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: P1048022

Luminaire Tested: **GALN-SA1B-850-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:	P1048022
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA1B-850-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE 80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(14) 5000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4145.7 lumens
Efficiency:	N/A
Efficacy:	107.1 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G1

Input Watts (W):	38.7
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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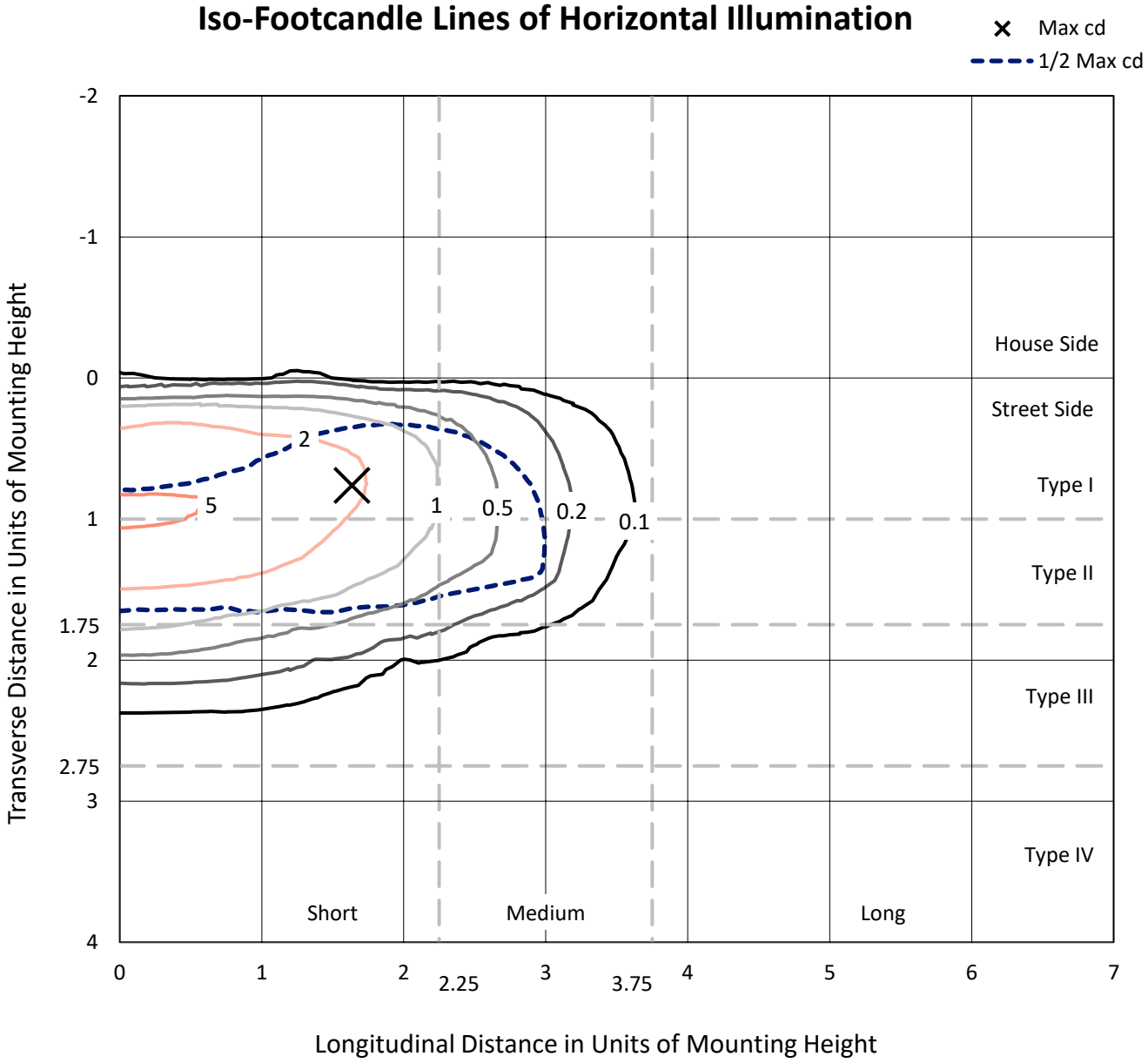
REPORT NUMBER: P1048022
CATALOG NUMBER: GALN-SA1B-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 5.5 fc
Type II - Short - N/A

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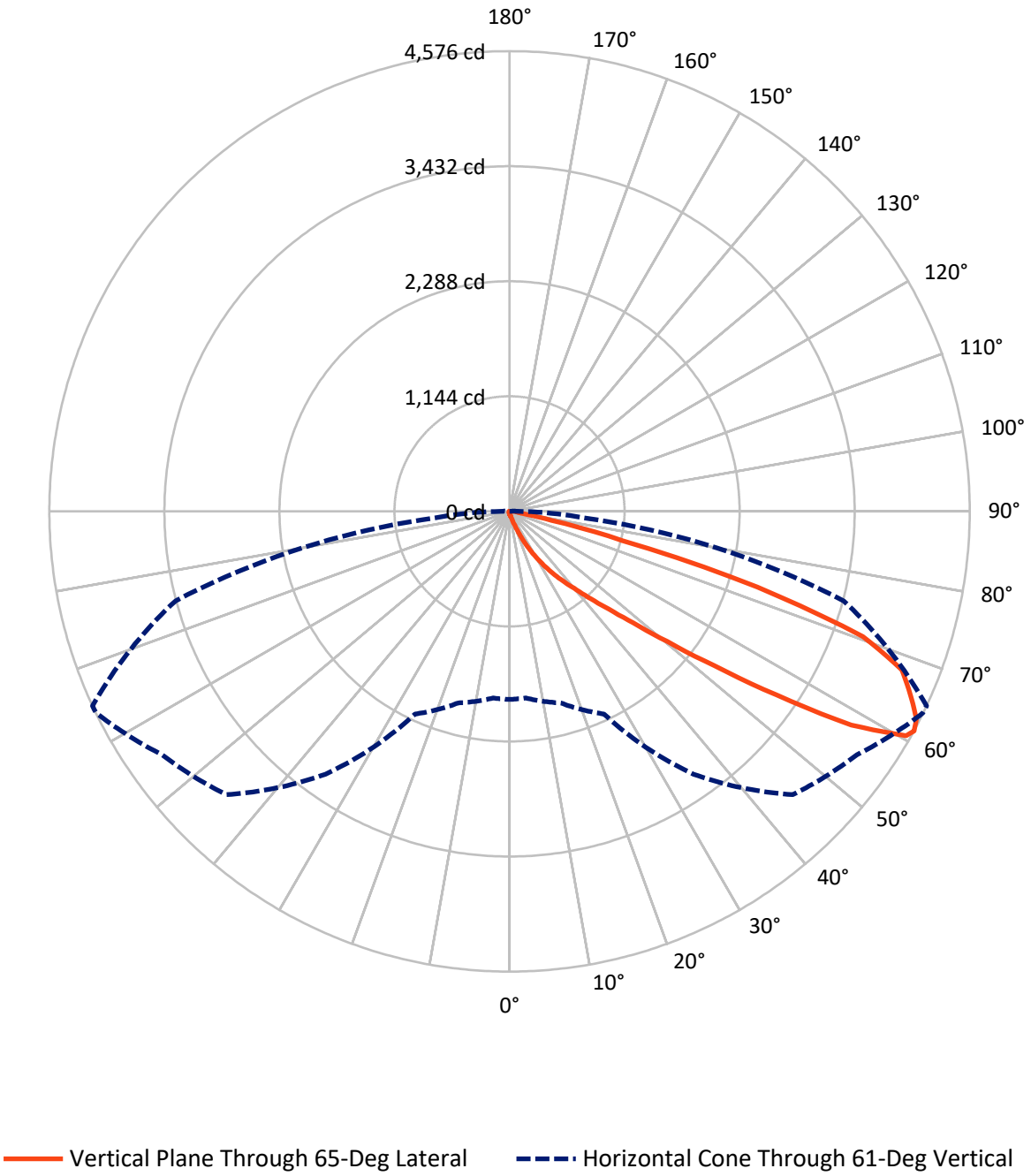
Luminous Intensity Polar Plot



