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: P1047102

Luminaire Tested: **GALN-SA5B-727-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:	P1047102
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-T3BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(70) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	21214.9 lumens
Efficiency:	N/A
Efficacy:	118.7 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

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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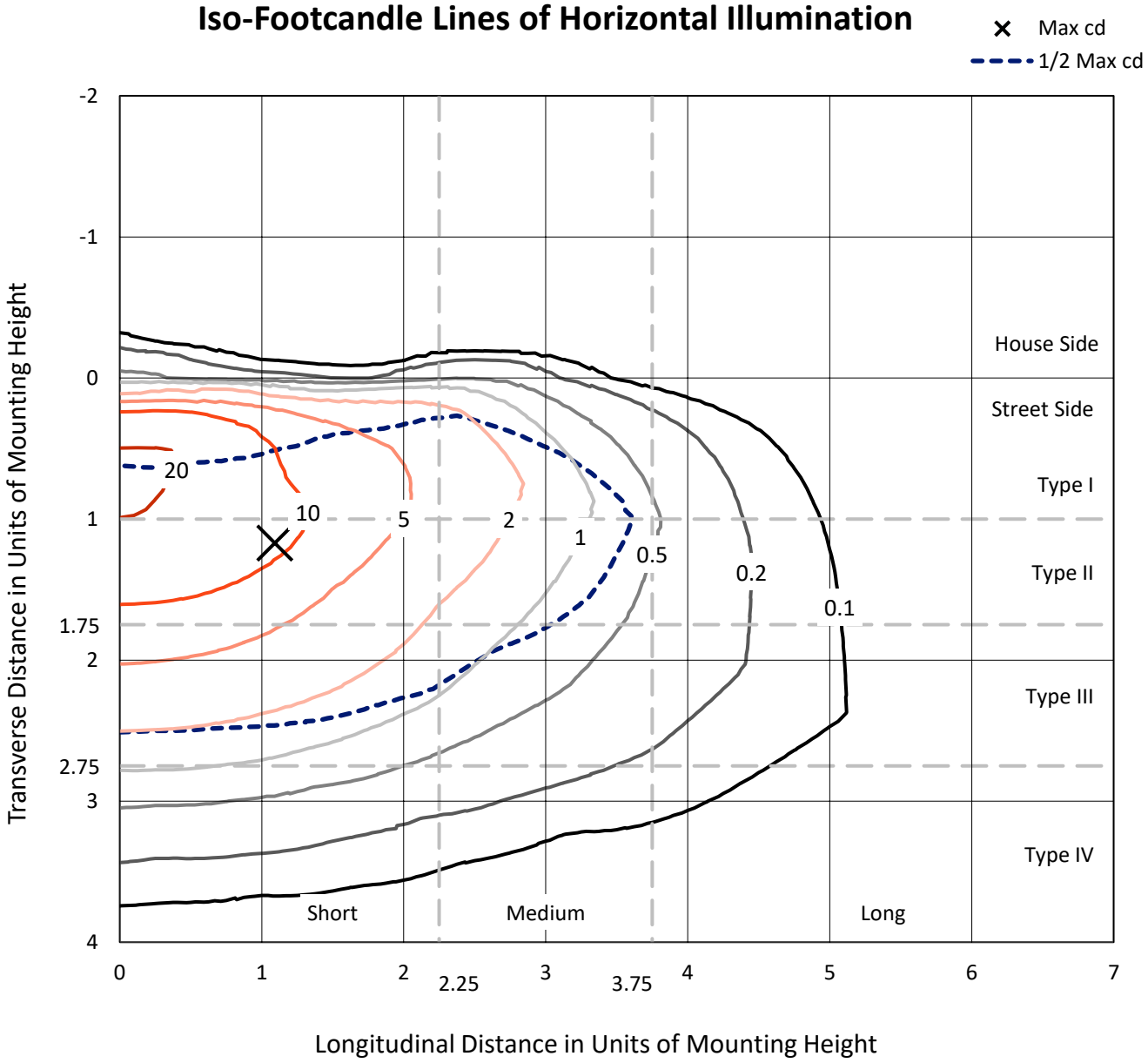
REPORT NUMBER: P1047102
CATALOG NUMBER: GALN-SA5B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.8 fc
Type III - Short - N/A

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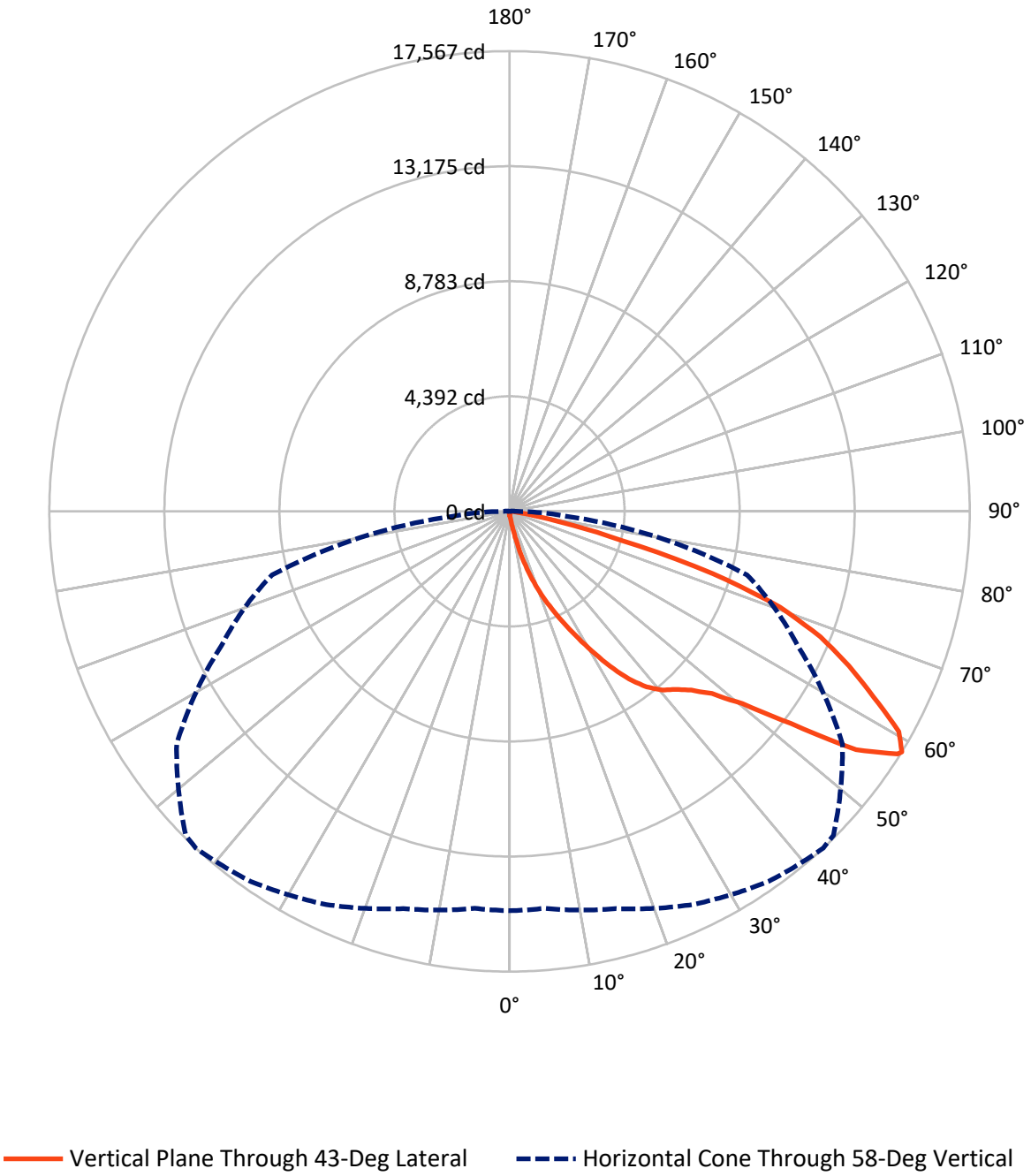
Luminous Intensity Polar Plot



