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: P1047615

Luminaire Tested: **GALN-SA7C-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:	P1047615
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7C-950-U-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE 90CRI 5000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(98) 5000K CCT, 90 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	32050.3 lumens
Efficiency:	N/A
Efficacy:	97.1 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):	330
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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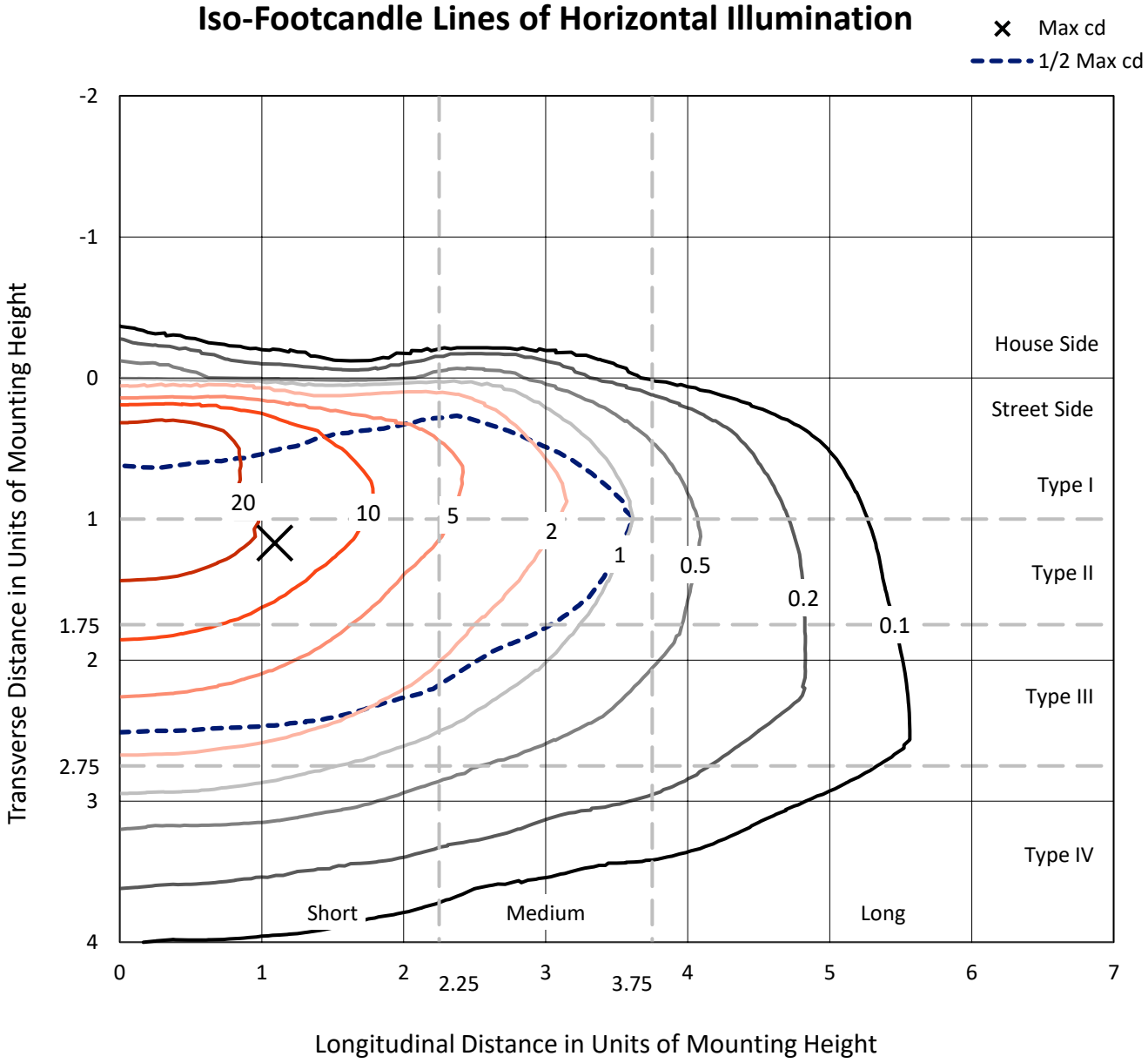
REPORT NUMBER: P1047615
CATALOG NUMBER: GALN-SA7C-950-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 36 fc
Type III - Short - N/A

