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: P1048213

Luminaire Tested: **GALN-SA4A-950-U-T2BC**

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:	P1048213
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA4A-950-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11497.1 lumens
Efficiency:	N/A
Efficacy:	107.0 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	107.4
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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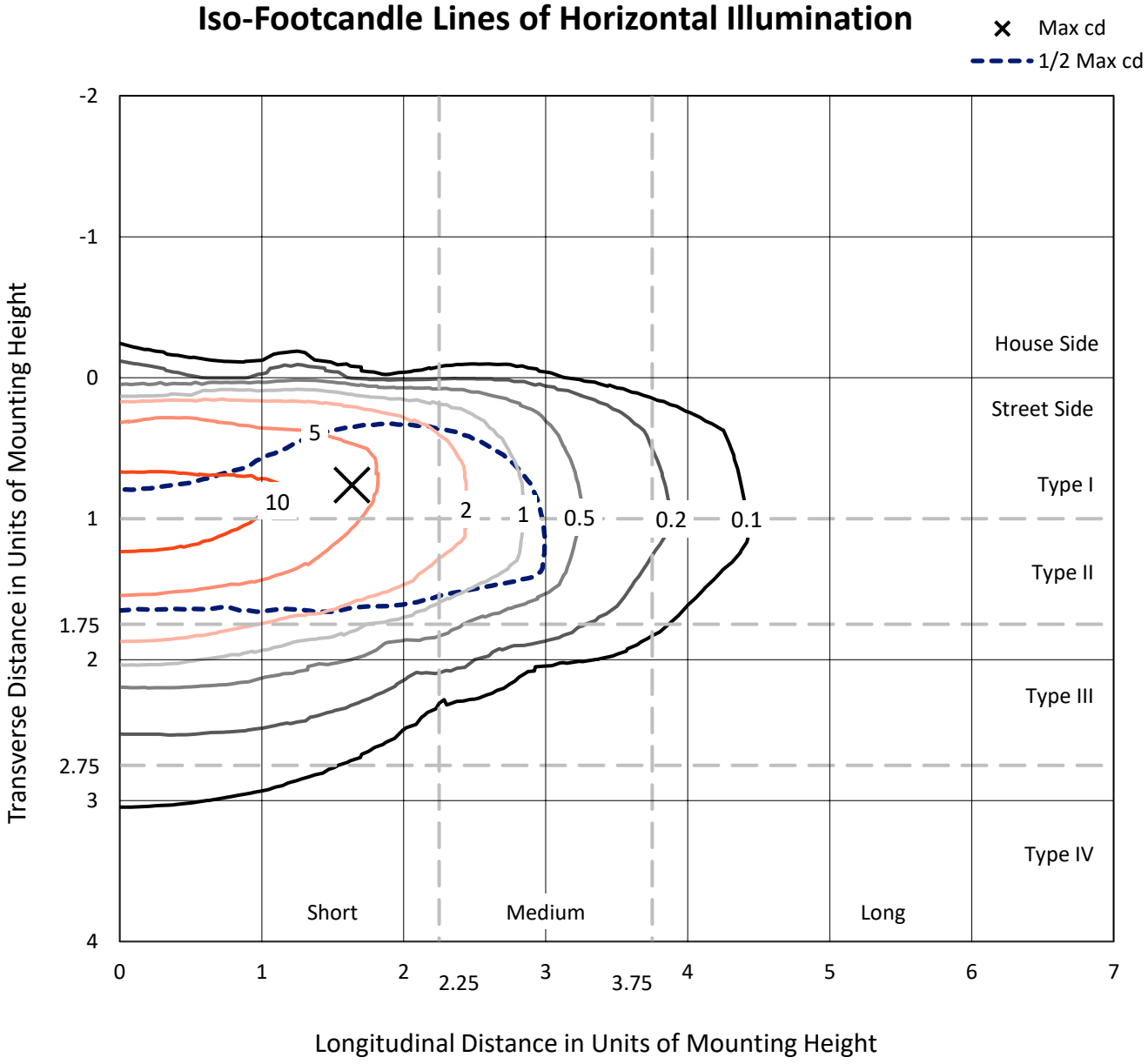
REPORT NUMBER: P1048213
CATALOG NUMBER: GALN-SA4A-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 15.2 fc
Type II - Short - N/A

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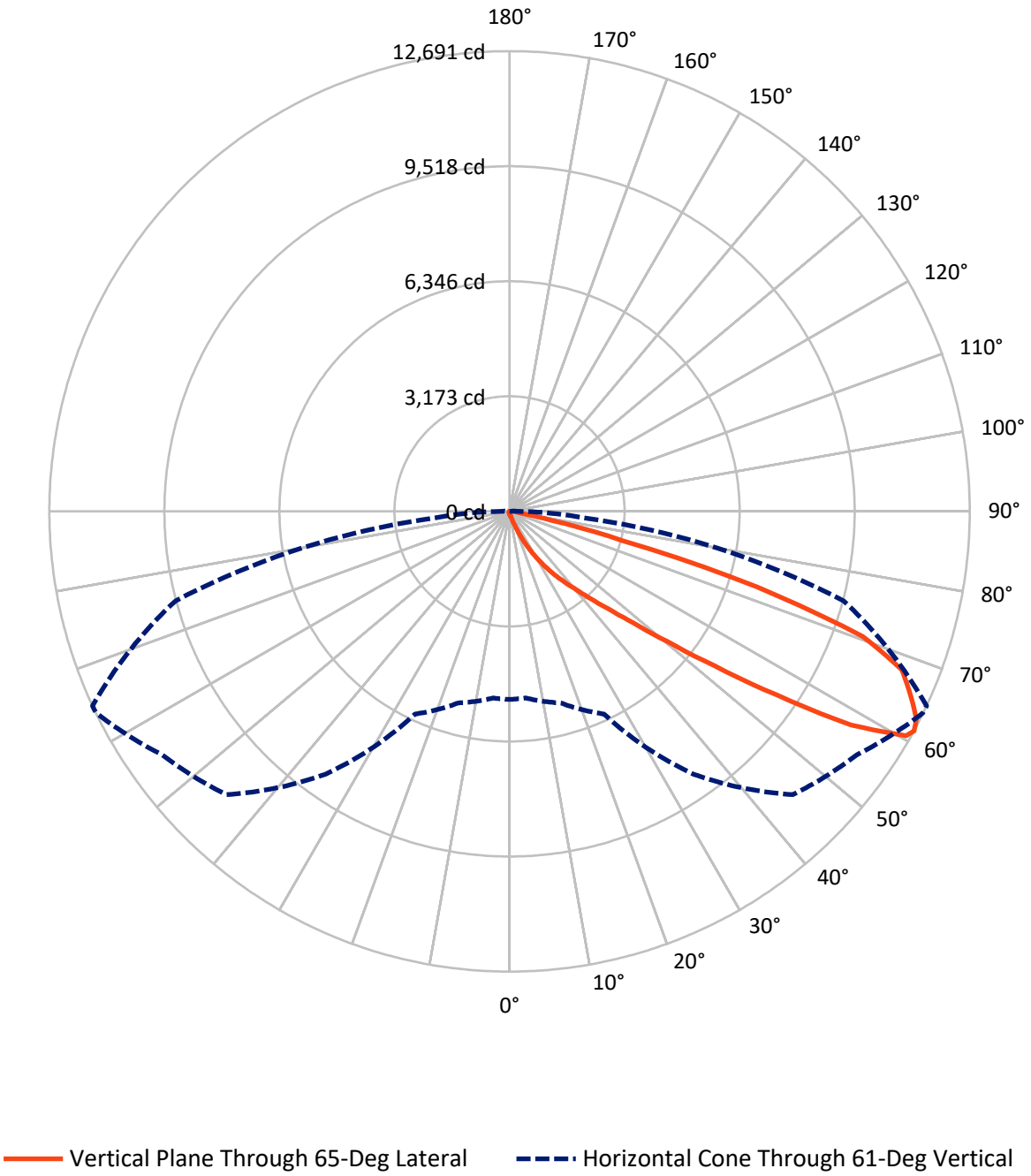
Luminous Intensity Polar Plot



