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: P1048230

Luminaire Tested: **GALN-SA8B-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:	P1048230
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA8B-950-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(112) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28193.5 lumens
Efficiency:	N/A
Efficacy:	99.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	282.8
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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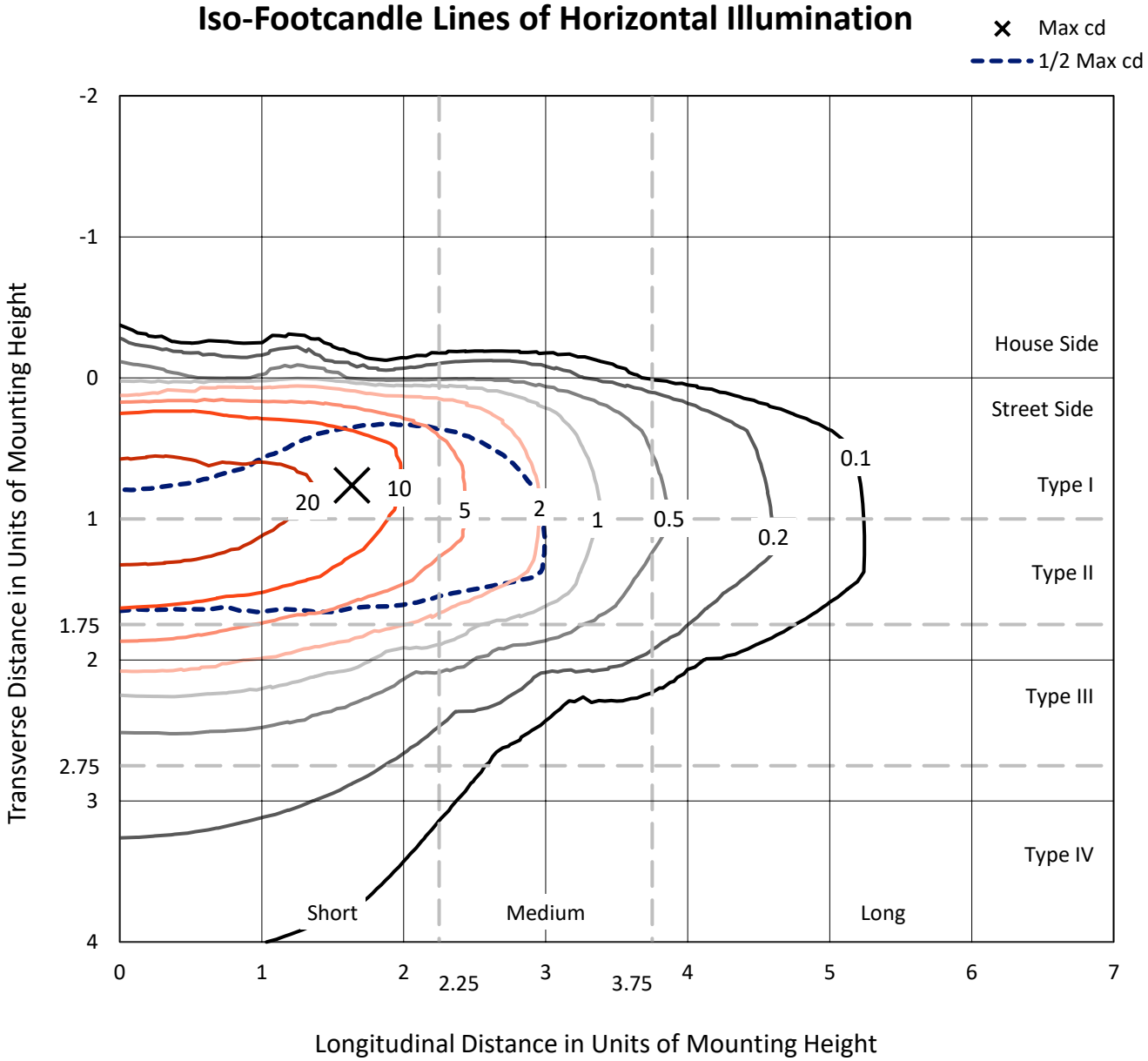
REPORT NUMBER: P1048230
CATALOG NUMBER: GALN-SA8B-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 37.3 fc
Type II - Short - N/A

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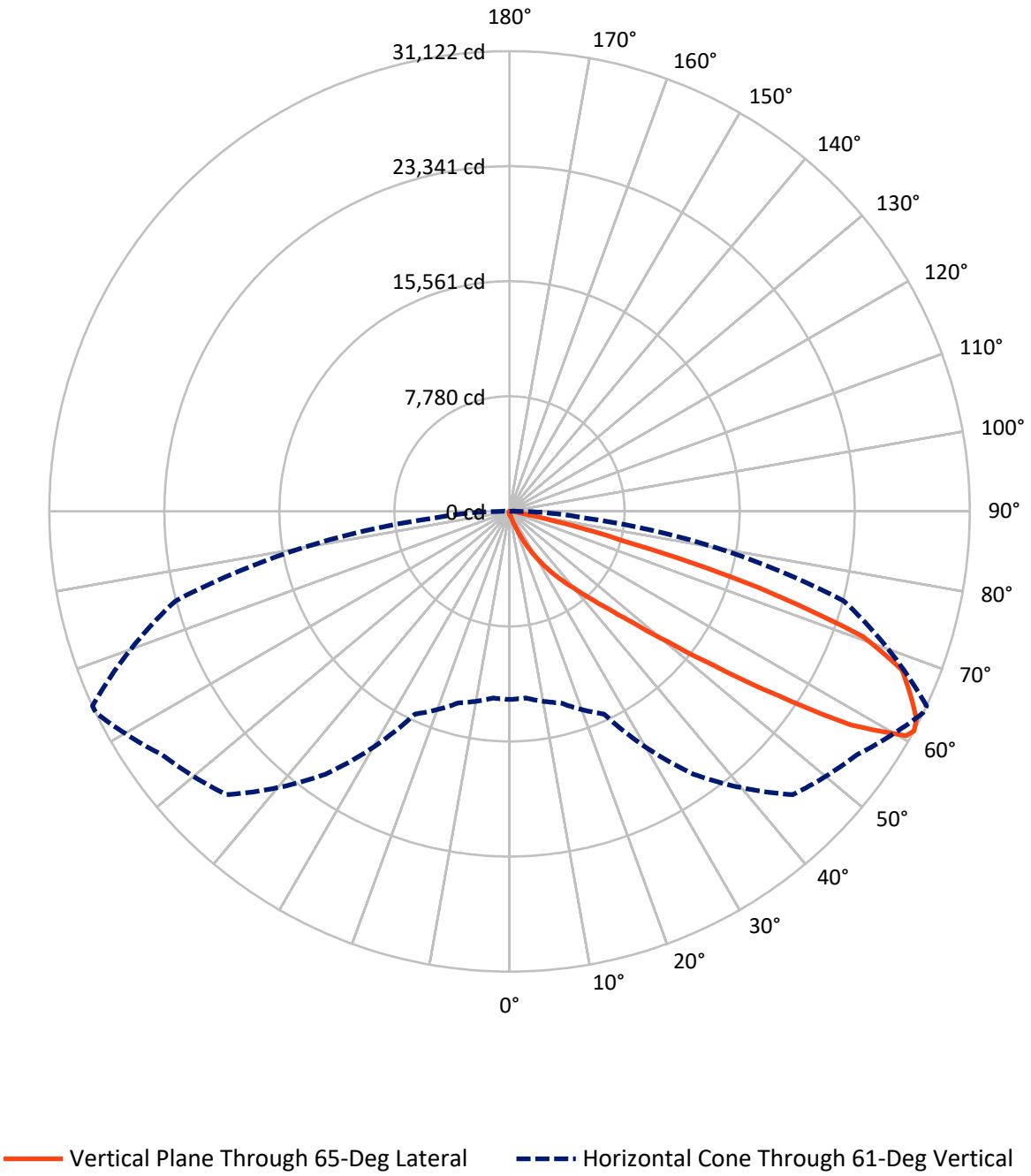
Luminous Intensity Polar Plot