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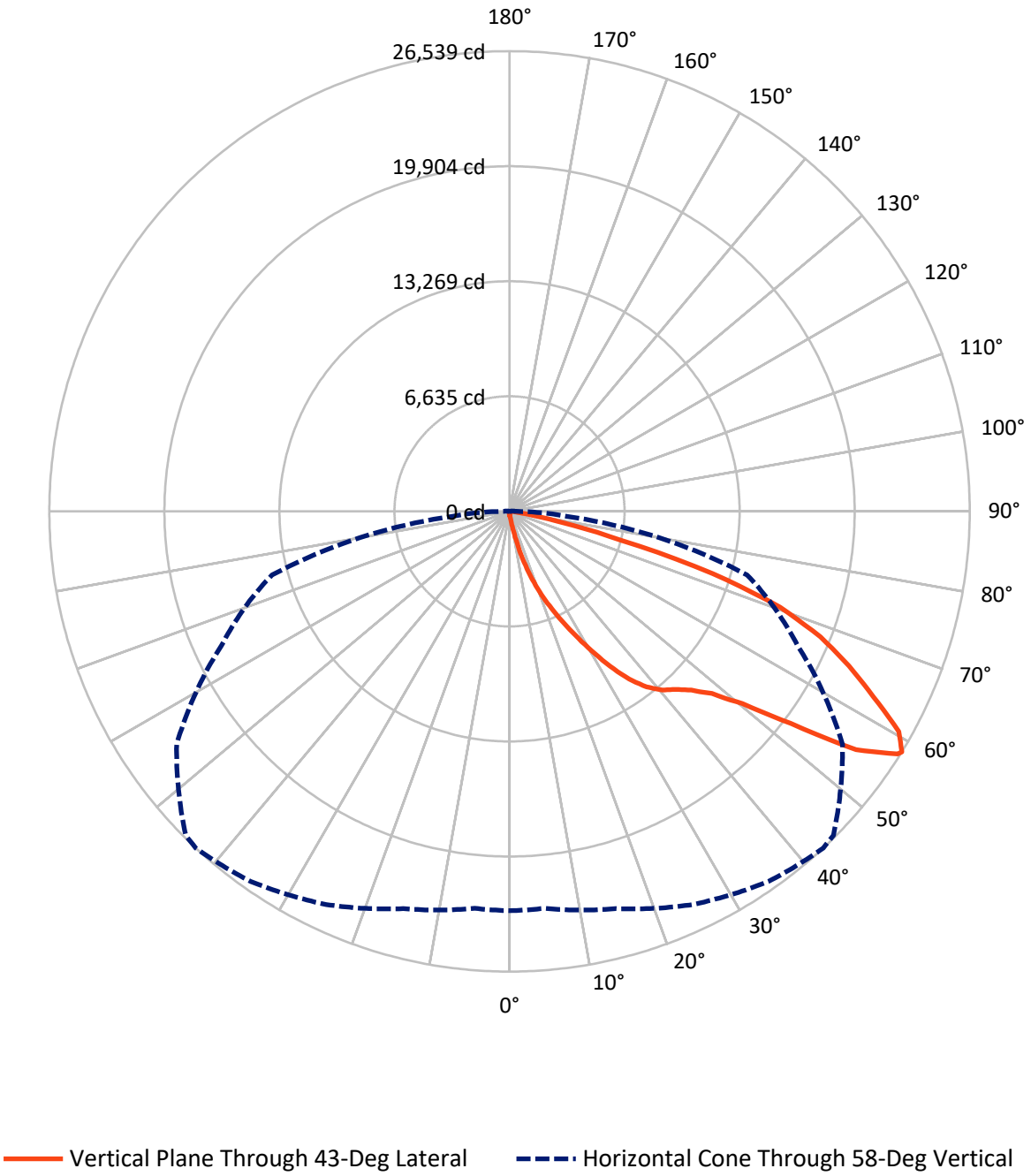
Luminous Intensity Polar Plot



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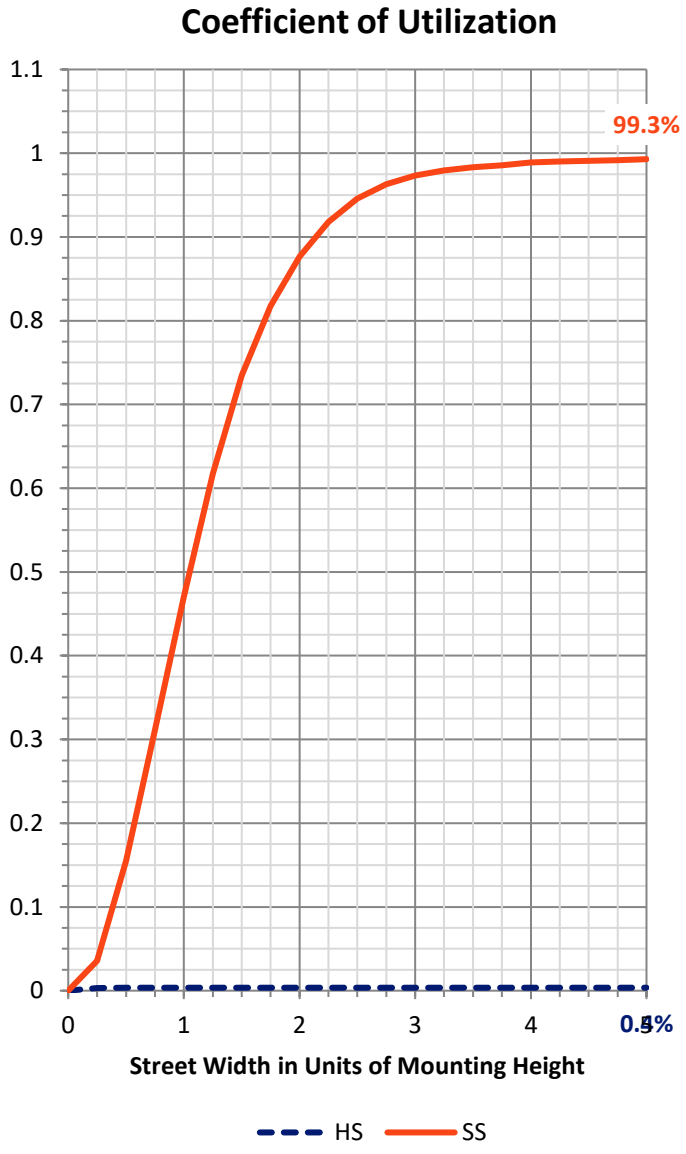
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	117.0	0.0	117.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	31933.3	0.0	31933.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	32050.3	0.0	32050.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	0.1
10°-20°	368.4	1.1
20°-30°	1327.9	4.1
30°-40°	3038.2	9.5
40°-50°	5124.2	16.0
50°-60°	8456.2	26.4
60°-70°	9450.9	29.5
70°-80°	3902.1	12.2
80°-90°	351.8	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°	32050.3	100.0
0°-180°	32050.3	100.0