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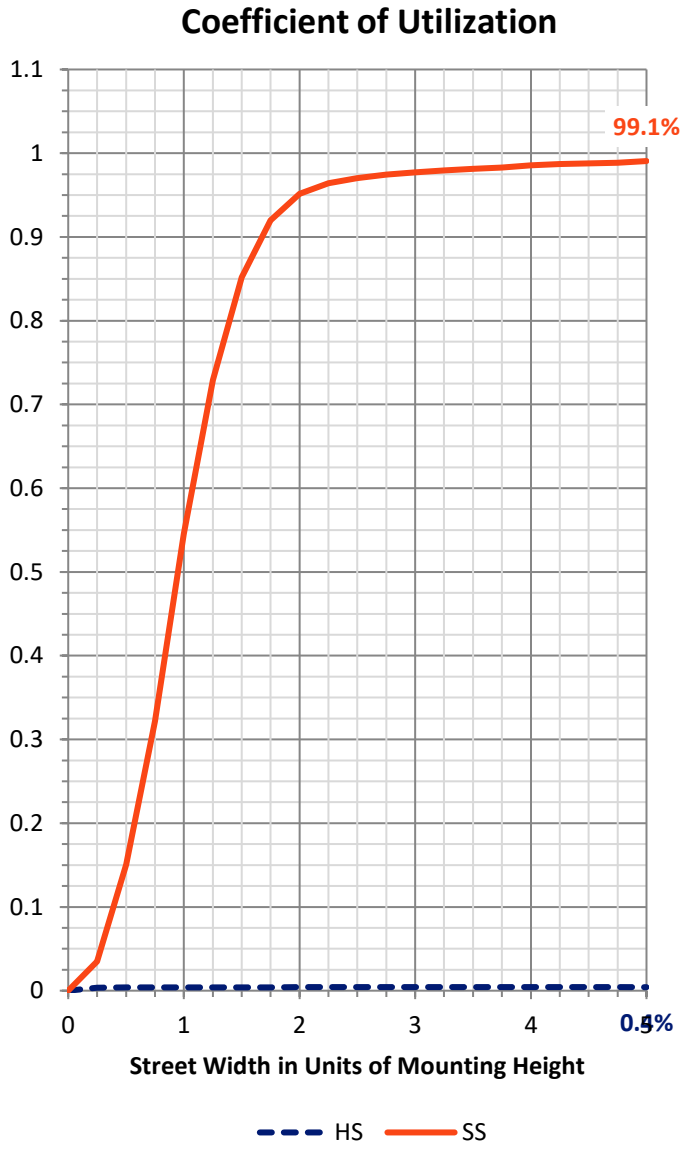
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	49.1	0.0	49.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11448.1	0.0	11448.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	11497.1	0.0	11497.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.0	0.1
10°-20°	94.5	0.8
20°-30°	339.3	3.0
30°-40°	903.3	7.9
40°-50°	2373.1	20.6
50°-60°	3676.3	32.0
60°-70°	3082.6	26.8
70°-80°	907.1	7.9
80°-90°	111.9	1.0
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°	11497.1	100.0
0°-180°	11497.1	100.0