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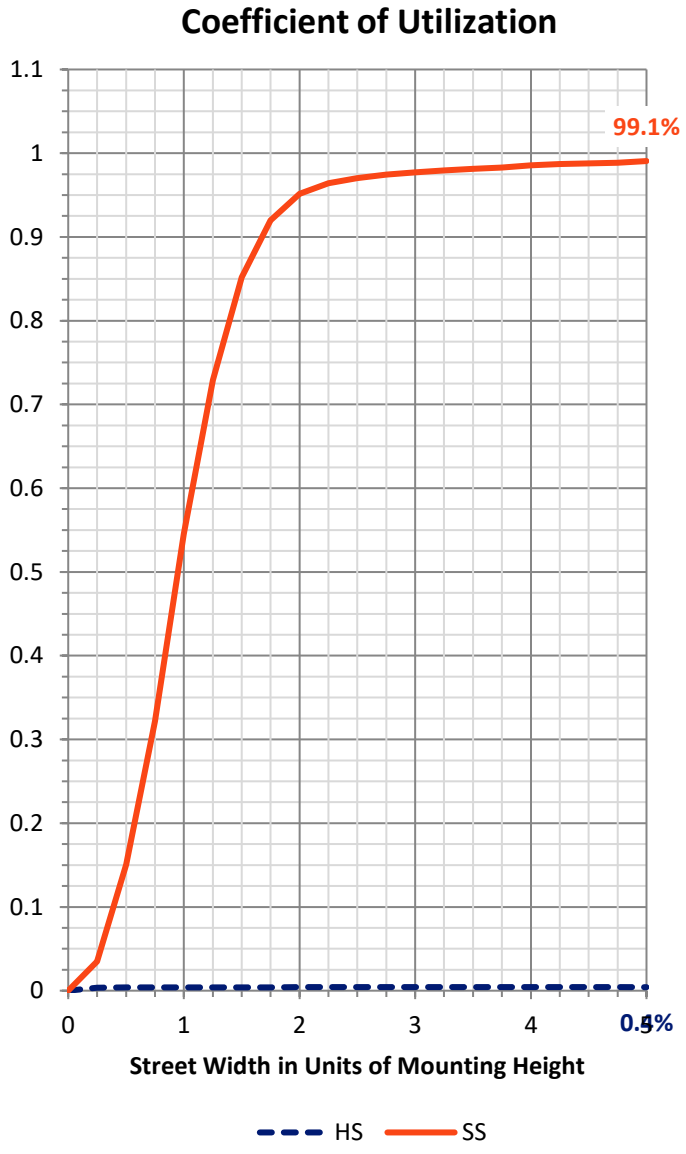
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.7	0.0	17.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4128.0	0.0	4128.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	4145.7	0.0	4145.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	34.1	0.8
20°-30°	122.3	3.0
30°-40°	325.7	7.9
40°-50°	855.7	20.6
50°-60°	1325.6	32.0
60°-70°	1111.5	26.8
70°-80°	327.1	7.9
80°-90°	40.4	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°	4145.7	100.0
0°-180°	4145.7	100.0