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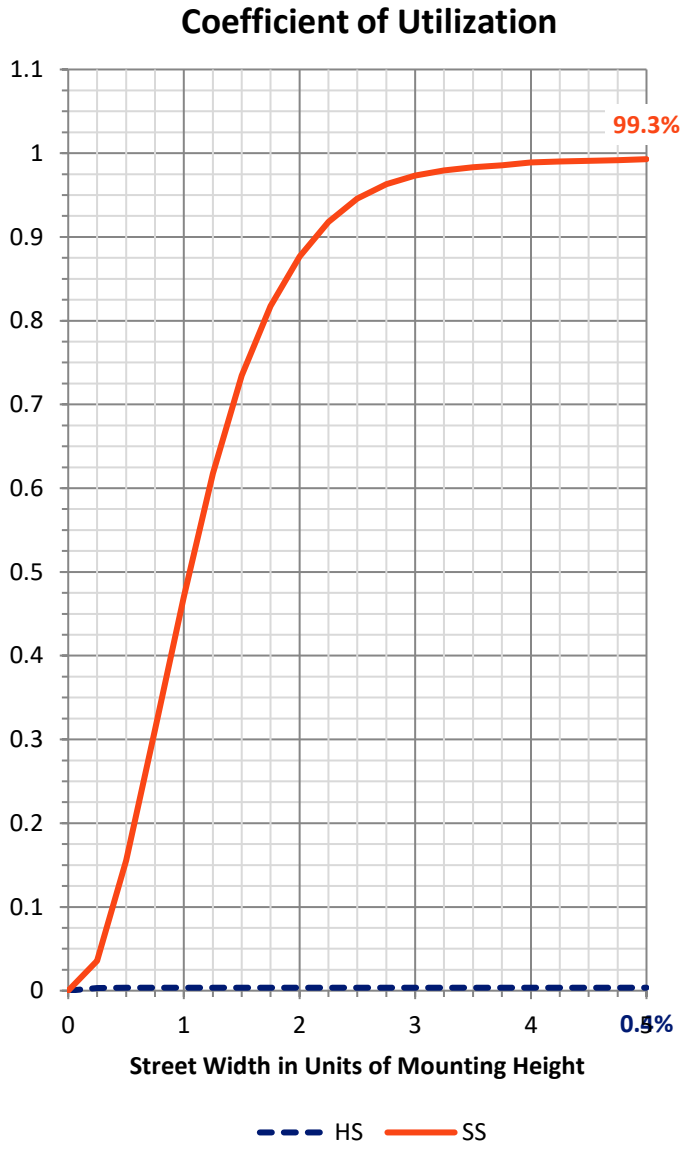
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.4	0.0	77.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21137.5	0.0	21137.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	21214.9	0.0	21214.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	0.1
10°-20°	243.9	1.1
20°-30°	879.0	4.1
30°-40°	2011.0	9.5
40°-50°	3391.9	16.0
50°-60°	5597.4	26.4
60°-70°	6255.8	29.5
70°-80°	2582.9	12.2
80°-90°	232.8	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°	21214.9	100.0
0°-180°	21214.9	100.0



