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: P1047619

Luminaire Tested: **GALN-SA8C-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:	P1047619
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8C-950-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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:	36562.4 lumens
Efficiency:	N/A
Efficacy:	98.0 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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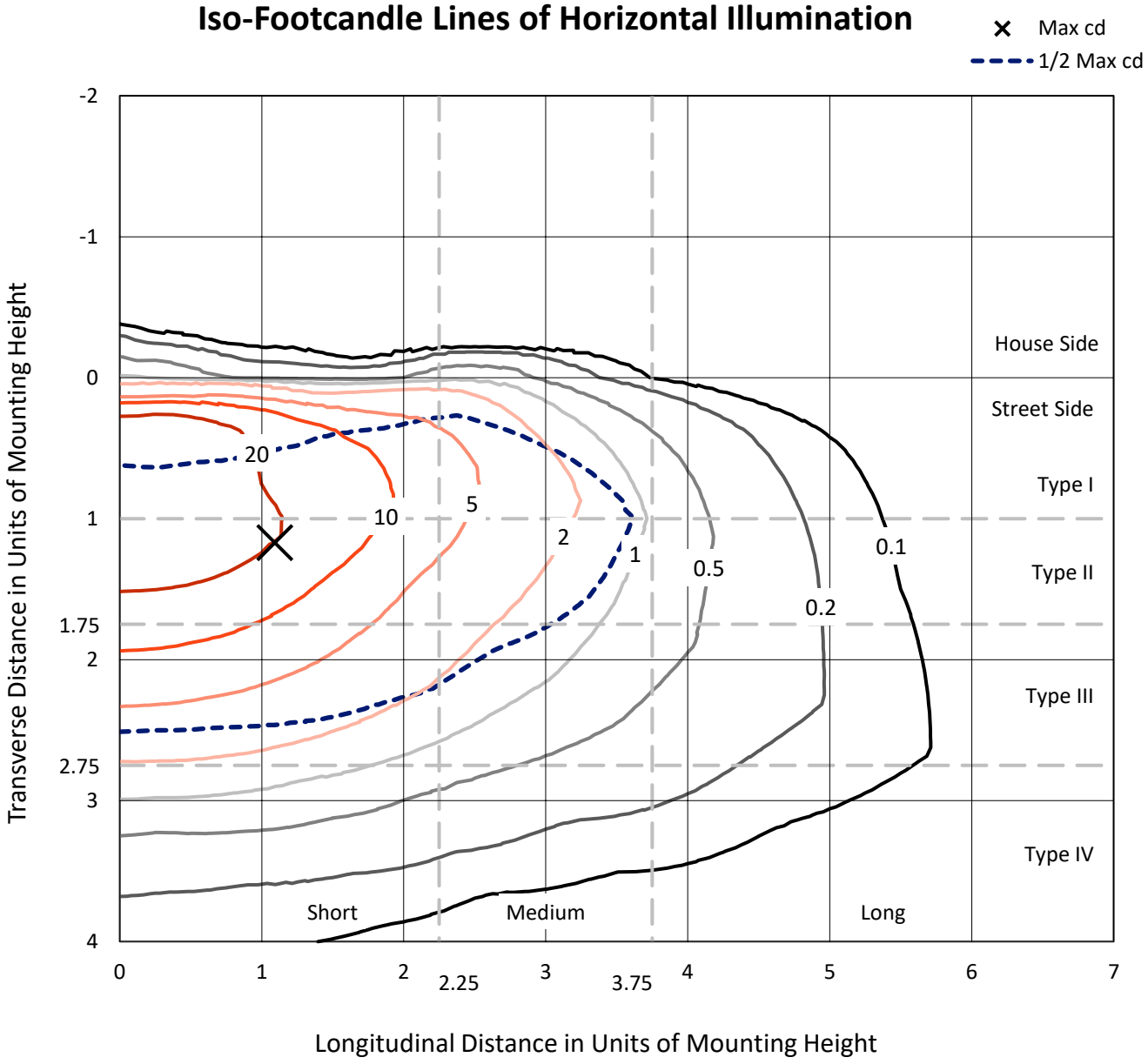
REPORT NUMBER: P1047619
CATALOG NUMBER: GALN-SA8C-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 41 fc
Type III - Short - N/A

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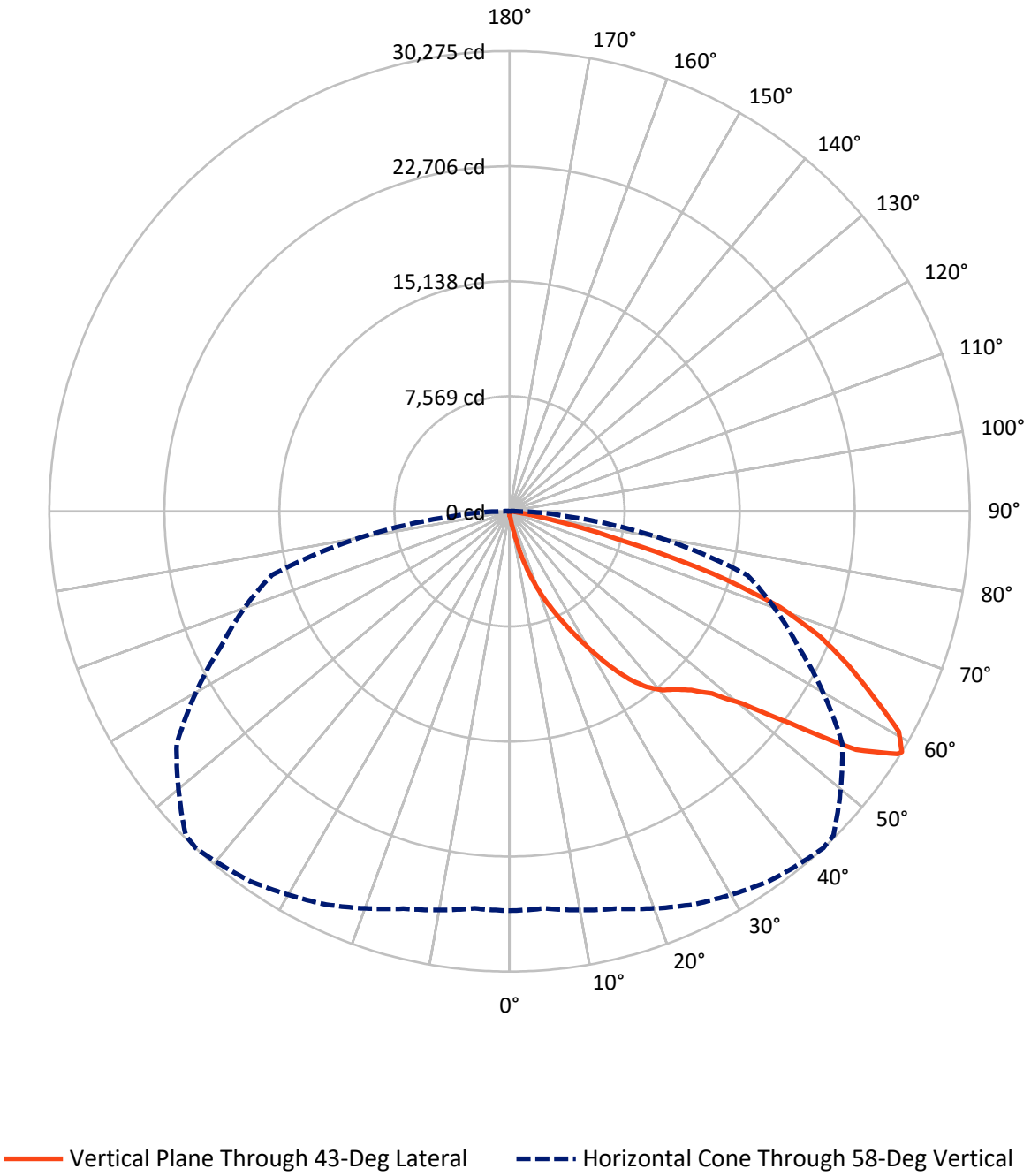
Luminous Intensity Polar Plot