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REPORT NUMBER: P1048022
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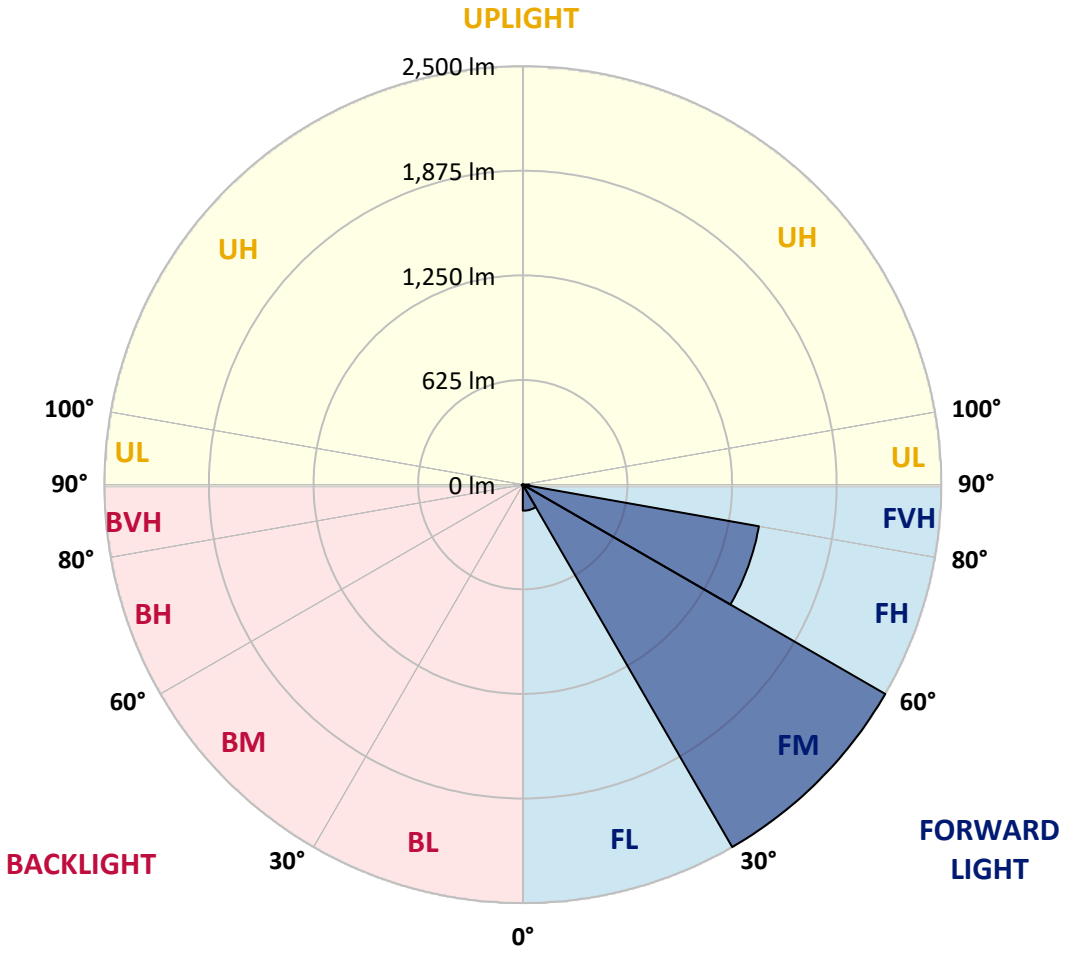
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	155.7	3.8			
FM	(30°-60°)	2500.3	60.3			
FH	(60°-80°)	1432.4	34.6			G1/1800
FVH	(80°-90°)	39.6	1.0			G1/100
BL	(0°-30°)	4.0	0.1	B0/110		
BM	(30°-60°)	6.7	0.2	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G1
Type II Short