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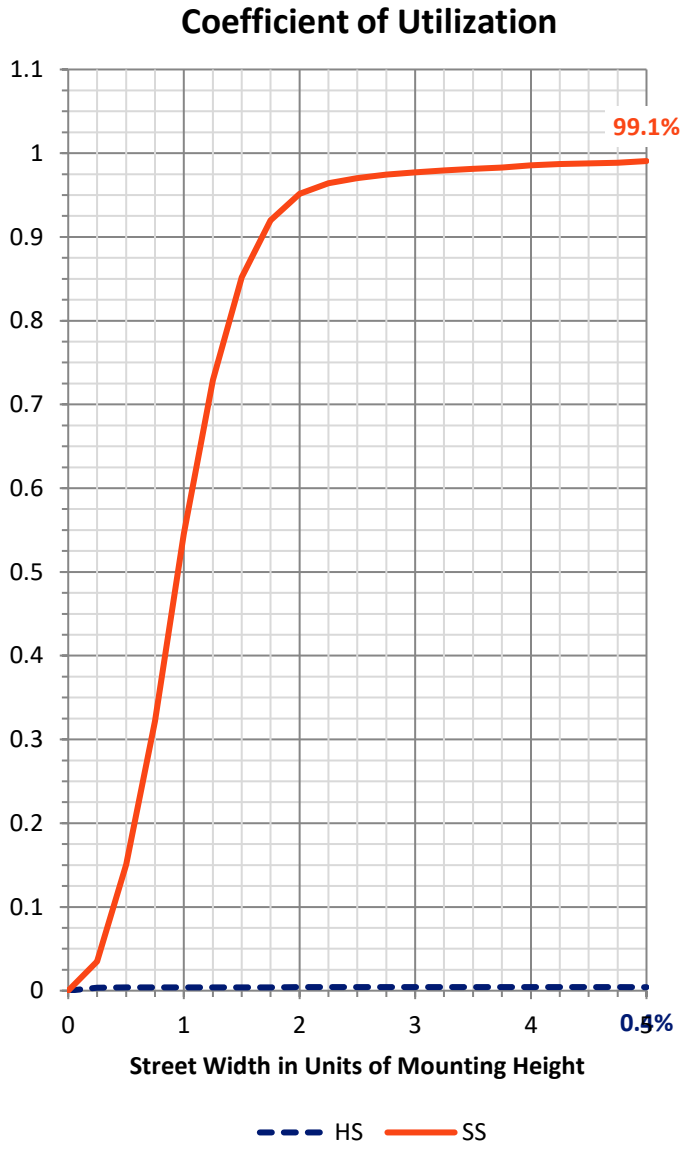
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	120.4	0.0	120.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28073.1	0.0	28073.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	28193.5	0.0	28193.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.1
10°-20°	231.8	0.8
20°-30°	832.0	3.0
30°-40°	2215.2	7.9
40°-50°	5819.3	20.6
50°-60°	9015.2	32.0
60°-70°	7559.1	26.8
70°-80°	2224.5	7.9
80°-90°	274.4	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°	28193.5	100.0
0°-180°	28193.5	100.0