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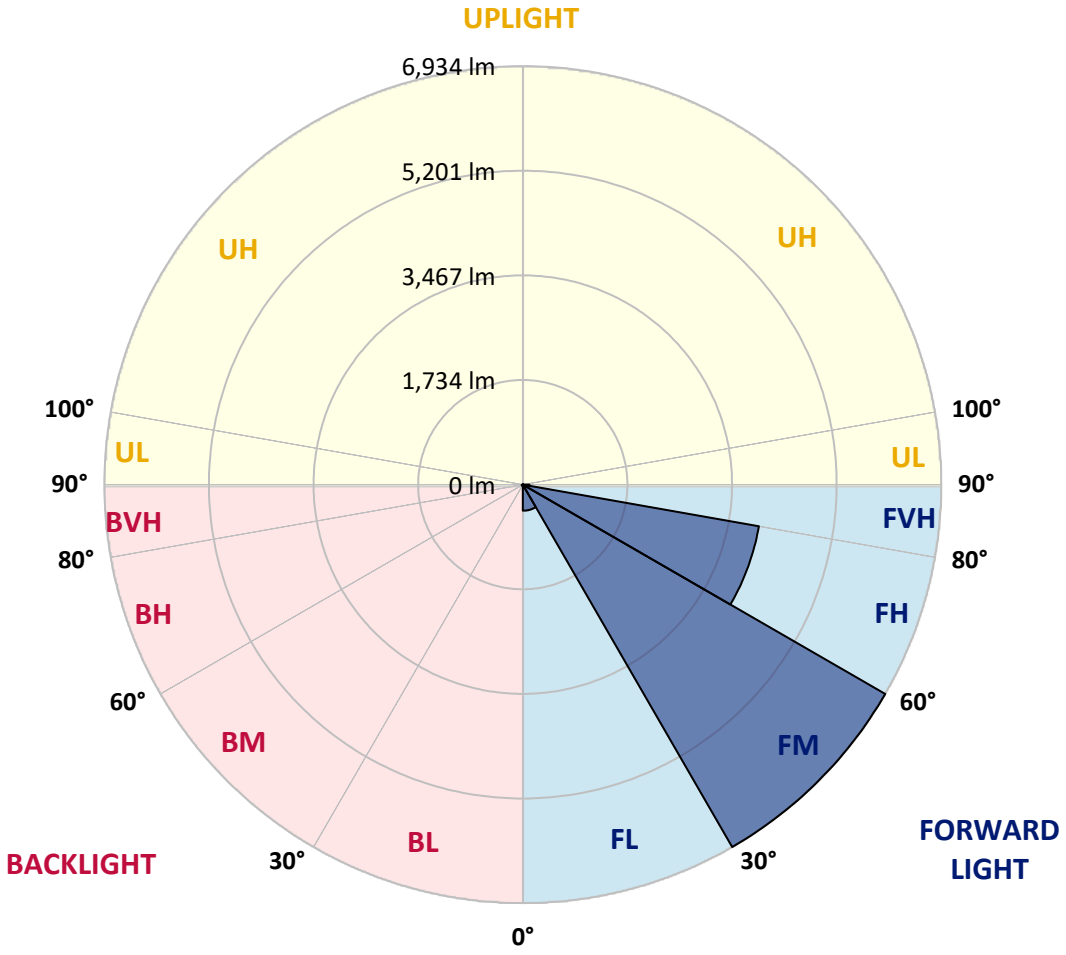
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	431.8	3.8			
FM	(30°-60°)	6934.1	60.3			
FH	(60°-80°)	3972.4	34.6			G2/5000
FVH	(80°-90°)	109.8	1.0			G2/225
BL	(0°-30°)	11.0	0.1	B0/110		
BM	(30°-60°)	18.7	0.2	B0/220		
BH	(60°-80°)	17.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	*70.4*	70.4	70.4
2.5°	85.4	86.2	84.6	81.5	79.1	79.1	78.3	75.9	*75.9*	73.6	72.0
5°	119.4	117.8	114.7	108.4	102.8	97.3	91.7	86.2	*85.4*	78.3	73.6
7.5°	195.3	196.9	186.6	166.9	150.3	128.9	109.1	97.3	*95.7*	83.8	74.3
10°	428.7	416.8	393.1	316.4	260.2	196.1	145.5	113.1	*111.5*	90.2	75.9
12.5°	781.4	771.9	728.4	649.3	504.6	351.2	212.7	140.0	*135.2*	95.7	76.7
15°	1126.2	1111.2	1087.5	1007.6	838.3	629.5	348.0	191.4	*178.7*	103.6	75.9
17.5°	1346.1	1348.5	1327.1	1293.1	1183.9	931.7	601.1	285.5	*261.0*	117.8	74.3
20°	1538.3	1532.7	1544.6	1526.4	1449.7	1266.2	874.7	452.4	*410.5*	140.8	75.1
22.5°	1759.7	1773.2	1781.9	1777.9	1693.3	1536.7	1185.5	677.0	*624.0*	182.7	77.5
25°	2056.3	2054.7	2055.5	2045.2	1963.0	1789.0	1497.1	956.2	*902.4*	250.7	83.0
27.5°	2367.1	2376.6	2380.6	2343.4	2235.8	2065.0	1785.8	1261.5	*1198.2*	359.9	90.2
30°	2791.8	2783.9	2765.7	2689.8	2559.3	2347.3	2070.5	1581.8	*1515.3*	512.5	101.2
32.5°	3364.4	3355.7	3264.0	3096.3	2900.9	2641.5	2356.8	1902.9	*1822.2*	703.1	116.3
35°	4307.9	4321.4	4096.0	3661.8	3311.4	2995.1	2674.0	2222.4	*2151.2*	938.0	136.8
37.5°	5752.9	5679.3	5373.2	4606.1	3851.6	3436.4	2976.9	2545.1	*2483.4*	1227.4	163.7
40°	7156.7	7083.9	6995.3	6268.5	4790.4	3922.8	3400.8	2923.9	*2844.0*	1554.1	203.3
42.5°	8632.5	8592.1	8588.2	8040.1	6503.4	4687.5	3910.9	3367.6	*3299.6*	1912.3	268.1
45°	9678.0	9637.7	9722.3	9818.0	8836.5	6326.3	4799.1	3944.1	*3845.3*	2347.3	371.7
47.5°	9818.8	9820.4	10046.6	10346.3	10570.1	8861.0	5982.2	4708.1	*4587.9*	2969.8	545.7
50°	9350.6	9368.8	9728.6	10264.8	10867.5	10987.7	8068.6	5816.9	*5639.0*	3707.6	792.5
52.5°	8459.3	8479.8	8981.2	9863.1	10593.8	11498.6	10525.0	7267.4	*7062.6*	4628.2	1140.4
55°	7656.5	7669.2	8244.1	9358.5	10264.0	11221.0	11983.4	9204.3	*8935.4*	5760.8	1483.7
57.5°	6861.7	6832.4	7206.5	8482.2	10207.9	10880.1	12198.5	11411.6	*11115.0*	6998.5	1751.0
60°	5798.7	5749.7	6050.2	6861.7	9469.2	11104.0	11796.0	12632.7	*12565.5*	8721.8	1957.4
61°	*5187.4*	*5166.8*	*5468.9*	*6164.9*	*8847.6*	*11047.0*	*11699.5*	*12684.1*	*12691.3*	*9537.2*	*2050.0*
62.5°	3704.5	3763.0	4224.9	5129.7	7410.6	10677.7	11712.1	12525.2	*12595.6*	10620.7	2289.6
65°	1646.6	1740.7	2099.8	2836.1	4309.5	8882.4	11599.8	12176.4	*12141.6*	10918.1	3115.3
67.5°	976.7	991.0	1169.7	1607.1	2282.5	4777.7	10236.4	11715.3	*11668.7*	9504.8	3876.1
70°	769.5	776.6	833.6	1008.4	1324.7	1830.1	5842.2	10135.9	*10339.2*	7707.1	3794.6
72.5°	730.0	728.4	736.3	767.2	834.4	907.9	2261.9	6737.5	*7151.1*	5550.4	3181.7
75°	720.5	717.3	709.4	697.6	604.2	534.6	700.7	2980.0	*3219.7*	3792.3	2395.6
77.5°	699.1	699.9	701.5	669.1	518.0	378.0	339.3	956.2	*1176.0*	2406.6	1702.8
80°	472.9	480.1	491.9	479.3	465.8	273.6	239.6	340.1	*344.8*	1350.8	1124.6
82.5°	239.6	239.6	234.1	208.8	180.3	177.9	190.6	246.8	*249.9*	683.3	529.1
85°	144.7	152.6	155.8	141.6	129.7	119.4	145.5	196.1	*203.3*	264.9	123.4
87.5°	32.4	33.2	36.4	48.2	70.4	95.7	135.2	179.5	*182.7*	170.0	15.0
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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REPORT NUMBER: P1048213
CATALOG NUMBER: GALN-SA4A-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2.5°	71.2	69.6	68.8	66.4	64.1	61.7	60.1	59.3	60.1	60.9	60.9
5°	70.4	68.0	64.1	60.1	56.9	53.8	50.6	49.8	49.8	50.6	50.6
7.5°	70.4	66.4	60.9	56.2	51.4	46.7	44.3	42.7	43.5	43.5	43.5
10°	70.4	65.6	58.5	51.4	45.9	40.3	36.4	34.8	34.8	34.8	34.8
12.5°	69.6	64.9	56.2	47.5	39.5	33.2	28.5	26.1	26.9	26.9	26.9
15°	68.0	62.5	53.0	40.3	31.6	25.3	20.6	18.2	19.0	20.6	21.4
17.5°	65.6	60.1	47.5	34.0	25.3	19.0	14.2	12.7	13.4	15.8	15.8
20°	64.9	57.7	41.9	27.7	19.0	13.4	9.5	7.9	8.7	11.9	12.7
22.5°	64.9	56.2	38.0	22.9	14.2	8.7	5.5	3.2	3.2	5.5	5.5
25°	65.6	55.4	34.8	19.0	10.3	6.3	3.2	1.6	3.2	8.7	10.3
27.5°	67.2	54.6	33.2	15.8	7.9	5.5	2.4	5.5	9.5	9.5	9.5
30°	68.8	53.0	30.8	13.4	7.1	4.0	4.0	7.9	7.9	9.5	10.3
32.5°	71.2	52.2	29.3	11.9	5.5	3.2	5.5	4.7	4.7	5.5	6.3
35°	75.9	53.0	27.7	11.9	5.5	4.0	4.7	2.4	1.6	1.6	1.6
37.5°	82.3	53.8	25.3	10.3	4.7	4.7	2.4	0.0	0.0	0.0	0.0
40°	92.5	56.2	23.7	9.5	4.0	4.0	0.8	0.0	0.0	0.0	0.0
42.5°	109.9	60.9	22.9	8.7	4.0	3.2	0.0	0.0	0.0	0.0	0.0
45°	144.7	72.0	21.4	7.9	4.0	1.6	0.0	0.0	0.0	0.0	0.0
47.5°	208.0	98.1	20.6	6.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	303.7	132.9	19.8	5.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	387.5	140.0	13.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	397.0	96.5	10.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	316.4	62.5	8.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	239.6	47.5	7.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*230.1*	*42.7*	*7.9*	*0.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	253.9	37.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	412.8	30.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	717.3	26.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	906.3	25.3	4.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	790.1	22.9	4.7	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	475.3	19.8	4.7	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	249.1	15.0	4.7	4.0	2.4	0.8	0.0	0.0	0.0	0.0	0.0
80°	121.0	13.4	5.5	4.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0
82.5°	47.5	11.1	6.3	5.5	4.0	2.4	0.8	0.0	0.0	0.0	0.0
85°	21.4	9.5	7.1	6.3	5.5	3.2	0.8	0.0	0.0	0.0	0.0
87.5°	11.1	8.7	7.9	7.1	5.5	4.0	1.6	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

