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: P1048846

Luminaire Tested: **GALN-SA9B-950-U-T4BC**

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:	P1048846
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-950-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	31771.8 lumens
Efficiency:	N/A
Efficacy:	101.6 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

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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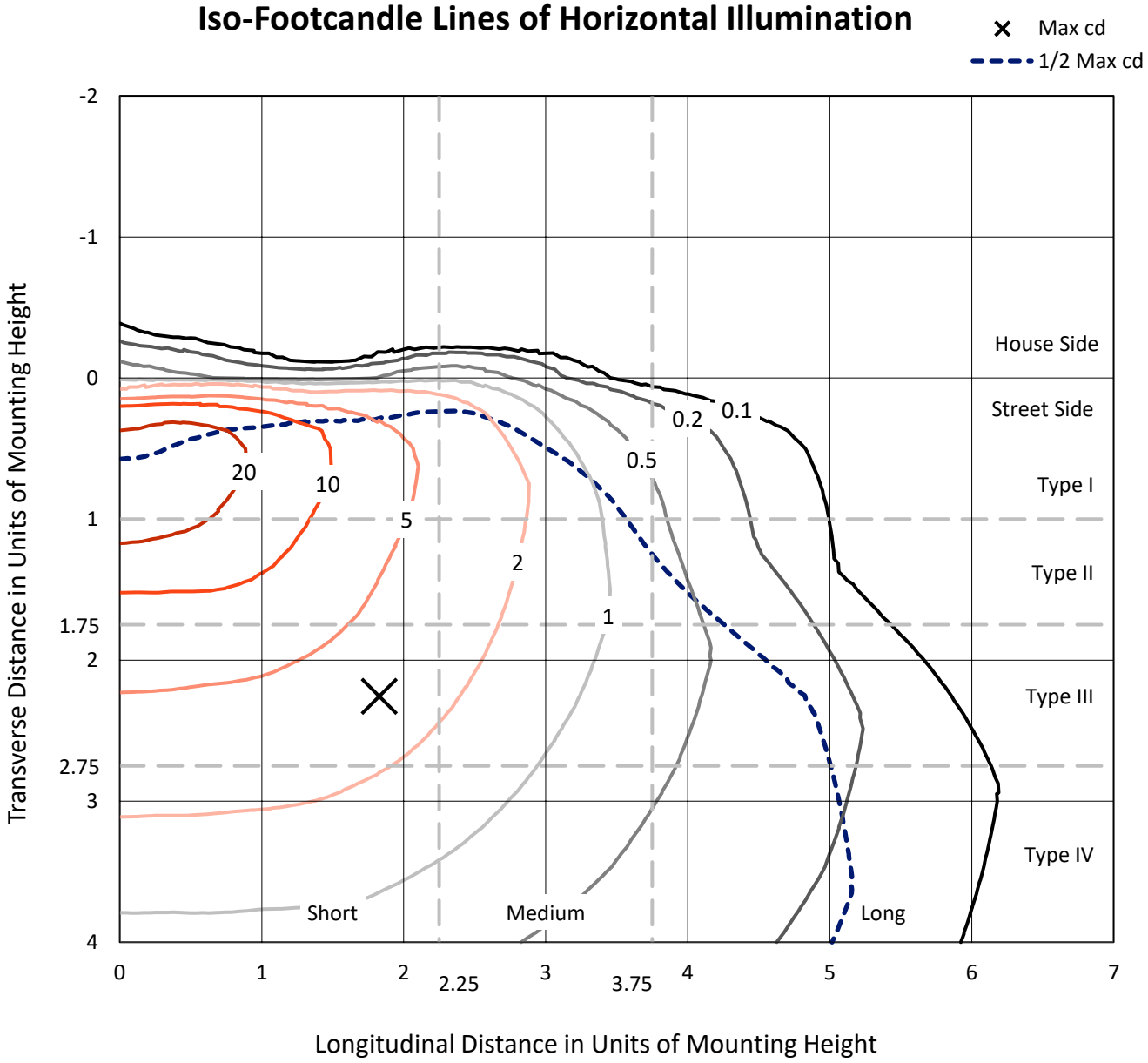
REPORT NUMBER: P1048846
CATALOG NUMBER: GALN-SA9B-950-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 32.7 fc
Type IV - Short - N/A

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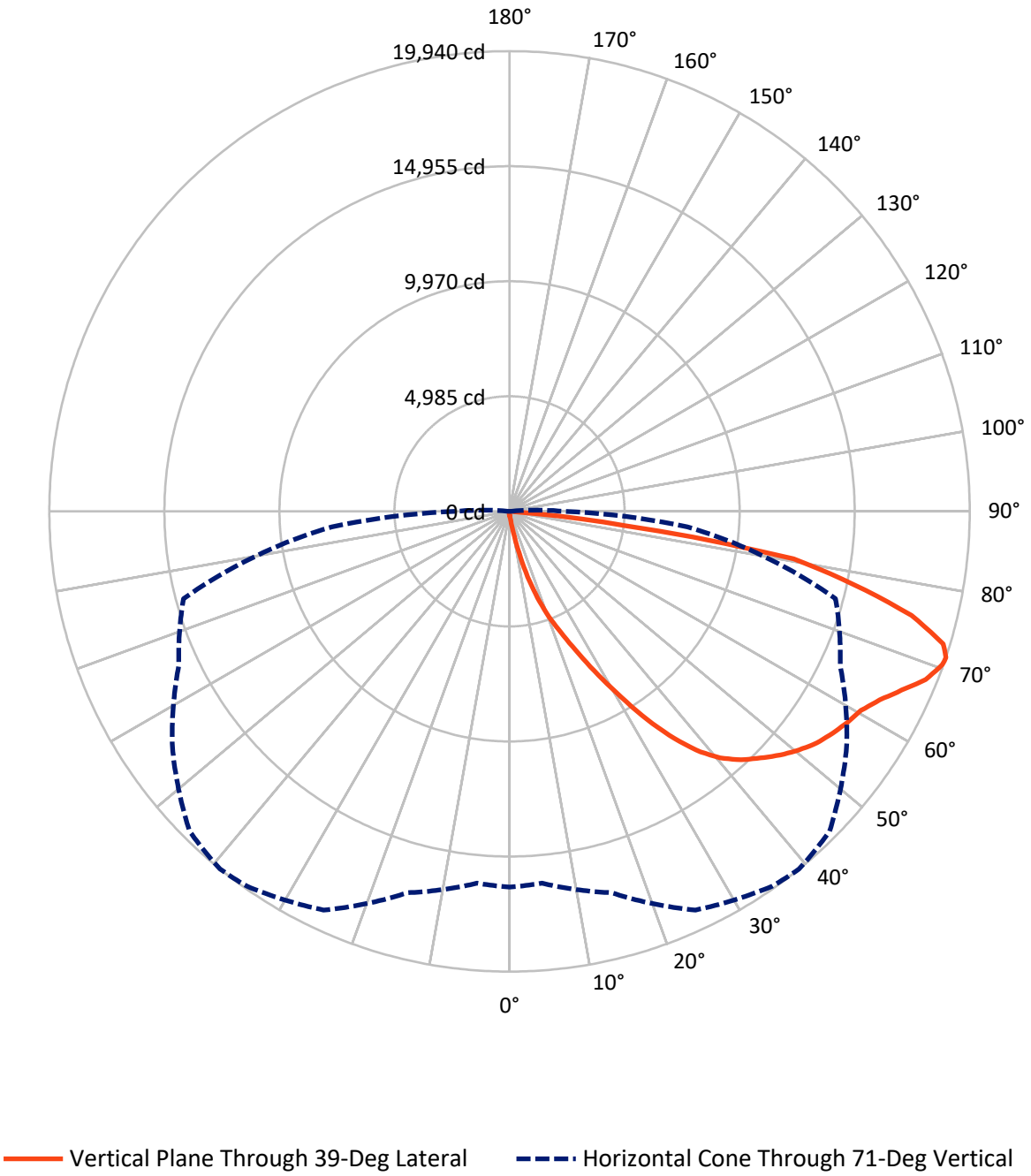
Luminous Intensity Polar Plot