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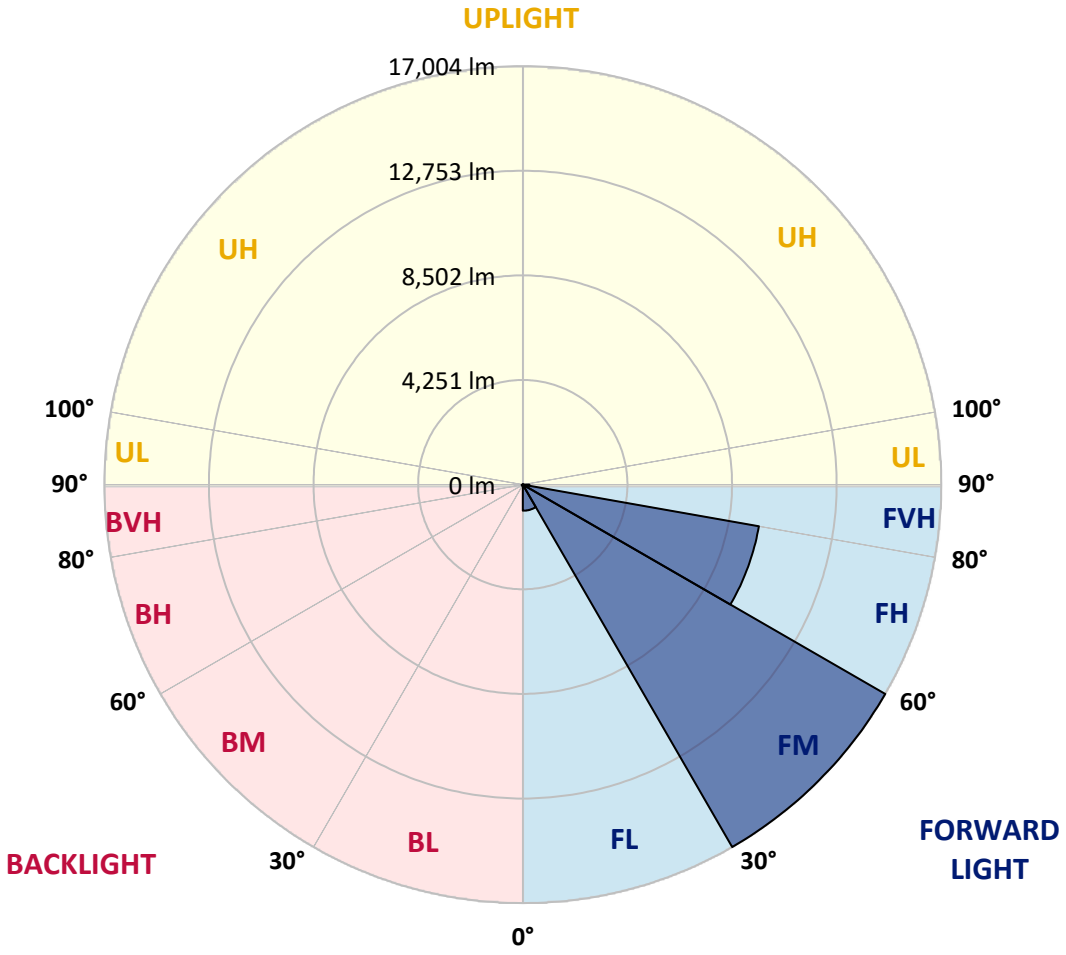
CATALOG NUMBER: GALN-SA8B-950-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1058.8	3.8			
FM	(30°-60°)	17003.8	60.3			
FH	(60°-80°)	9741.1	34.6			G4/12000
FVH	(80°-90°)	269.3	1.0			G3/500
BL	(0°-30°)	27.0	0.1	B0/110		
BM	(30°-60°)	45.8	0.2	B0/220		
BH	(60°-80°)	42.5	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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-G4
Type II Short