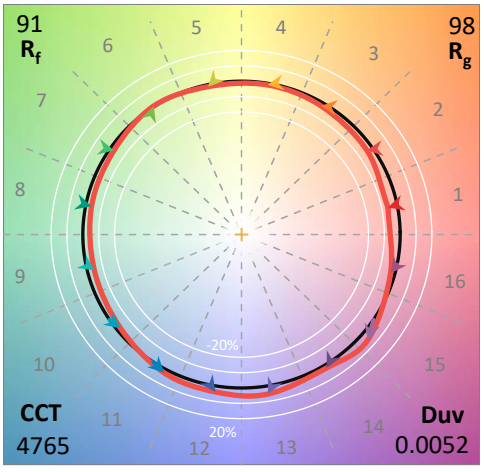
Test Information

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

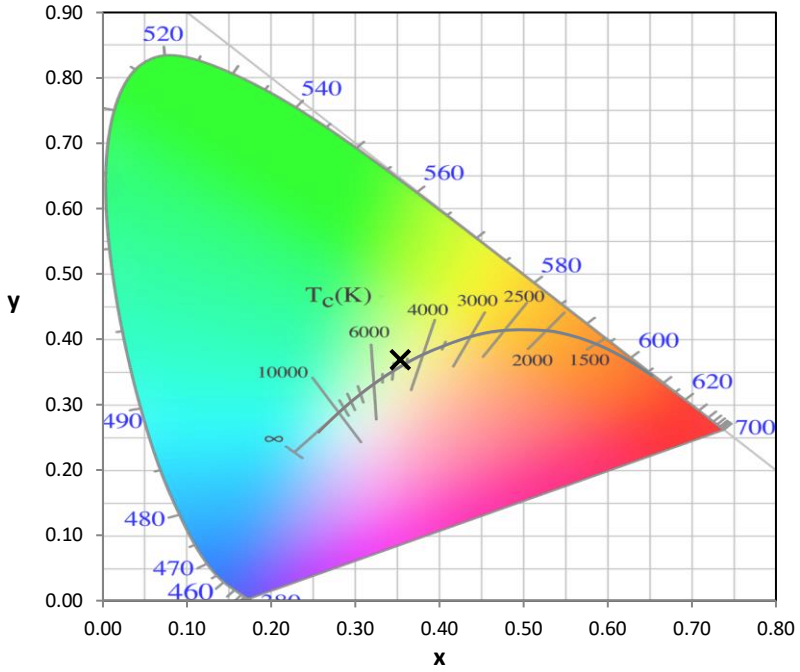
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