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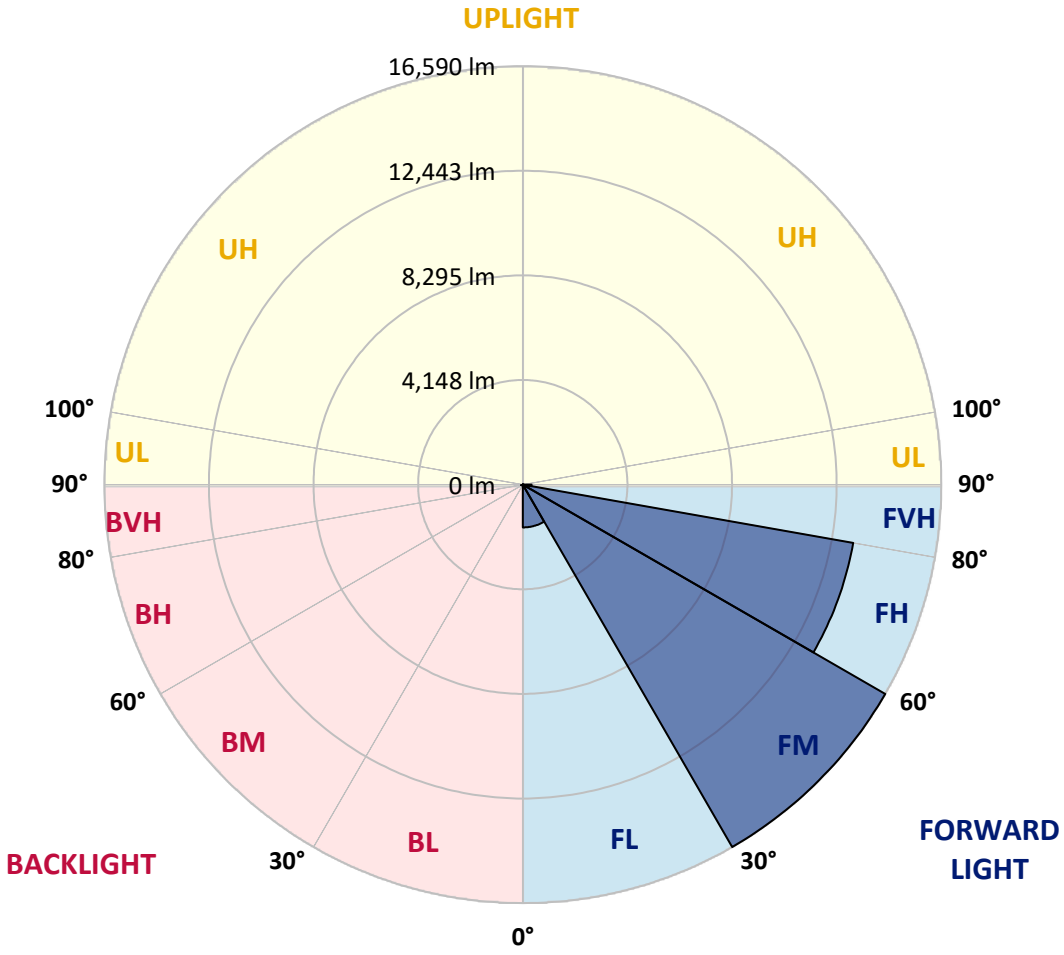
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1696.5	5.3			
FM	(30°-60°)	16590.5	51.8			
FH	(60°-80°)	13299.4	41.5			G5
FVH	(80°-90°)	347.0	1.1			G3/500
BL	(0°-30°)	30.5	0.1	B0/110		
BM	(30°-60°)	28.1	0.1	B0/220		
BH	(60°-80°)	53.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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°	209.6	209.6	209.6	209.6	209.6	*209.6*	209.6	209.6	209.6	209.6	209.6
2.5°	251.5	259.9	251.5	251.5	251.5	*243.1*	243.1	234.7	234.7	226.3	217.9
5°	368.8	368.8	343.7	326.9	310.2	*301.8*	293.4	276.6	259.9	243.1	226.3
7.5°	821.5	821.5	746.0	645.5	511.3	*435.9*	419.1	343.7	293.4	259.9	226.3
10°	1961.5	1961.5	1793.9	1517.2	1173.5	*871.8*	779.6	494.6	352.1	276.6	234.7
12.5°	3260.8	3302.7	3093.1	2741.1	2229.7	*1701.6*	1517.2	905.3	469.4	301.8	234.7
15°	4426.0	4325.4	4266.7	3931.4	3445.2	*2816.5*	2581.8	1525.6	679.0	343.7	234.7
17.5°	5213.9	5213.9	5130.1	4903.8	4459.5	*3906.2*	3713.4	2464.5	1098.1	394.0	243.1
20°	6136.0	6136.0	5985.1	5825.8	5431.9	*4962.4*	4778.0	3503.9	1701.6	502.9	243.1
22.5°	7250.8	7267.6	7100.0	6815.0	6437.7	*5918.0*	5758.8	4467.9	2464.5	670.6	251.5
25°	8608.8	8625.6	8382.5	8114.2	7535.9	*6974.2*	6731.1	5574.4	3394.9	938.8	251.5
27.5°	10109.3	10226.6	9866.2	9405.1	8793.2	*8089.1*	7904.7	6571.9	4317.0	1324.4	268.2
30°	11978.6	11978.6	11500.8	10855.3	10193.1	*9321.3*	9086.6	7619.7	5297.7	1835.8	285.0
32.5°	13588.0	13462.3	12850.3	12171.4	11467.2	*10654.1*	10402.7	8717.8	6303.6	2472.8	318.5
35°	14820.2	14711.3	13956.8	13227.6	12615.6	*11869.6*	11567.8	9908.1	7368.2	3193.7	368.8
37.5°	15876.4	15834.5	14811.9	13898.2	13495.8	*12842.0*	12573.7	11031.4	8416.0	3973.3	427.5
40°	17033.2	16899.1	15809.4	14677.7	14074.2	*13546.1*	13303.0	11936.7	9421.9	4887.0	511.3
42.5°	18022.3	17863.1	16882.3	15775.8	14744.8	*14032.3*	13797.6	12699.5	10402.7	5800.7	620.3
45°	19120.4	19036.6	18047.5	17209.2	15834.5	*14694.5*	14384.3	13311.4	11299.6	6890.4	762.8
47.5°	20771.8	20620.9	19698.8	19011.5	17418.8	*15700.4*	15256.1	13940.1	12163.0	7963.4	980.8
50°	22691.4	22590.8	22045.9	21501.1	19916.8	*17418.8*	16890.7	14845.4	13127.0	9237.5	1265.8
52.5°	24258.9	24242.1	24309.2	24317.6	23118.9	*20310.8*	19522.8	16303.9	14233.5	10494.9	1668.1
55°	24225.4	24300.8	25038.5	25885.1	25977.3	*24258.9*	23496.1	18760.0	15675.2	12045.6	2229.7
57.5°	23320.1	23261.4	24041.0	25315.1	26212.0	*26396.4*	26270.7	22574.0	17846.3	13914.9	3093.1
58°	*23026.7*	*22976.4*	*23714.1*	*25013.3*	*26044.4*	*26538.9*	*26413.2*	*23437.4*	*18332.5*	*14183.2*	*3327.8*
60°	21962.1	21970.5	22406.4	23588.3	24619.4	*25792.9*	25910.3	25901.9	20755.0	15977.0	4509.8
62.5°	20553.9	20486.8	20889.2	21853.1	22758.4	*23546.4*	23747.6	26069.5	24300.8	18257.1	6764.7
65°	18609.1	18508.5	18936.0	20025.8	20998.1	*21509.5*	21517.8	23823.0	25968.9	20704.7	9983.5
67.5°	14996.3	14912.4	15767.5	17167.3	18667.8	*19338.4*	19640.2	20671.2	24560.7	22364.5	11827.7
70°	9187.2	9363.2	10553.5	12749.8	15314.8	*16547.0*	16999.7	17318.2	20914.3	22113.0	9891.3