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REPORT NUMBER: P1048230
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6	*172.6*	172.6	172.6
2.5°	209.5	211.4	207.5	199.8	193.9	193.9	192.0	186.2	*186.2*	180.4	176.5
5°	292.9	289.0	281.2	265.7	252.1	238.5	225.0	211.4	*209.5*	192.0	180.4
7.5°	479.0	482.9	457.7	409.2	368.5	316.1	267.6	238.5	*234.7*	205.6	182.3
10°	1051.2	1022.1	963.9	775.8	638.1	481.0	356.9	277.3	*273.5*	221.1	186.2
12.5°	1916.1	1892.9	1786.2	1592.3	1237.3	861.1	521.7	343.3	*331.6*	234.7	188.1
15°	2761.7	2724.9	2666.7	2470.8	2055.8	1543.8	853.3	469.3	*438.3*	254.1	186.2
17.5°	3300.9	3306.7	3254.3	3170.9	2903.3	2284.6	1473.9	700.1	*640.0*	289.0	182.3
20°	3772.1	3758.6	3787.7	3743.1	3554.9	3105.0	2145.0	1109.3	*1006.6*	345.2	184.2
22.5°	4315.2	4348.2	4369.5	4359.8	4152.3	3768.3	2907.2	1660.1	*1530.2*	448.0	190.1
25°	5042.5	5038.6	5040.5	5015.3	4813.6	4386.9	3671.3	2344.7	*2212.9*	614.8	203.6
27.5°	5804.6	5827.9	5837.6	5746.5	5482.7	5063.8	4379.2	3093.4	*2938.2*	882.4	221.1
30°	6846.1	6826.7	6782.1	6595.9	6275.9	5756.2	5077.4	3878.8	*3715.9*	1256.7	248.2
32.5°	8250.2	8228.9	8003.9	7592.8	7113.7	6477.6	5779.4	4666.2	*4468.4*	1724.1	285.1
35°	10564.0	10596.9	10044.2	8979.5	8120.3	7344.5	6557.1	5449.7	*5275.2*	2300.1	335.5
37.5°	14107.2	13926.9	13176.3	11295.1	9444.9	8426.7	7299.9	6241.0	*6089.7*	3010.0	401.5
40°	17549.7	17371.3	17154.1	15371.7	11747.0	9619.5	8339.5	7170.0	*6974.1*	3810.9	498.4
42.5°	21168.6	21069.7	21060.0	19716.0	15947.7	11494.9	9590.4	8258.0	*8091.2*	4689.5	657.5
45°	23732.5	23633.6	23841.1	24075.8	21669.0	15513.3	11768.3	9671.8	*9429.4*	5756.2	911.5
47.5°	24077.7	24081.6	24636.3	25371.3	25920.2	21729.1	14669.7	11545.3	*11250.5*	7282.5	1338.2
50°	22929.6	22974.2	23856.6	25171.6	26649.4	26944.2	19785.8	14264.3	*13828.0*	9091.9	1943.3
52.5°	20743.9	20794.3	22023.9	24186.3	25978.4	28197.0	25809.6	17821.2	*17318.9*	11349.4	2796.6
55°	18775.4	18806.4	20216.4	22949.0	25169.6	27516.3	29385.9	22570.8	*21911.4*	14126.6	3638.3
57.5°	16826.3	16754.5	17671.9	20800.1	25031.9	26680.4	29913.4	27983.7	*27256.4*	17161.8	4293.8
60°	14219.7	14099.5	14836.5	16826.3	23220.5	27229.3	28926.3	30978.2	*30813.3*	21387.8	4800.0
61°	*12720.6*	*12670.1*	*13411.0*	*15117.7*	*21696.1*	*27089.6*	*28689.6*	*31104.2*	*31121.7*	*23387.3*	*5026.9*
62.5°	9084.2	9227.7	10360.3	12579.0	18172.2	26183.9	28720.7	30714.4	*30887.0*	26044.3	5614.6
65°	4037.8	4268.6	5149.1	6954.7	10567.8	21781.5	28445.3	29859.1	*29773.8*	26773.5	7639.3
67.5°	2395.2	2430.1	2868.4	3940.9	5597.1	11716.0	25101.7	28728.4	*28614.0*	23307.8	9505.0
70°	1887.0	1904.5	2044.1	2472.7	3248.5	4487.8	14326.4	24855.4	*25353.9*	18899.5	9305.3
72.5°	1790.1	1786.2	1805.6	1881.2	2046.1	2226.4	5546.7	16521.8	*17536.1*	13610.8	7802.2
75°	1766.8	1759.0	1739.6	1710.6	1481.7	1311.0	1718.3	7307.7	*7895.3*	9299.5	5874.5
77.5°	1714.4	1716.4	1720.3	1640.7	1270.3	927.0	832.0	2344.7	*2883.9*	5901.6	4175.5
80°	1159.8	1177.2	1206.3	1175.3	1142.3	671.0	587.6	833.9	*845.6*	3312.5	2757.8
82.5°	587.6	587.6	574.1	512.0	442.2	436.4	467.4	605.1	*612.9*	1675.6	1297.5
85°	354.9	374.3	382.1	347.2	318.1	292.9	356.9	481.0	*498.4*	649.7	302.5
87.5°	79.5	81.5	89.2	118.3	172.6	234.7	331.6	440.2	*448.0*	417.0	36.8
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-SA8B-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6	172.6
2.5°	174.5	170.7	168.7	162.9	157.1	151.3	147.4	145.5	147.4	149.3	149.3
5°	172.6	166.8	157.1	147.4	139.6	131.9	124.1	122.2	122.2	124.1	124.1
7.5°	172.6	162.9	149.3	137.7	126.1	114.4	108.6	104.7	106.7	106.7	106.7
10°	172.6	161.0	143.5	126.1	112.5	98.9	89.2	85.3	85.3	85.3	85.3
12.5°	170.7	159.0	137.7	116.4	97.0	81.5	69.8	64.0	65.9	65.9	65.9
15°	166.8	153.2	129.9	98.9	77.6	62.1	50.4	44.6	46.5	50.4	52.4
17.5°	161.0	147.4	116.4	83.4	62.1	46.5	34.9	31.0	33.0	38.8	38.8
20°	159.0	141.6	102.8	67.9	46.5	33.0	23.3	19.4	21.3	29.1	31.0
22.5°	159.0	137.7	93.1	56.2	34.9	21.3	13.6	7.8	7.8	13.6	13.6
25°	161.0	135.8	85.3	46.5	25.2	15.5	7.8	3.9	7.8	21.3	25.2
27.5°	164.8	133.8	81.5	38.8	19.4	13.6	5.8	13.6	23.3	23.3	23.3
30°	168.7	129.9	75.6	33.0	17.5	9.7	9.7	19.4	19.4	23.3	25.2
32.5°	174.5	128.0	71.8	29.1	13.6	7.8	13.6	11.6	11.6	13.6	15.5
35°	186.2	129.9	67.9	29.1	13.6	9.7	11.6	5.8	3.9	3.9	3.9
37.5°	201.7	131.9	62.1	25.2	11.6	11.6	5.8	0.0	0.0	0.0	0.0
40°	226.9	137.7	58.2	23.3	9.7	9.7	1.9	0.0	0.0	0.0	0.0
42.5°	269.6	149.3	56.2	21.3	9.7	7.8	0.0	0.0	0.0	0.0	0.0
45°	354.9	176.5	52.4	19.4	9.7	3.9	0.0	0.0	0.0	0.0	0.0
47.5°	510.1	240.5	50.4	15.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	744.7	325.8	48.5	13.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	950.3	343.3	33.0	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	973.6	236.6	25.2	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	775.8	153.2	21.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	587.6	116.4	19.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*564.4*	*104.7*	*19.4*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	622.5	91.2	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1012.4	75.6	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1759.0	65.9	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2222.6	62.1	11.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1937.5	56.2	11.6	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	1165.6	48.5	11.6	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	610.9	36.8	11.6	9.7	5.8	1.9	0.0	0.0	0.0	0.0	0.0
80°	296.7	33.0	13.6	9.7	7.8	3.9	0.0	0.0	0.0	0.0	0.0
82.5°	116.4	27.2	15.5	13.6	9.7	5.8	1.9	0.0	0.0	0.0	0.0
85°	52.4	23.3	17.5	15.5	13.6	7.8	1.9	0.0	0.0	0.0	0.0
87.5°	27.2	21.3	19.4	17.5	13.6	9.7	3.9	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