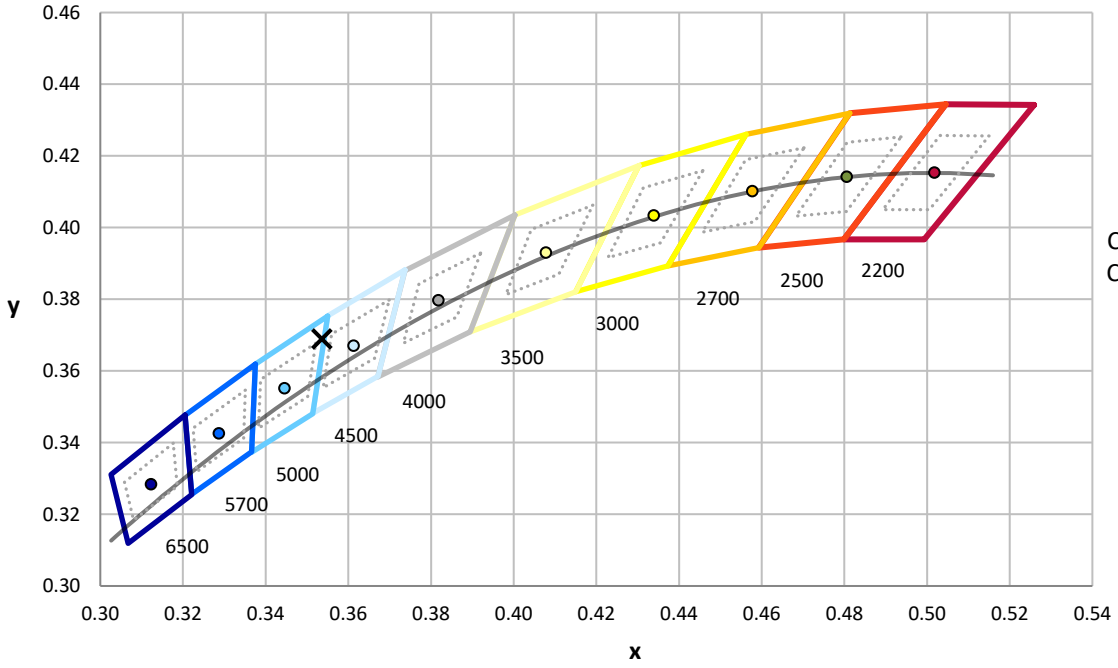
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



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

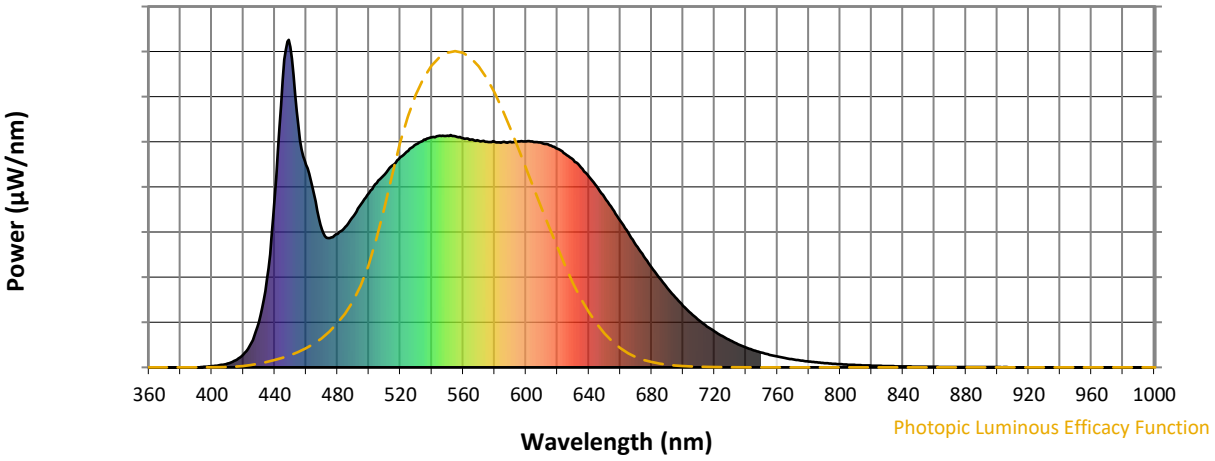


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

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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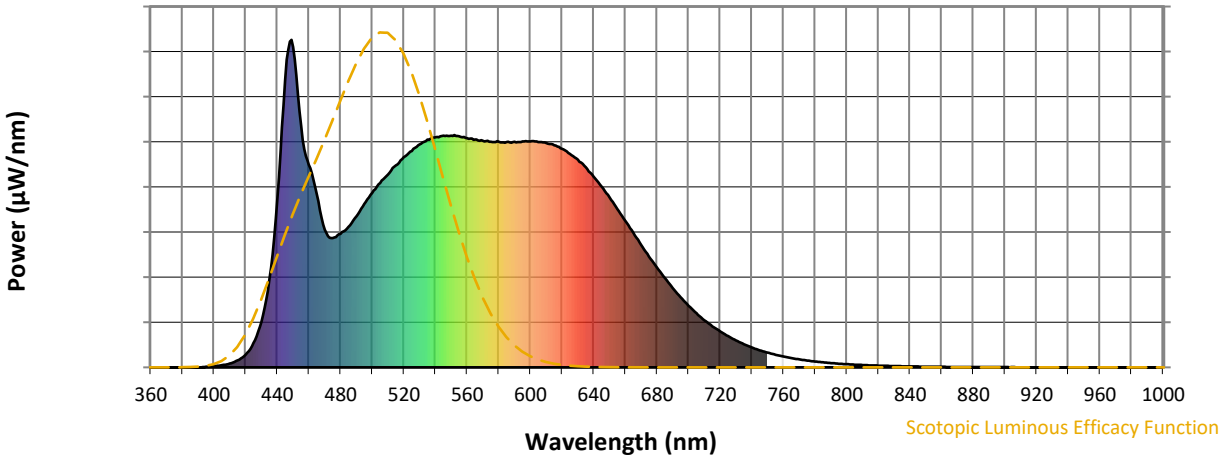
Scotopic Flux vs. Wavelength