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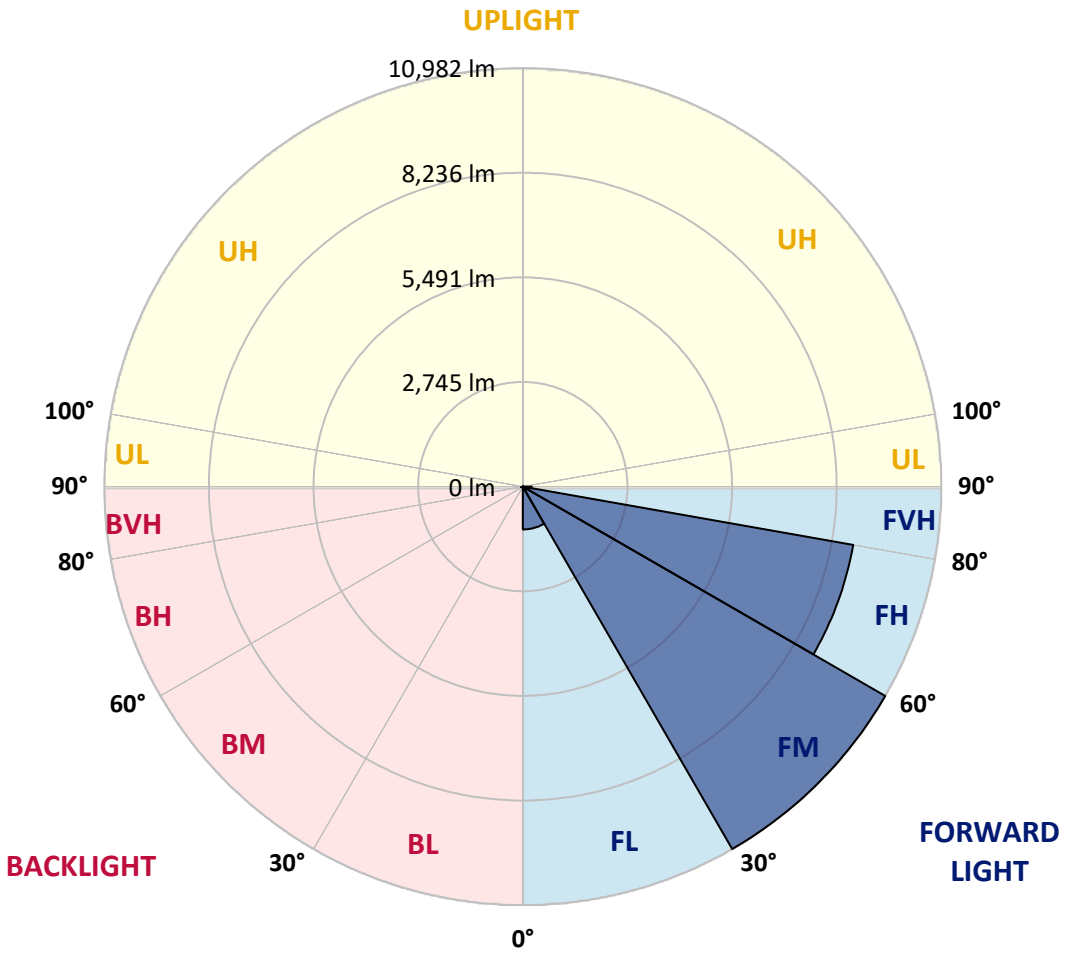
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1122.9	5.3			
FM	(30°-60°)	10981.7	51.8			
FH	(60°-80°)	8803.2	41.5			G4/12000
FVH	(80°-90°)	229.7	1.1			G3/500
BL	(0°-30°)	20.2	0.1	B0/110		
BM	(30°-60°)	18.6	0.1	B0/220		
BH	(60°-80°)	35.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.2	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-G4
Type III Short