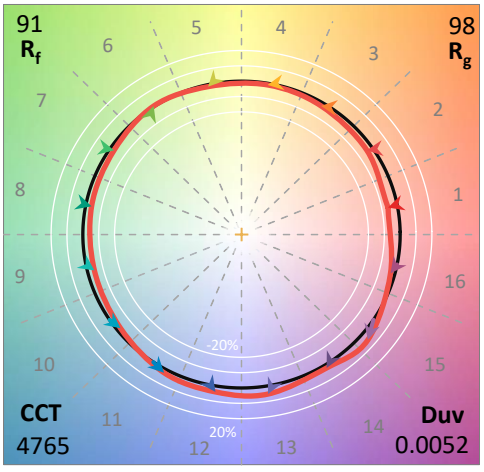
Test Information

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

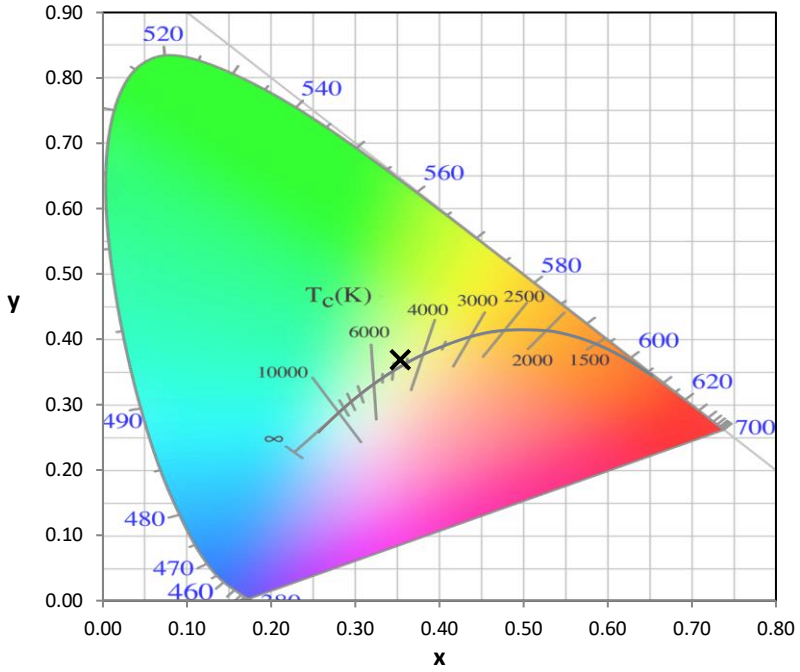
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-17

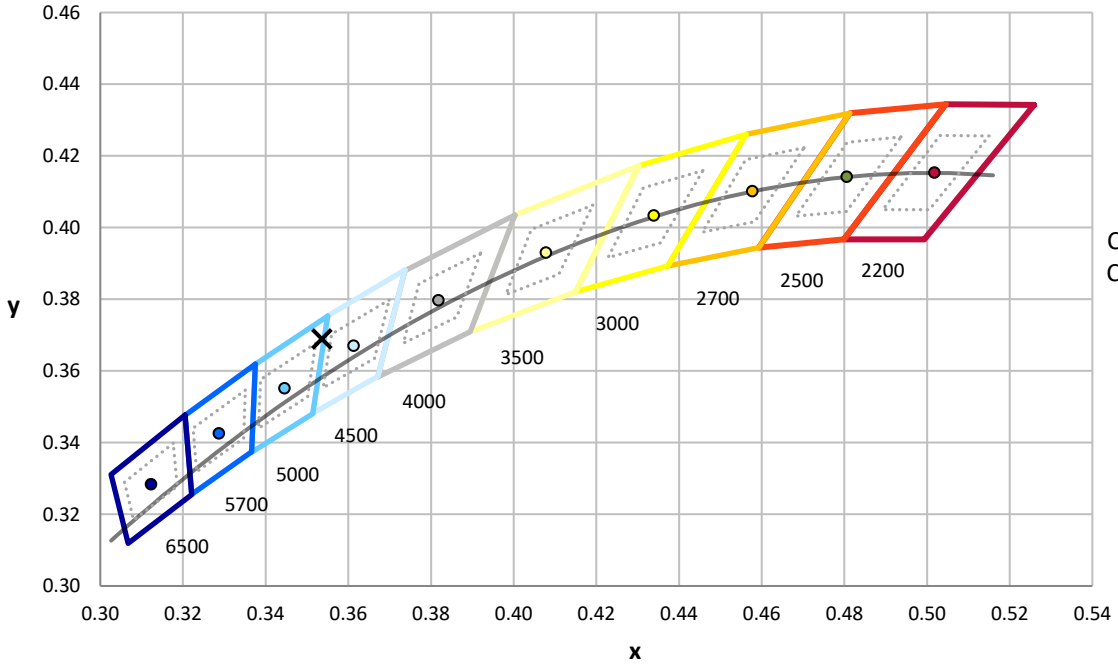
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

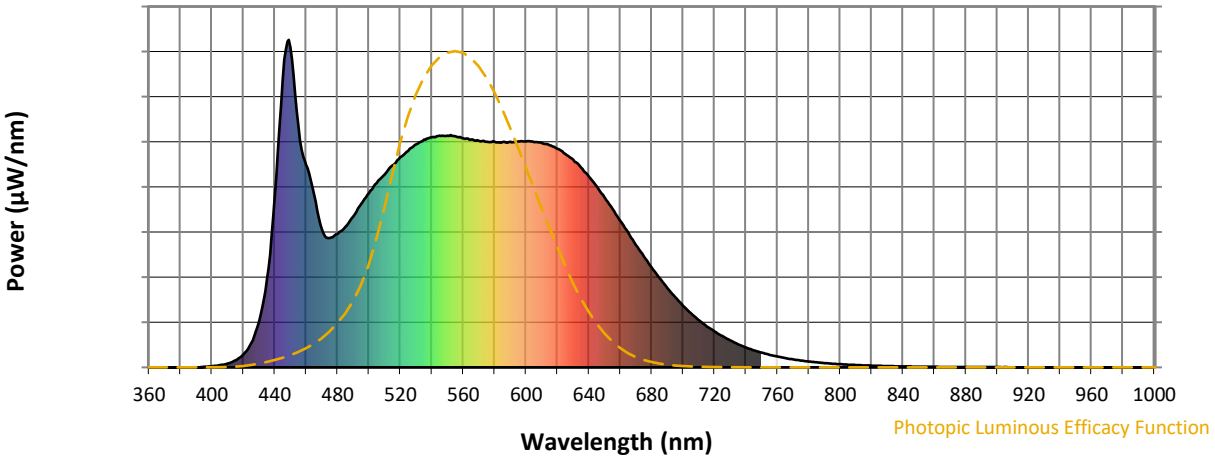


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

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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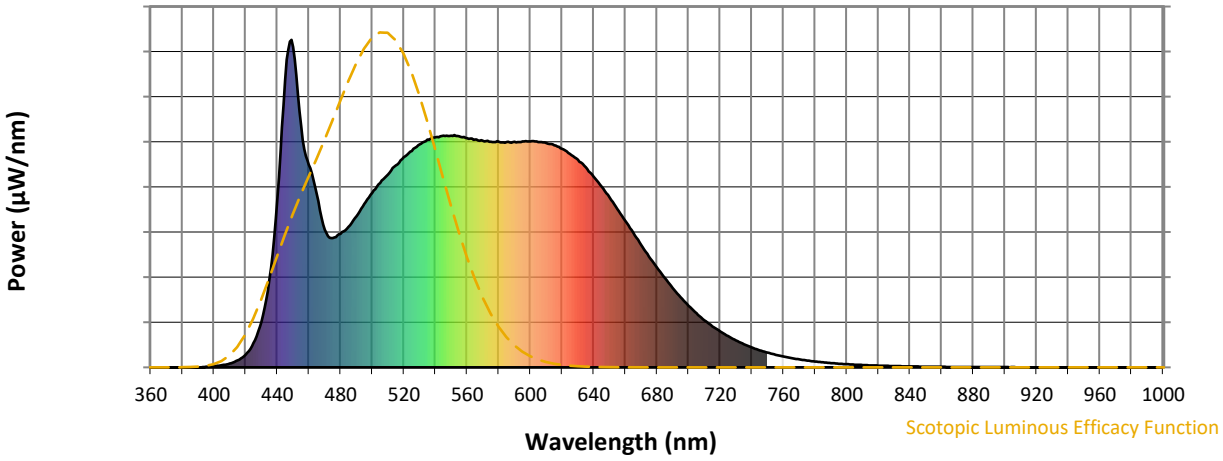
Scotopic Flux vs. Wavelength