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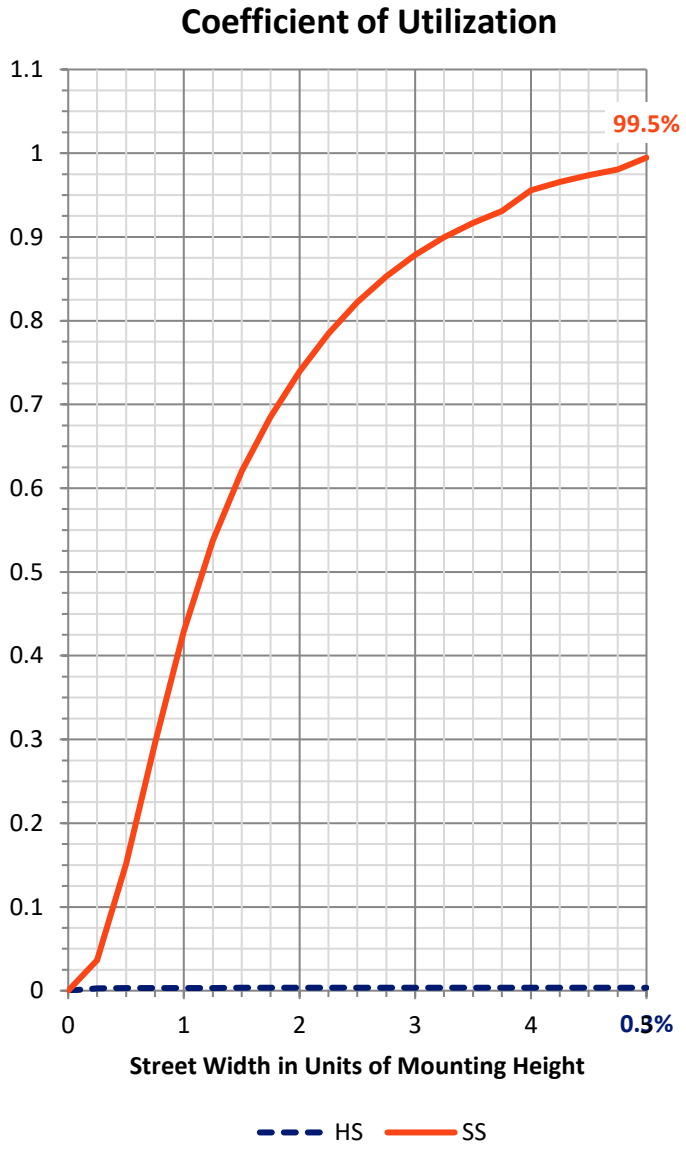
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	112.9	0.0	112.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31658.9	0.0	31658.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	31771.8	0.0	31771.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	0.1
10°-20°	339.6	1.1
20°-30°	1209.3	3.8
30°-40°	2914.6	9.2
40°-50°	4877.7	15.4
50°-60°	6264.9	19.7
60°-70°	7928.2	25.0
70°-80°	7068.4	22.2
80°-90°	1142.6	3.6
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°	31771.8	100.0
0°-180°	31771.8	100.0