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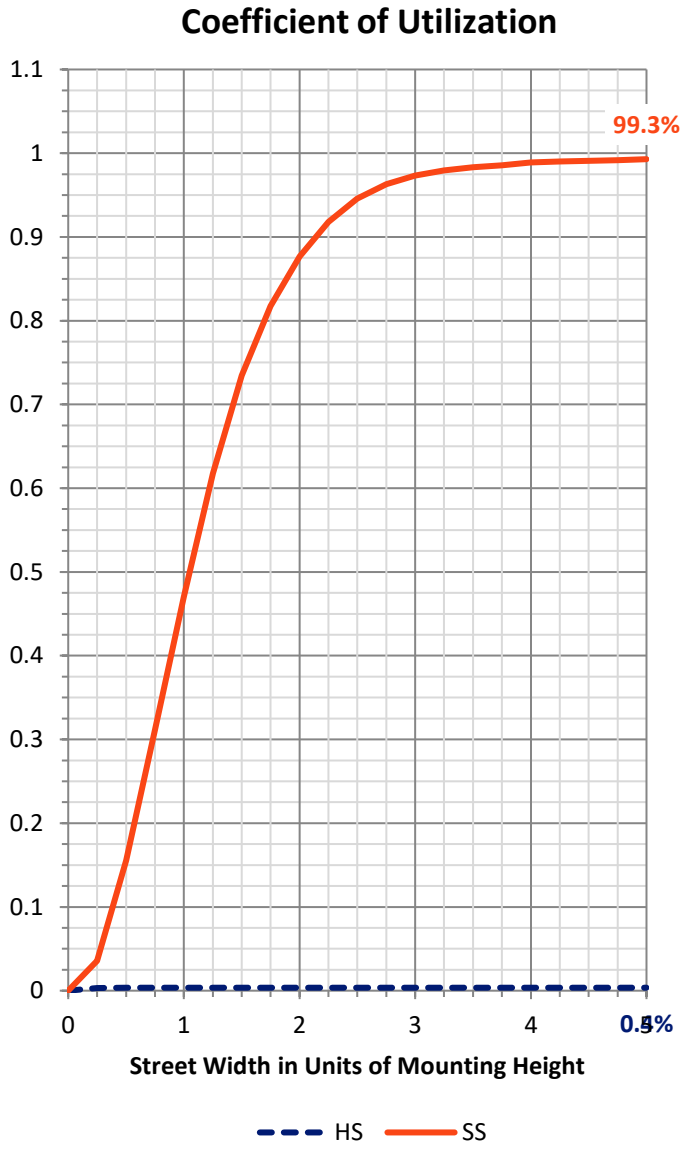
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	133.5	0.0	133.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	36428.9	0.0	36428.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	36562.4	0.0	36562.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.0	0.1
10°-20°	420.3	1.1
20°-30°	1514.8	4.1
30°-40°	3465.9	9.5
40°-50°	5845.6	16.0
50°-60°	9646.6	26.4
60°-70°	10781.4	29.5
70°-80°	4451.5	12.2
80°-90°	401.3	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°	36562.4	100.0
0°-180°	36562.4	100.0