72.5°	4241.5	4032.0	5046.3	6580.3	9505.7	*12246.8*	12716.2	13965.2	16580.6	19195.9	7376.6
75°	1978.3	1902.8	2137.5	2875.2	4308.6	*6613.8*	7468.8	11148.7	12716.2	13353.3	5322.9
77.5°	1014.3	1022.7	1215.5	1307.7	1777.1	*3059.6*	3512.3	7334.7	9321.3	7452.0	3570.9
80°	444.3	461.0	469.4	511.3	720.9	*1181.9*	1332.8	3403.3	6370.7	3797.3	1953.1
82.5°	285.0	293.4	293.4	293.4	343.7	*469.4*	536.5	1366.3	3177.0	1886.1	603.5
85°	150.9	150.9	167.6	209.6	243.1	*285.0*	301.8	435.9	1047.8	561.6	142.5
87.5°	83.8	92.2	100.6	125.7	159.3	*192.8*	209.6	301.8	402.4	385.6	33.5
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: P1047615
CATALOG NUMBER: GALN-SA7C-950-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6	209.6
2.5°	217.9	209.6	201.2	192.8	184.4	176.0	176.0	176.0	176.0	176.0	176.0
5°	209.6	201.2	192.8	176.0	159.3	150.9	142.5	134.1	134.1	134.1	134.1
7.5°	209.6	201.2	176.0	159.3	142.5	125.7	109.0	109.0	109.0	109.0	109.0
10°	209.6	192.8	167.6	142.5	117.4	100.6	92.2	83.8	83.8	83.8	83.8
12.5°	209.6	184.4	159.3	125.7	100.6	83.8	75.4	67.1	67.1	67.1	67.1
15°	209.6	184.4	150.9	117.4	92.2	67.1	58.7	50.3	50.3	50.3	50.3
17.5°	201.2	176.0	142.5	100.6	75.4	50.3	41.9	33.5	33.5	41.9	41.9
20°	192.8	167.6	125.7	83.8	58.7	41.9	25.1	25.1	25.1	25.1	25.1
22.5°	192.8	167.6	117.4	75.4	50.3	25.1	16.8	16.8	16.8	16.8	25.1
25°	192.8	159.3	100.6	58.7	33.5	16.8	8.4	8.4	8.4	8.4	8.4
27.5°	192.8	159.3	92.2	50.3	25.1	16.8	8.4	0.0	0.0	0.0	0.0
30°	184.4	150.9	83.8	41.9	16.8	8.4	0.0	0.0	0.0	0.0	0.0
32.5°	184.4	142.5	67.1	33.5	16.8	8.4	0.0	0.0	0.0	0.0	0.0
35°	192.8	134.1	58.7	25.1	8.4	0.0	0.0	0.0	0.0	0.0	8.4
37.5°	201.2	125.7	50.3	16.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	209.6	117.4	50.3	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	226.3	117.4	41.9	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	243.1	117.4	33.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	276.6	125.7	33.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	301.8	134.1	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	335.3	125.7	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	377.2	125.7	25.1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	410.7	117.4	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*427.5*	*109.0*	*16.8*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	511.3	100.6	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	796.3	83.8	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1617.8	75.4	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3017.7	67.1	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3378.1	75.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2129.2	58.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1123.3	58.7	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	561.6	58.7	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	259.9	41.9	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	109.0	25.1	16.8	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	50.3	25.1	16.8	16.8	8.4	8.4	0.0	0.0	0.0	0.0	0.0
87.5°	25.1	25.1	25.1	16.8	16.8	8.4	8.4	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

