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: P1047714

Luminaire Tested: **GALN-SA5B-727-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:	P1047714
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA5B-727-U-T2BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(70) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20188.4 lumens
Efficiency:	N/A
Efficacy:	112.9 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	178.8
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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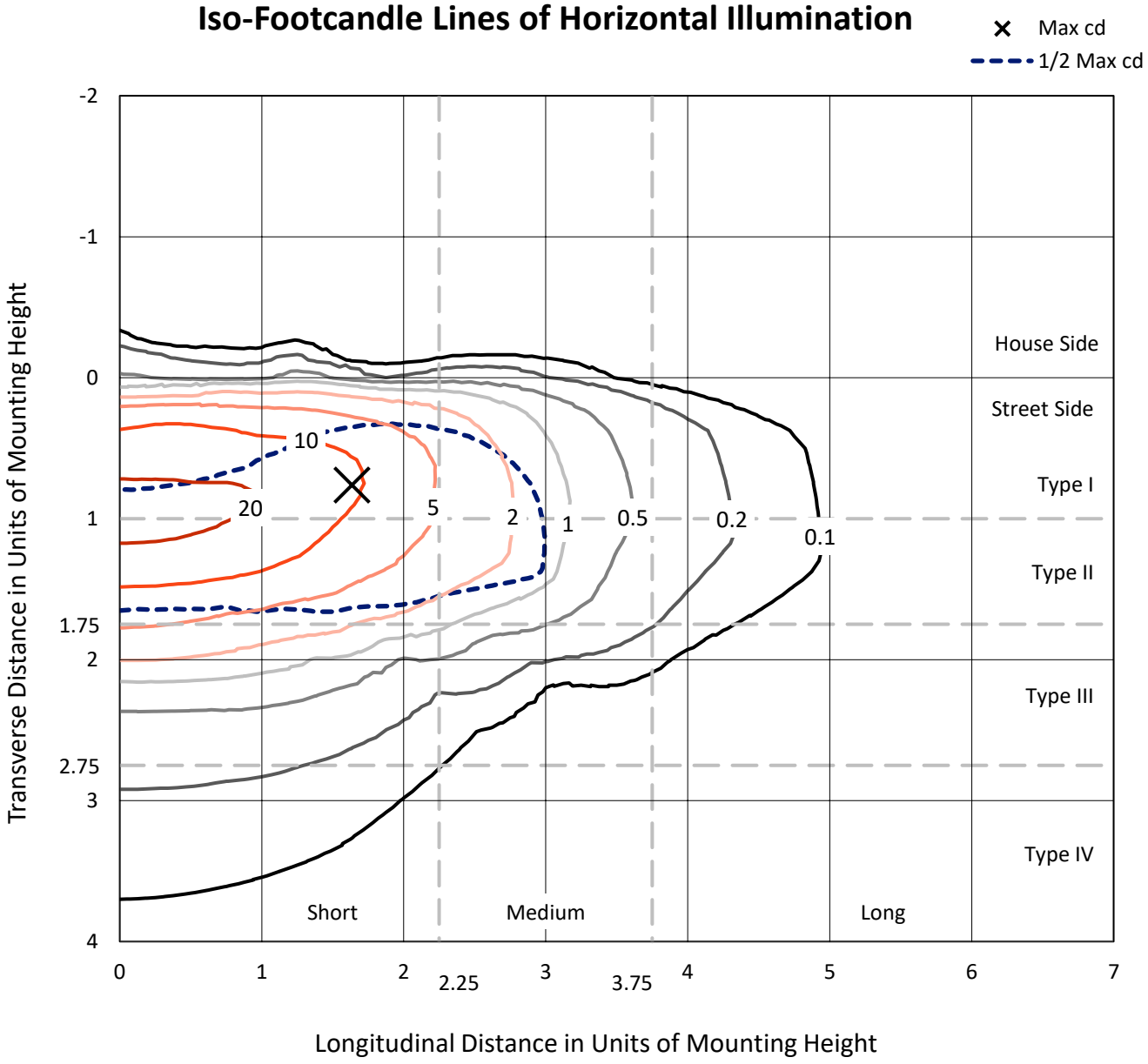
REPORT NUMBER: P1047714
CATALOG NUMBER: GALN-SA5B-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 26.7 fc
Type II - Short - N/A

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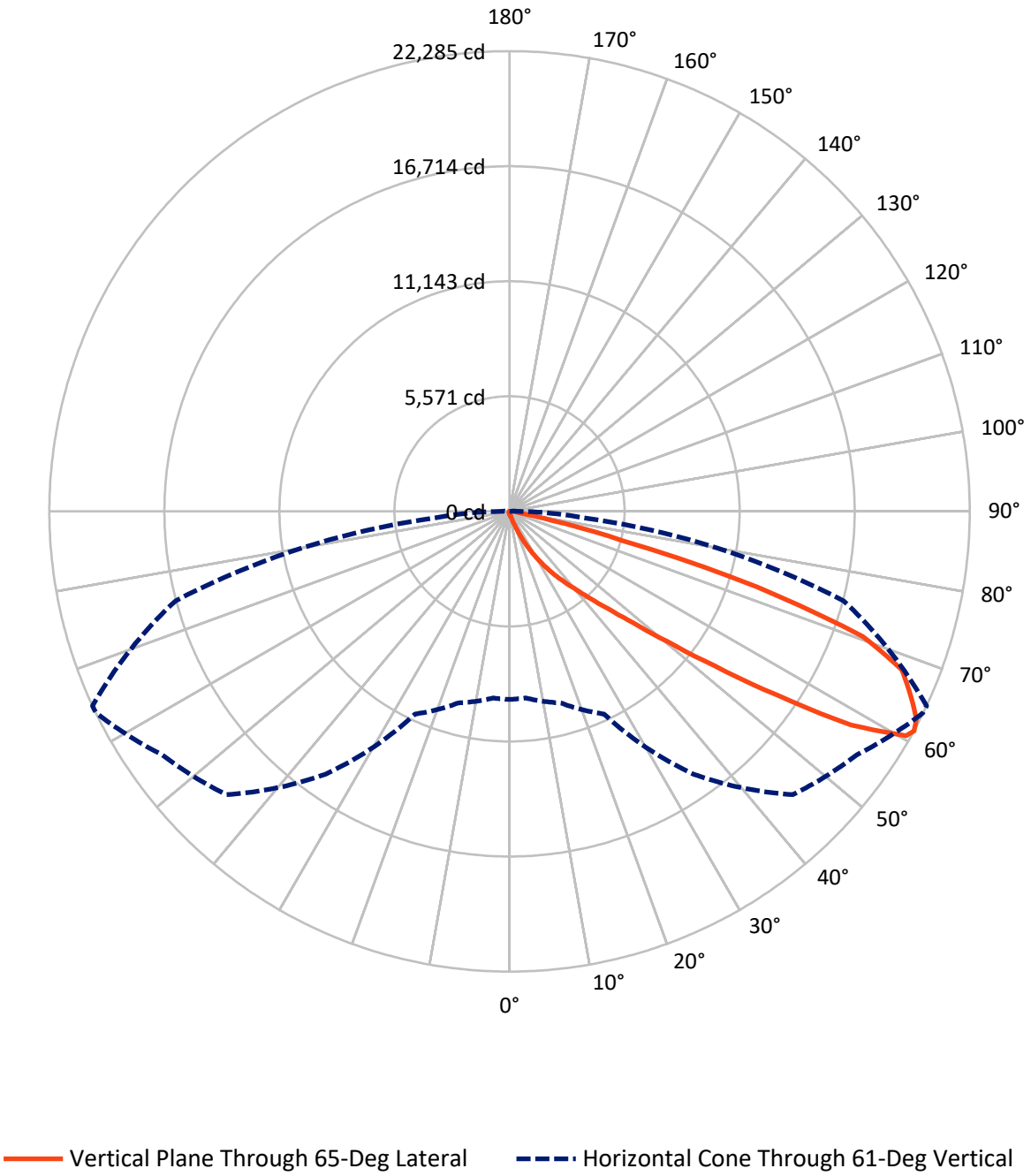
Luminous Intensity Polar Plot