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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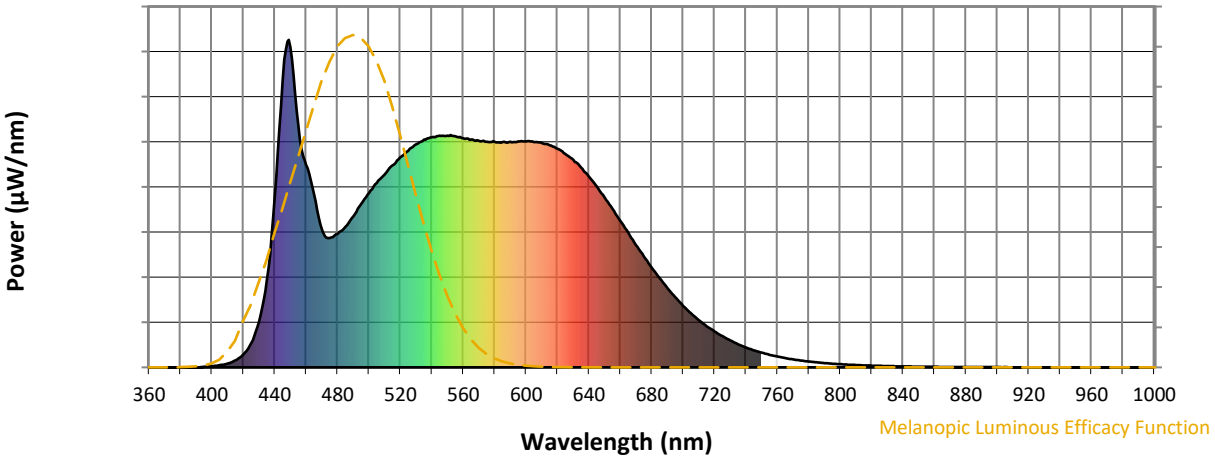
Melanopic Flux vs. Wavelength



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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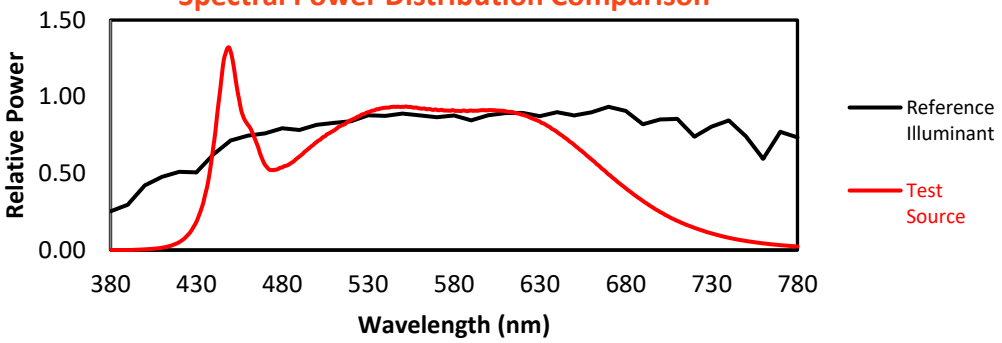
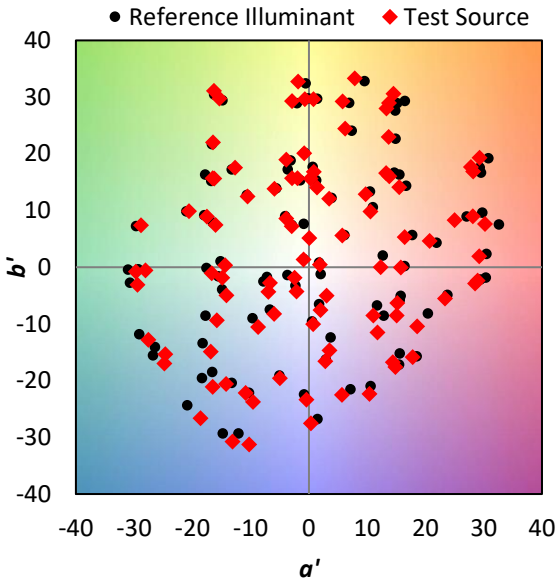
Summary

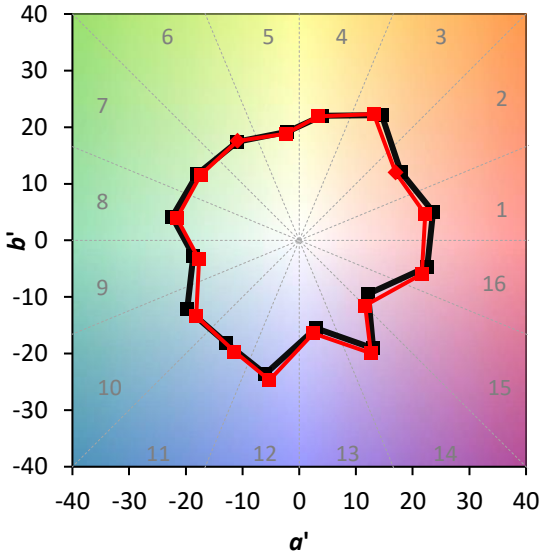
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