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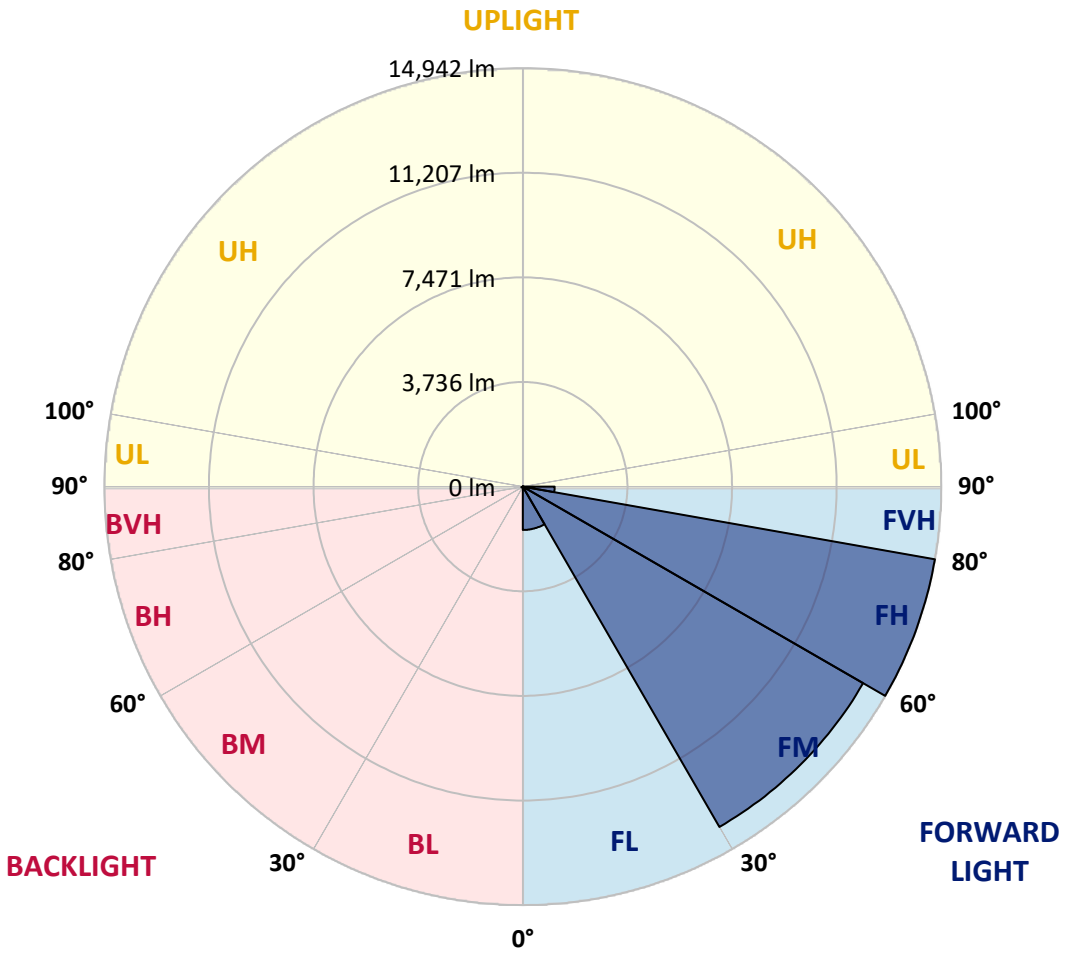
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1548.1	4.9			
FM	(30°-60°)	14031.1	44.2			
FH	(60°-80°)	14942.3	47.0			G5
FVH	(80°-90°)	1137.4	3.6			G5
BL	(0°-30°)	27.3	0.1	B0/110		
BM	(30°-60°)	26.1	0.1	B0/220		
BH	(60°-80°)	54.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	174.2	174.2	174.2	174.2	174.2	*174.2*	174.2	174.2	174.2	174.2	174.2
2.5°	200.0	200.0	200.0	193.6	193.6	*191.4*	189.3	189.3	185.0	182.8	178.5
5°	303.3	296.8	281.8	273.1	255.9	*245.2*	234.4	219.4	204.3	193.6	180.7
7.5°	686.1	701.2	651.7	559.2	464.6	*423.7*	354.9	286.1	236.6	204.3	182.8
10°	1748.6	1740.0	1572.2	1387.3	1071.1	*944.2*	739.9	466.7	305.4	223.7	185.0
12.5°	2974.5	2965.9	2768.1	2516.4	2099.2	*1834.6*	1447.5	871.1	438.8	253.8	185.0
15°	4004.8	3970.3	3908.0	3658.5	3170.3	*2948.7*	2436.8	1540.0	709.8	305.4	189.3
17.5°	4686.6	4656.4	4598.4	4508.0	4198.3	*3935.9*	3525.1	2419.6	1148.5	395.7	197.9
20°	5312.4	5290.9	5243.6	5226.4	5026.4	*4886.6*	4546.8	3430.5	1789.4	537.7	210.8
22.5°	6172.7	6127.6	6146.9	6043.7	5848.0	*5680.2*	5471.6	4488.7	2572.3	774.3	234.4
25°	7226.6	7205.1	7151.3	7078.2	6807.2	*6661.0*	6340.5	5486.6	3447.7	1084.0	260.2
27.5°	8499.9	8476.2	8463.3	8295.6	7983.7	*7824.5*	7377.2	6428.7	4432.8	1518.5	294.7
30°	9966.7	9977.5	9893.6	9678.5	9315.0	*9091.4*	8631.1	7415.9	5441.5	2028.2	331.2
32.5°	11485.2	11463.7	11334.6	11080.8	10756.1	*10547.4*	9962.4	8497.7	6499.7	2701.4	374.2
35°	13121.9	13081.0	12741.2	12450.9	12173.4	*11911.0*	11377.6	9753.8	7557.8	3456.3	432.3
37.5°	14773.7	14582.3	13900.5	13532.7	13341.3	*13126.2*	12629.4	11093.7	8609.6	4299.4	503.3
40°	16021.2	15872.8	15064.1	14386.6	14233.9	*14051.1*	13681.1	12250.8	9728.0	5204.9	589.3
42.5°	16711.6	16629.8	15902.9	15234.0	14874.8	*14713.5*	14397.3	13261.7	10833.5	6205.0	714.1
45°	17006.2	16879.3	16393.3	16081.4	15509.3	*15242.6*	14866.2	14025.2	11988.5	7340.6	888.3
47.5°	16915.9	16842.8	16494.3	16608.3	16193.2	*15778.1*	15225.4	14610.3	12975.7	8644.0	1127.0
50°	16348.1	16285.7	16178.2	16795.4	16743.8	*16253.5*	15689.9	15072.7	13782.2	9988.2	1496.9
52.5°	15268.4	15242.6	15517.9	16649.2	17055.7	*16672.9*	16137.3	15481.3	14535.0	11392.7	2026.0
55°	13876.8	13982.2	14769.4	16421.2	17214.8	*16982.6*	16533.1	15864.2	15139.3	12648.7	2806.8
57.5°	13304.7	13332.7	14315.6	16259.9	17285.8	*17255.7*	16918.0	16229.8	15694.2	13653.2	3998.3
60°	13973.6	13930.6	14448.9	16382.5	17427.8	*17500.9*	17260.0	16569.6	16176.0	14515.6	5585.6
62.5°	15182.4	15158.7	15324.3	16905.1	17842.9	*17991.3*	17735.3	16814.8	16601.9	15083.4	7396.5
65°	16262.1	16212.6	16520.1	17832.1	18572.0	*18677.4*	18453.7	17234.2	16789.0	15496.4	9097.8
67.5°	16728.8	16718.0	17212.7	18713.9	19337.7	*19451.7*	19255.9	17812.8	16746.0	15627.6	9848.4
70°	16515.8	16475.0	17266.5	19088.2	19770.0	*19899.0*	19709.8	18027.8	16279.3	15212.5	8736.5
71°	*16281.4*	*16171.7*	*17105.2*	*19062.4*	*19830.2*	*19939.9*	*19608.7*	*17832.1*	*15810.4*	*14623.2*	*7727.8*
72.5°	15554.4	15573.8	16662.1	18793.5	19686.1	*19653.8*	19036.6	17131.0	15244.7	13285.4	6207.2
