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: P1048334

Luminaire Tested: **GALN-SA7B-727-U-T4BC**

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:	P1048334
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA7B-727-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(98) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28763.8 lumens
Efficiency:	N/A
Efficacy:	115.3 lumens/watt
Luminous Opening:	Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	249.5
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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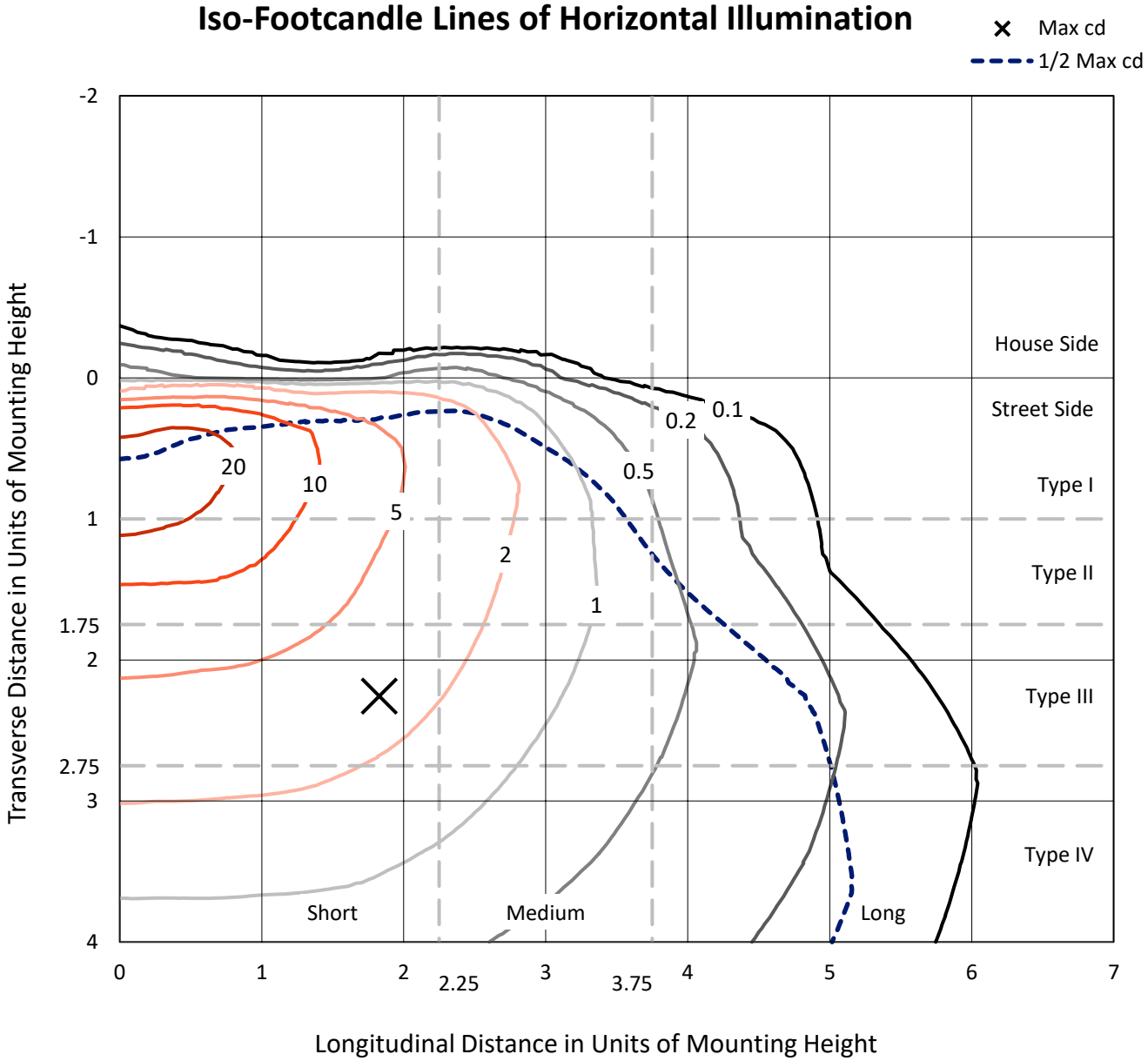
REPORT NUMBER: P1048334
CATALOG NUMBER: GALN-SA7B-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 29.6 fc
Type IV - Short - N/A