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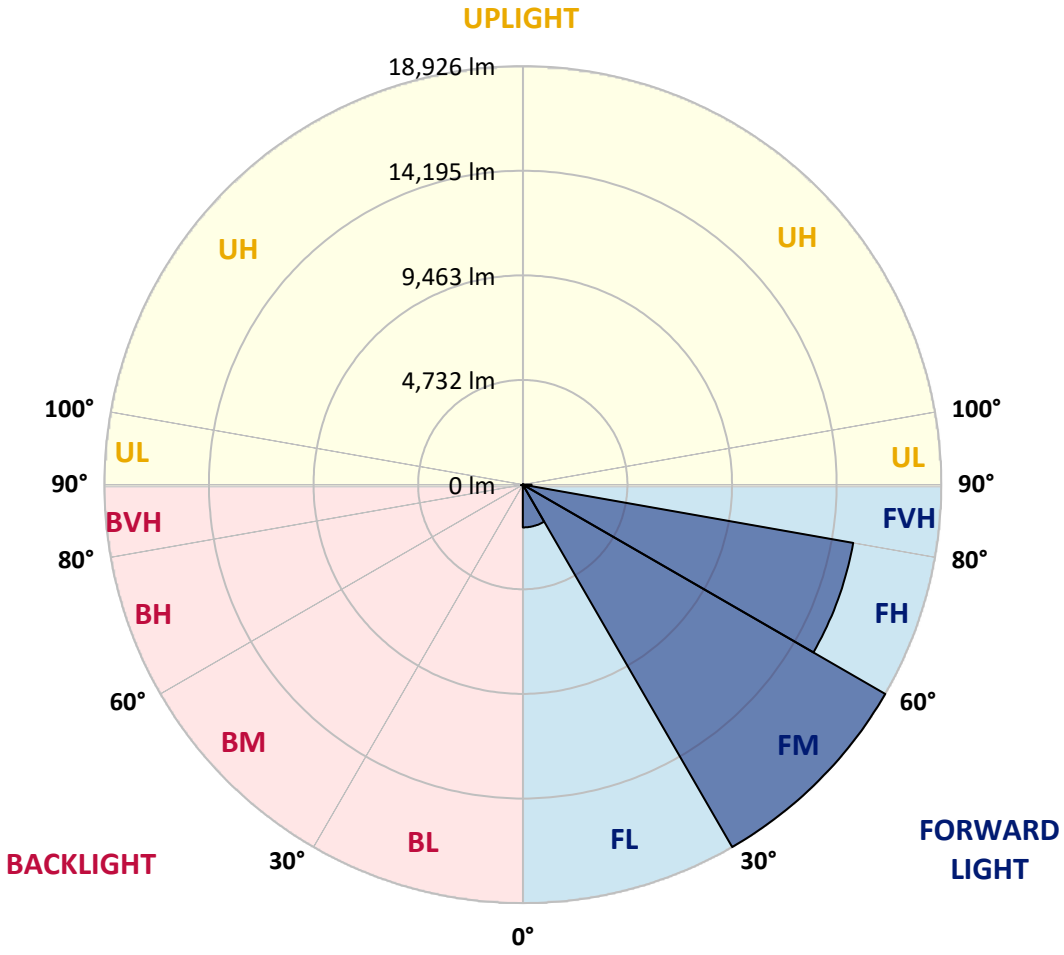
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1935.3	5.3			
FM	(30°-60°)	18926.1	51.8			
FH	(60°-80°)	15171.7	41.5			G5
FVH	(80°-90°)	395.8	1.1			G3/500
BL	(0°-30°)	34.8	0.1	B0/110		
BM	(30°-60°)	32.0	0.1	B0/220		
BH	(60°-80°)	61.2	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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-G5
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	239.1	239.1	239.1	239.1	239.1	*239.1*	239.1	239.1	239.1	239.1	239.1
2.5°	286.9	296.4	286.9	286.9	286.9	*277.3*	277.3	267.8	267.8	258.2	248.6
5°	420.8	420.8	392.1	372.9	353.8	*344.3*	334.7	315.6	296.4	277.3	258.2
7.5°	937.1	937.1	851.1	736.3	583.3	*497.3*	478.1	392.1	334.7	296.4	258.2
10°	2237.6	2237.6	2046.4	1730.8	1338.8	*994.5*	889.3	564.2	401.6	315.6	267.8
12.5°	3719.8	3767.7	3528.6	3127.0	2543.6	*1941.2*	1730.8	1032.8	535.5	344.3	267.8
15°	5049.0	4934.3	4867.4	4484.8	3930.2	*3213.0*	2945.3	1740.4	774.6	392.1	267.8
17.5°	5947.9	5947.9	5852.3	5594.1	5087.3	*4456.2*	4236.2	2811.4	1252.7	449.4	277.3
20°	6999.8	6999.8	6827.7	6646.0	6196.6	*5661.0*	5450.7	3997.2	1941.2	573.8	277.3
22.5°	8271.6	8290.8	8099.5	7774.4	7344.1	*6751.2*	6569.5	5096.9	2811.4	765.0	286.9
25°	9820.8	9839.9	9562.6	9256.6	8596.8	*7956.1*	7678.7	6359.1	3872.8	1071.0	286.9
27.5°	11532.5	11666.3	11255.2	10729.2	10031.1	*9227.9*	9017.5	7497.1	4924.7	1510.9	306.0
30°	13664.9	13664.9	13119.9	12383.5	11628.1	*10633.6*	10365.8	8692.4	6043.5	2094.2	325.1
32.5°	15500.9	15357.5	14659.4	13884.9	13081.6	*12154.0*	11867.2	9945.1	7191.1	2821.0	363.4
35°	16906.6	16782.3	15921.7	15089.7	14391.7	*13540.6*	13196.4	11303.0	8405.5	3643.3	420.8
37.5°	18111.5	18063.7	16897.1	15854.8	15395.8	*14649.9*	14343.9	12584.4	9600.8	4532.7	487.7
40°	19431.2	19278.2	18035.0	16744.1	16055.6	*15453.1*	15175.8	13617.1	10748.3	5575.0	583.3
42.5°	20559.5	20377.9	19259.0	17996.8	16820.6	*16007.8*	15740.0	14487.3	11867.2	6617.3	707.6
45°	21812.2	21716.6	20588.2	19632.0	18063.7	*16763.2*	16409.4	15185.4	12890.4	7860.4	870.2
47.5°	23696.1	23523.9	22472.1	21687.9	19871.0	*17910.7*	17403.9	15902.6	13875.3	9084.4	1118.8
50°	25885.9	25771.1	25149.6	24528.0	22720.7	*19871.0*	19268.6	16935.3	14975.0	10538.0	1443.9
52.5°	27674.1	27655.0	27731.5	27741.0	26373.6	*23170.1*	22271.2	18599.2	16237.3	11972.3	1903.0
55°	27635.8	27721.9	28563.4	29529.2	29634.4	*27674.1*	26803.9	21401.0	17882.0	13741.4	2543.6
57.5°	26603.1	26536.2	27425.5	28879.0	29902.2	*30112.6*	29969.1	25752.0	20358.7	15873.9	3528.6
58°	*26268.4*	*26211.0*	*27052.5*	*28534.7*	*29710.9*	*30275.1*	*30131.7*	*26737.0*	*20913.4*	*16179.9*	*3796.3*
60°	25054.0	25063.5	25560.8	26909.1	28085.3	*29424.1*	29557.9	29548.4	23676.9	18226.3	5144.7
62.5°	23447.4	23370.9	23829.9	24929.6	25962.4	*26861.3*	27090.8	29739.6	27721.9	20827.3	7717.0
65°	21228.9	21114.2	21601.9	22845.0	23954.3	*24537.6*	24547.1	27176.8	29624.9	23619.6	11389.0
67.5°	17107.5	17011.8	17987.2	19584.2	21295.9	*22060.9*	22405.1	23581.3	28018.4	25513.0	13492.8
70°	10480.6	10681.4	12039.3	14544.7	17470.8	*18876.5*	19392.9	19756.3	23858.6	25226.1	11283.8