75°	13765.0	13879.0	15227.5	17664.4	18399.9	*17989.1*	17044.9	15791.0	14109.1	9525.8	4310.2
77.5°	11248.6	11418.5	12900.4	15492.1	15283.4	*15242.6*	15203.9	13913.4	12048.7	5116.7	2998.2
80°	5370.5	5738.3	7781.5	11059.3	12014.3	*12476.7*	12186.3	11212.0	9317.2	2436.8	1791.6
82.5°	350.6	346.3	490.4	929.1	3916.6	*5062.9*	8043.9	8013.8	6495.4	1187.2	731.3
85°	165.6	169.9	187.1	212.9	247.3	*271.0*	374.2	2193.8	3107.9	565.7	159.2
87.5°	96.8	98.9	116.1	148.4	193.6	*215.1*	255.9	329.1	404.3	311.9	34.4
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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CATALOG NUMBER: GALN-SA9B-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	174.2	174.2	174.2	174.2	174.2	174.2	174.2	174.2	174.2	174.2	174.2
2.5°	176.4	174.2	167.8	161.3	154.9	150.6	148.4	150.6	150.6	152.7	152.7
5°	176.4	169.9	159.2	146.3	137.6	129.0	124.7	122.6	124.7	124.7	124.7
7.5°	174.2	163.5	148.4	133.3	122.6	111.8	107.5	105.4	105.4	107.5	107.5
10°	169.9	159.2	139.8	122.6	109.7	96.8	90.3	83.9	83.9	83.9	86.0
12.5°	167.8	152.7	129.0	111.8	94.6	79.6	66.7	60.2	62.4	62.4	62.4
15°	163.5	146.3	122.6	101.1	79.6	60.2	49.5	43.0	45.2	47.3	45.2
17.5°	163.5	144.1	114.0	88.2	62.4	45.2	36.6	32.3	32.3	34.4	34.4
20°	163.5	139.8	107.5	75.3	47.3	34.4	25.8	23.7	23.7	28.0	30.1
22.5°	167.8	139.8	98.9	62.4	38.7	25.8	19.4	17.2	19.4	23.7	25.8
25°	174.2	137.6	90.3	55.9	32.3	19.4	15.1	10.8	12.9	17.2	19.4
27.5°	180.7	135.5	81.7	49.5	25.8	15.1	10.8	8.6	6.5	8.6	8.6
30°	187.1	135.5	73.1	40.9	21.5	10.8	6.5	4.3	2.2	0.0	0.0
32.5°	191.4	131.2	66.7	32.3	17.2	8.6	4.3	2.2	0.0	0.0	0.0
35°	195.7	126.9	58.1	25.8	12.9	6.5	2.2	0.0	0.0	0.0	0.0
37.5°	200.0	120.4	49.5	21.5	10.8	4.3	0.0	0.0	0.0	0.0	0.0
40°	204.3	111.8	40.9	19.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	208.6	105.4	34.4	15.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0
45°	219.4	101.1	28.0	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	238.7	96.8	25.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	266.7	92.5	23.7	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	305.4	90.3	21.5	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	374.2	88.2	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	492.5	86.0	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	754.9	81.7	19.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1348.5	79.6	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2350.8	81.7	17.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3370.3	86.0	15.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2884.2	75.3	15.1	8.6	4.3	2.2	0.0	0.0	0.0	0.0	0.0
71°	*2350.8*	*66.7*	*15.1*	*8.6*	*4.3*	*2.2*	*2.2*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1512.0	51.6	12.9	8.6	4.3	4.3	2.2	0.0	0.0	0.0	0.0
75°	638.8	43.0	12.9	8.6	6.5	4.3	4.3	2.2	0.0	0.0	0.0
77.5°	273.1	32.3	12.9	10.8	8.6	6.5	6.5	4.3	2.2	0.0	0.0
80°	103.2	25.8	15.1	12.9	10.8	10.8	8.6	4.3	2.2	0.0	0.0
82.5°	47.3	21.5	15.1	12.9	12.9	10.8	8.6	6.5	4.3	0.0	0.0
85°	30.1	19.4	15.1	12.9	12.9	10.8	10.8	6.5	4.3	0.0	0.0
87.5°	23.7	19.4	15.1	15.1	12.9	12.9	8.6	6.5	2.2	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