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REPORT NUMBER: P1047102
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	138.7	138.7	138.7	138.7	138.7	*138.7*	138.7	138.7	138.7	138.7	138.7
2.5°	166.5	172.0	166.5	166.5	166.5	*160.9*	160.9	155.4	155.4	149.8	144.3
5°	244.1	244.1	227.5	216.4	205.3	*199.7*	194.2	183.1	172.0	160.9	149.8
7.5°	543.8	543.8	493.8	427.2	338.5	*288.5*	277.4	227.5	194.2	172.0	149.8
10°	1298.4	1298.4	1187.4	1004.3	776.8	*577.1*	516.0	327.4	233.0	183.1	155.4
12.5°	2158.4	2186.1	2047.4	1814.4	1475.9	*1126.4*	1004.3	599.2	310.7	199.7	155.4
15°	2929.7	2863.1	2824.2	2602.3	2280.5	*1864.3*	1709.0	1009.8	449.4	227.5	155.4
17.5°	3451.2	3451.2	3395.7	3245.9	2951.8	*2585.6*	2458.0	1631.3	726.9	260.8	160.9
20°	4061.6	4061.6	3961.7	3856.3	3595.5	*3284.8*	3162.7	2319.3	1126.4	332.9	160.9
22.5°	4799.5	4810.6	4699.7	4511.0	4261.3	*3917.3*	3811.9	2957.4	1631.3	443.9	166.5
25°	5698.4	5709.5	5548.6	5371.0	4988.2	*4616.4*	4455.5	3689.8	2247.2	621.4	166.5
27.5°	6691.6	6769.3	6530.7	6225.5	5820.5	*5354.4*	5232.3	4350.1	2857.5	876.7	177.6
30°	7928.9	7928.9	7612.7	7185.4	6747.1	*6170.0*	6014.7	5043.7	3506.7	1215.1	188.7
32.5°	8994.3	8911.0	8506.0	8056.6	7590.5	*7052.3*	6885.8	5770.5	4172.5	1636.8	210.8
35°	9809.9	9737.8	9238.4	8755.7	8350.6	*7856.8*	7657.1	6558.4	4877.2	2114.0	244.1
37.5°	10509.0	10481.3	9804.4	9199.6	8933.2	*8500.4*	8322.9	7301.9	5570.8	2630.0	283.0
40°	11274.7	11186.0	10464.6	9715.6	9316.1	*8966.5*	8805.6	7901.2	6236.6	3234.8	338.5
42.5°	11929.5	11824.0	11174.9	10442.4	9760.0	*9288.3*	9133.0	8406.1	6885.8	3839.6	410.6
45°	12656.3	12600.8	11946.1	11391.3	10481.3	*9726.7*	9521.4	8811.2	7479.5	4560.9	504.9
47.5°	13749.4	13649.5	13039.2	12584.2	11530.0	*10392.5*	10098.4	9227.3	8051.0	5271.2	649.2
50°	15020.0	14953.4	14592.8	14232.1	13183.4	*11530.0*	11180.4	9826.5	8689.1	6114.5	837.8
52.5°	16057.6	16046.5	16090.9	16096.5	15303.0	*13444.2*	12922.7	10792.0	9421.5	6946.8	1104.2
55°	16035.4	16085.4	16573.6	17134.0	17195.1	*16057.6*	15552.7	12417.7	10375.9	7973.3	1475.9
57.5°	15436.2	15397.3	15913.4	16756.7	17350.4	*17472.5*	17389.3	14942.3	11812.9	9210.7	2047.4
58°	*15242.0*	*15208.7*	*15697.0*	*16557.0*	*17239.5*	*17566.8*	*17483.6*	*15513.9*	*12134.8*	*9388.2*	*2202.8*
60°	14537.3	14542.8	14831.4	15613.7	16296.2	*17073.0*	17150.7	17145.1	13738.3	10575.6	2985.1
62.5°	13605.1	13560.7	13827.1	14465.2	15064.4	*15586.0*	15719.2	17256.1	16085.4	12084.8	4477.7
65°	12317.9	12251.3	12534.3	13255.6	13899.2	*14237.7*	14243.2	15769.1	17189.5	13705.0	6608.4
67.5°	9926.4	9870.9	10436.9	11363.5	12356.7	*12800.6*	13000.3	13682.8	16257.4	14803.6	7829.1
70°	6081.3	6197.8	6985.7	8439.4	10137.3	*10952.9*	11252.5	11463.4	13843.7	14637.2	6547.3
72.5°	2807.6	2668.9	3340.3	4355.6	6292.1	*8106.5*	8417.2	9243.9	10975.1	12706.3	4882.8
75°	1309.5	1259.5	1414.9	1903.2	2852.0	*4377.8*	4943.8	7379.6	8417.2	8838.9	3523.4
77.5°	671.4	676.9	804.5	865.6	1176.3	*2025.2*	2324.9	4855.0	6170.0	4932.7	2363.7
80°	294.1	305.2	310.7	338.5	477.2	*782.4*	882.2	2252.7	4216.9	2513.5	1292.8
82.5°	188.7	194.2	194.2	194.2	227.5	*310.7*	355.1	904.4	2102.9	1248.4	399.5
85°	99.9	99.9	111.0	138.7	160.9	*188.7*	199.7	288.5	693.6	371.8	94.3
87.5°	55.5	61.0	66.6	83.2	105.4	*127.6*	138.7	199.7	266.3	255.2	22.2
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-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7	138.7
2.5°	144.3	138.7	133.2	127.6	122.1	116.5	116.5	116.5	116.5	116.5	116.5
5°	138.7	133.2	127.6	116.5	105.4	99.9	94.3	88.8	88.8	88.8	88.8
7.5°	138.7	133.2	116.5	105.4	94.3	83.2	72.1	72.1	72.1	72.1	72.1
10°	138.7	127.6	111.0	94.3	77.7	66.6	61.0	55.5	55.5	55.5	55.5
12.5°	138.7	122.1	105.4	83.2	66.6	55.5	49.9	44.4	44.4	44.4	44.4
15°	138.7	122.1	99.9	77.7	61.0	44.4	38.8	33.3	33.3	33.3	33.3
17.5°	133.2	116.5	94.3	66.6	49.9	33.3	27.7	22.2	22.2	27.7	27.7
20°	127.6	111.0	83.2	55.5	38.8	27.7	16.6	16.6	16.6	16.6	16.6
22.5°	127.6	111.0	77.7	49.9	33.3	16.6	11.1	11.1	11.1	11.1	16.6
25°	127.6	105.4	66.6	38.8	22.2	11.1	5.5	5.5	5.5	5.5	5.5
27.5°	127.6	105.4	61.0	33.3	16.6	11.1	5.5	0.0	0.0	0.0	0.0
30°	122.1	99.9	55.5	27.7	11.1	5.5	0.0	0.0	0.0	0.0	0.0
32.5°	122.1	94.3	44.4	22.2	11.1	5.5	0.0	0.0	0.0	0.0	0.0
35°	127.6	88.8	38.8	16.6	5.5	0.0	0.0	0.0	0.0	0.0	5.5
37.5°	133.2	83.2	33.3	11.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	138.7	77.7	33.3	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	149.8	77.7	27.7	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.9	77.7	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	183.1	83.2	22.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	199.7	88.8	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	221.9	83.2	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	249.7	83.2	16.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	271.9	77.7	16.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	*283.0*	*72.1*	*11.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	338.5	66.6	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	527.1	55.5	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1070.9	49.9	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1997.5	44.4	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2236.1	49.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1409.3	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	743.5	38.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	371.8	38.8	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	172.0	27.7	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	72.1	16.6	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	33.3	16.6	11.1	11.1	5.5	5.5	0.0	0.0	0.0	0.0	0.0
87.5°	16.6	16.6	16.6	11.1	11.1	5.5	5.5	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

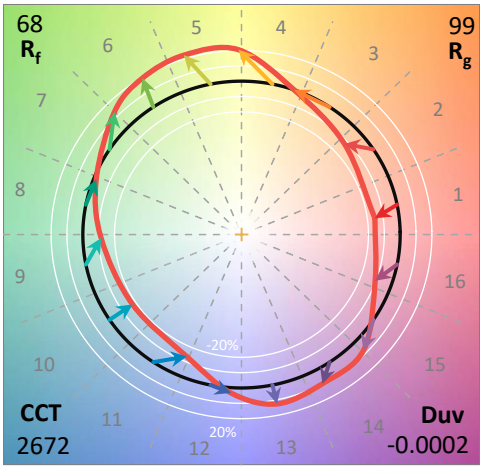
Test Information

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

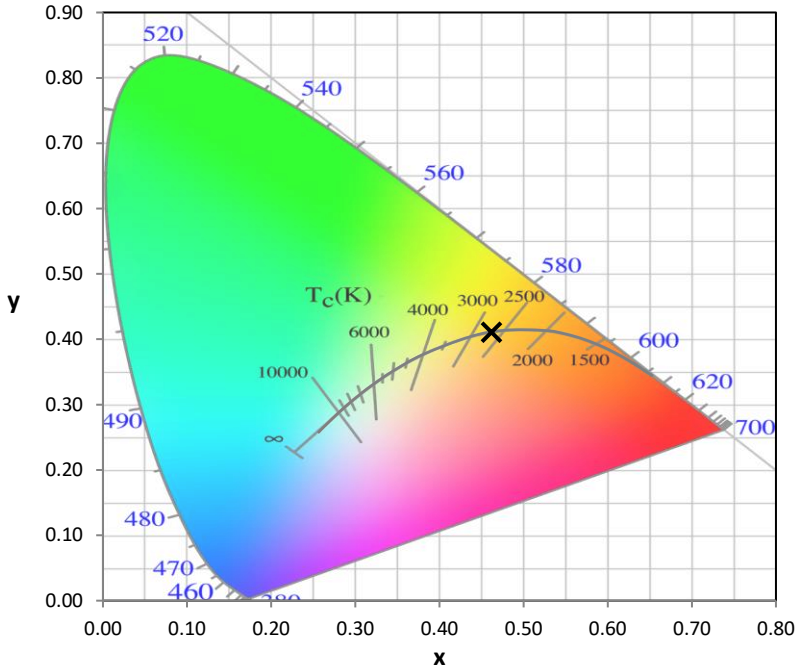
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