72.5°	4838.7	4599.6	5756.7	7506.6	10844.0	*13970.9*	14506.4	15931.3	18914.8	21898.3	8415.1
75°	2256.8	2170.7	2438.5	3280.0	4915.2	*7544.9*	8520.3	12718.2	14506.4	15233.2	6072.2
77.5°	1157.1	1166.6	1386.6	1491.8	2027.3	*3490.3*	4006.7	8367.3	10633.6	8501.1	4073.7
80°	506.8	525.9	535.5	583.3	822.4	*1348.3*	1520.4	3882.4	7267.6	4331.8	2228.1
82.5°	325.1	334.7	334.7	334.7	392.1	*535.5*	612.0	1558.7	3624.2	2151.6	688.5
85°	172.1	172.1	191.3	239.1	277.3	*325.1*	344.3	497.3	1195.3	640.7	162.6
87.5°	95.6	105.2	114.8	143.4	181.7	*219.9*	239.1	344.3	459.0	439.9	38.3
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-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	239.1	239.1	239.1	239.1	239.1	239.1	239.1	239.1	239.1	239.1	239.1
2.5°	248.6	239.1	229.5	219.9	210.4	200.8	200.8	200.8	200.8	200.8	200.8
5°	239.1	229.5	219.9	200.8	181.7	172.1	162.6	153.0	153.0	153.0	153.0
7.5°	239.1	229.5	200.8	181.7	162.6	143.4	124.3	124.3	124.3	124.3	124.3
10°	239.1	219.9	191.3	162.6	133.9	114.8	105.2	95.6	95.6	95.6	95.6
12.5°	239.1	210.4	181.7	143.4	114.8	95.6	86.1	76.5	76.5	76.5	76.5
15°	239.1	210.4	172.1	133.9	105.2	76.5	66.9	57.4	57.4	57.4	57.4
17.5°	229.5	200.8	162.6	114.8	86.1	57.4	47.8	38.3	38.3	47.8	47.8
20°	219.9	191.3	143.4	95.6	66.9	47.8	28.7	28.7	28.7	28.7	28.7
22.5°	219.9	191.3	133.9	86.1	57.4	28.7	19.1	19.1	19.1	19.1	28.7
25°	219.9	181.7	114.8	66.9	38.3	19.1	9.6	9.6	9.6	9.6	9.6
27.5°	219.9	181.7	105.2	57.4	28.7	19.1	9.6	0.0	0.0	0.0	0.0
30°	210.4	172.1	95.6	47.8	19.1	9.6	0.0	0.0	0.0	0.0	0.0
32.5°	210.4	162.6	76.5	38.3	19.1	9.6	0.0	0.0	0.0	0.0	0.0
35°	219.9	153.0	66.9	28.7	9.6	0.0	0.0	0.0	0.0	0.0	9.6
37.5°	229.5	143.4	57.4	19.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	239.1	133.9	57.4	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	258.2	133.9	47.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	277.3	133.9	38.3	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	315.6	143.4	38.3	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	344.3	153.0	28.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	382.5	143.4	28.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	430.3	143.4	28.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	468.6	133.9	28.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*487.7*	*124.3*	*19.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	583.3	114.8	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	908.4	95.6	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1845.6	86.1	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3442.5	76.5	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3853.7	86.1	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2428.9	66.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1281.4	66.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	640.7	66.9	9.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	296.4	47.8	9.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	124.3	28.7	19.1	9.6	9.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	57.4	28.7	19.1	19.1	9.6	9.6	0.0	0.0	0.0	0.0	0.0
87.5°	28.7	28.7	28.7	19.1	19.1	9.6	9.6	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