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REPORT NUMBER: P1048022
CATALOG NUMBER: GALN-SA1B-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	*25.4*	25.4	25.4
2.5°	30.8	31.1	30.5	29.4	28.5	28.5	28.2	27.4	*27.4*	26.5	26.0
5°	43.1	42.5	41.4	39.1	37.1	35.1	33.1	31.1	*30.8*	28.2	26.5
7.5°	70.4	71.0	67.3	60.2	54.2	46.5	39.4	35.1	*34.5*	30.2	26.8
10°	154.6	150.3	141.7	114.1	93.8	70.7	52.5	40.8	*40.2*	32.5	27.4
12.5°	281.8	278.3	262.6	234.1	181.9	126.6	76.7	50.5	*48.8*	34.5	27.7
15°	406.1	400.7	392.1	363.3	302.3	227.0	125.5	69.0	*64.5*	37.4	27.4
17.5°	485.4	486.2	478.5	466.3	426.9	335.9	216.7	102.9	*94.1*	42.5	26.8
20°	554.7	552.7	557.0	550.4	522.7	456.6	315.4	163.1	*148.0*	50.8	27.1
22.5°	634.5	639.4	642.5	641.1	610.6	554.1	427.5	244.1	*225.0*	65.9	27.9
25°	741.5	740.9	741.2	737.5	707.8	645.1	539.8	344.8	*325.4*	90.4	29.9
27.5°	853.5	857.0	858.4	845.0	806.2	744.6	643.9	454.9	*432.0*	129.8	32.5
30°	1006.7	1003.8	997.3	969.9	922.8	846.4	746.6	570.4	*546.4*	184.8	36.5
32.5°	1213.1	1210.0	1176.9	1116.5	1046.0	952.5	849.8	686.1	*657.1*	253.5	41.9
35°	1553.4	1558.2	1476.9	1320.4	1194.0	1080.0	964.2	801.4	*775.7*	338.2	49.3
37.5°	2074.4	2047.9	1937.5	1660.9	1388.8	1239.1	1073.4	917.7	*895.5*	442.6	59.0
40°	2580.6	2554.3	2522.4	2260.3	1727.3	1414.5	1226.3	1054.3	*1025.5*	560.4	73.3
42.5°	3112.7	3098.2	3096.8	2899.1	2345.0	1690.3	1410.2	1214.3	*1189.8*	689.6	96.7
45°	3489.7	3475.2	3505.7	3540.2	3186.3	2281.1	1730.5	1422.2	*1386.5*	846.4	134.0
47.5°	3540.5	3541.1	3622.6	3730.7	3811.4	3195.1	2157.1	1697.7	*1654.3*	1070.8	196.8
50°	3371.7	3378.2	3508.0	3701.3	3918.6	3962.0	2909.4	2097.5	*2033.3*	1336.9	285.7
52.5°	3050.3	3057.7	3238.5	3556.5	3820.0	4146.2	3795.2	2620.5	*2546.6*	1668.9	411.2
55°	2760.8	2765.4	2972.7	3374.5	3701.0	4046.1	4321.0	3318.9	*3221.9*	2077.2	535.0
57.5°	2474.2	2463.7	2598.5	3058.5	3680.8	3923.2	4398.6	4114.8	*4007.9*	2523.5	631.4
60°	2090.9	2073.2	2181.6	2474.2	3414.4	4003.9	4253.4	4555.2	*4530.9*	3144.9	705.8
61°	*1870.5*	*1863.1*	*1972.0*	*2223.0*	*3190.3*	*3983.4*	*4218.6*	*4573.7*	*4576.3*	*3439.0*	*739.2*
62.5°	1335.8	1356.9	1523.4	1849.7	2672.1	3850.2	4223.2	4516.4	*4541.8*	3829.7	825.6
65°	593.7	627.7	757.1	1022.6	1553.9	3202.8	4182.7	4390.6	*4378.1*	3936.9	1123.3
67.5°	352.2	357.3	421.8	579.5	823.0	1722.8	3691.1	4224.3	*4207.5*	3427.3	1397.7
70°	277.5	280.0	300.6	363.6	477.7	659.9	2106.6	3654.8	*3728.1*	2779.1	1368.3
72.5°	263.2	262.6	265.5	276.6	300.9	327.4	815.6	2429.4	*2578.6*	2001.4	1147.3
75°	259.8	258.7	255.8	251.5	217.9	192.8	252.7	1074.6	*1161.0*	1367.4	863.8
77.5°	252.1	252.4	253.0	241.3	186.8	136.3	122.3	344.8	*424.1*	867.8	614.0
80°	170.5	173.1	177.4	172.8	168.0	98.7	86.4	122.6	*124.3*	487.1	405.5
82.5°	86.4	86.4	84.4	75.3	65.0	64.2	68.7	89.0	*90.1*	246.4	190.8
85°	52.2	55.0	56.2	51.0	46.8	43.1	52.5	70.7	*73.3*	95.5	44.5
87.5°	11.7	12.0	13.1	17.4	25.4	34.5	48.8	64.7	*65.9*	61.3	5.4
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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REPORT NUMBER: P1048022
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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
2.5°	25.7	25.1	24.8	24.0	23.1	22.2	21.7	21.4	21.7	22.0	22.0
5°	25.4	24.5	23.1	21.7	20.5	19.4	18.3	18.0	18.0	18.3	18.3
7.5°	25.4	24.0	22.0	20.2	18.5	16.8	16.0	15.4	15.7	15.7	15.7
10°	25.4	23.7	21.1	18.5	16.5	14.5	13.1	12.5	12.5	12.5	12.5
12.5°	25.1	23.4	20.2	17.1	14.3	12.0	10.3	9.4	9.7	9.7	9.7
15°	24.5	22.5	19.1	14.5	11.4	9.1	7.4	6.6	6.8	7.4	7.7
17.5°	23.7	21.7	17.1	12.3	9.1	6.8	5.1	4.6	4.8	5.7	5.7
20°	23.4	20.8	15.1	10.0	6.8	4.8	3.4	2.9	3.1	4.3	4.6
22.5°	23.4	20.2	13.7	8.3	5.1	3.1	2.0	1.1	1.1	2.0	2.0
25°	23.7	20.0	12.5	6.8	3.7	2.3	1.1	0.6	1.1	3.1	3.7
27.5°	24.2	19.7	12.0	5.7	2.9	2.0	0.9	2.0	3.4	3.4	3.4
30°	24.8	19.1	11.1	4.8	2.6	1.4	1.4	2.9	2.9	3.4	3.7
32.5°	25.7	18.8	10.6	4.3	2.0	1.1	2.0	1.7	1.7	2.0	2.3
35°	27.4	19.1	10.0	4.3	2.0	1.4	1.7	0.9	0.6	0.6	0.6
37.5°	29.7	19.4	9.1	3.7	1.7	1.7	0.9	0.0	0.0	0.0	0.0
40°	33.4	20.2	8.6	3.4	1.4	1.4	0.3	0.0	0.0	0.0	0.0
42.5°	39.6	22.0	8.3	3.1	1.4	1.1	0.0	0.0	0.0	0.0	0.0
45°	52.2	26.0	7.7	2.9	1.4	0.6	0.0	0.0	0.0	0.0	0.0
47.5°	75.0	35.4	7.4	2.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	109.5	47.9	7.1	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	139.7	50.5	4.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	143.2	34.8	3.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	114.1	22.5	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.4	17.1	2.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*83.0*	*15.4*	*2.9*	*0.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	91.5	13.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	148.9	11.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	258.7	9.7	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	326.8	9.1	1.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	284.9	8.3	1.7	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
75°	171.4	7.1	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	89.8	5.4	1.7	1.4	0.9	0.3	0.0	0.0	0.0	0.0	0.0
80°	43.6	4.8	2.0	1.4	1.1	0.6	0.0	0.0	0.0	0.0	0.0
82.5°	17.1	4.0	2.3	2.0	1.4	0.9	0.3	0.0	0.0	0.0	0.0
85°	7.7	3.4	2.6	2.3	2.0	1.1	0.3	0.0	0.0	0.0	0.0
87.5°	4.0	3.1	2.9	2.6	2.0	1.4	0.6	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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Peachtree City, GA 30269

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

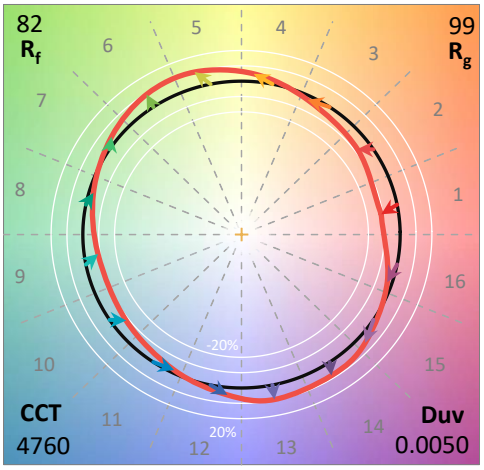
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-12
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-850-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4760
CIE u':	0.2107
CIE v':	0.4939
Duv:	0.0050
CIE x:	0.3537
CIE y:	0.3685
CIE z:	0.2779
Peak Wavelength (nm):	443
Dominant Wavelength (nm):	571
Purity:	16.69598
Rf:	82
Rg:	99.4

CRI (Ra):	81.1				
R1:	79.8	R9:	8.7		
R2:	83.5	R10:	62.4		
R3:	87.9	R11:	83.8		
R4:	83.1	R12:	63.0		
R5:	80.5	R13:	79.9		
R6:	79.1	R14:	93.3		
R7:	86.1	R15:	72.7		
R8:	69.0				