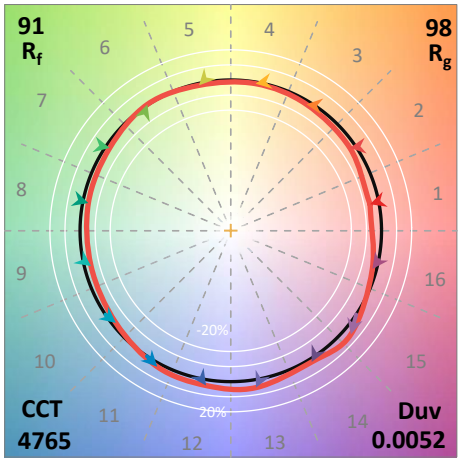
Spectral Power Distribution Comparison

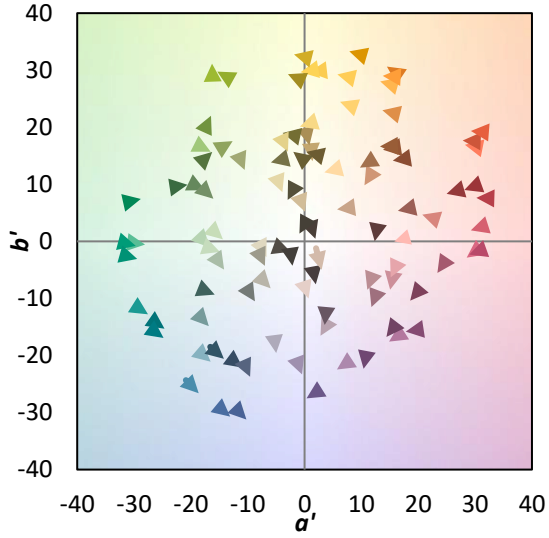


Color Vector Graphics









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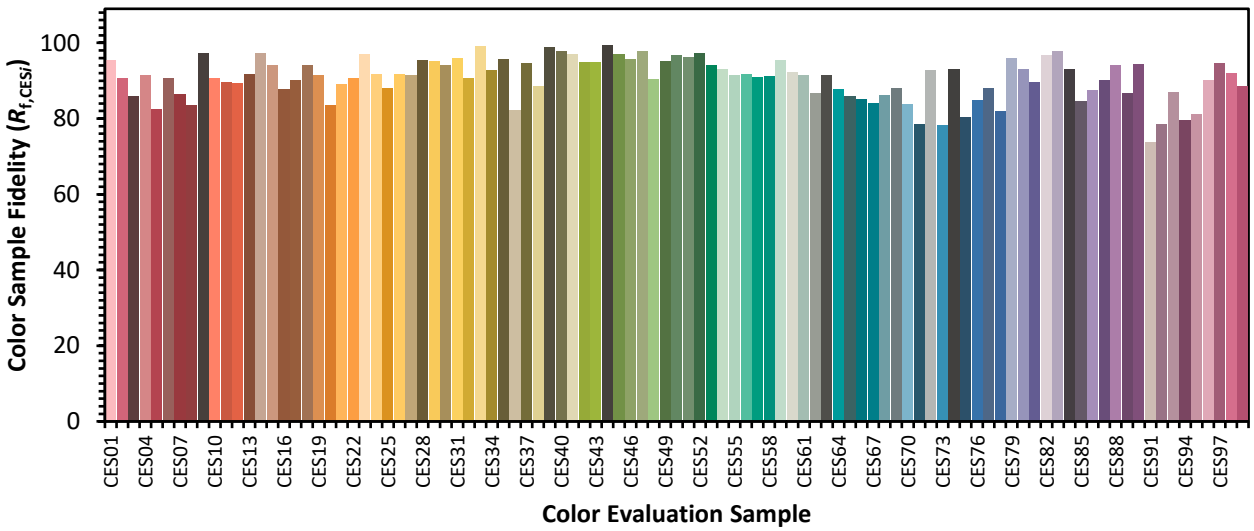
Individual Sample Fidelity Index ($R_{f,i}$)