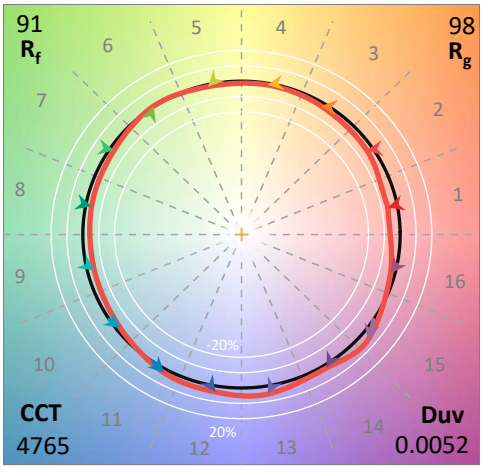
Test Information

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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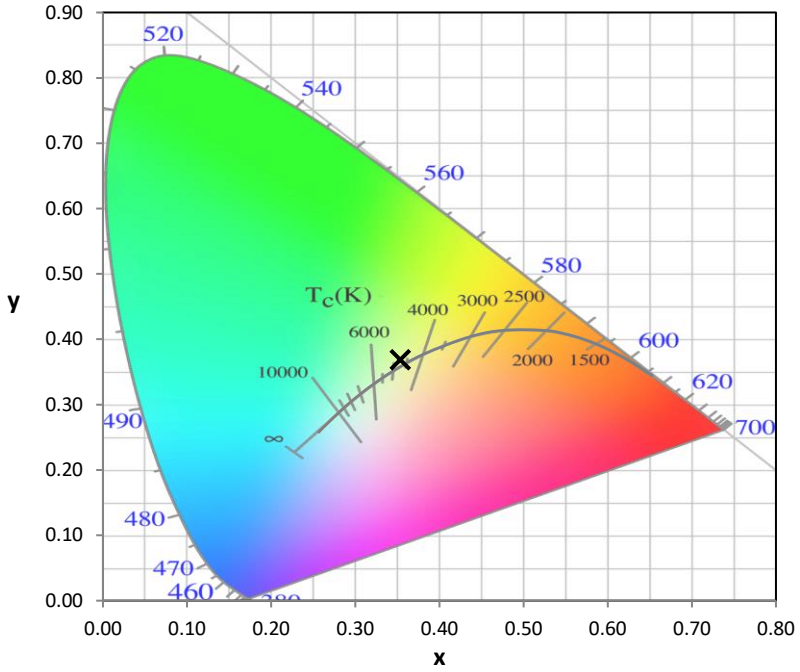
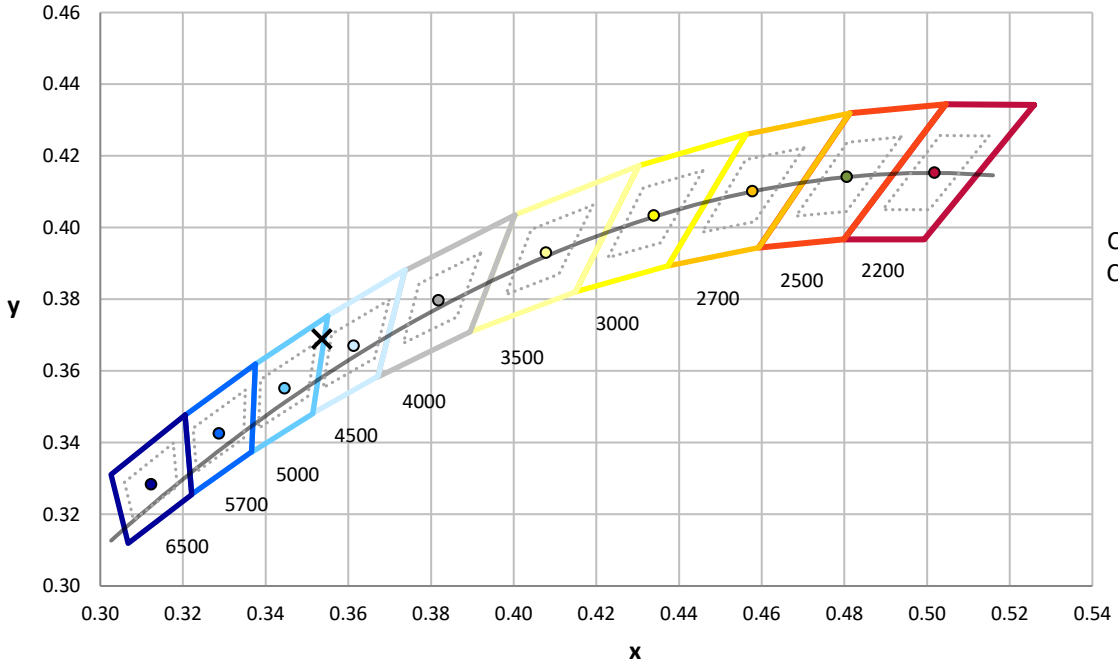
CIE 1931 Chromaticity Diagram



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

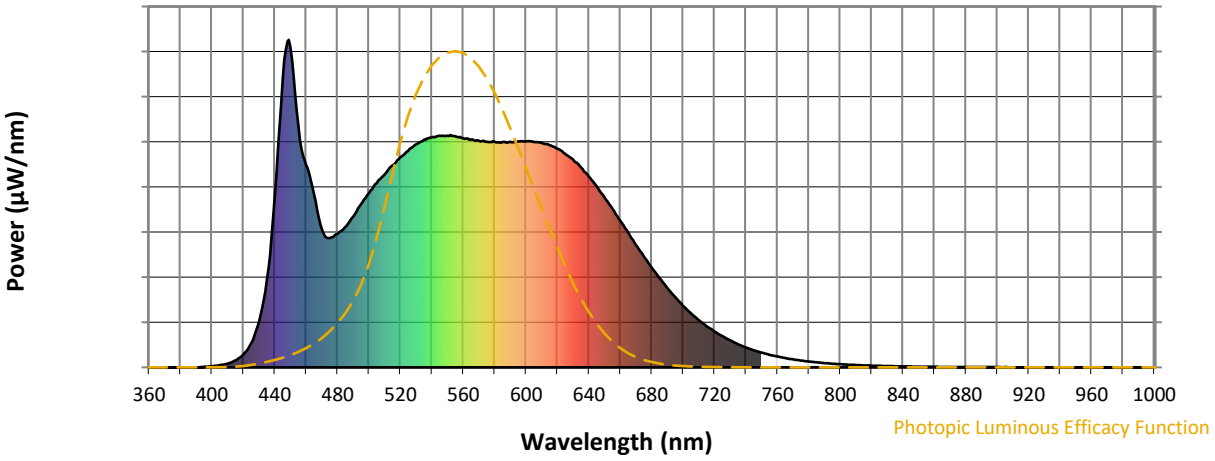


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

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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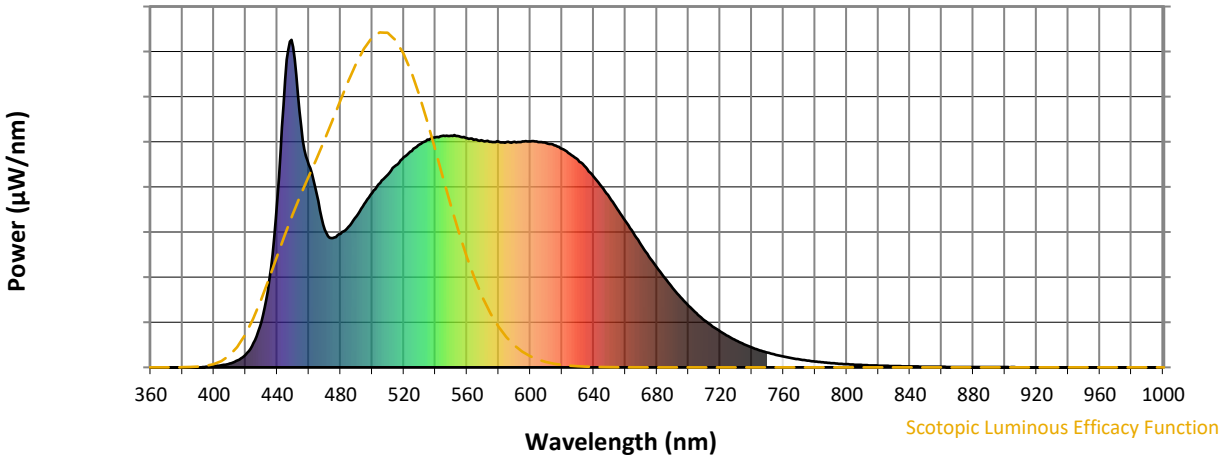
Scotopic Flux vs. Wavelength