Test Conditions

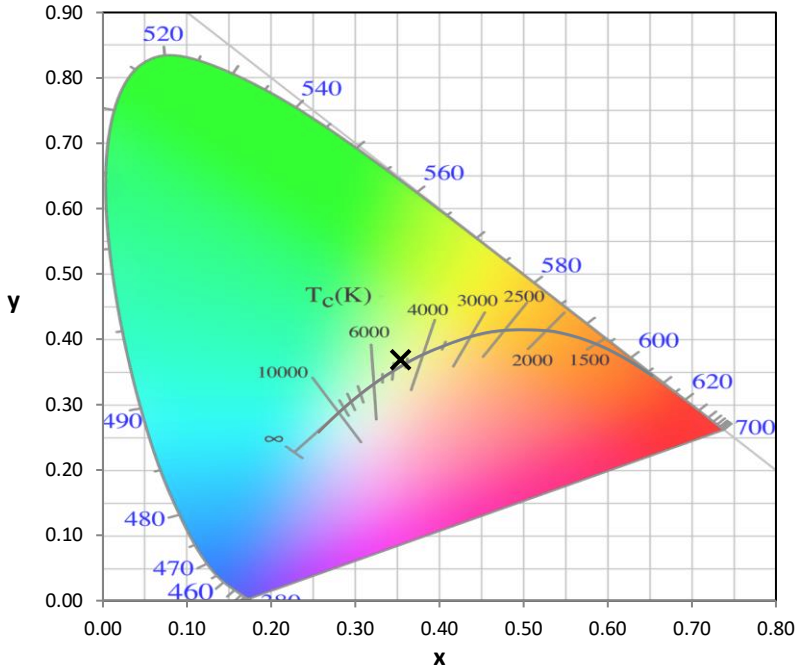
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-12

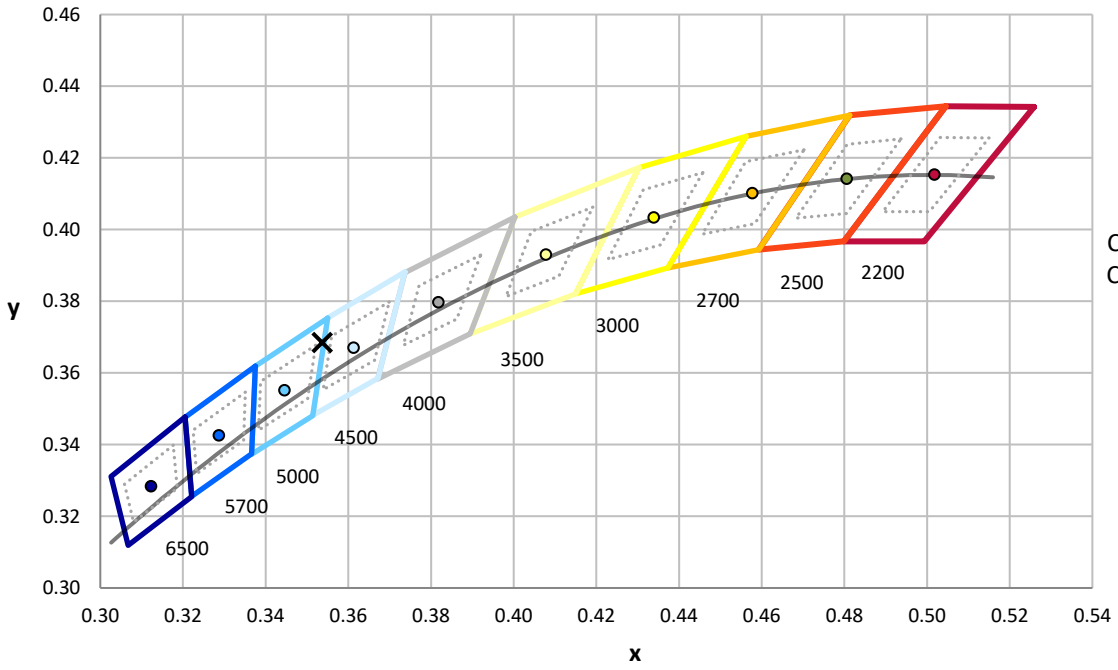
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