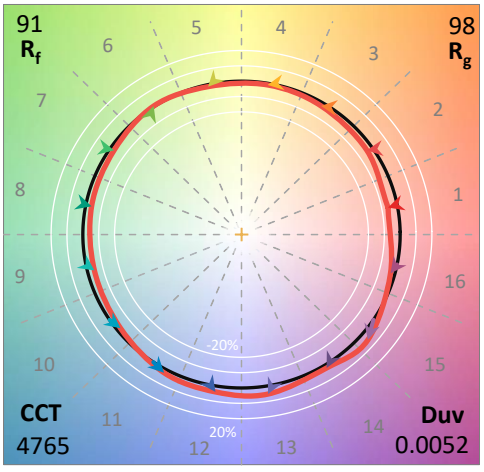
Test Information

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

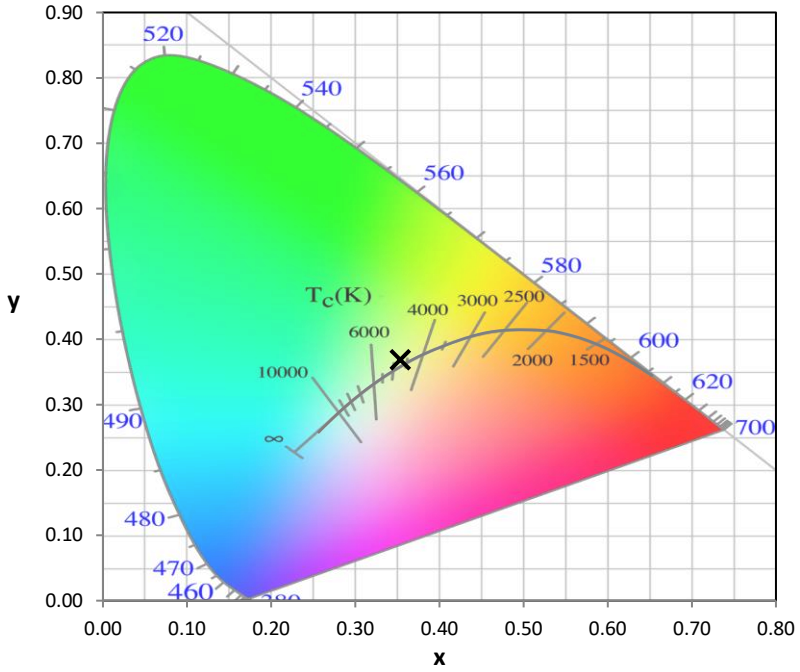
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

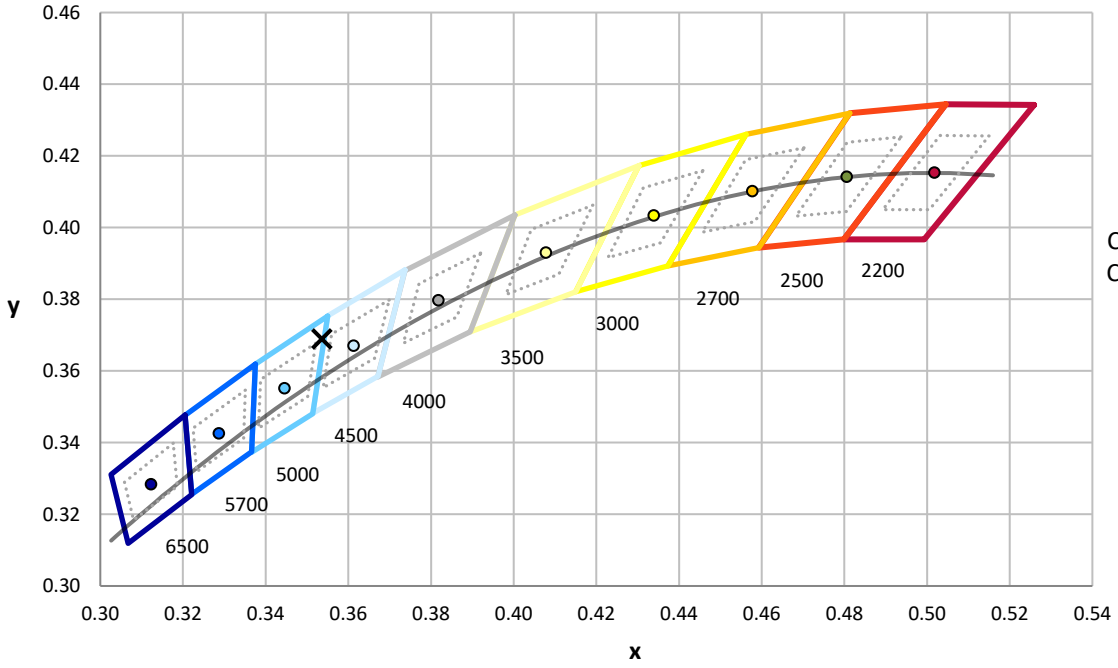
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

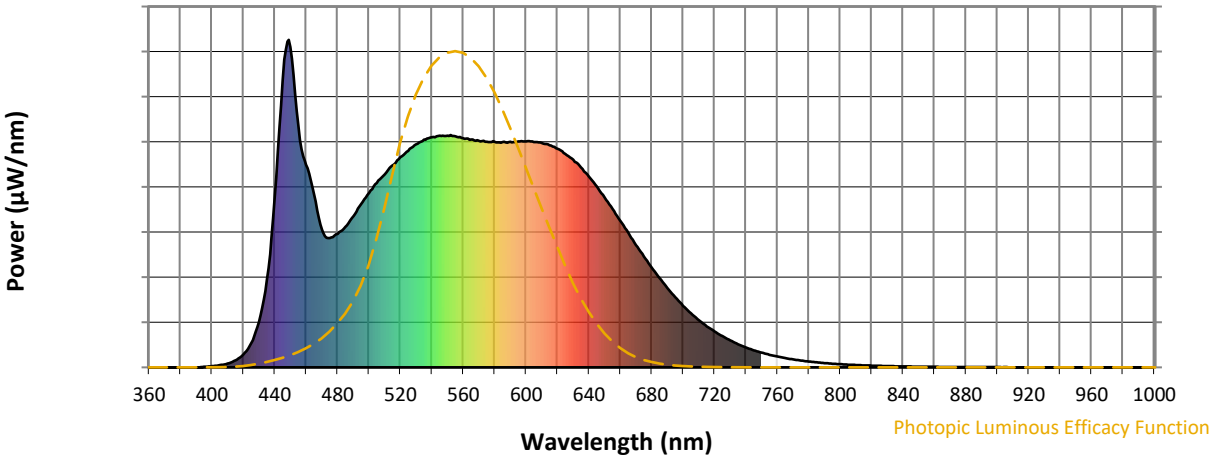


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

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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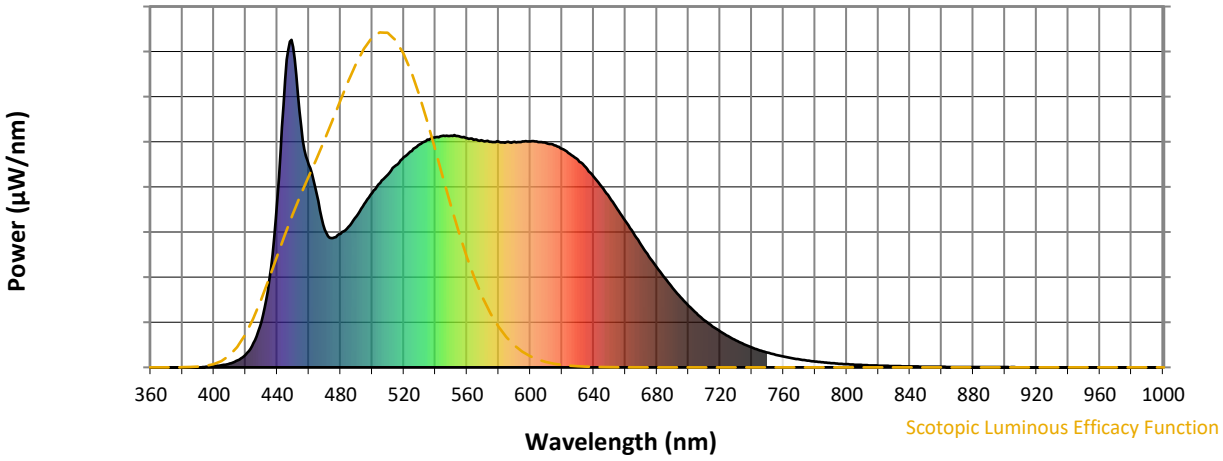
Scotopic Flux vs. Wavelength