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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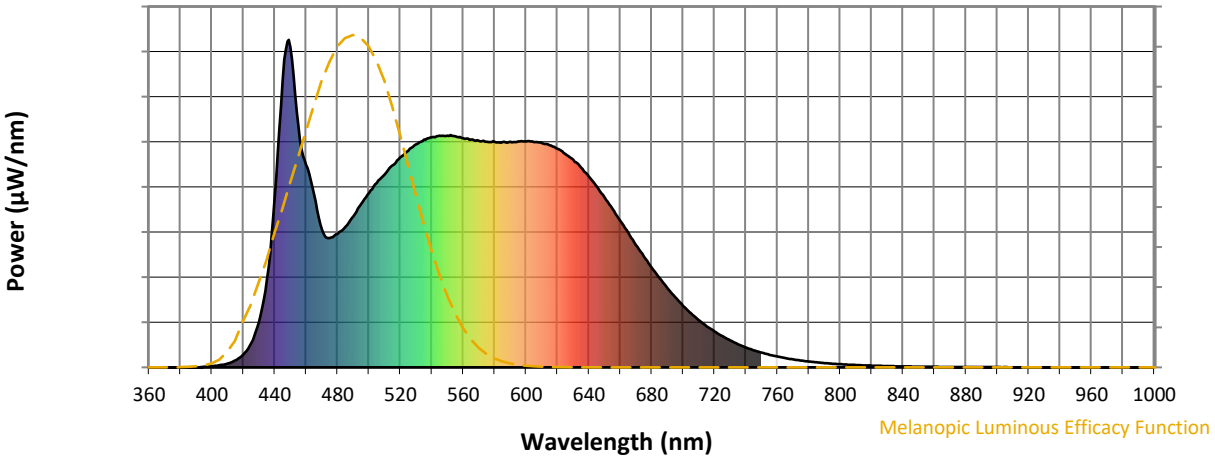
Melanopic Flux vs. Wavelength



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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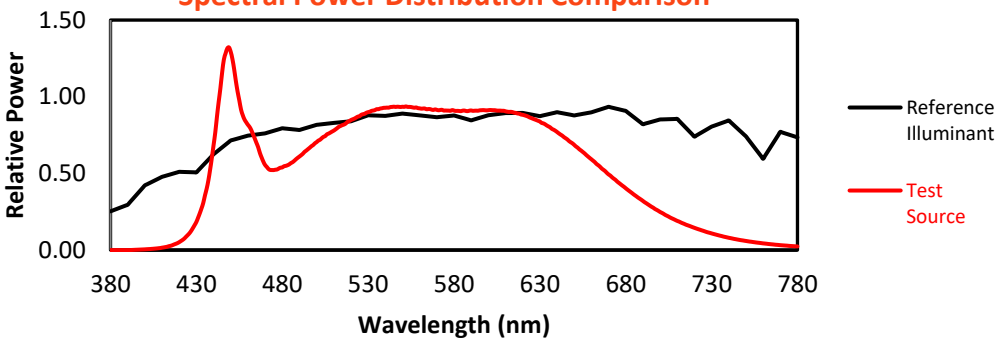
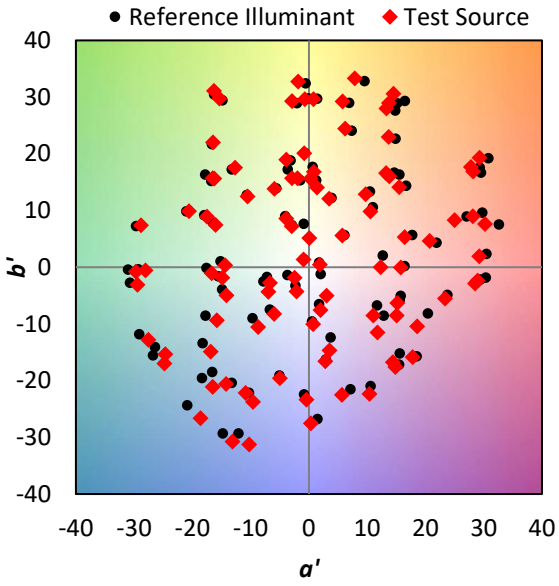
Summary

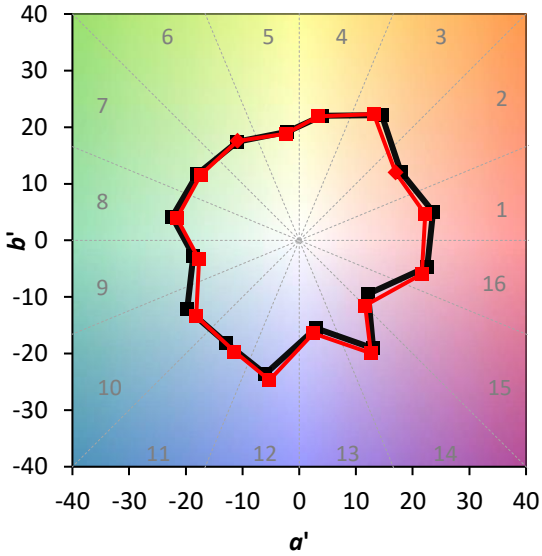
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