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

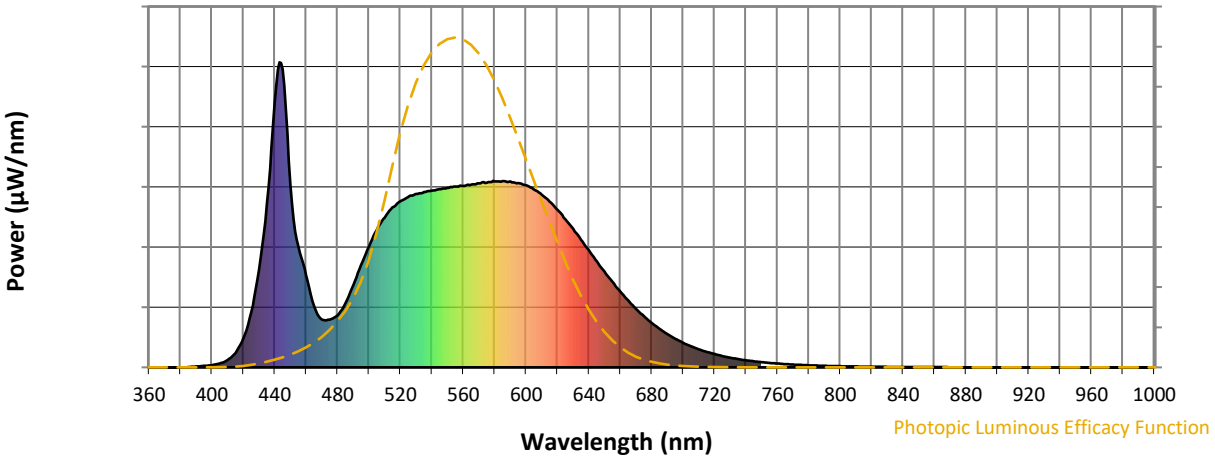


CCT = 4760K
CIE x = 0.3537
CIE y = 0.3685
Duv = 0.0050

Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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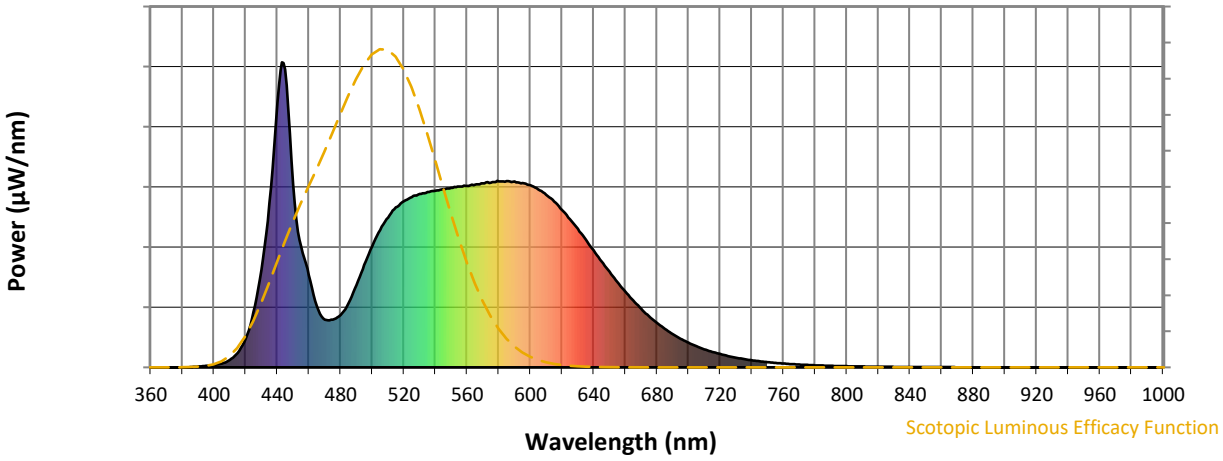
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.83**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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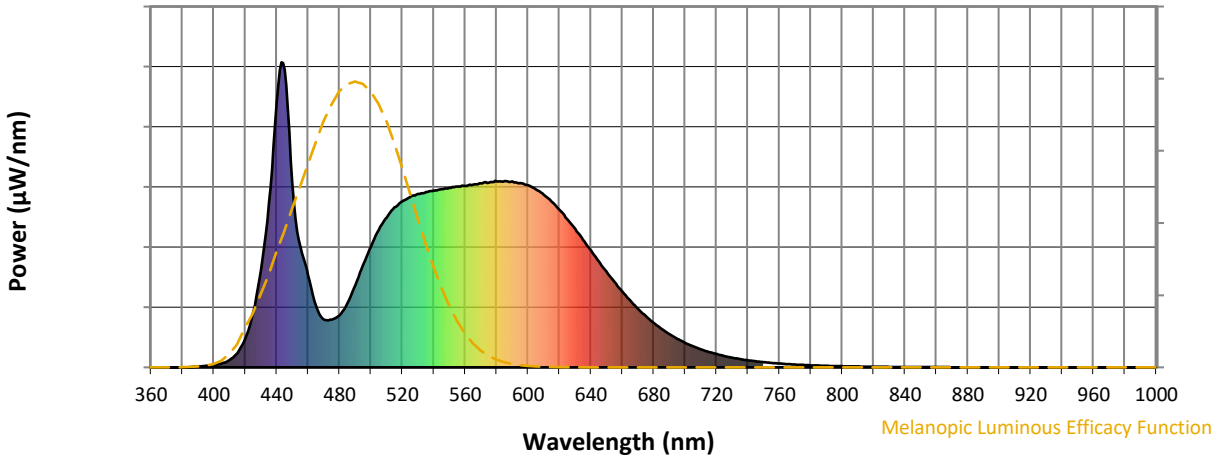
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.74**

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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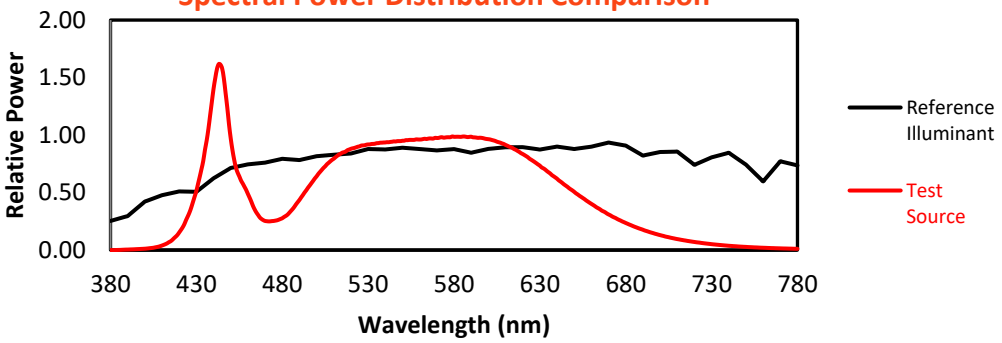
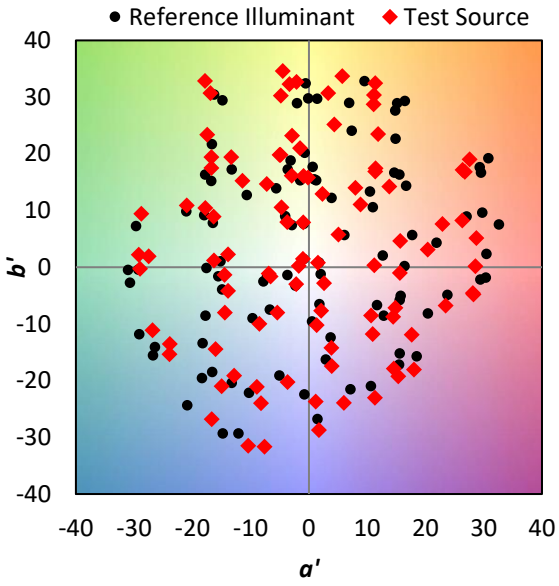
Summary

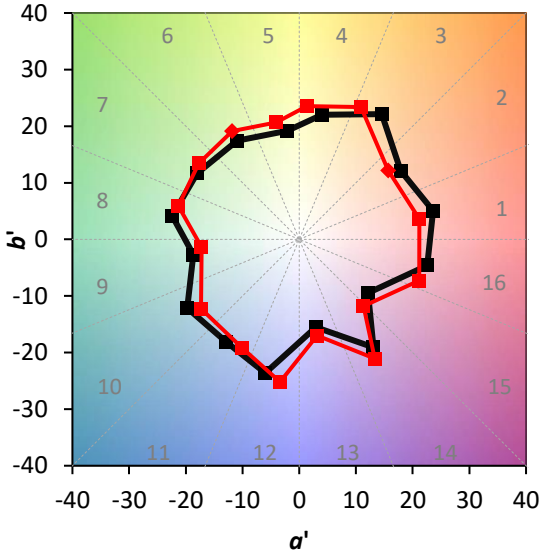
R_f = 82
R_g = 99.4
CIE R_a = 81.1
R_9 = 8.7