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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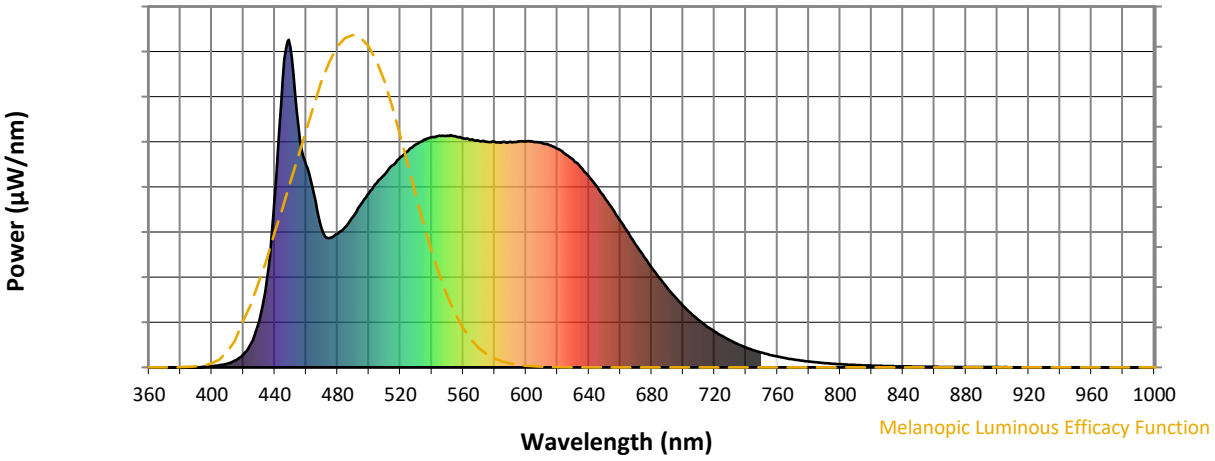
Melanopic Flux vs. Wavelength



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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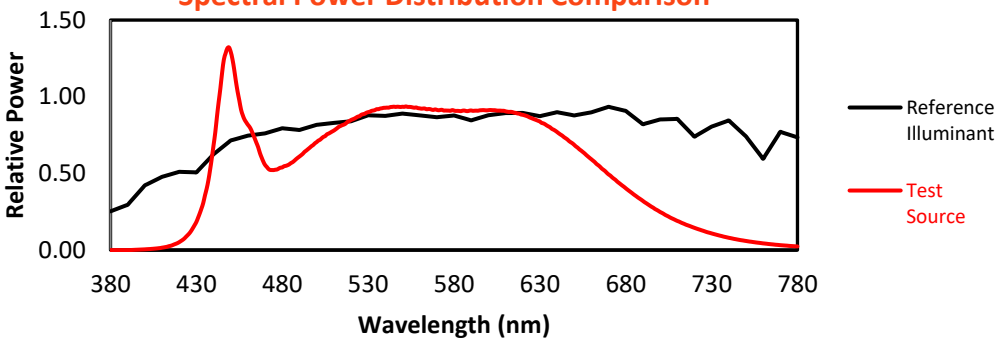
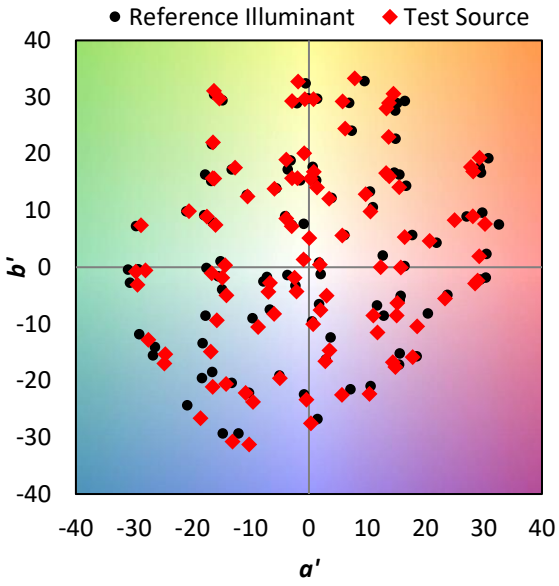
Summary

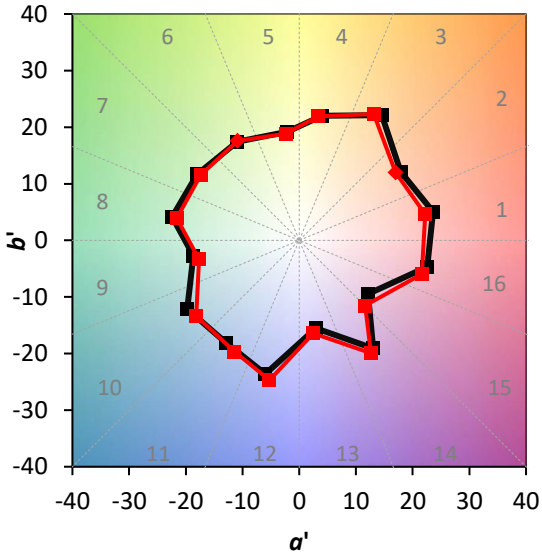
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