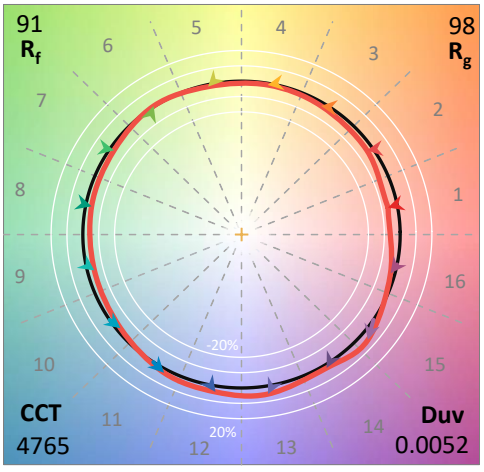
Test Information

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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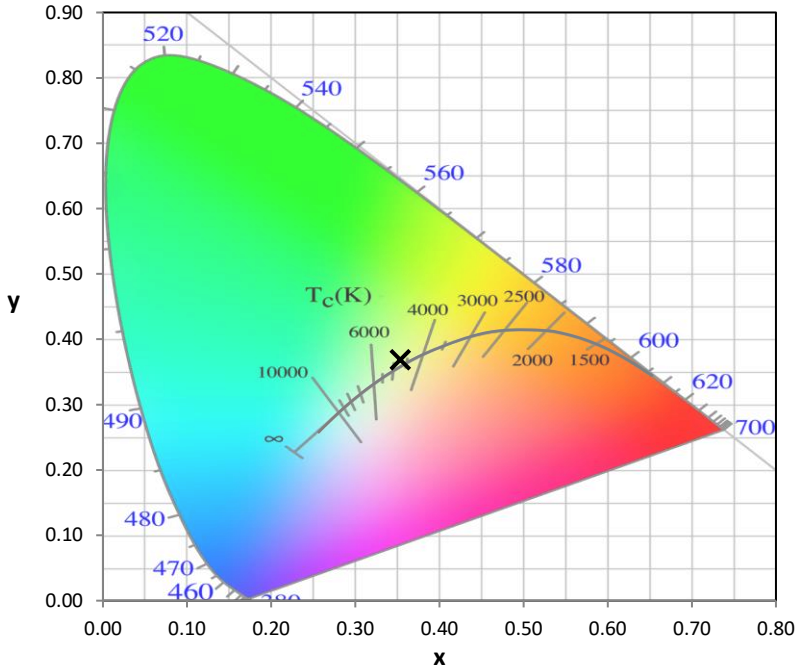
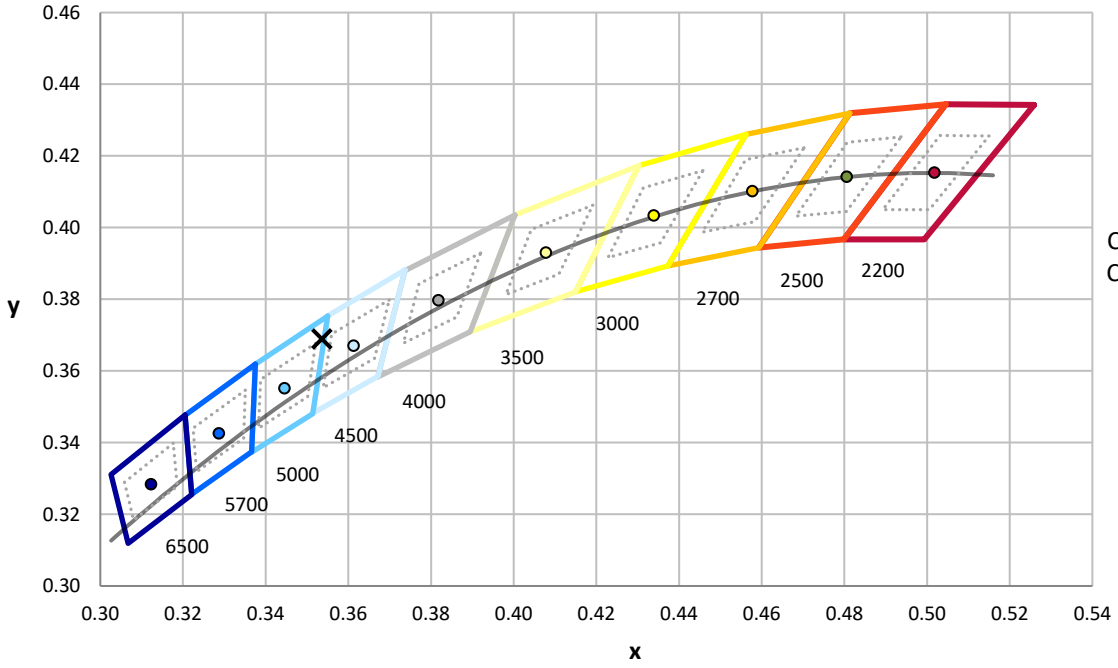
CIE 1931 Chromaticity Diagram



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

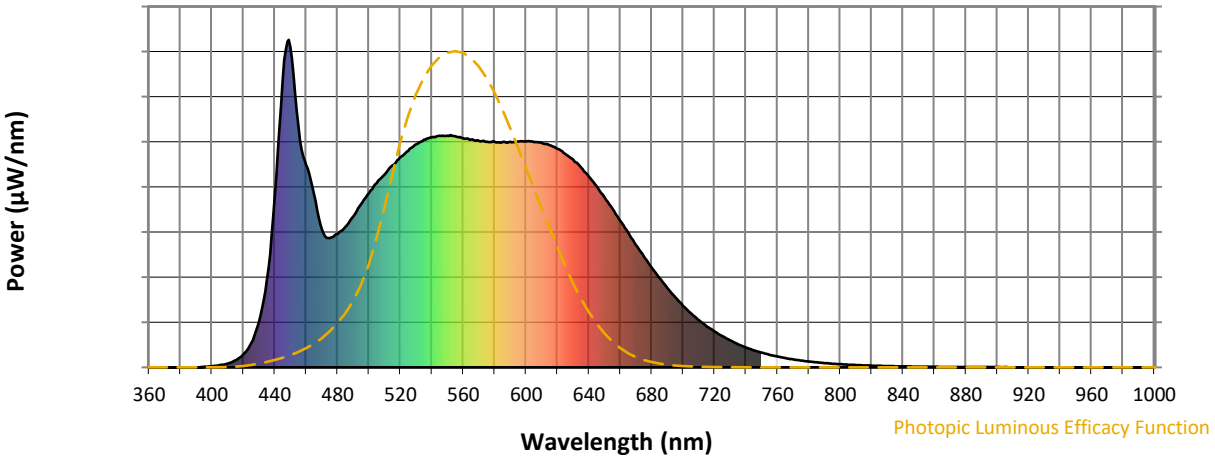


CCT = 4765K
CIE x = 0.3536
CIE y = 0.3689
Duv = 0.0052

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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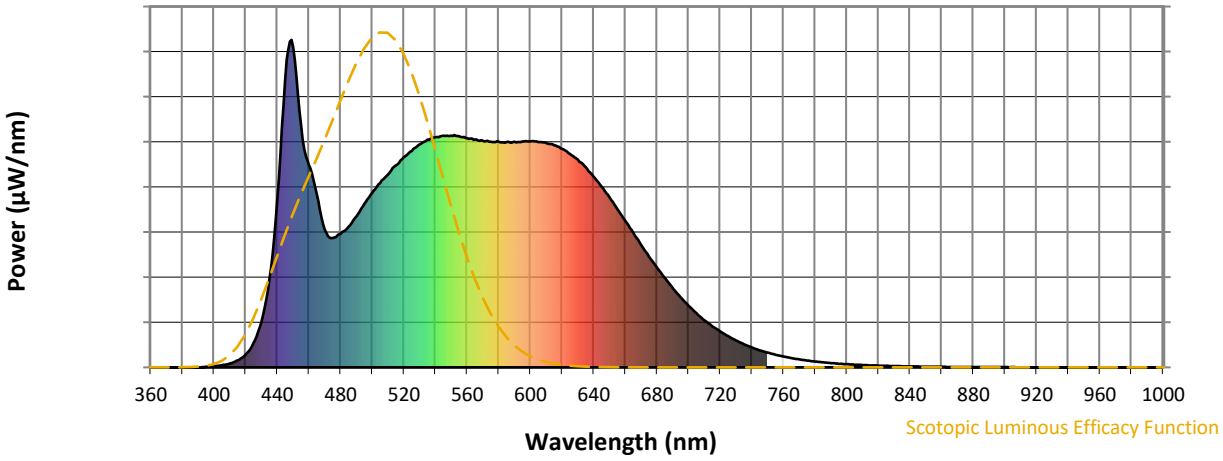
Scotopic Flux vs. Wavelength