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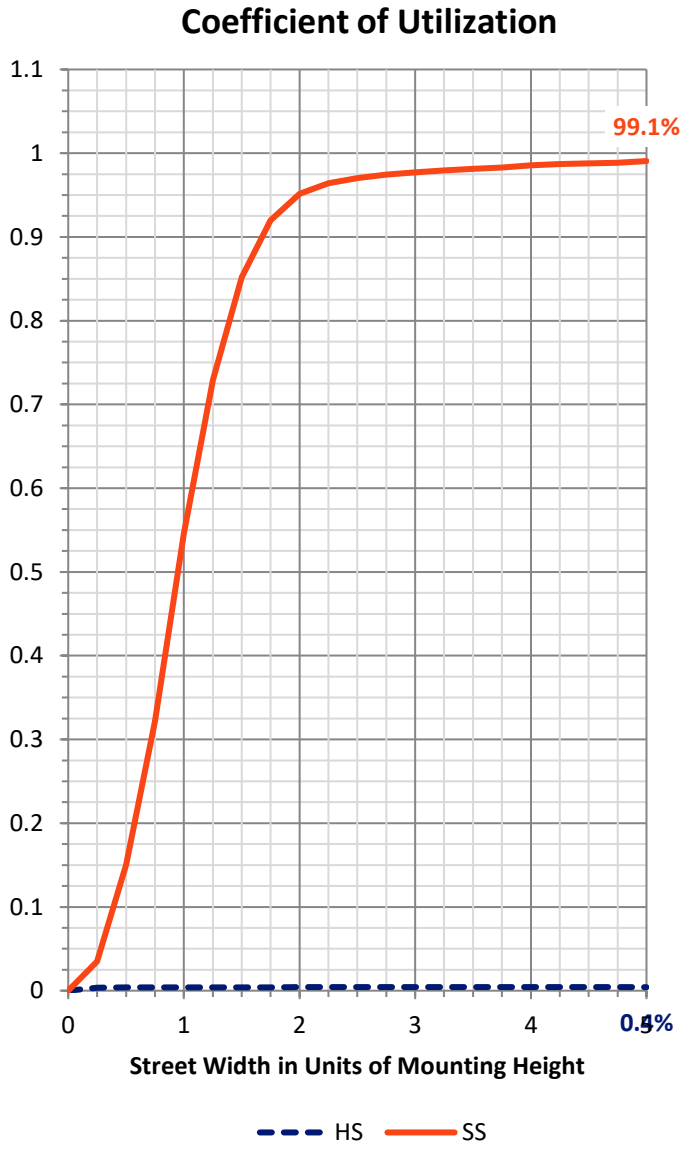
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	86.2	0.0	86.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20102.3	0.0	20102.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	20188.4	0.0	20188.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.1
10°-20°	166.0	0.8
20°-30°	595.8	3.0
30°-40°	1586.2	7.9
40°-50°	4167.0	20.6
50°-60°	6455.5	32.0
60°-70°	5412.8	26.8
70°-80°	1592.9	7.9
80°-90°	196.5	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°	20188.4	100.0
0°-180°	20188.4	100.0