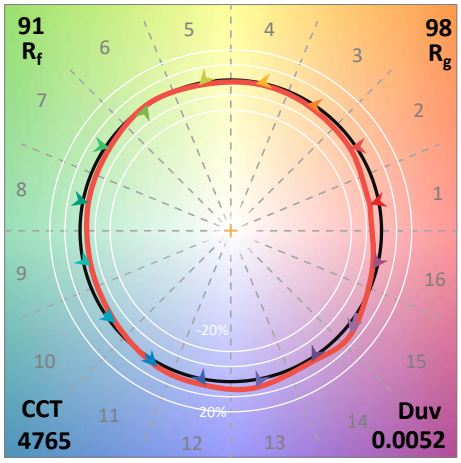
Spectral Power Distribution Comparison

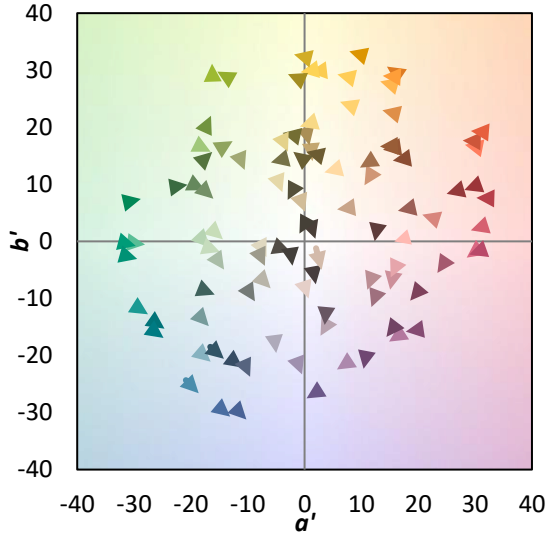


Color Vector Graphics









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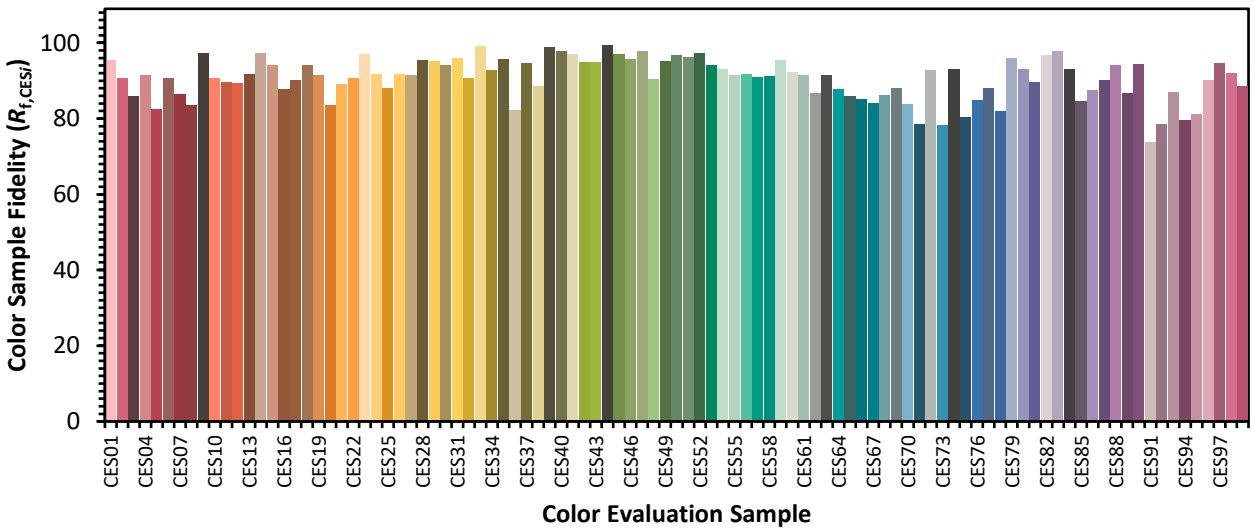
Individual Sample Fidelity Index ($R_{f,i}$)

