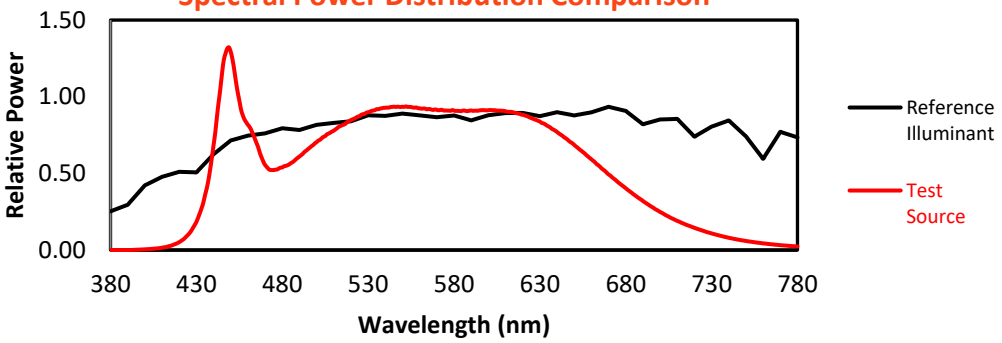
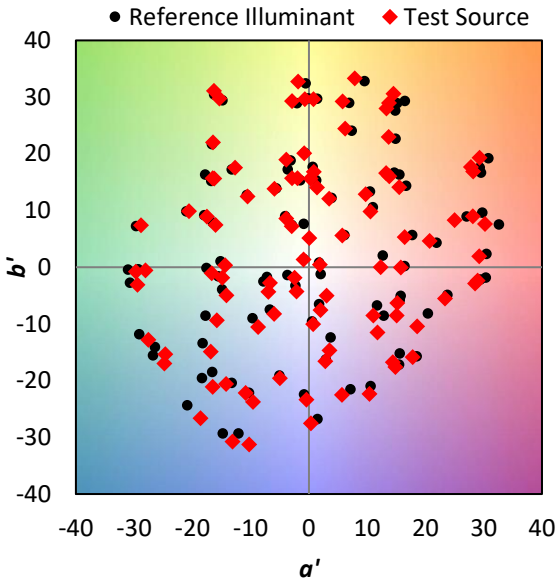
Summary

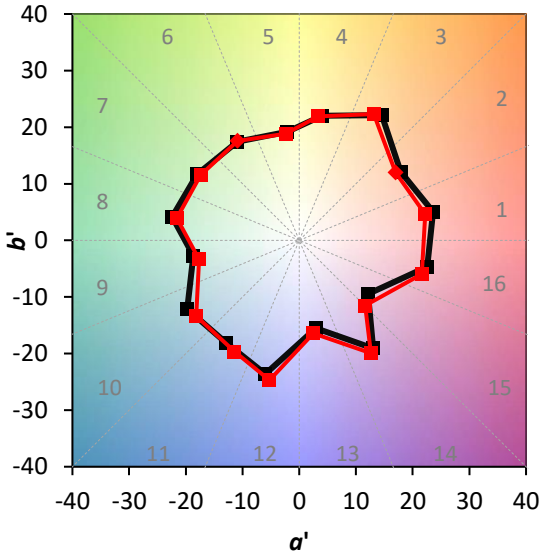
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