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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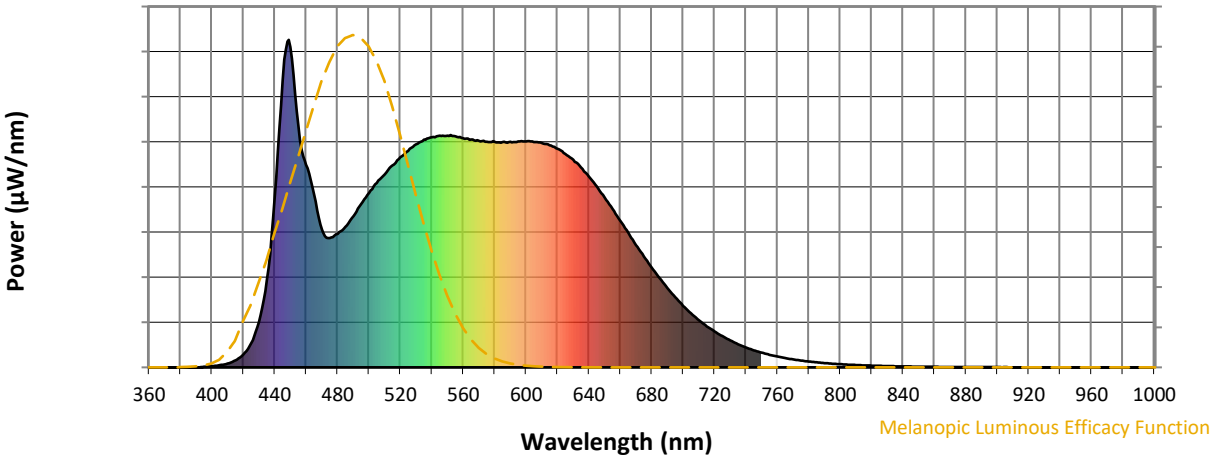
Melanopic Flux vs. Wavelength



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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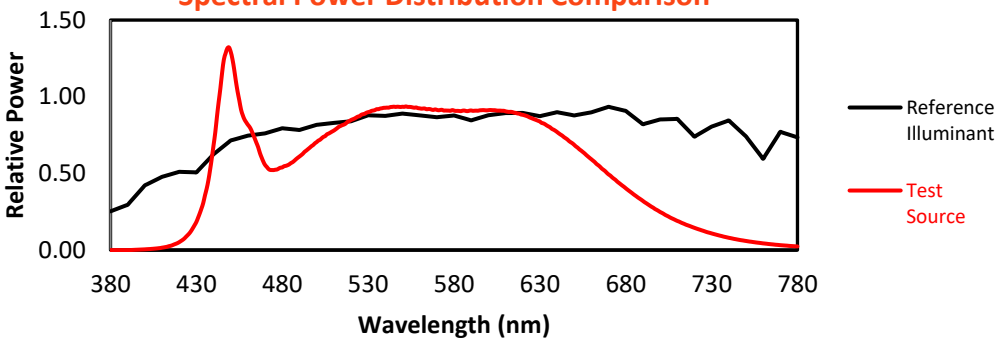
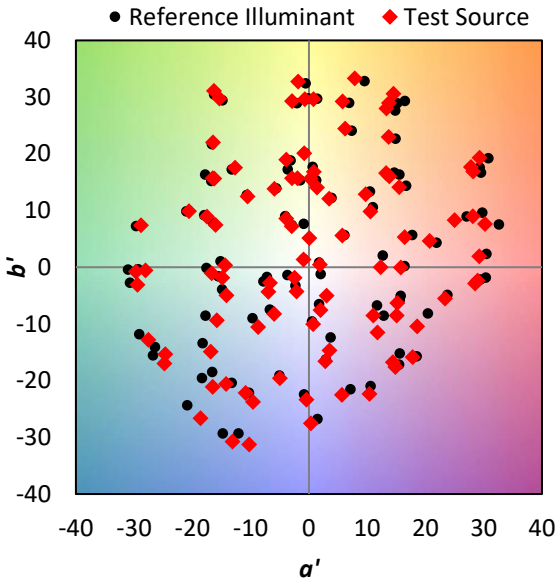
Summary

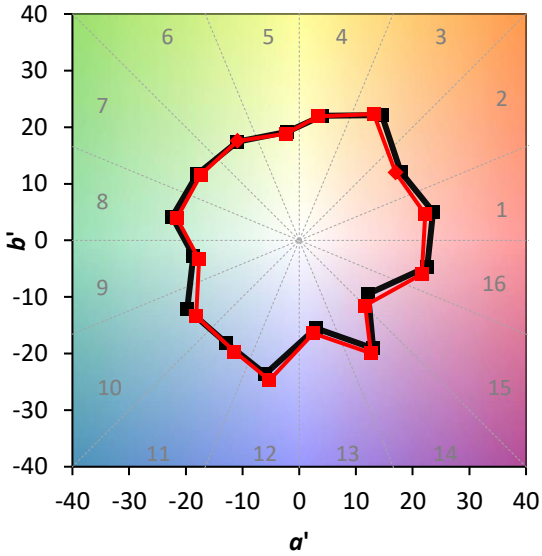
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