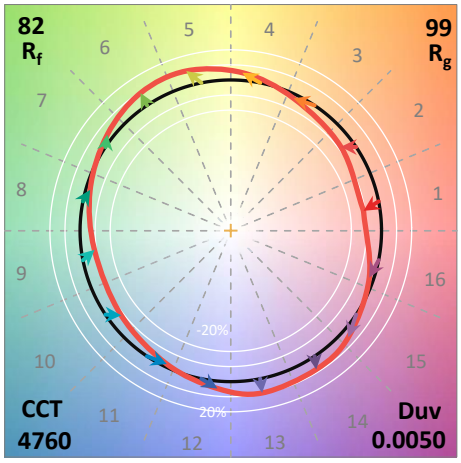
Spectral Power Distribution Comparison

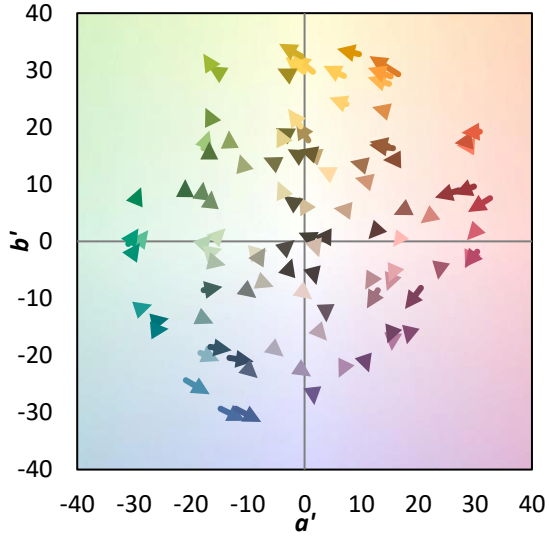


Color Vector Graphics









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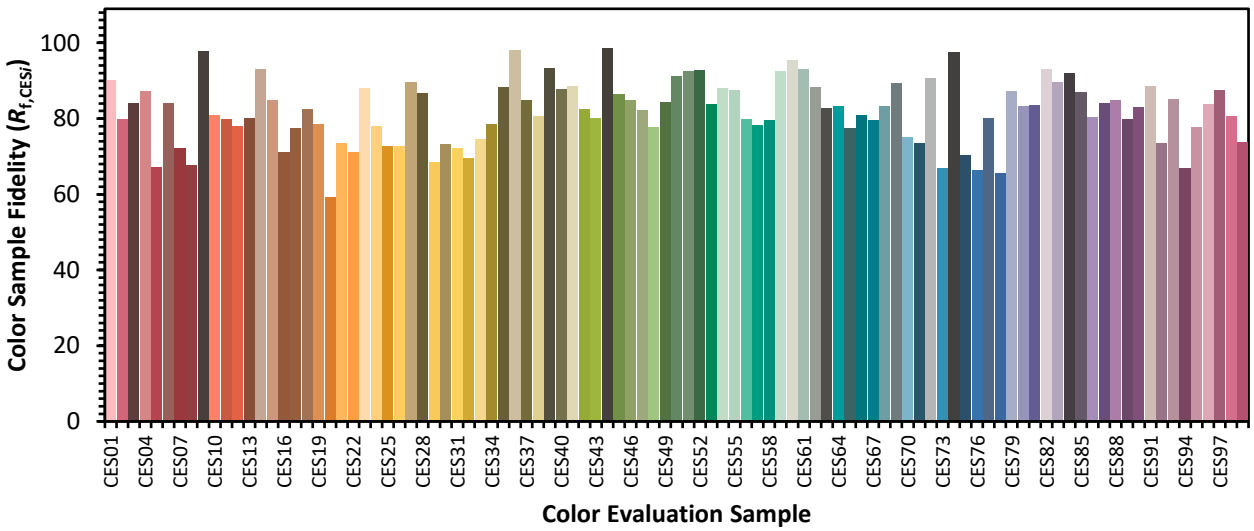
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