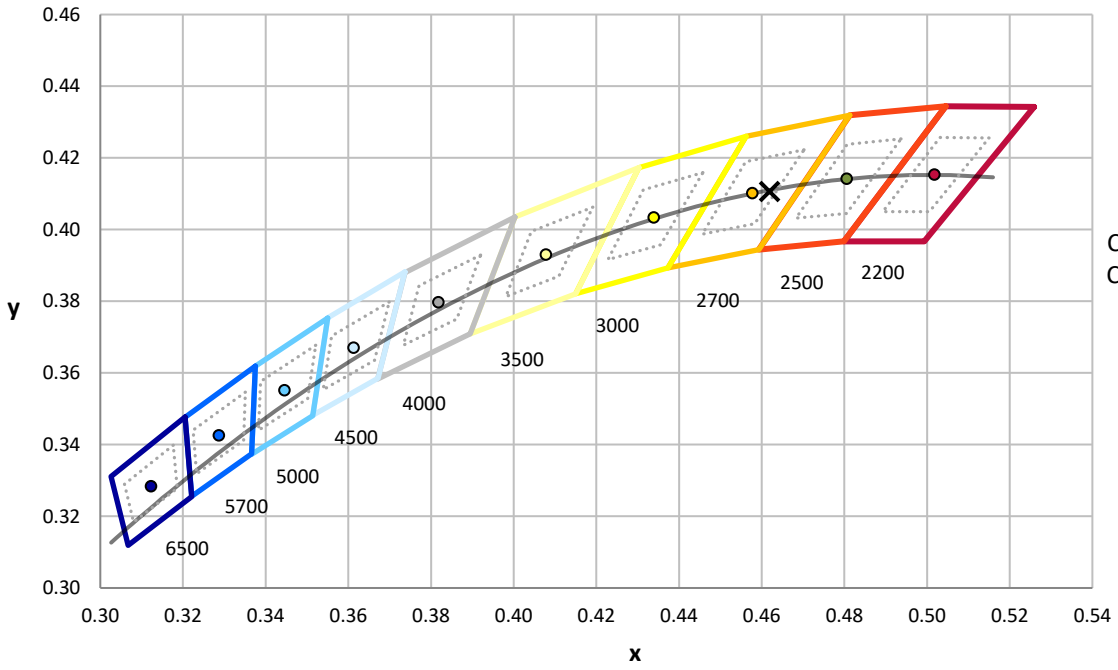
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

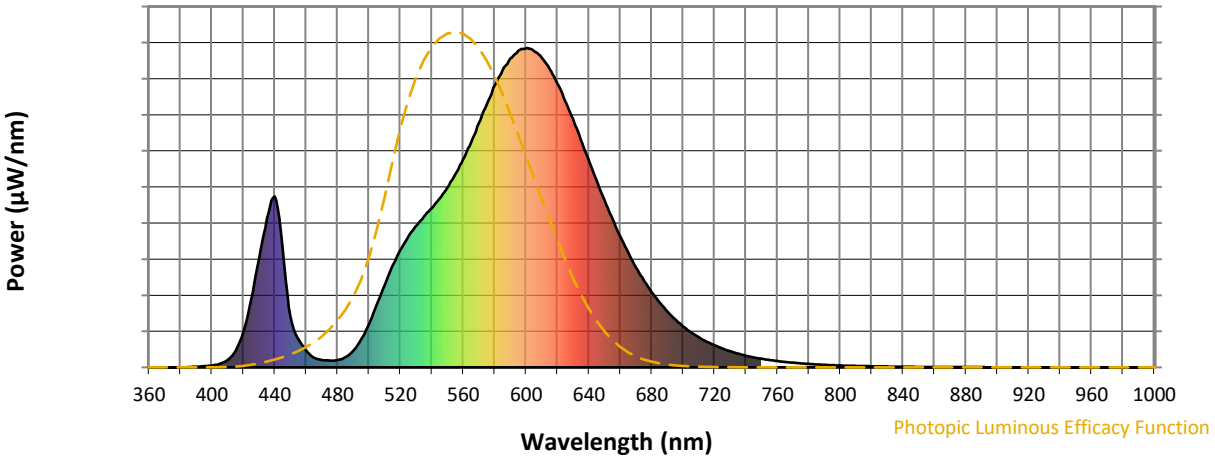


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

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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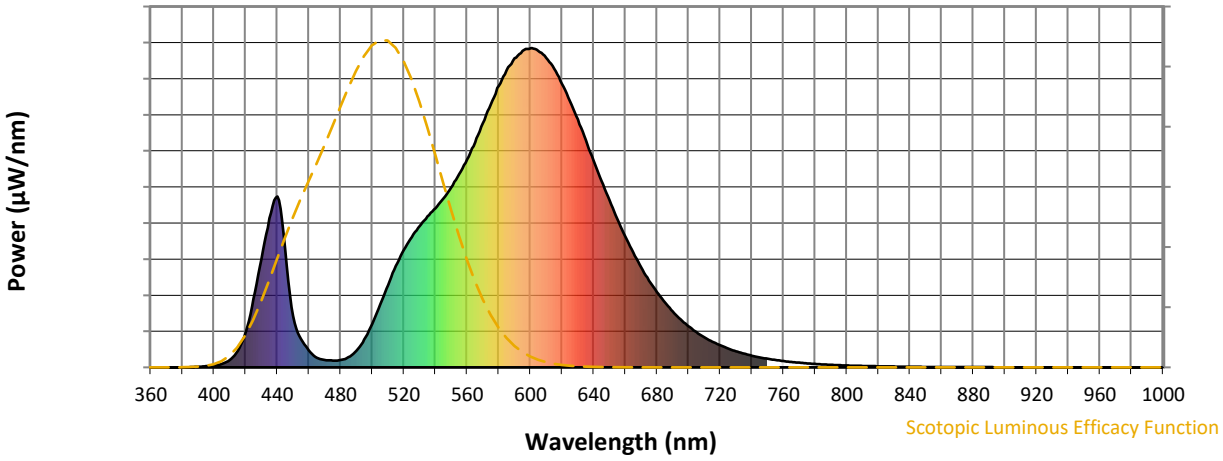
Scotopic Flux vs. Wavelength