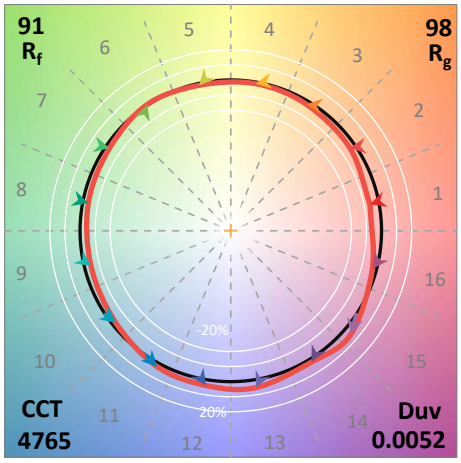
Spectral Power Distribution Comparison

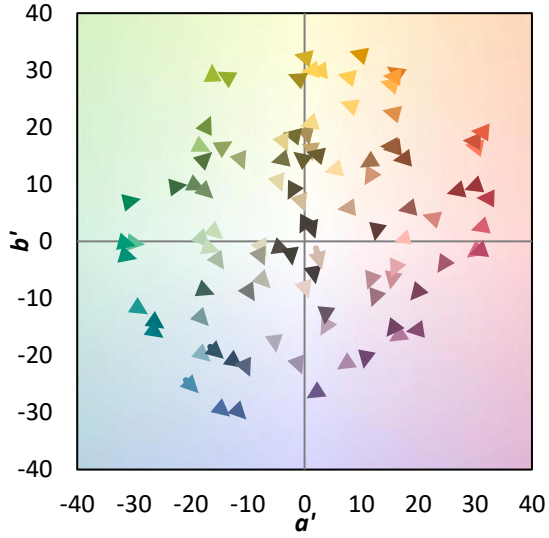


Color Vector Graphics









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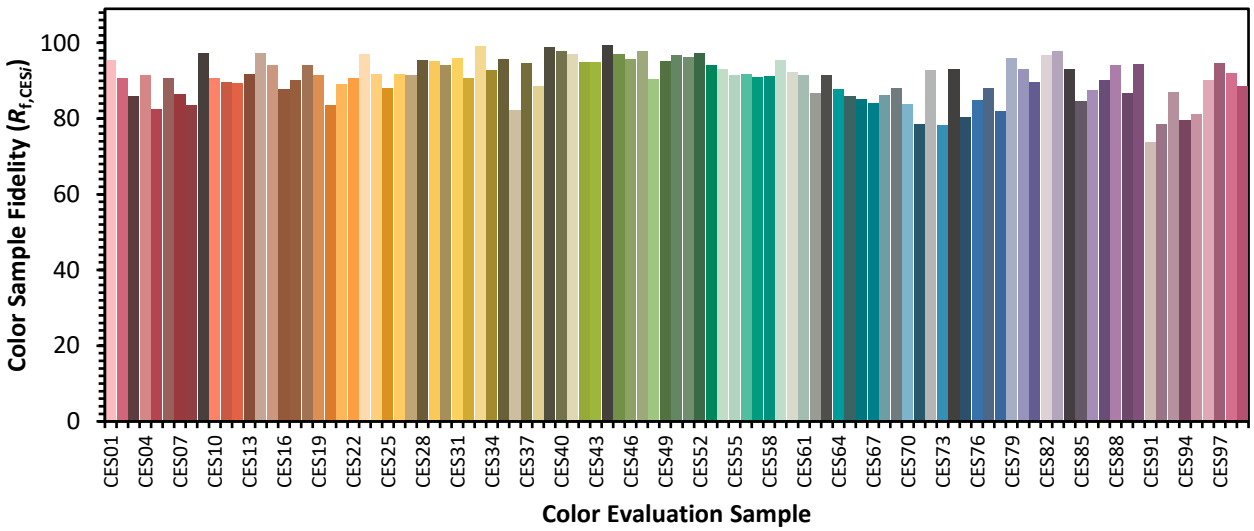
Individual Sample Fidelity Index ($R_{f,i}$)