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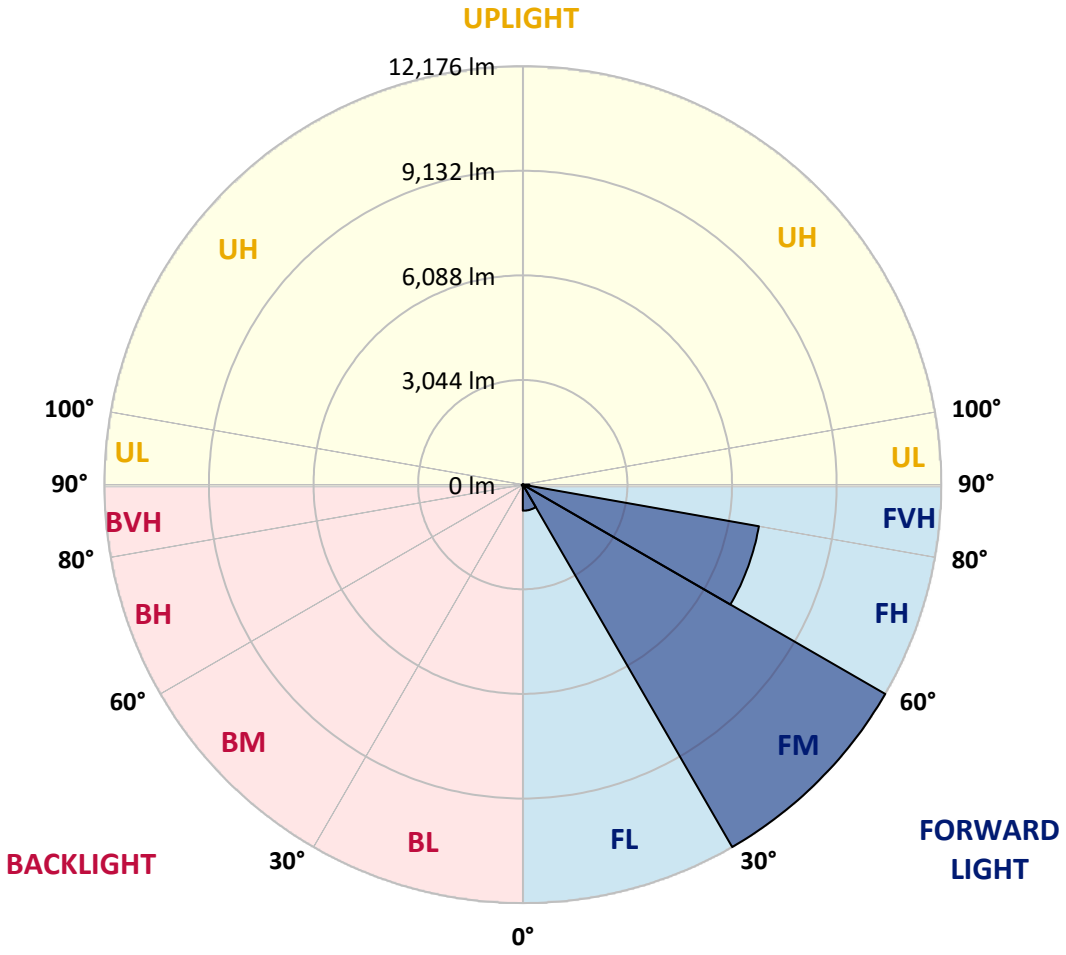
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	758.2	3.8			
FM	(30°-60°)	12175.9	60.3			
FH	(60°-80°)	6975.3	34.6			G3/7500
FVH	(80°-90°)	192.9	1.0			G2/225
BL	(0°-30°)	19.3	0.1	B0/110		
BM	(30°-60°)	32.8	0.2	B0/220		
BH	(60°-80°)	30.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G3
Type II Short