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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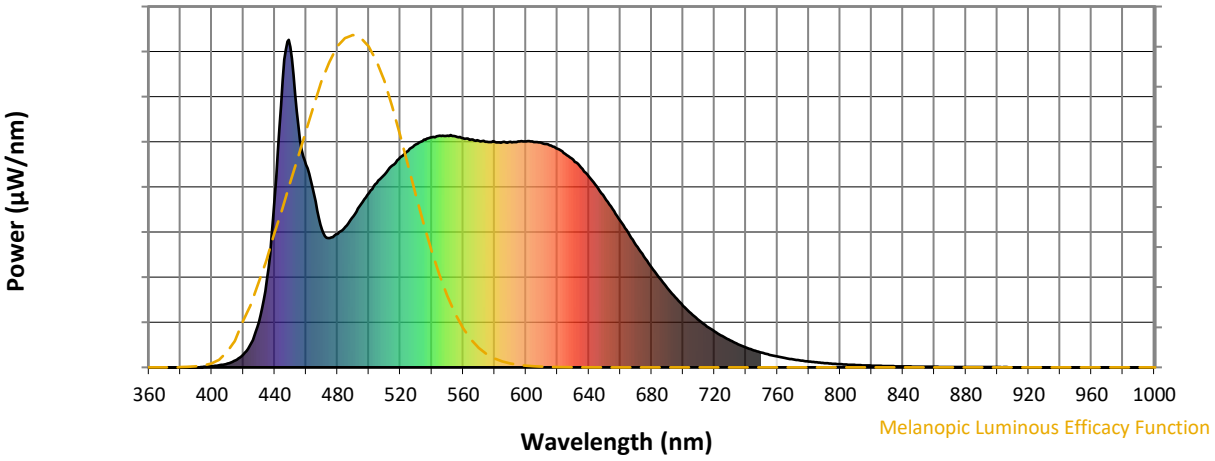
Melanopic Flux vs. Wavelength



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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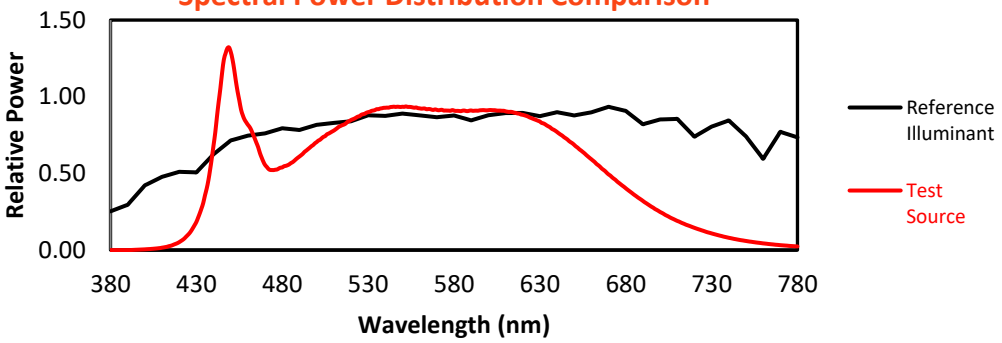
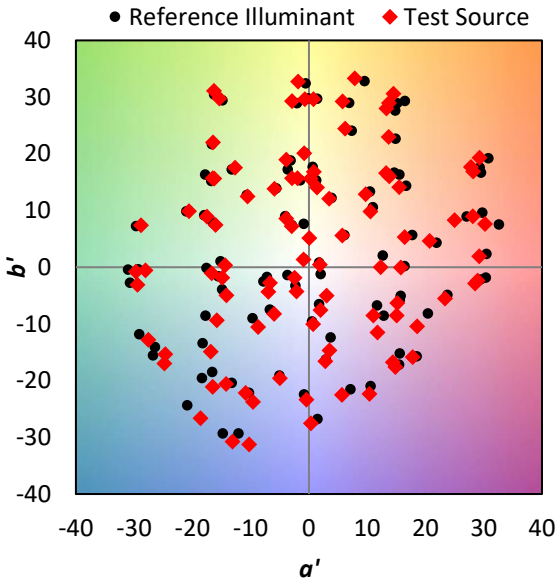
Summary

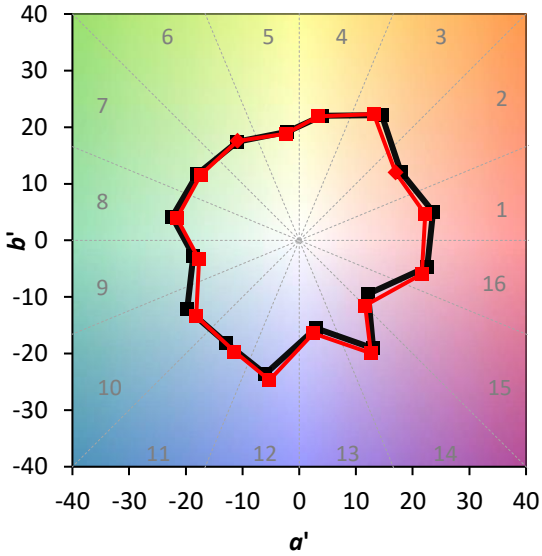
R_f = 90.7
R_g = 98
CIE R_a = 90.8
R_9 = 54.9