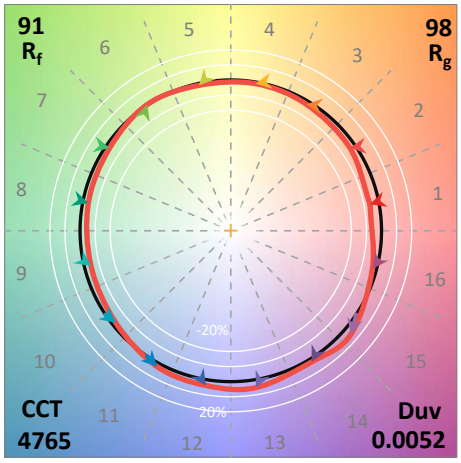
Spectral Power Distribution Comparison

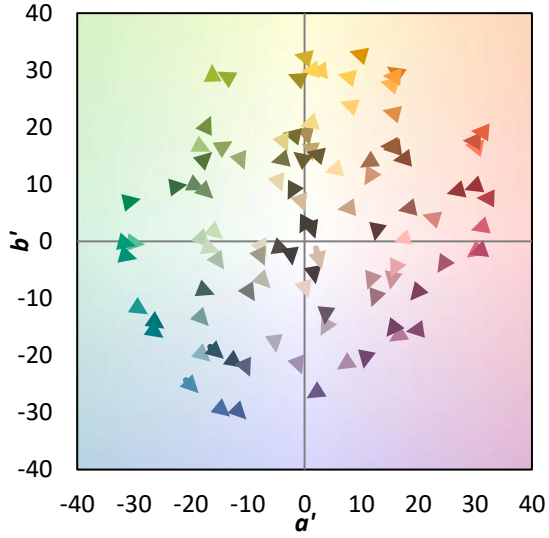


Color Vector Graphics









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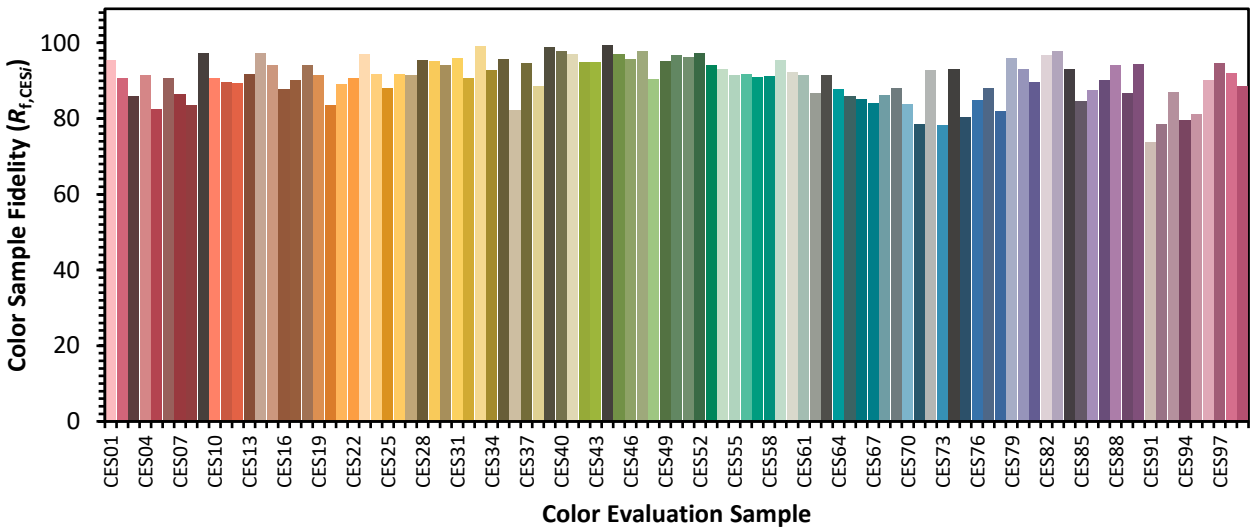
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