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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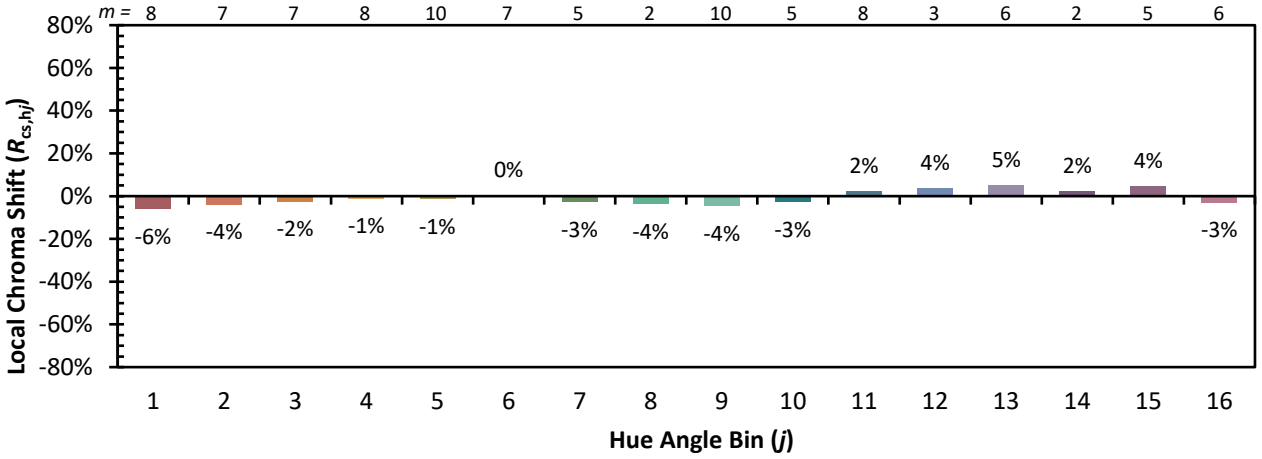
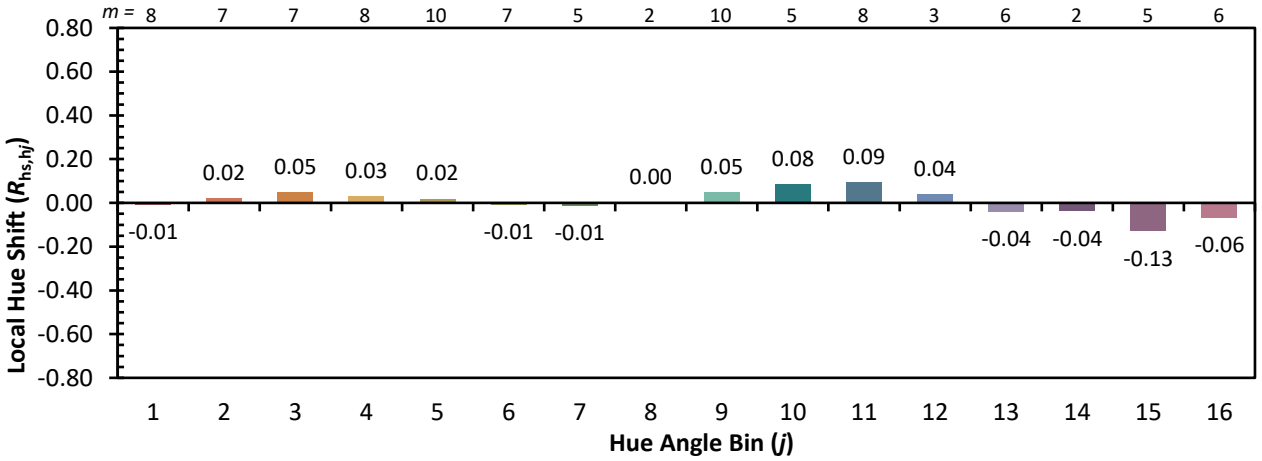
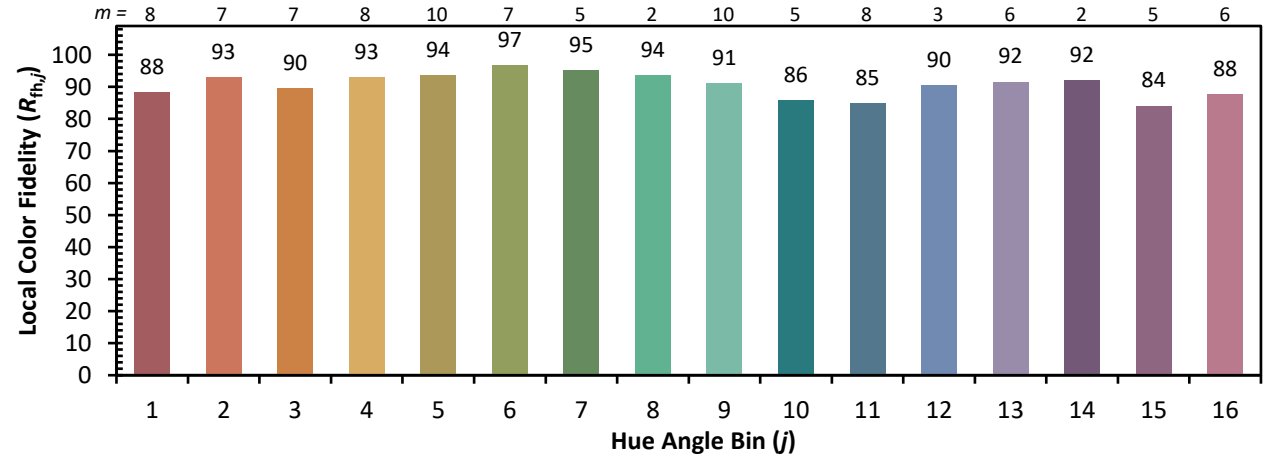
Color Rendition by Hue-Angle Bin







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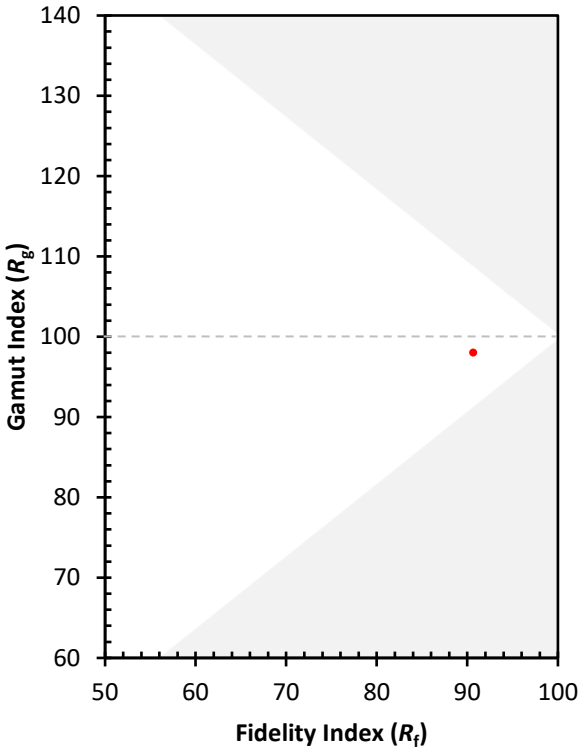
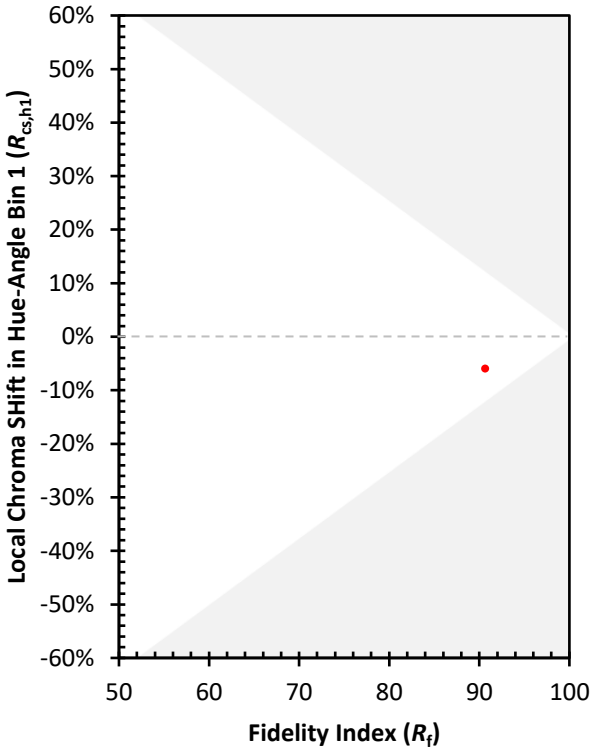
Measure Comparisons





(END OF REPORT)