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REPORT NUMBER: P1047714
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6
2.5°	150.0	151.4	148.6	143.0	138.9	138.9	137.5	133.3	133.3	129.2	126.4
5°	209.7	206.9	201.4	190.3	180.5	170.8	161.1	151.4	150.0	137.5	129.2
7.5°	343.0	345.8	327.7	293.0	263.9	226.4	191.6	170.8	168.0	147.2	130.5
10°	752.7	731.9	690.2	555.5	456.9	344.4	255.5	198.6	195.8	158.3	133.3
12.5°	1372.1	1355.4	1279.0	1140.2	886.0	616.6	373.6	245.8	237.5	168.0	134.7
15°	1977.6	1951.2	1909.5	1769.3	1472.1	1105.4	611.0	336.1	313.9	181.9	133.3
17.5°	2363.6	2367.8	2330.3	2270.6	2079.0	1635.9	1055.4	501.3	458.3	206.9	130.5
20°	2701.1	2691.4	2712.2	2680.3	2545.6	2223.4	1536.0	794.4	720.8	247.2	131.9
22.5°	3090.0	3113.6	3128.8	3121.9	2973.3	2698.3	2081.7	1188.8	1095.7	320.8	136.1
25°	3610.7	3608.0	3609.4	3591.3	3446.9	3141.3	2628.9	1679.0	1584.6	440.2	145.8
27.5°	4156.5	4173.2	4180.1	4114.9	3926.0	3626.0	3135.8	2215.1	2104.0	631.9	158.3
30°	4902.3	4888.4	4856.4	4723.1	4494.0	4121.8	3635.7	2777.5	2660.8	899.9	177.8
32.5°	5907.7	5892.5	5731.4	5436.9	5093.9	4638.4	4138.5	3341.3	3199.7	1234.6	204.1
35°	7564.5	7588.1	7192.3	6429.9	5814.7	5259.2	4695.4	3902.4	3777.4	1647.1	240.3
37.5°	10101.7	9972.6	9435.1	8088.1	6763.2	6034.1	5227.2	4469.0	4360.7	2155.3	287.5
40°	12566.8	12439.0	12283.5	11007.2	8411.6	6888.2	5971.6	5134.2	4993.9	2728.9	356.9
42.5°	15158.2	15087.4	15080.4	14118.0	11419.7	8231.1	6867.4	5913.3	5793.9	3358.0	470.8
45°	16994.1	16923.3	17071.9	17239.9	15516.5	11108.6	8426.9	6925.7	6752.1	4121.8	652.7
47.5°	17241.3	17244.1	17641.3	18167.6	18560.6	15559.5	10504.5	8267.2	8056.1	5214.7	958.2
50°	16419.2	16451.1	17083.0	18024.6	19082.8	19293.9	14168.0	10214.2	9901.8	6510.4	1391.5
52.5°	14854.0	14890.1	15770.6	17319.1	18602.3	20191.0	18481.4	12761.2	12401.5	8126.9	2002.6
55°	13444.5	13466.7	14476.3	16433.0	18023.2	19703.5	21042.3	16162.2	15690.1	10115.6	2605.3
57.5°	12048.8	11997.4	12654.3	14894.3	17924.6	19105.0	21420.0	20038.2	19517.5	12289.0	3074.7
60°	10182.3	10096.2	10623.9	12048.8	16627.5	19498.0	20713.2	22182.5	22064.4	15315.1	3437.1
61°	9108.8	9072.7	9603.2	10825.3	15535.9	19398.0	20543.7	22272.7	22285.2	16746.9	3599.6
62.5°	6504.9	6607.7	7418.7	9007.4	13012.6	18749.5	20566.0	21993.6	22117.2	18649.5	4020.4
65°	2891.4	3056.6	3687.1	4980.0	7567.3	15597.0	20368.8	21381.2	21320.0	19171.7	5470.3
67.5°	1715.1	1740.1	2054.0	2821.9	4007.9	8389.4	17974.6	20571.5	20489.6	16690.0	6806.3
70°	1351.3	1363.7	1463.7	1770.7	2326.2	3213.6	10258.7	17798.2	18155.1	13533.3	6663.2
72.5°	1281.8	1279.0	1292.9	1347.1	1465.1	1594.3	3971.8	11830.7	12557.1	9746.2	5586.9
75°	1265.1	1259.6	1245.7	1224.9	1061.0	938.8	1230.4	5232.8	5653.6	6659.0	4206.5
77.5°	1227.7	1229.0	1231.8	1174.9	909.6	663.8	595.8	1679.0	2065.1	4226.0	2990.0
80°	830.5	843.0	863.8	841.6	818.0	480.5	420.8	597.2	605.5	2372.0	1974.8
82.5°	420.8	420.8	411.1	366.6	316.6	312.5	334.7	433.3	438.8	1199.9	929.1
85°	254.1	268.0	273.6	248.6	227.8	209.7	255.5	344.4	356.9	465.2	216.6
87.5°	56.9	58.3	63.9	84.7	123.6	168.0	237.5	315.2	320.8	298.6	26.4
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-SA5B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6	123.6
2.5°	125.0	122.2	120.8	116.7	112.5	108.3	105.5	104.2	105.5	106.9	106.9
5°	123.6	119.4	112.5	105.5	100.0	94.4	88.9	87.5	87.5	88.9	88.9
7.5°	123.6	116.7	106.9	98.6	90.3	81.9	77.8	75.0	76.4	76.4	76.4
10°	123.6	115.3	102.8	90.3	80.5	70.8	63.9	61.1	61.1	61.1	61.1
12.5°	122.2	113.9	98.6	83.3	69.4	58.3	50.0	45.8	47.2	47.2	47.2
15°	119.4	109.7	93.0	70.8	55.5	44.4	36.1	31.9	33.3	36.1	37.5
17.5°	115.3	105.5	83.3	59.7	44.4	33.3	25.0	22.2	23.6	27.8	27.8
20°	113.9	101.4	73.6	48.6	33.3	23.6	16.7	13.9	15.3	20.8	22.2
22.5°	113.9	98.6	66.7	40.3	25.0	15.3	9.7	5.6	5.6	9.7	9.7
25°	115.3	97.2	61.1	33.3	18.1	11.1	5.6	2.8	5.6	15.3	18.1
27.5°	118.0	95.8	58.3	27.8	13.9	9.7	4.2	9.7	16.7	16.7	16.7
30°	120.8	93.0	54.2	23.6	12.5	6.9	6.9	13.9	13.9	16.7	18.1
32.5°	125.0	91.7	51.4	20.8	9.7	5.6	9.7	8.3	8.3	9.7	11.1
35°	133.3	93.0	48.6	20.8	9.7	6.9	8.3	4.2	2.8	2.8	2.8
37.5°	144.4	94.4	44.4	18.1	8.3	8.3	4.2	0.0	0.0	0.0	0.0
40°	162.5	98.6	41.7	16.7	6.9	6.9	1.4	0.0	0.0	0.0	0.0
42.5°	193.0	106.9	40.3	15.3	6.9	5.6	0.0	0.0	0.0	0.0	0.0
45°	254.1	126.4	37.5	13.9	6.9	2.8	0.0	0.0	0.0	0.0	0.0
47.5°	365.2	172.2	36.1	11.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	533.3	233.3	34.7	9.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	680.5	245.8	23.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	697.2	169.4	18.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	555.5	109.7	15.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	420.8	83.3	13.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	*404.1*	*75.0*	*13.9*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	445.8	65.3	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	724.9	54.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1259.6	47.2	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1591.5	44.4	8.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1387.4	40.3	8.3	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	834.6	34.7	8.3	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	437.5	26.4	8.3	6.9	4.2	1.4	0.0	0.0	0.0	0.0	0.0
80°	212.5	23.6	9.7	6.9	5.6	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	83.3	19.4	11.1	9.7	6.9	4.2	1.4	0.0	0.0	0.0	0.0
85°	37.5	16.7	12.5	11.1	9.7	5.6	1.4	0.0	0.0	0.0	0.0
87.5°	19.4	15.3	13.9	12.5	9.7	6.9	2.8	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

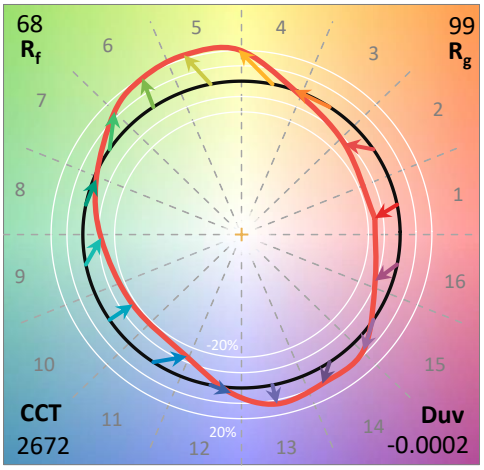
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

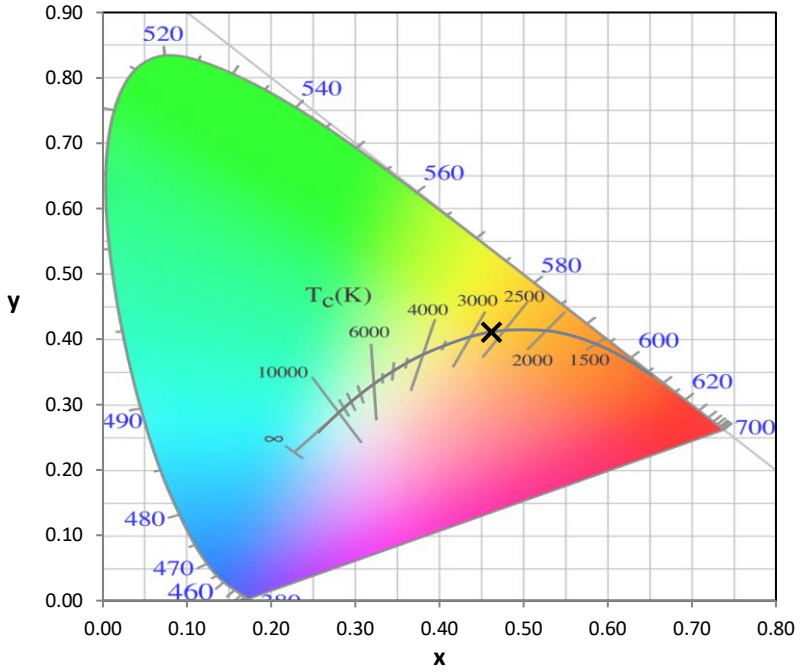
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