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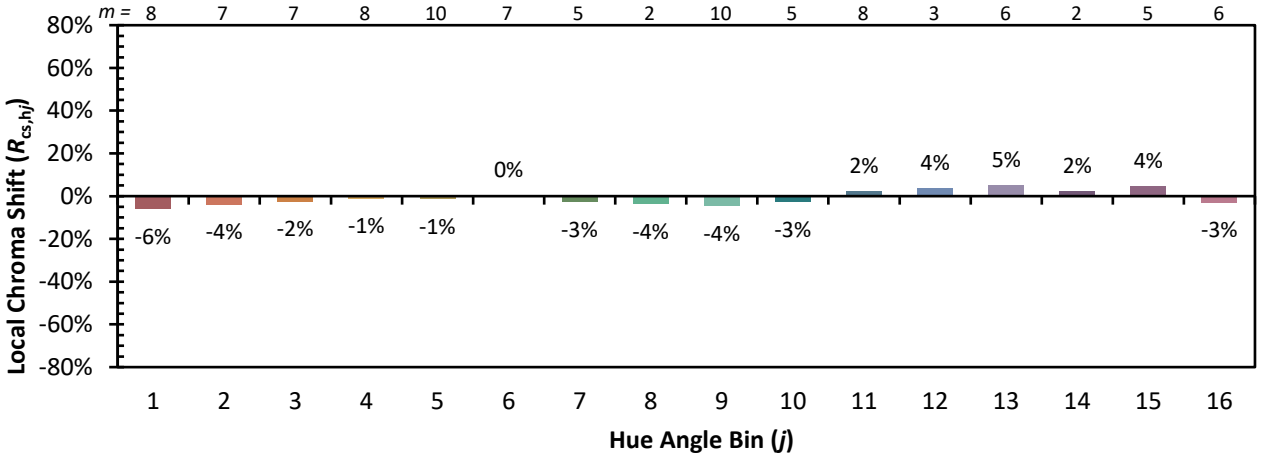
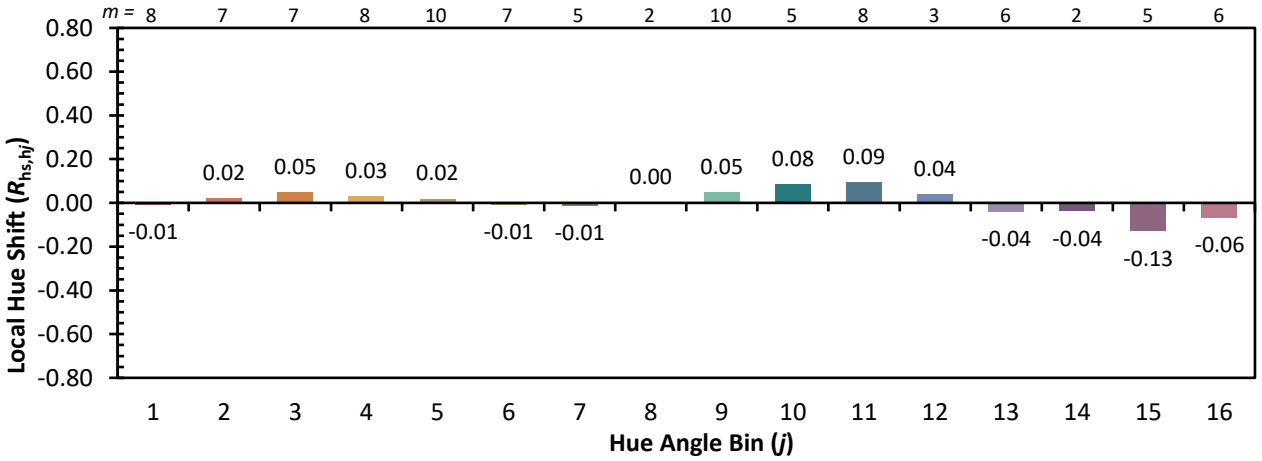
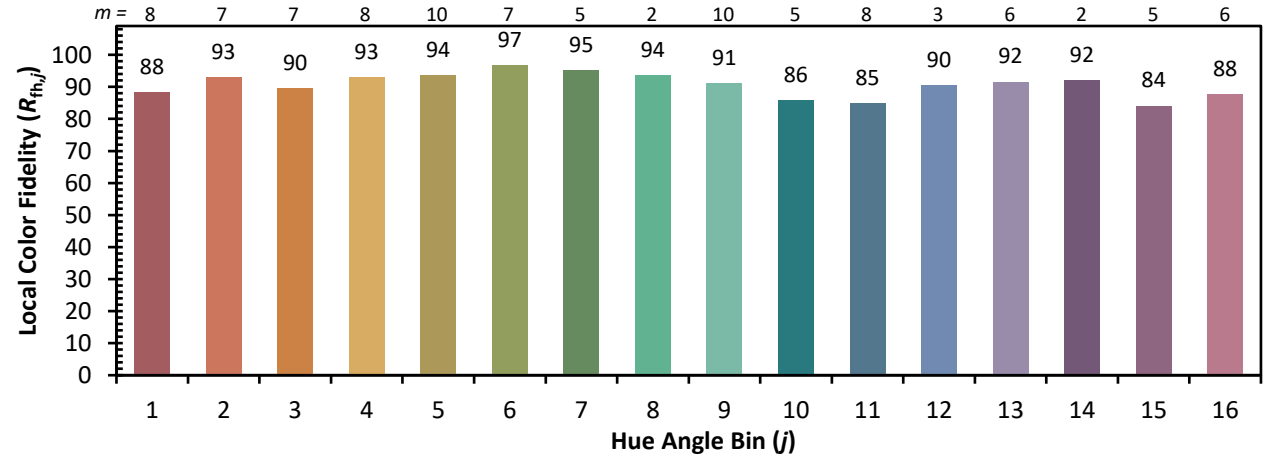
Color Rendition by Hue-Angle Bin