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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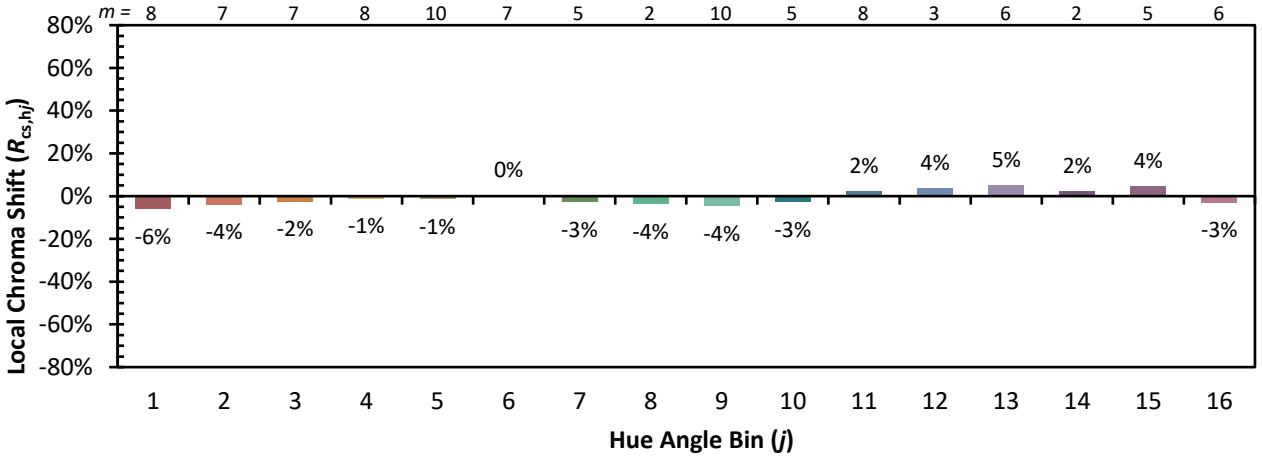
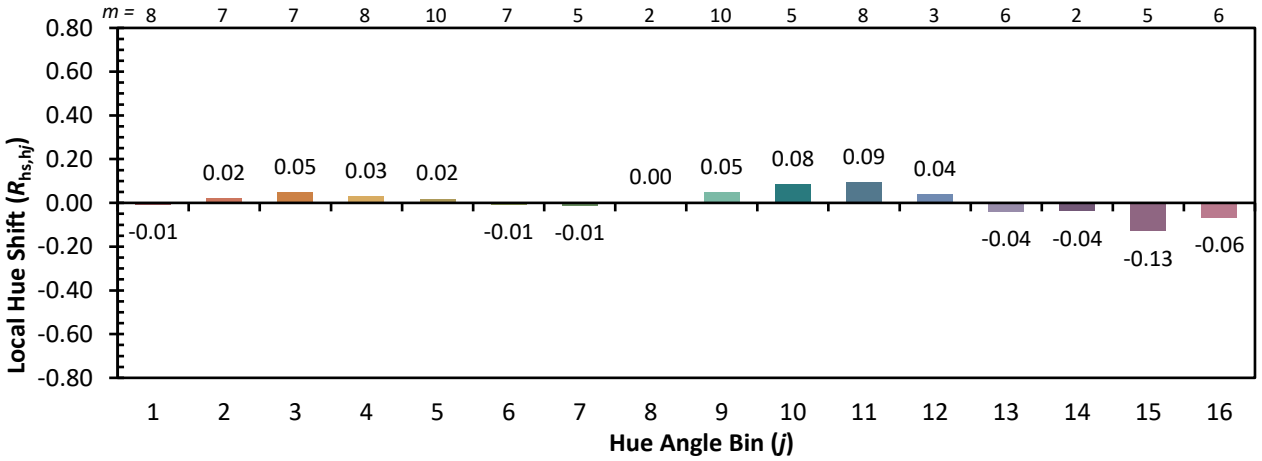
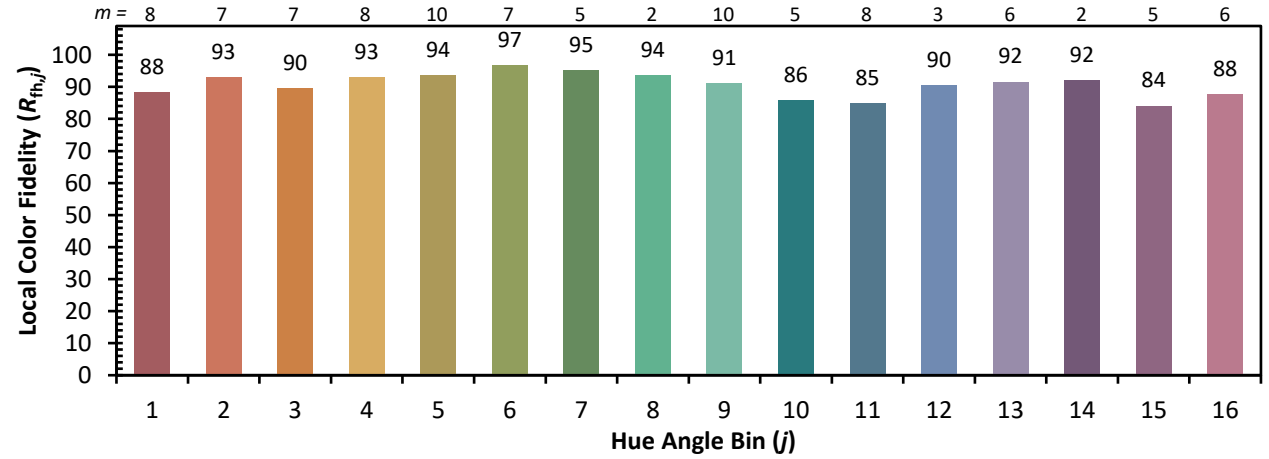
Color Rendition by Hue-Angle Bin







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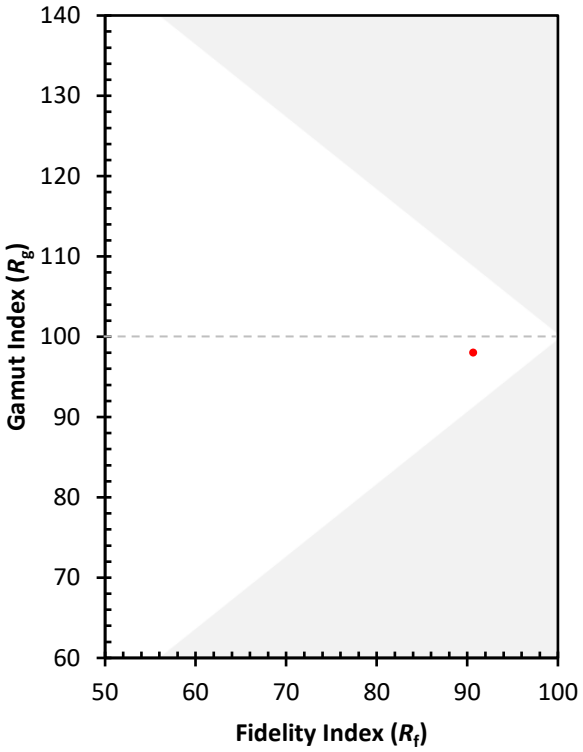
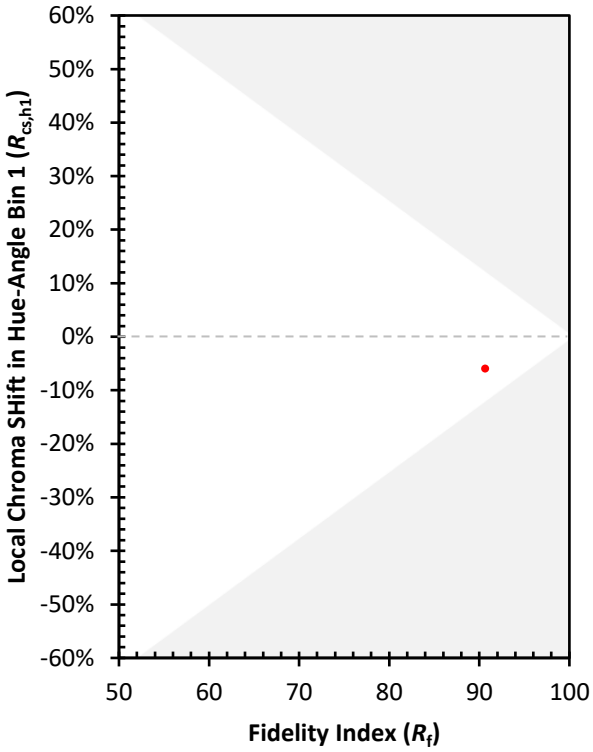
Measure Comparisons





(END OF REPORT)