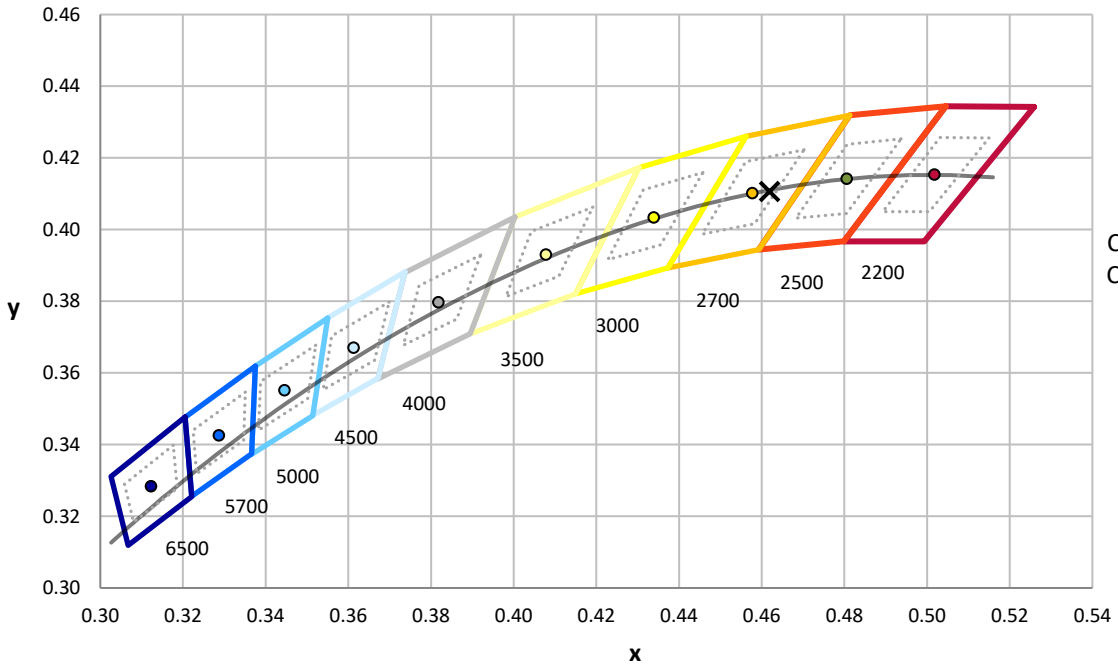
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