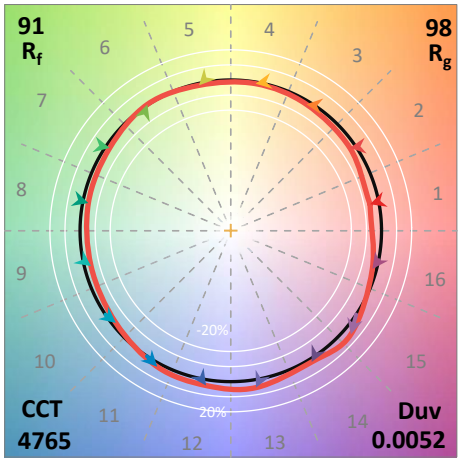
Spectral Power Distribution Comparison

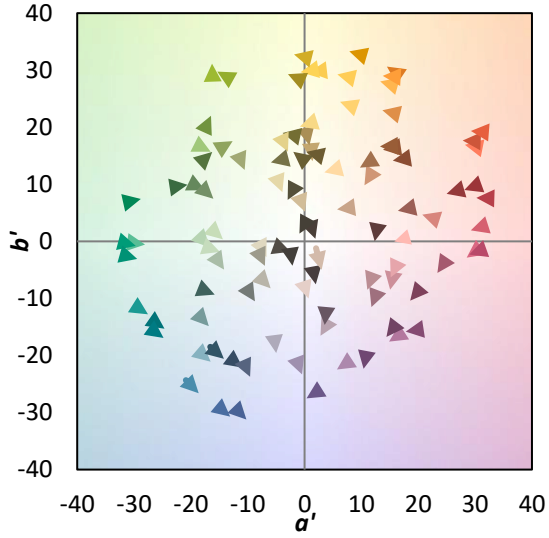


Color Vector Graphics









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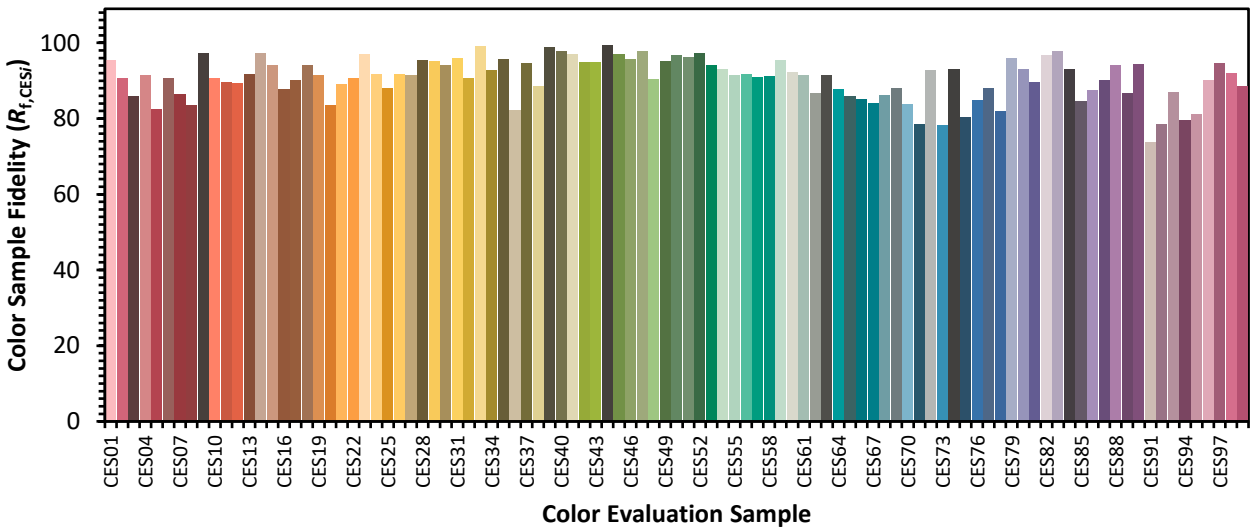
Individual Sample Fidelity Index ($R_{f,i}$)