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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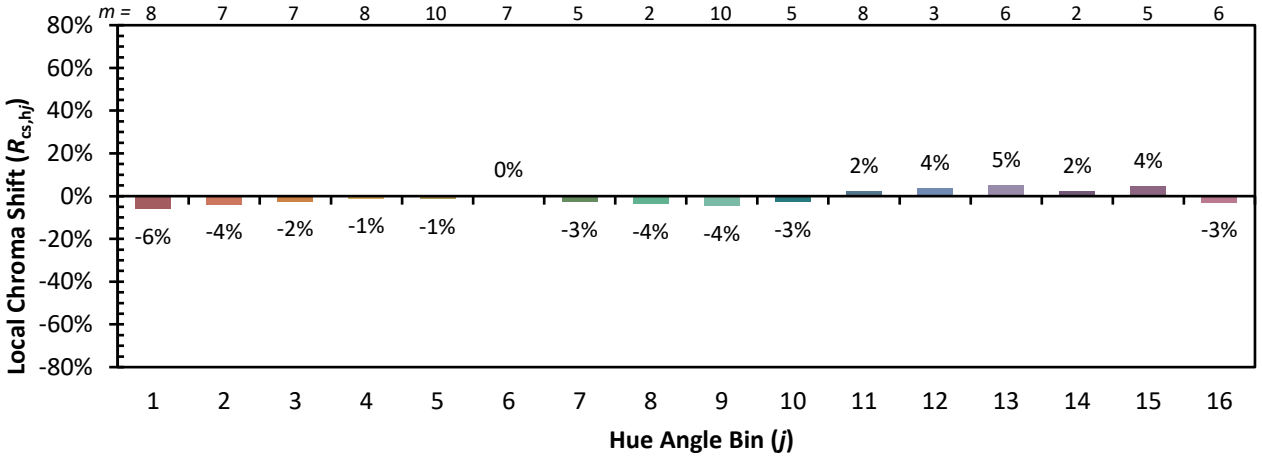
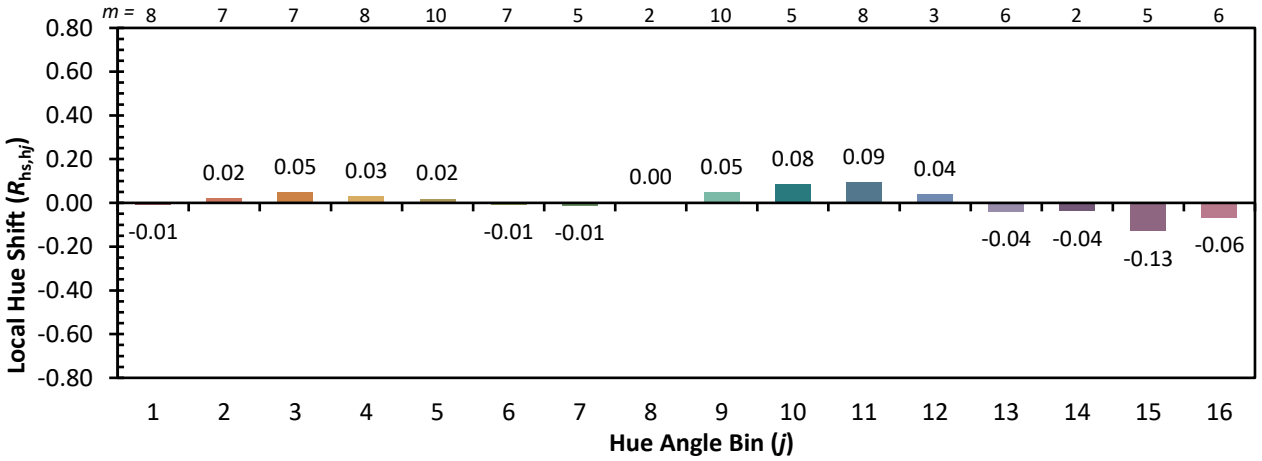
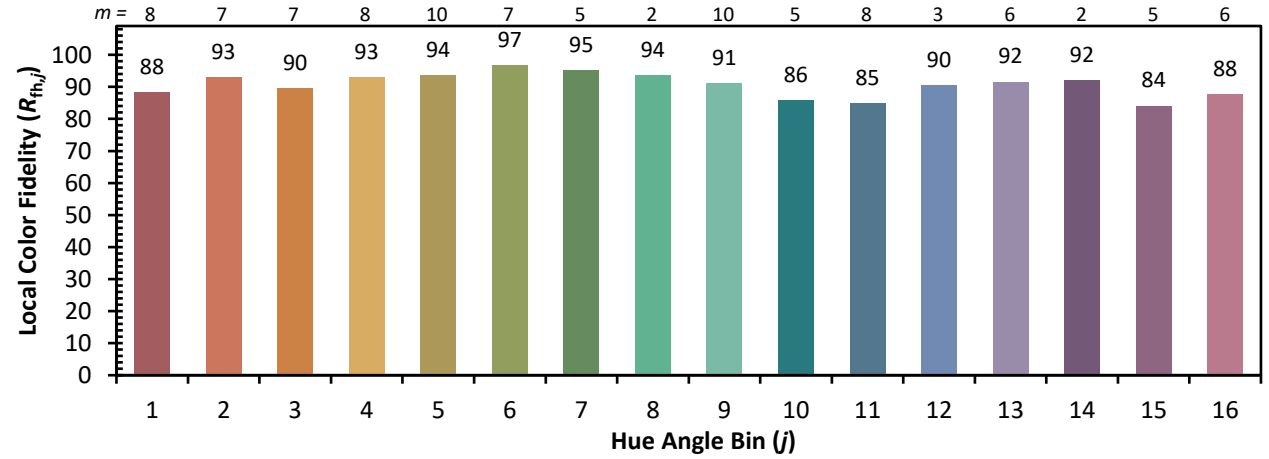
Color Rendition by Hue-Angle Bin







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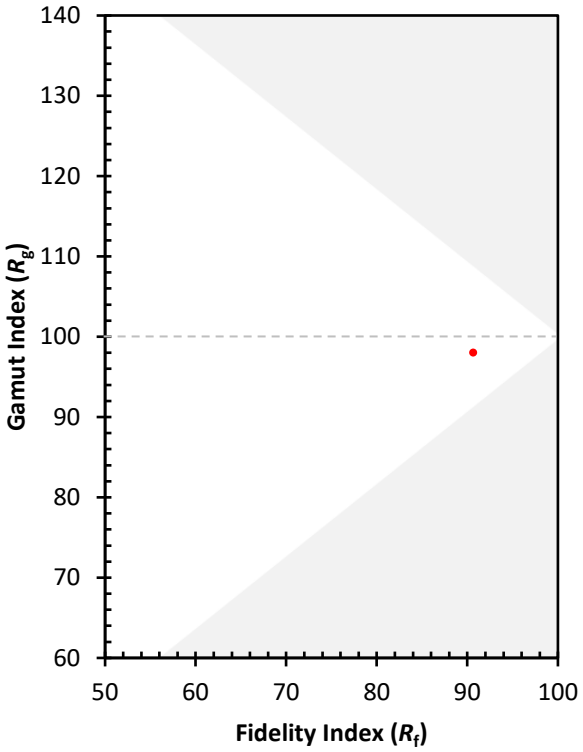
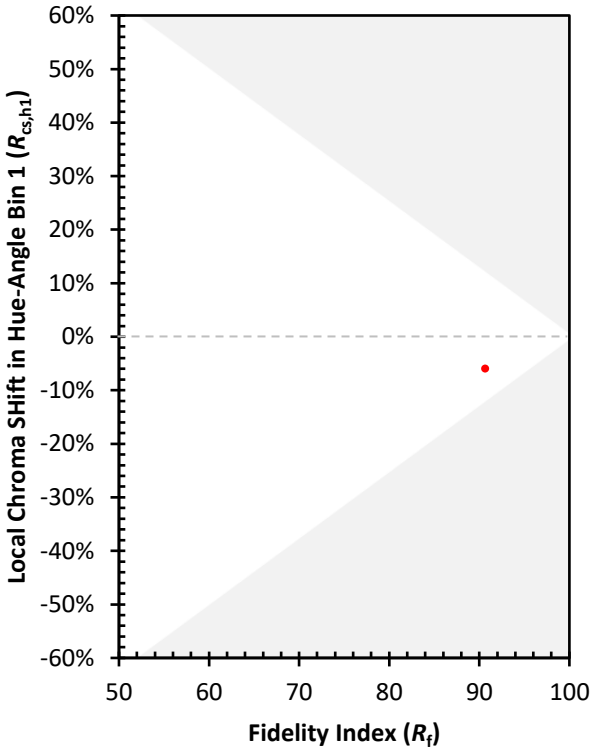
Measure Comparisons





(END OF REPORT)