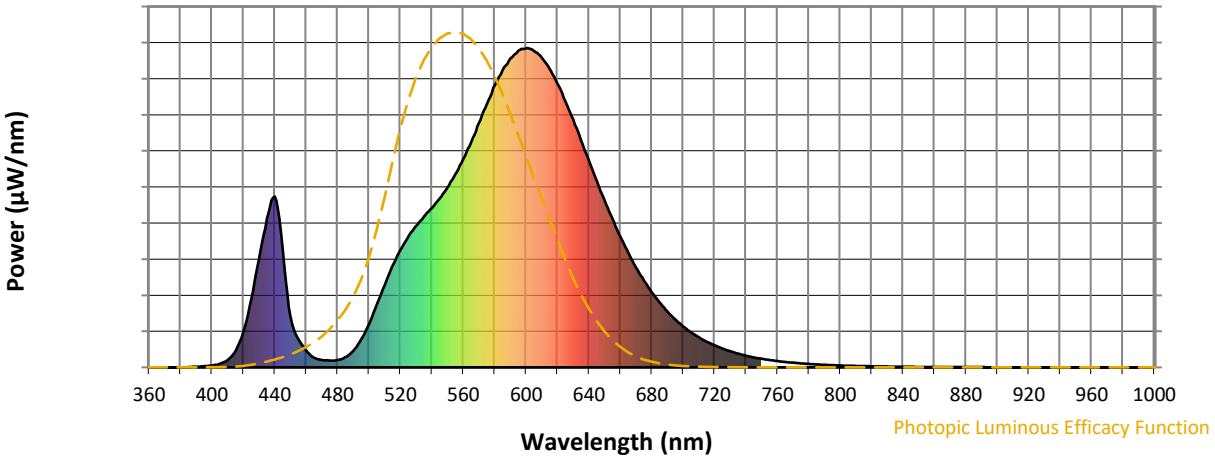


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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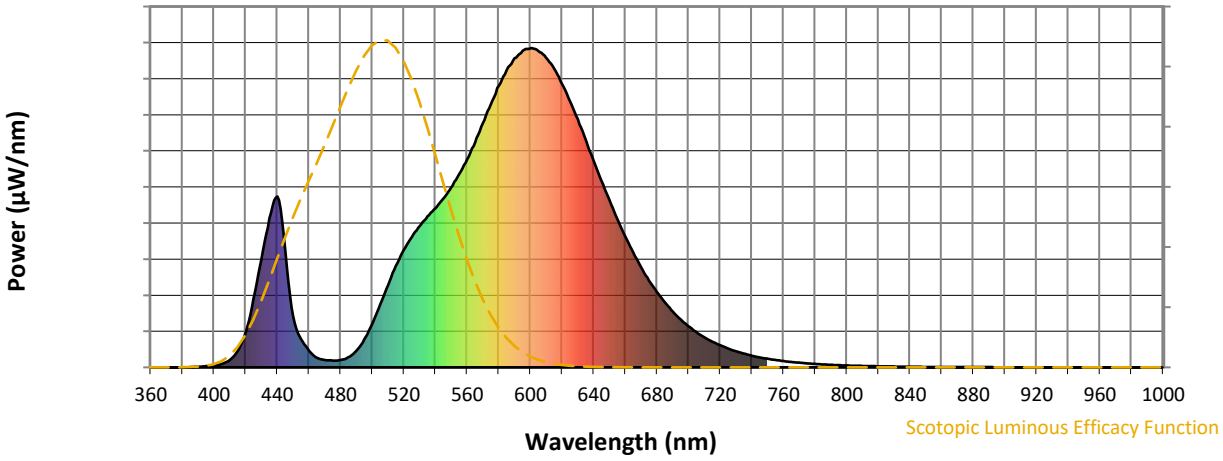
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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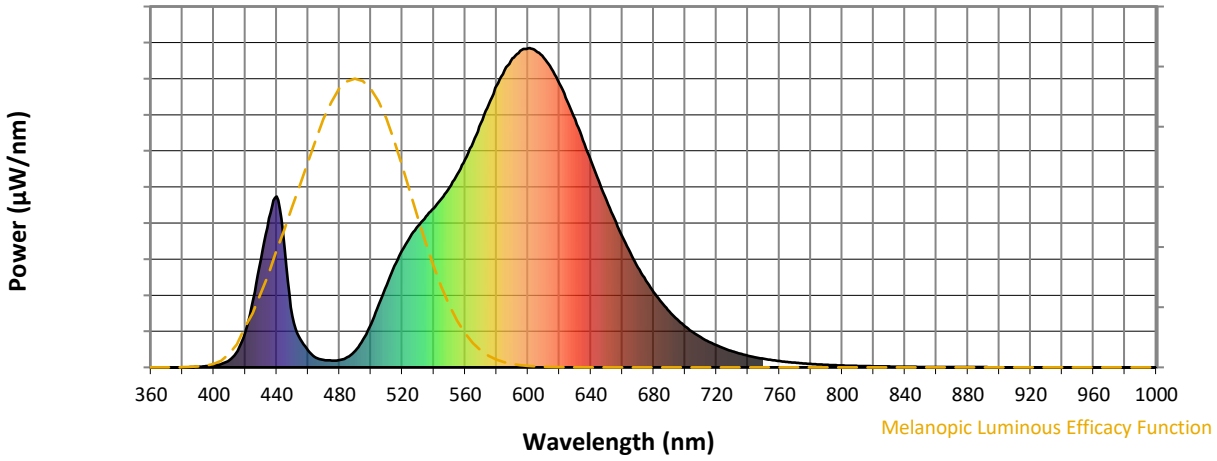
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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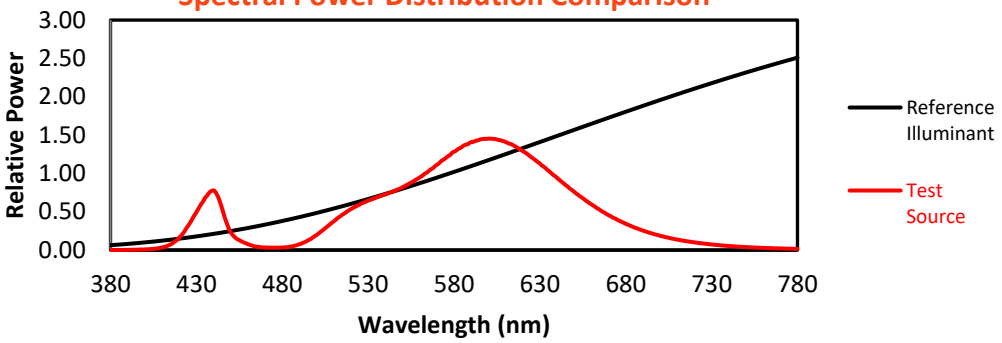
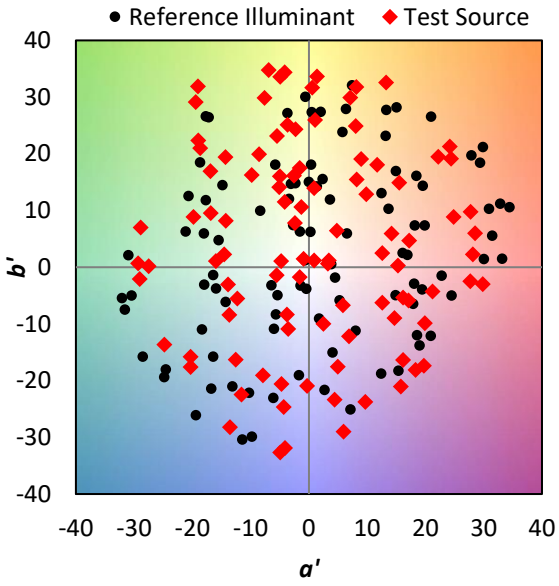
Summary

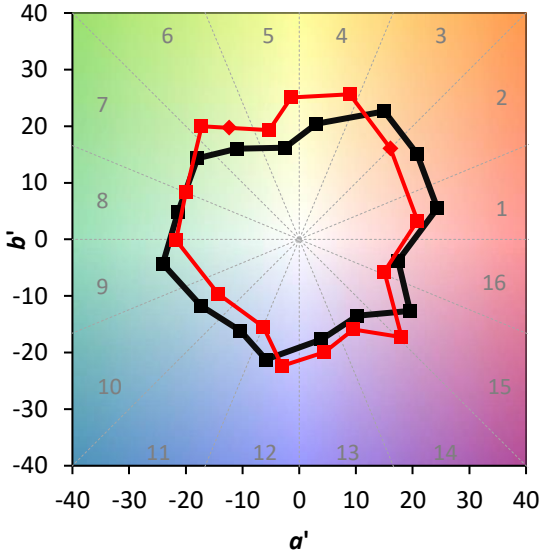
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