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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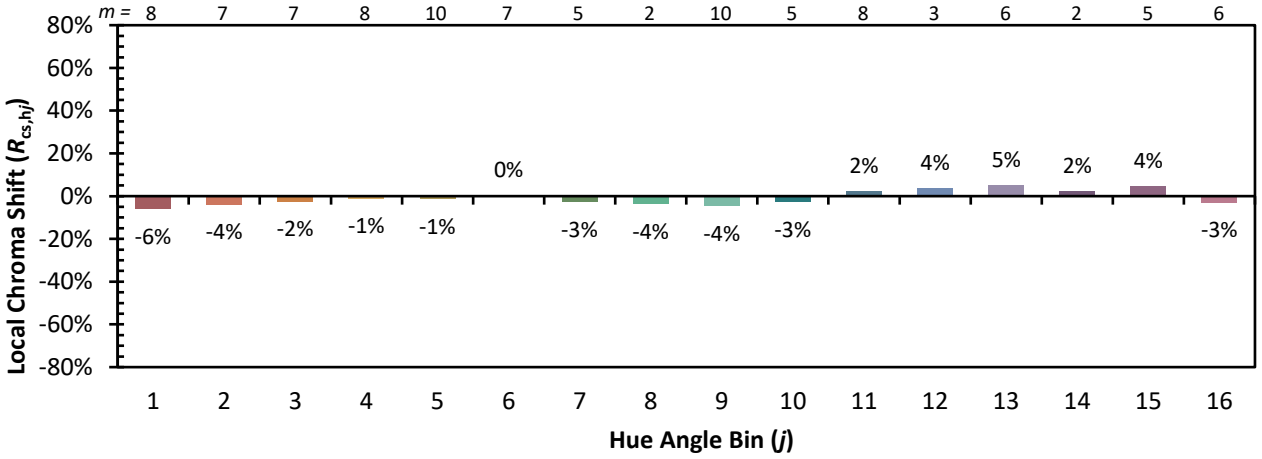
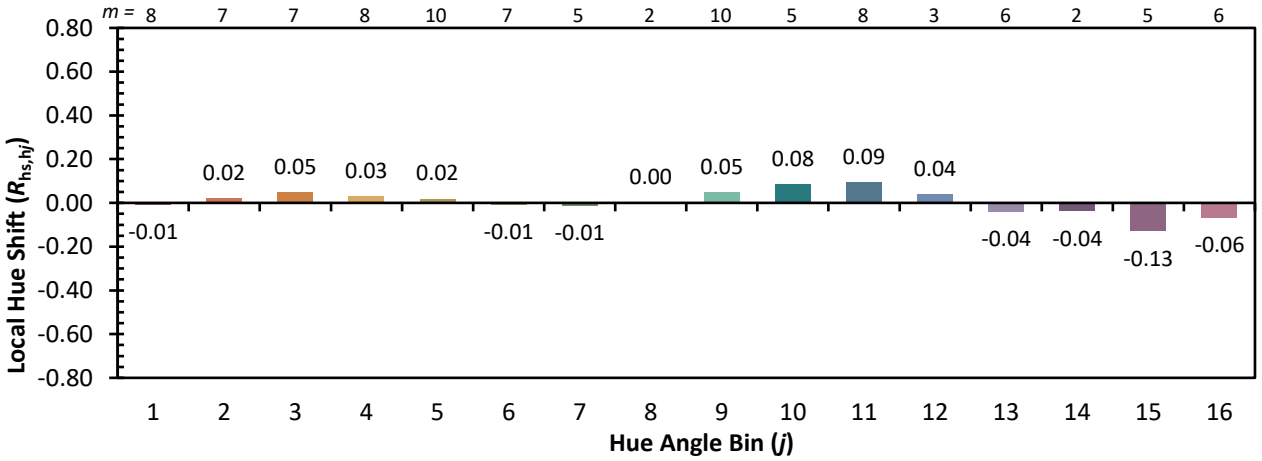
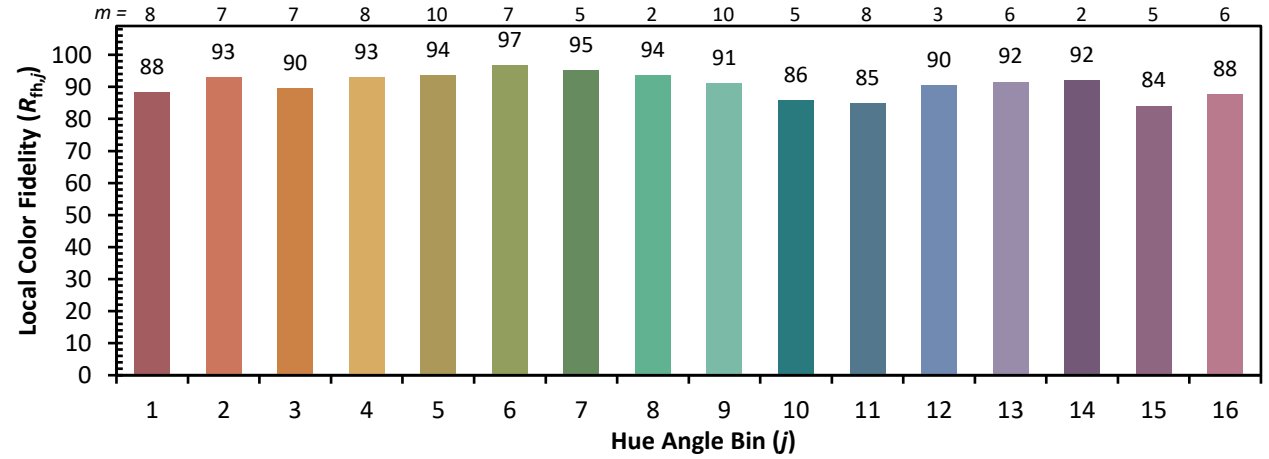
Color Rendition by Hue-Angle Bin







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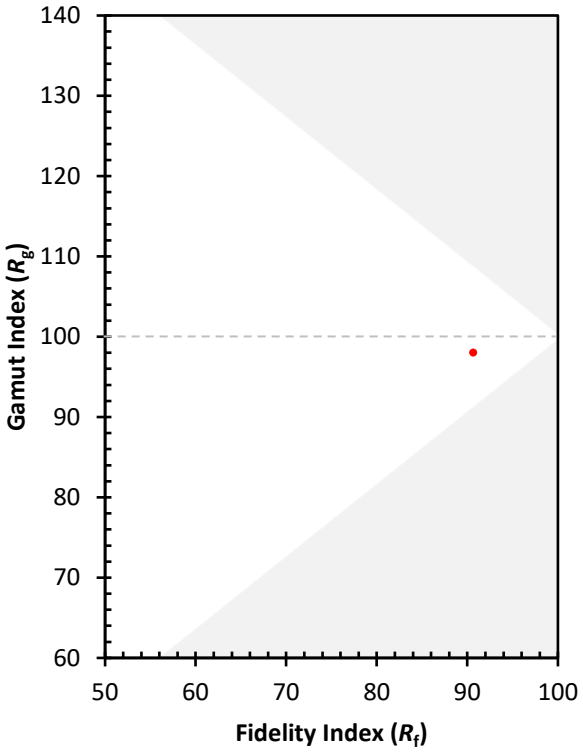
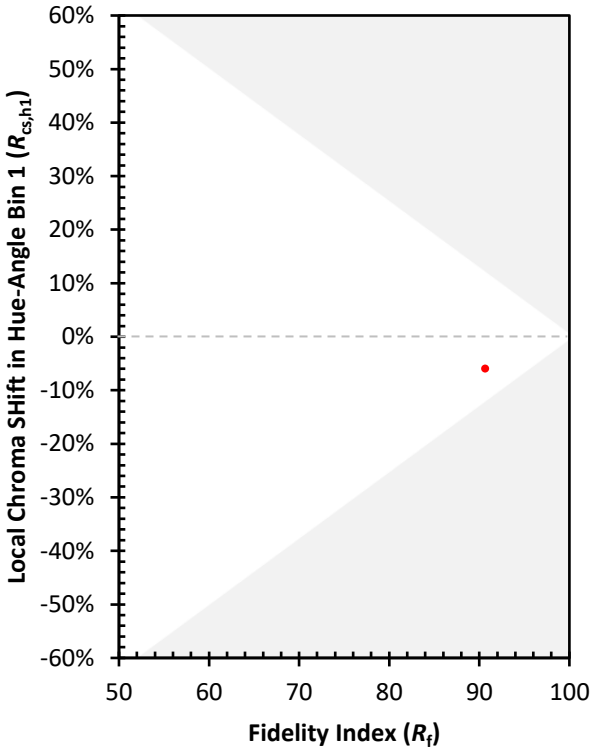
Measure Comparisons





(END OF REPORT)