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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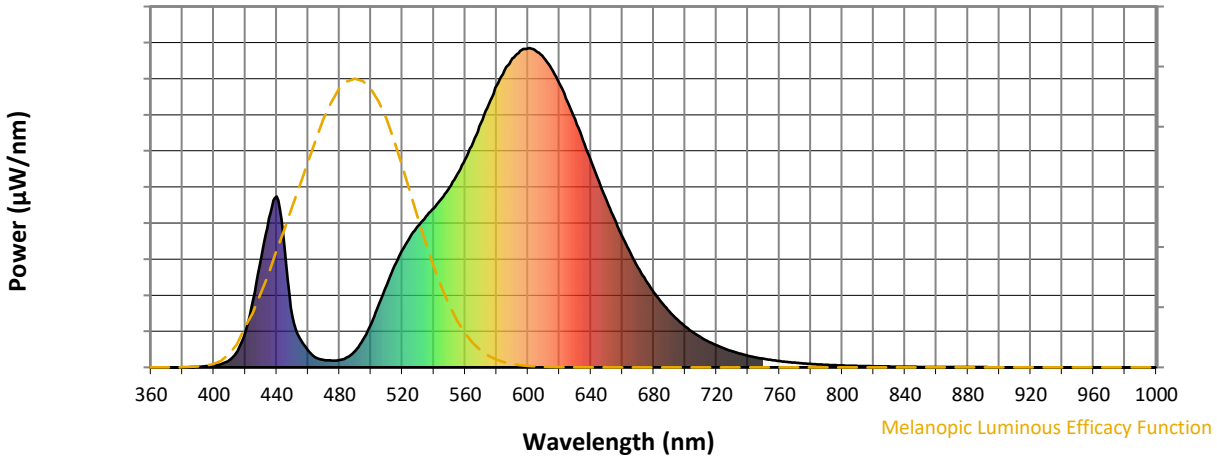
Melanopic Flux vs. Wavelength



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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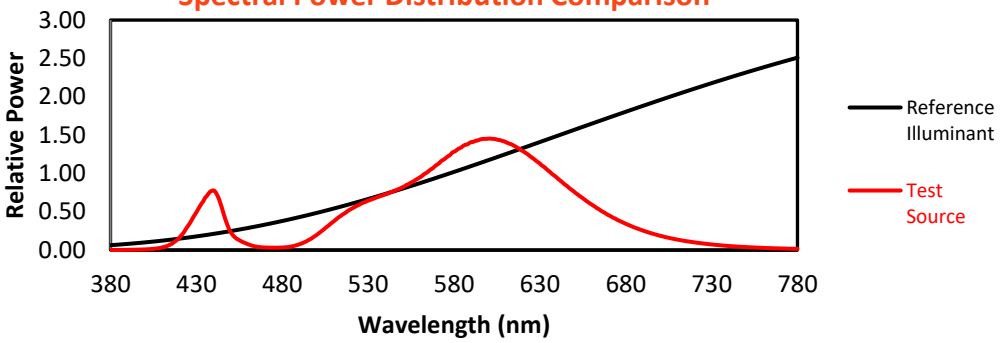
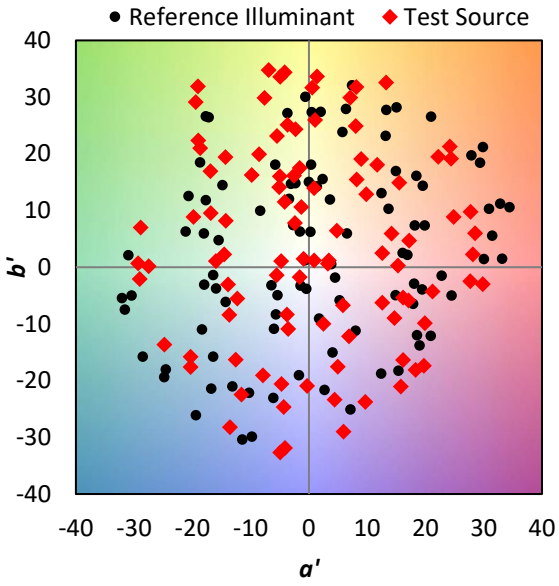
Summary

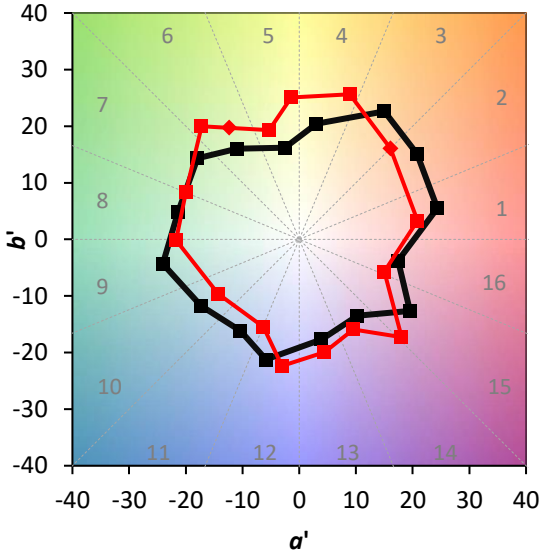
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