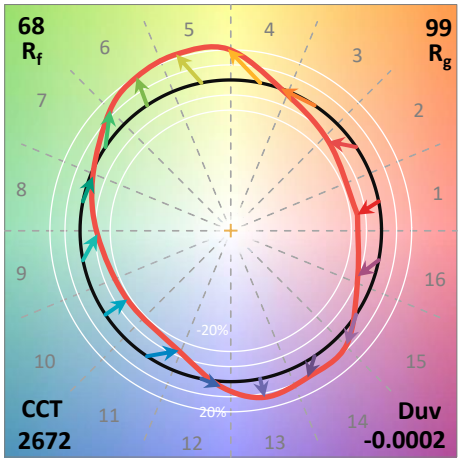
Spectral Power Distribution Comparison

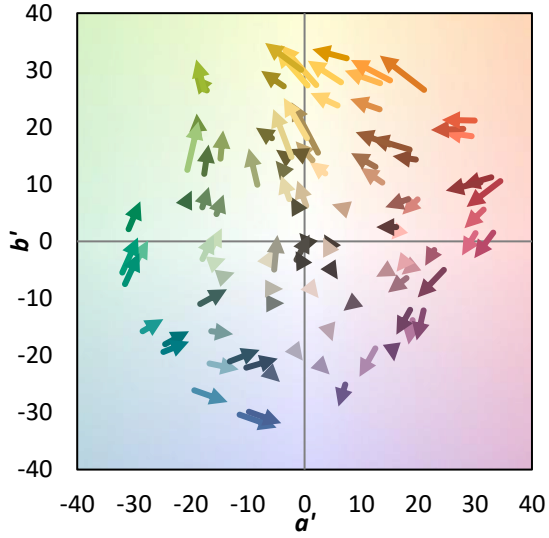


Color Vector Graphics









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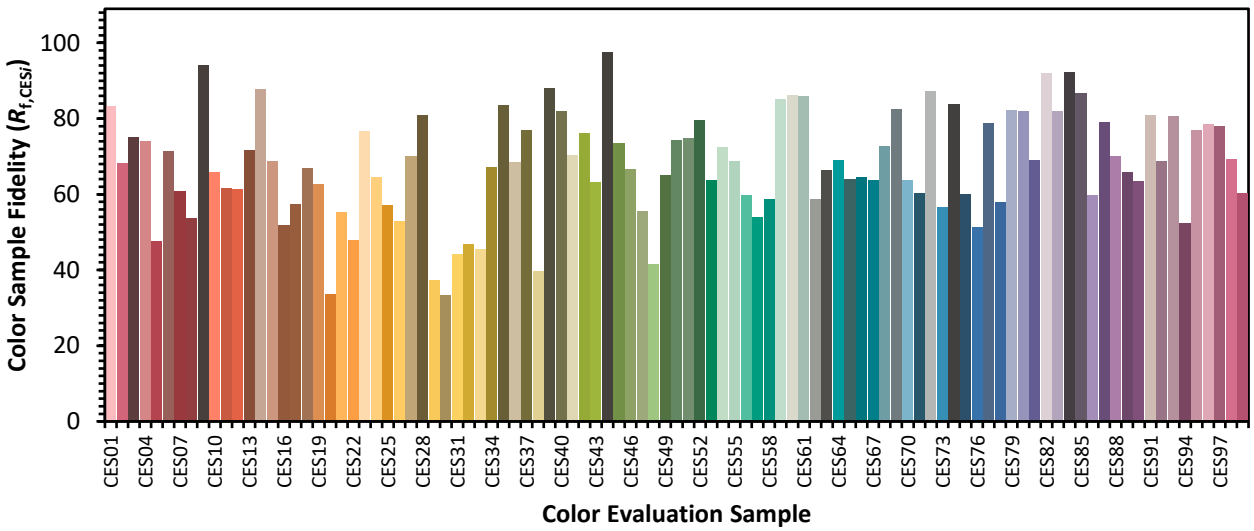
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