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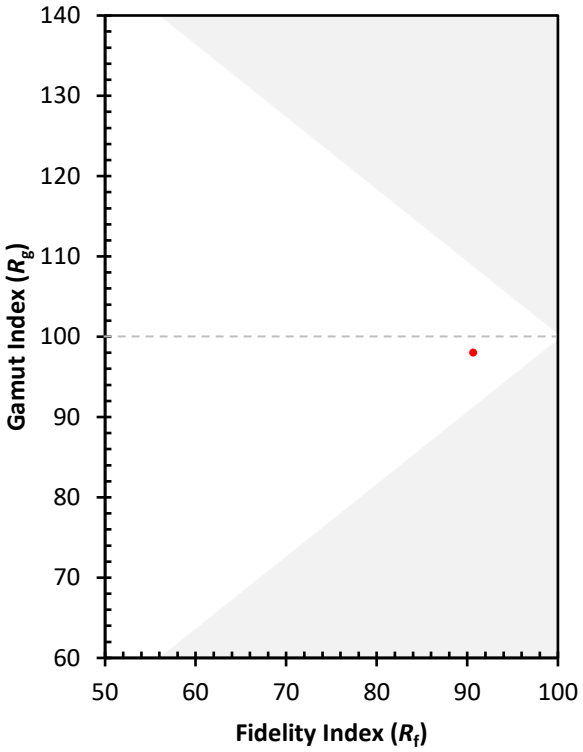
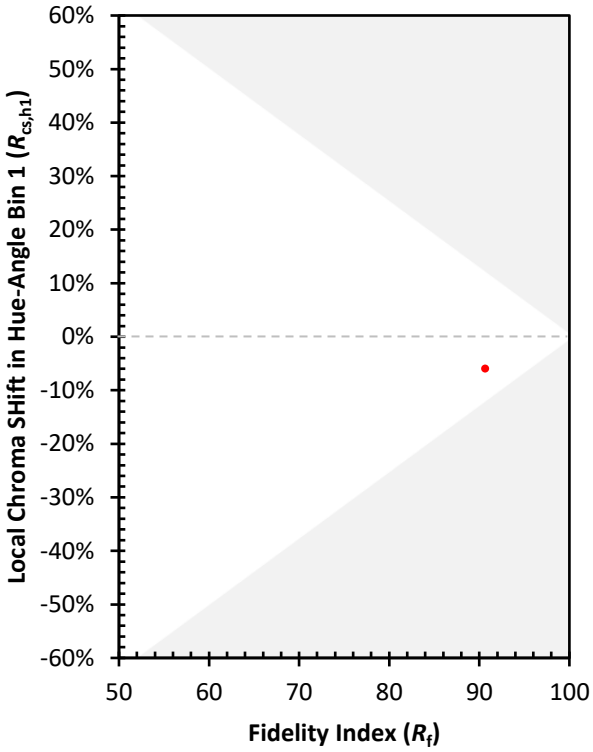
Measure Comparisons





(END OF REPORT)