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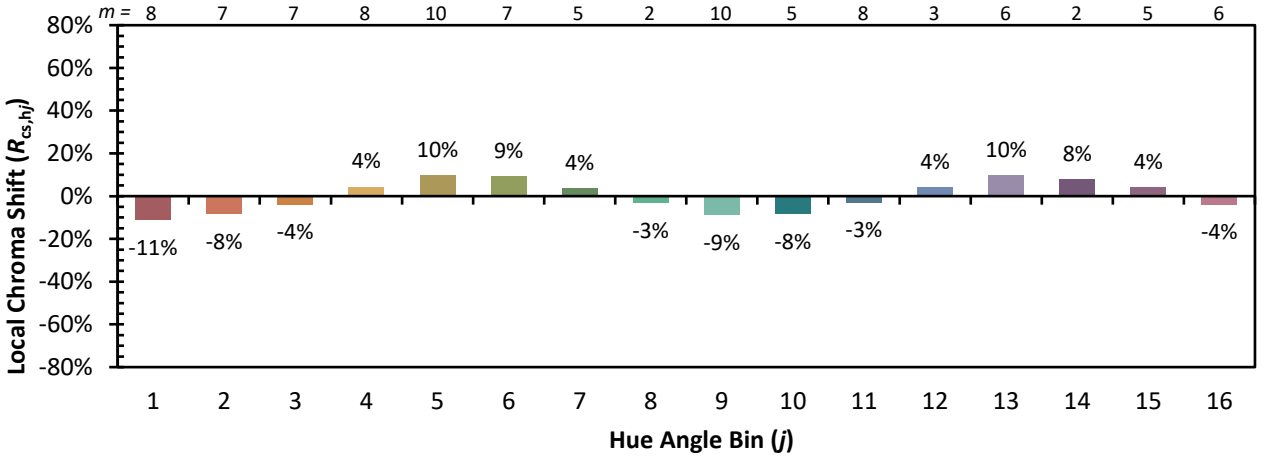
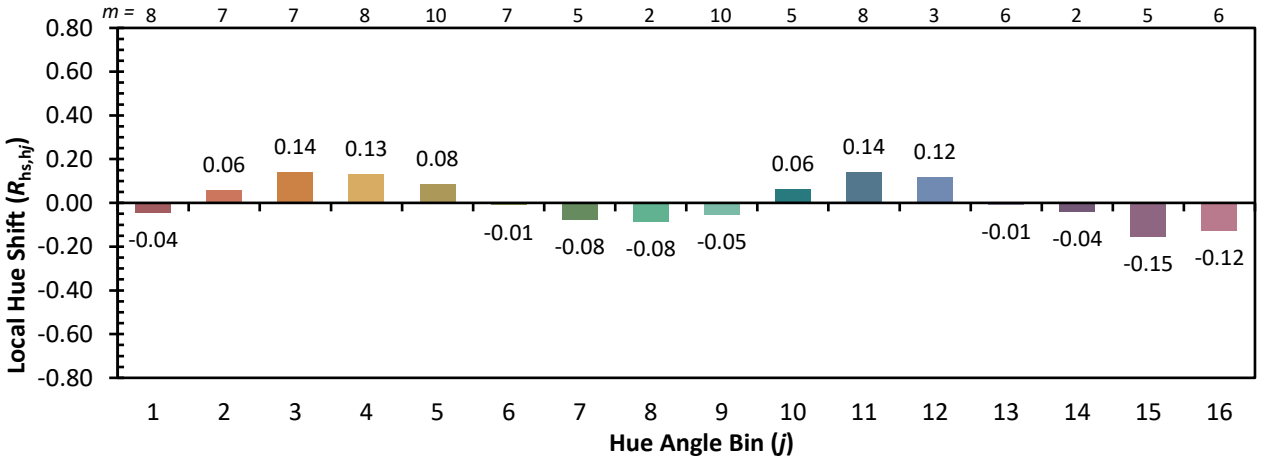
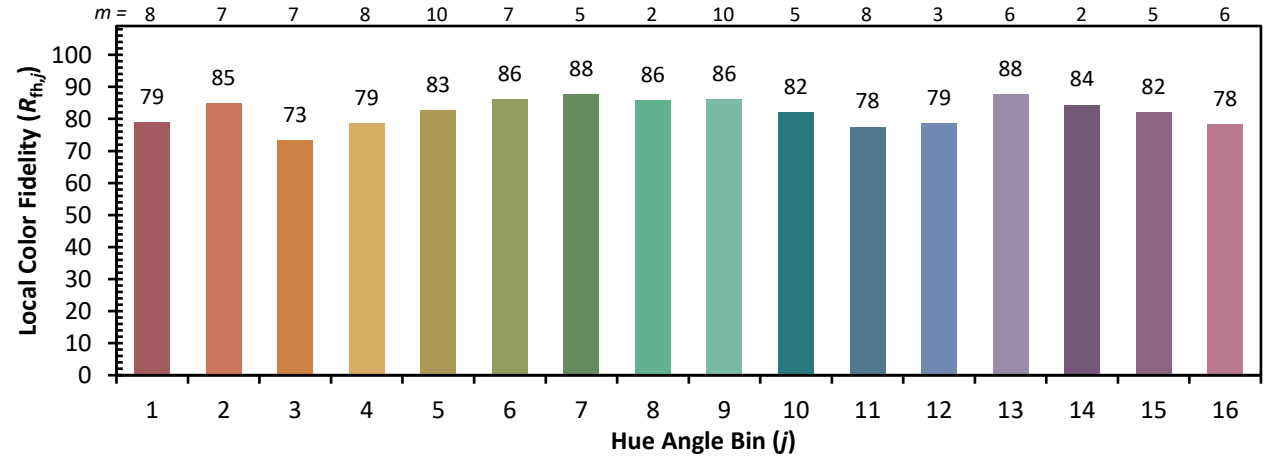
Color Rendition by Hue-Angle Bin







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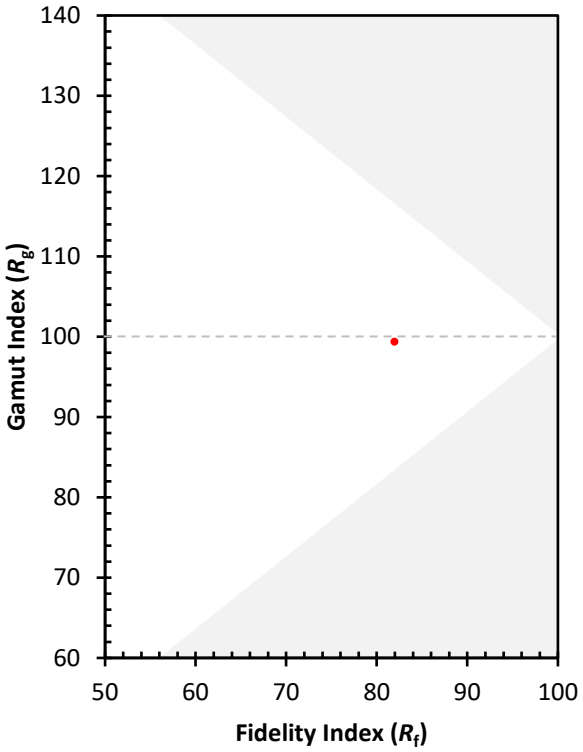
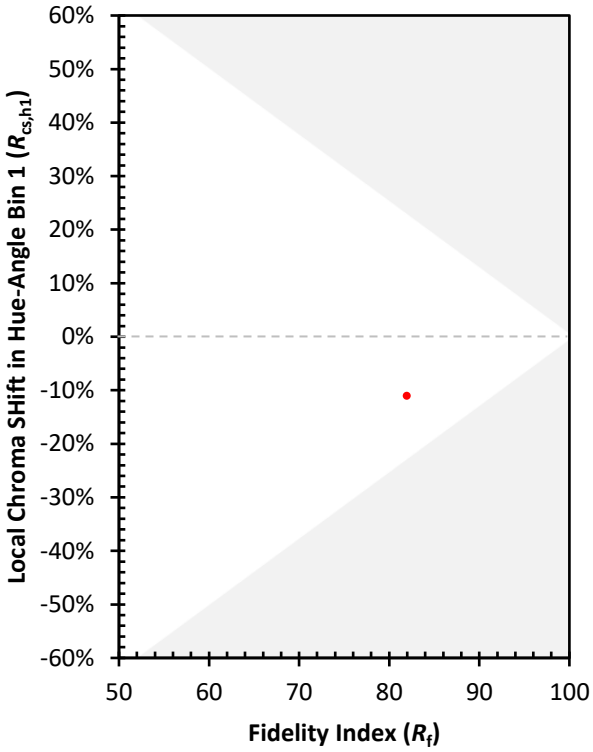
Measure Comparisons





(END OF REPORT)