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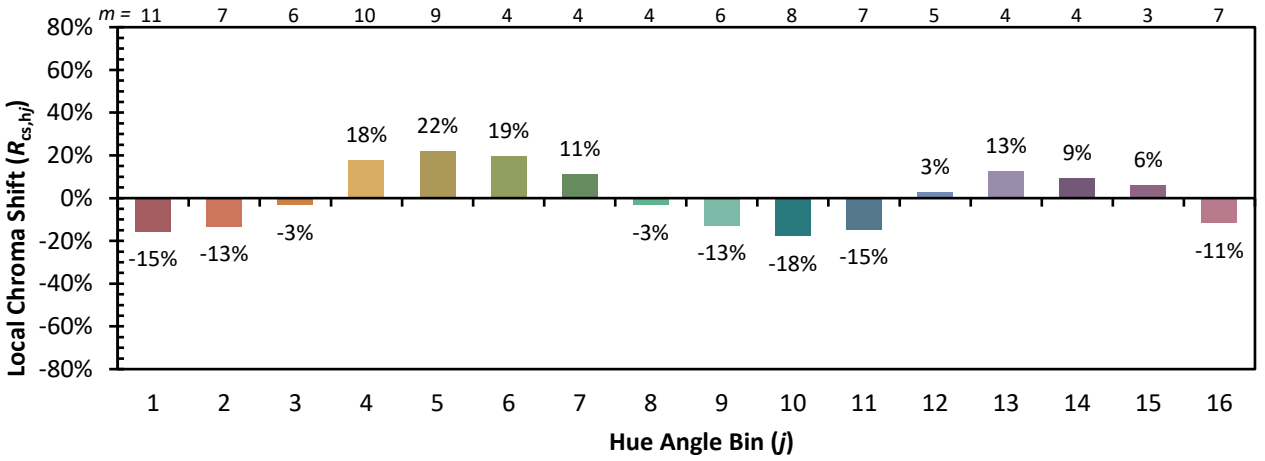
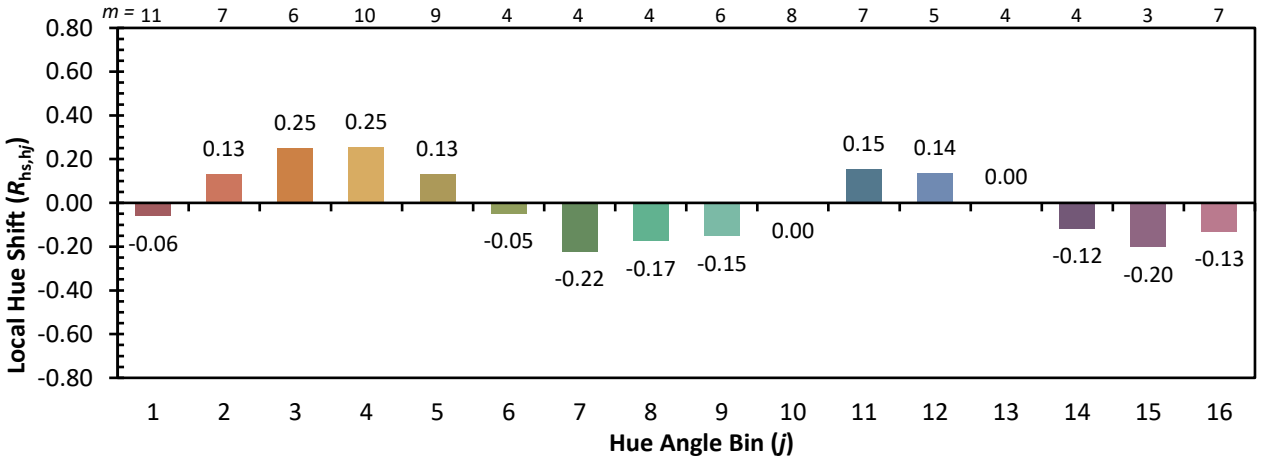
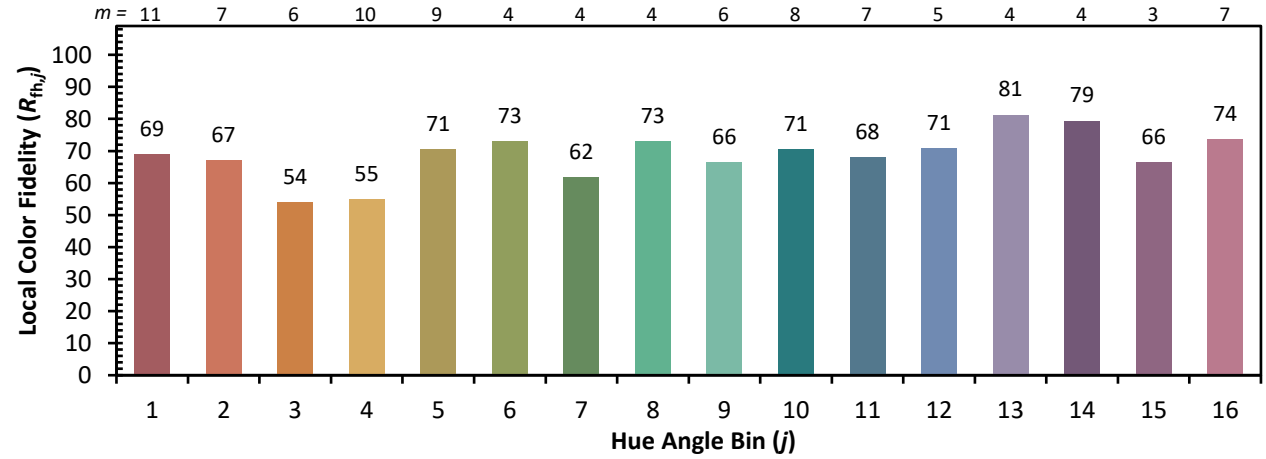
Color Rendition by Hue-Angle Bin







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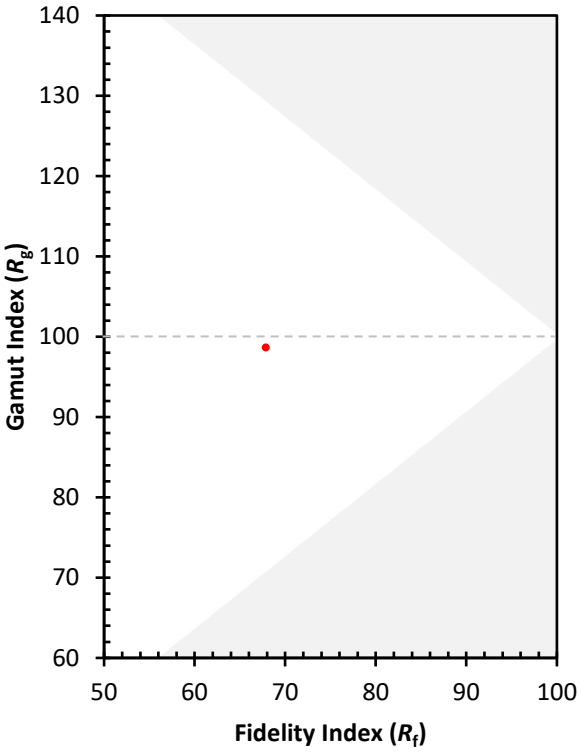
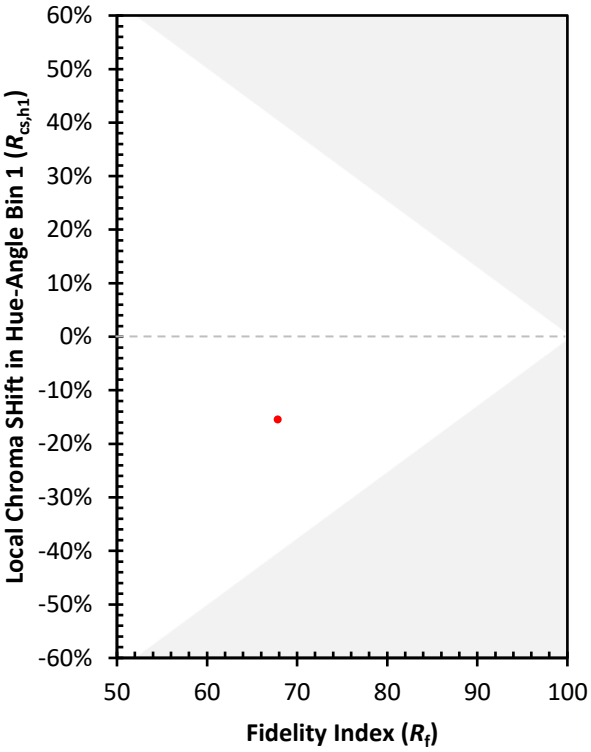
Measure Comparisons





(END OF REPORT)