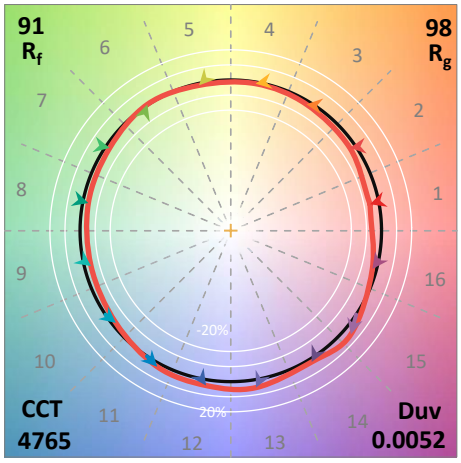
Spectral Power Distribution Comparison

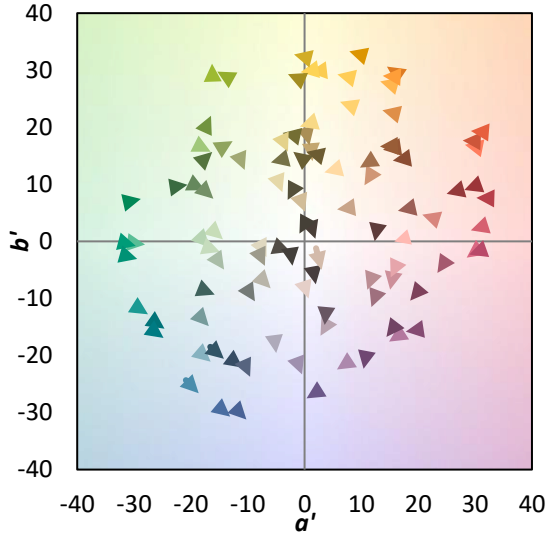


Color Vector Graphics









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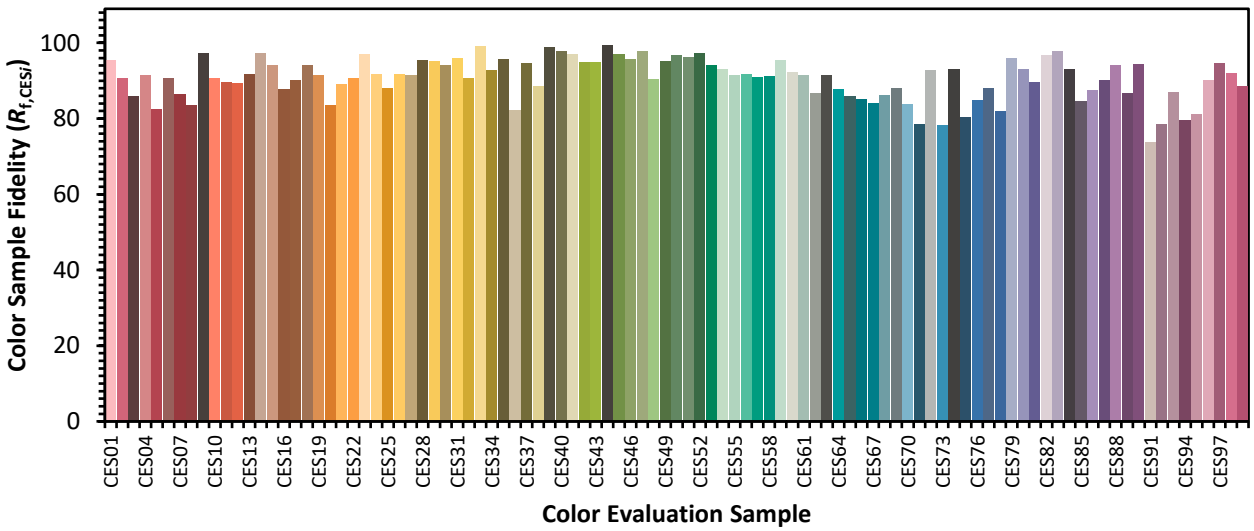
Individual Sample Fidelity Index ($R_{f,i}$)