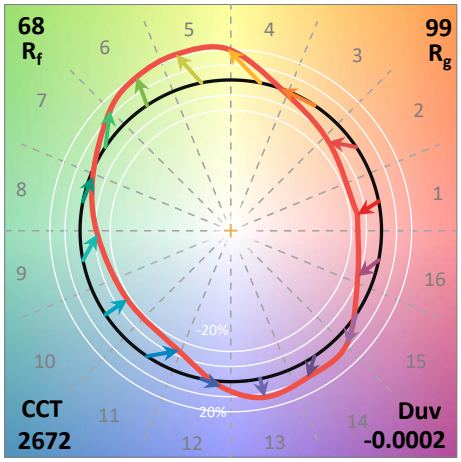
Spectral Power Distribution Comparison

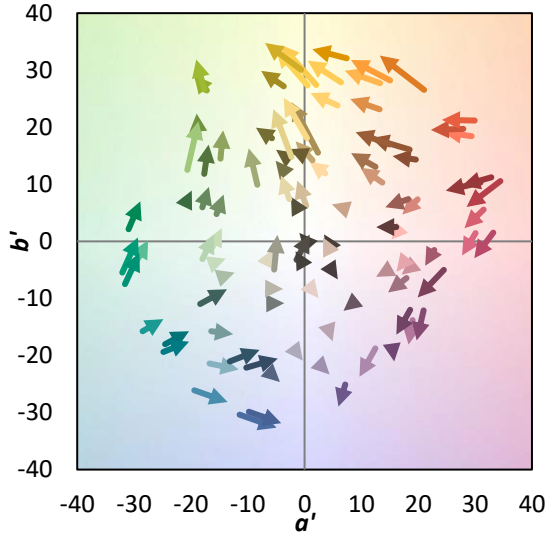


Color Vector Graphics









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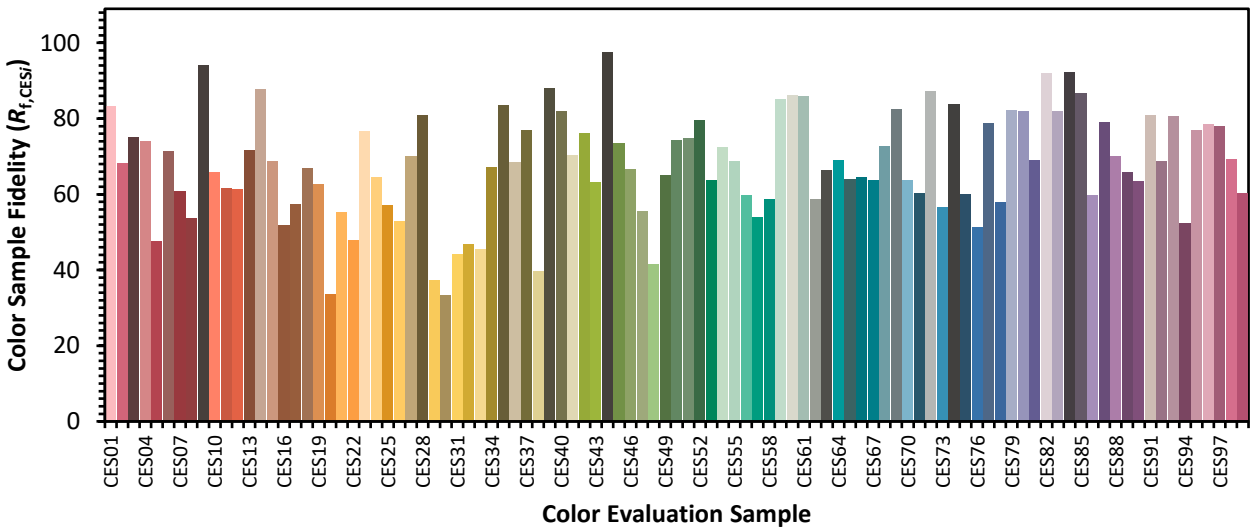
Individual Sample Fidelity Index ($R_{f,i}$)