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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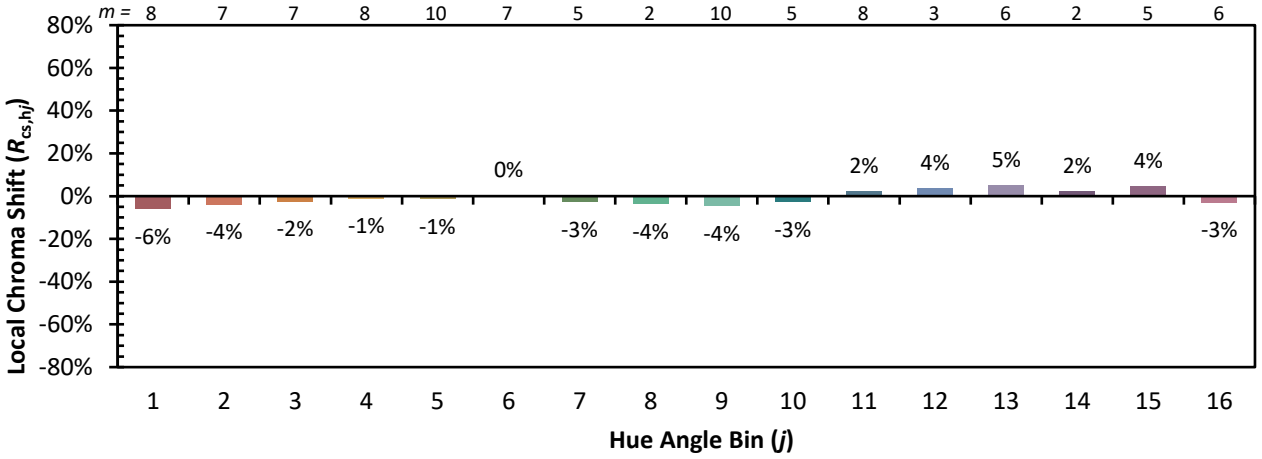
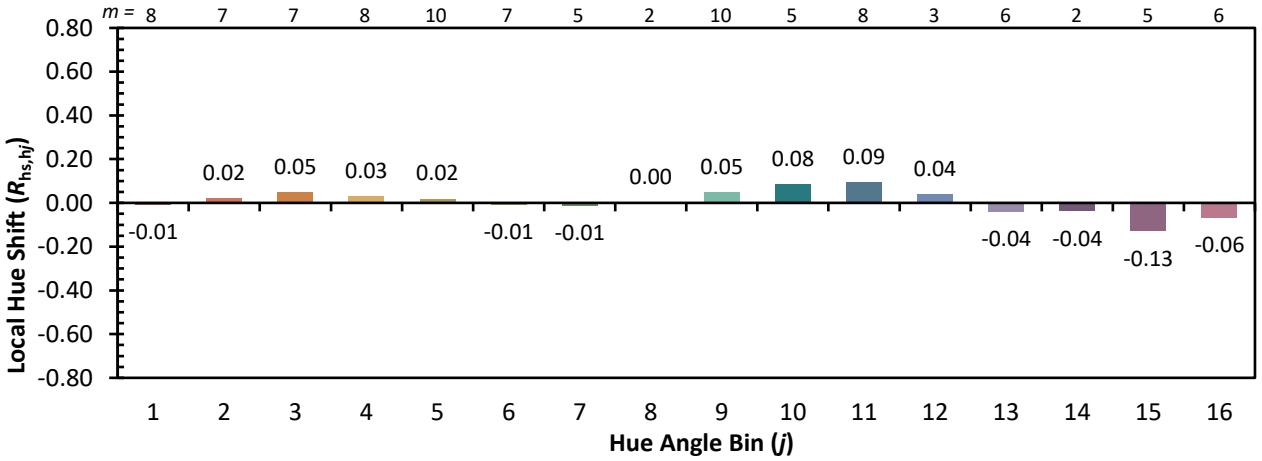
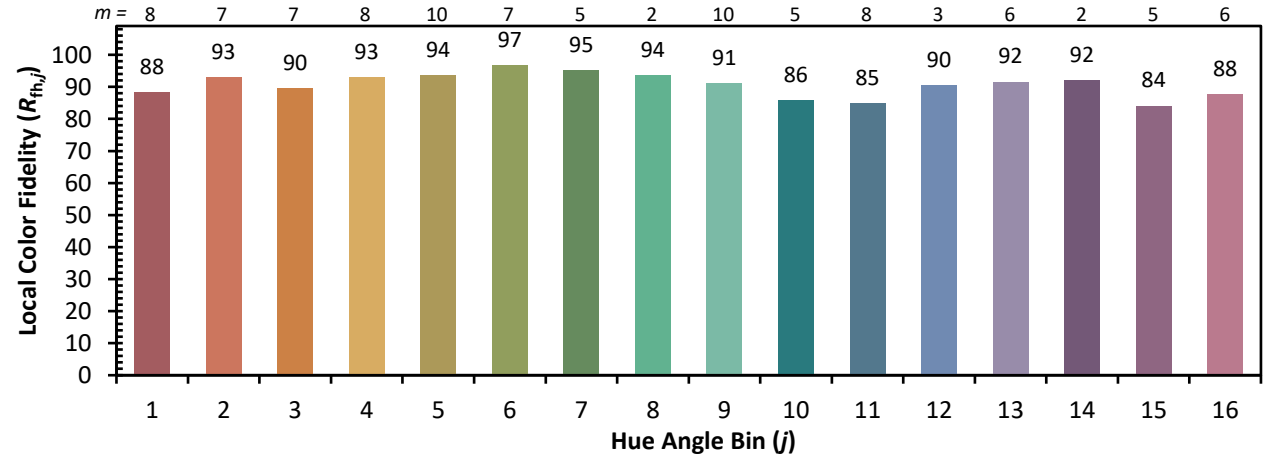
Color Rendition by Hue-Angle Bin







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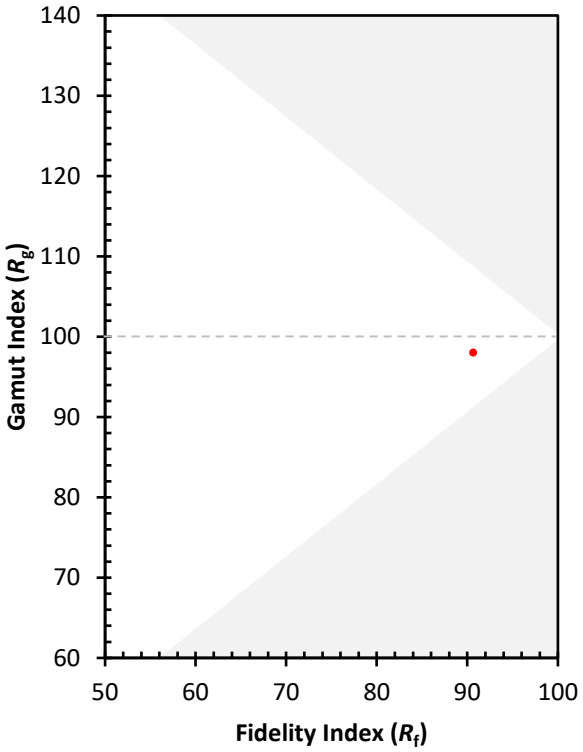
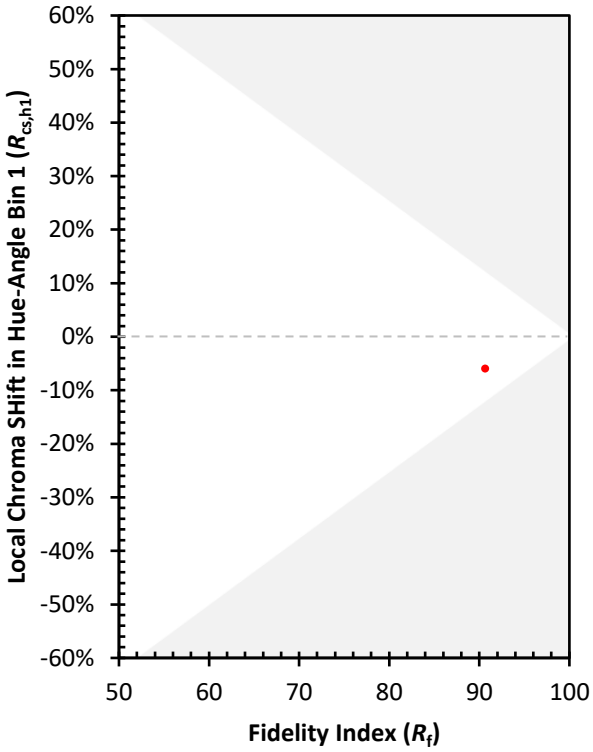
Measure Comparisons





(END OF REPORT)