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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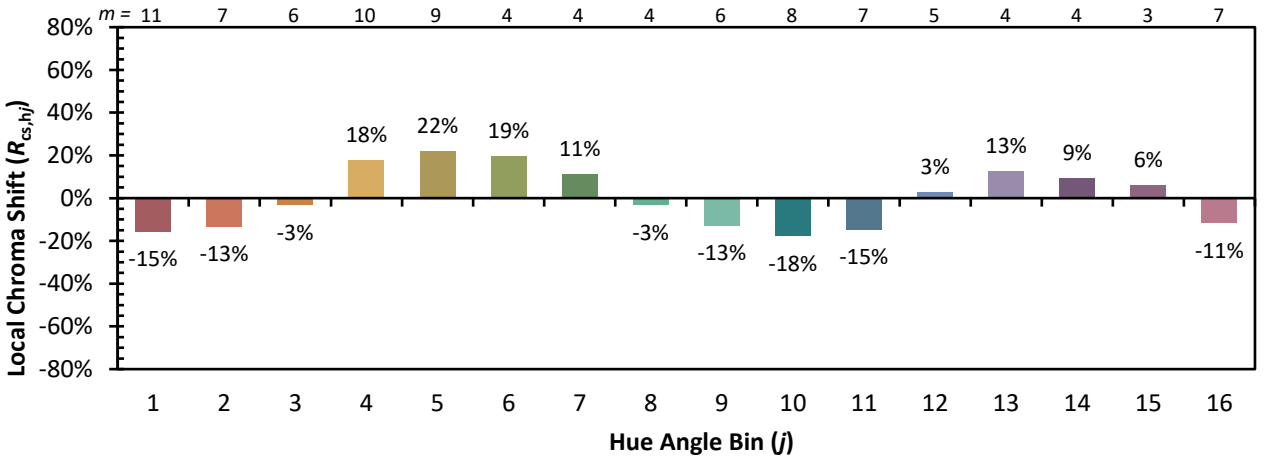
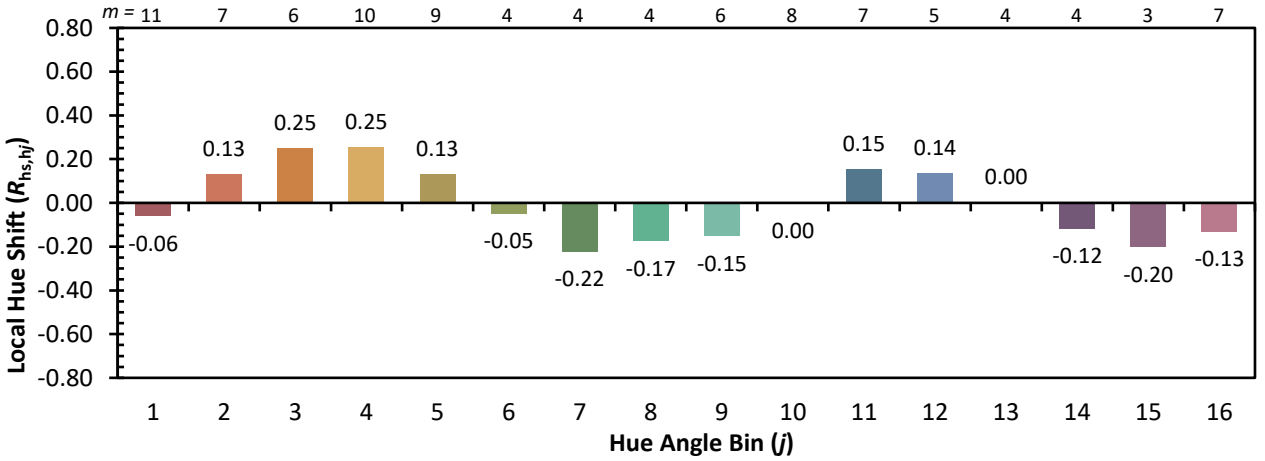
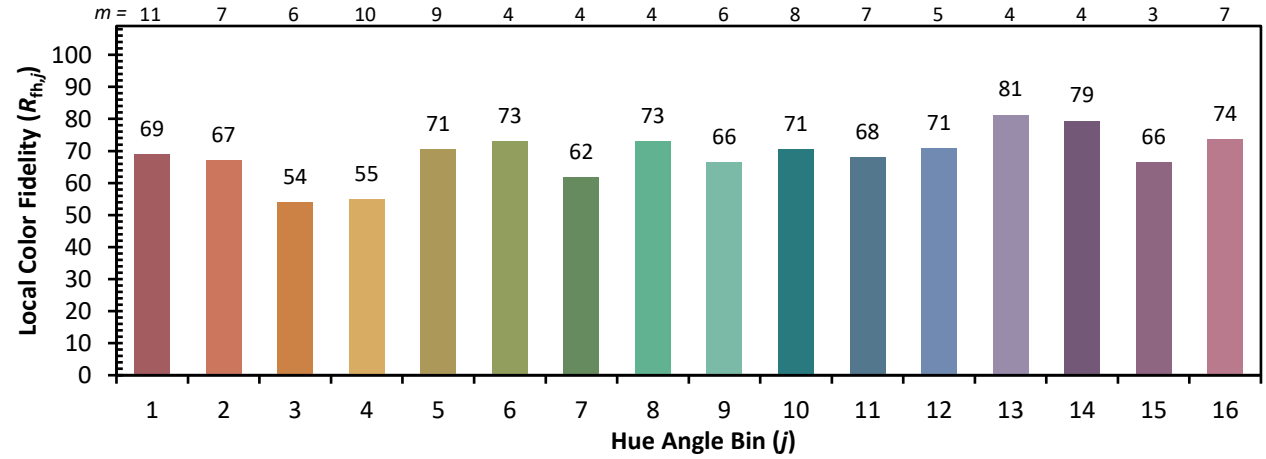
Color Rendition by Hue-Angle Bin







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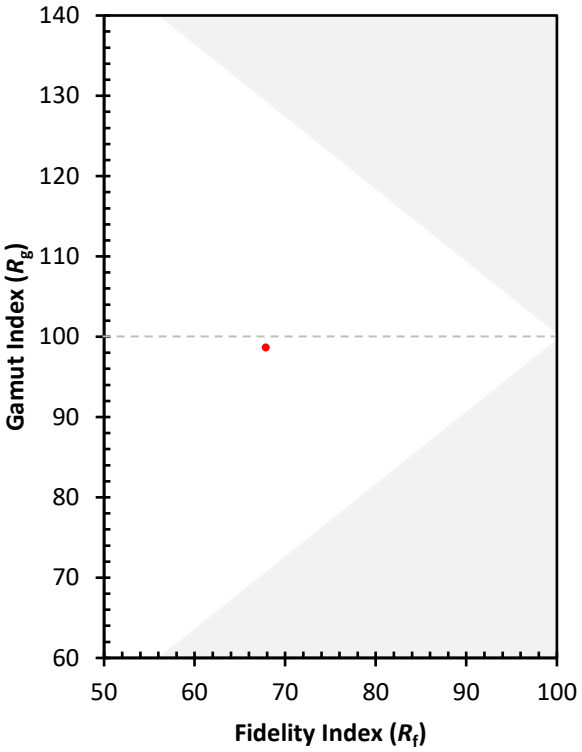
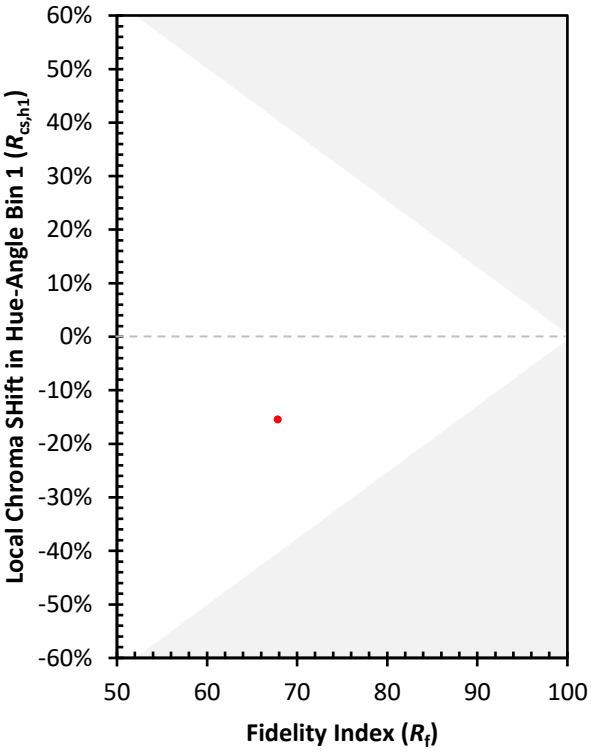
Measure Comparisons





(END OF REPORT)