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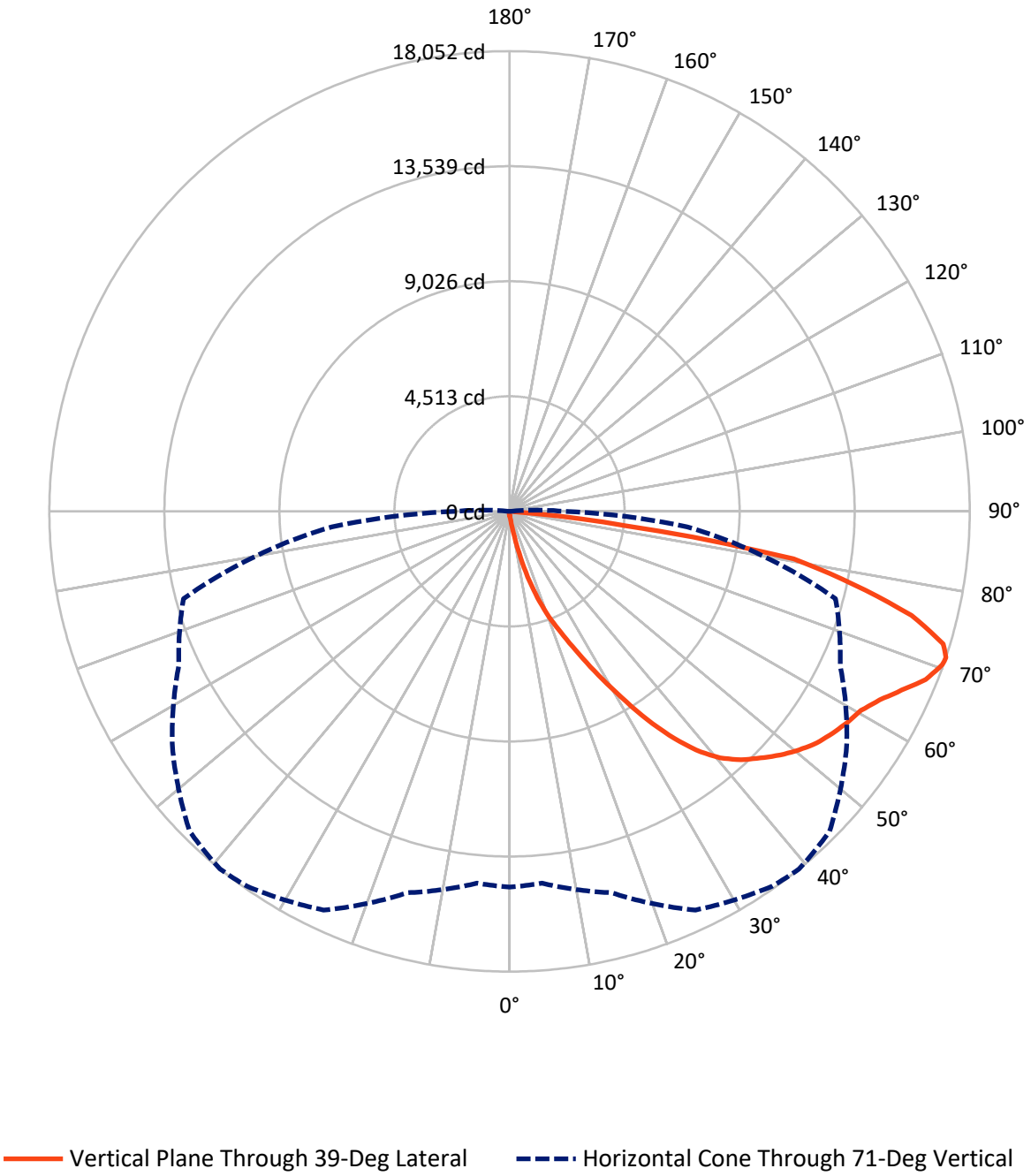
Luminous Intensity Polar Plot



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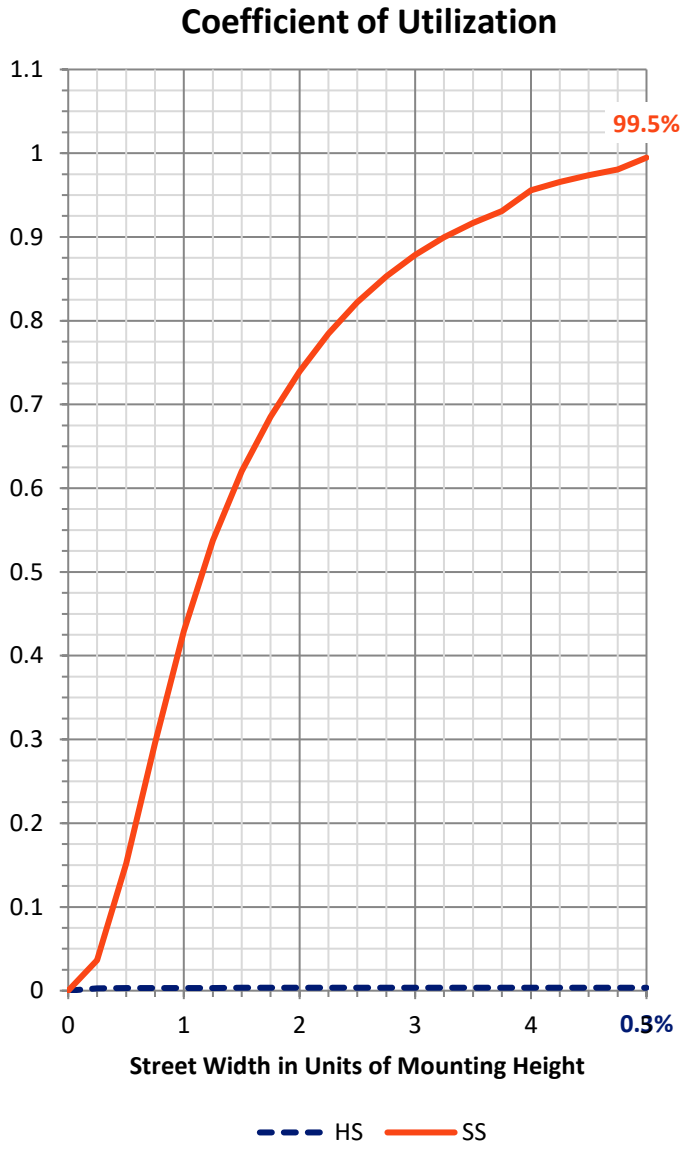
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.2	0.0	102.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	28661.6	0.0	28661.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	28763.8	0.0	28763.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.0	0.1
10°-20°	307.4	1.1
20°-30°	1094.8	3.8
30°-40°	2638.6	9.2
40°-50°	4416.0	15.4
50°-60°	5671.8	19.7
60°-70°	7177.7	25.0
70°-80°	6399.2	22.2
80°-90°	1034.4	3.6
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°	28763.8	100.0
0°-180°	28763.8	100.0



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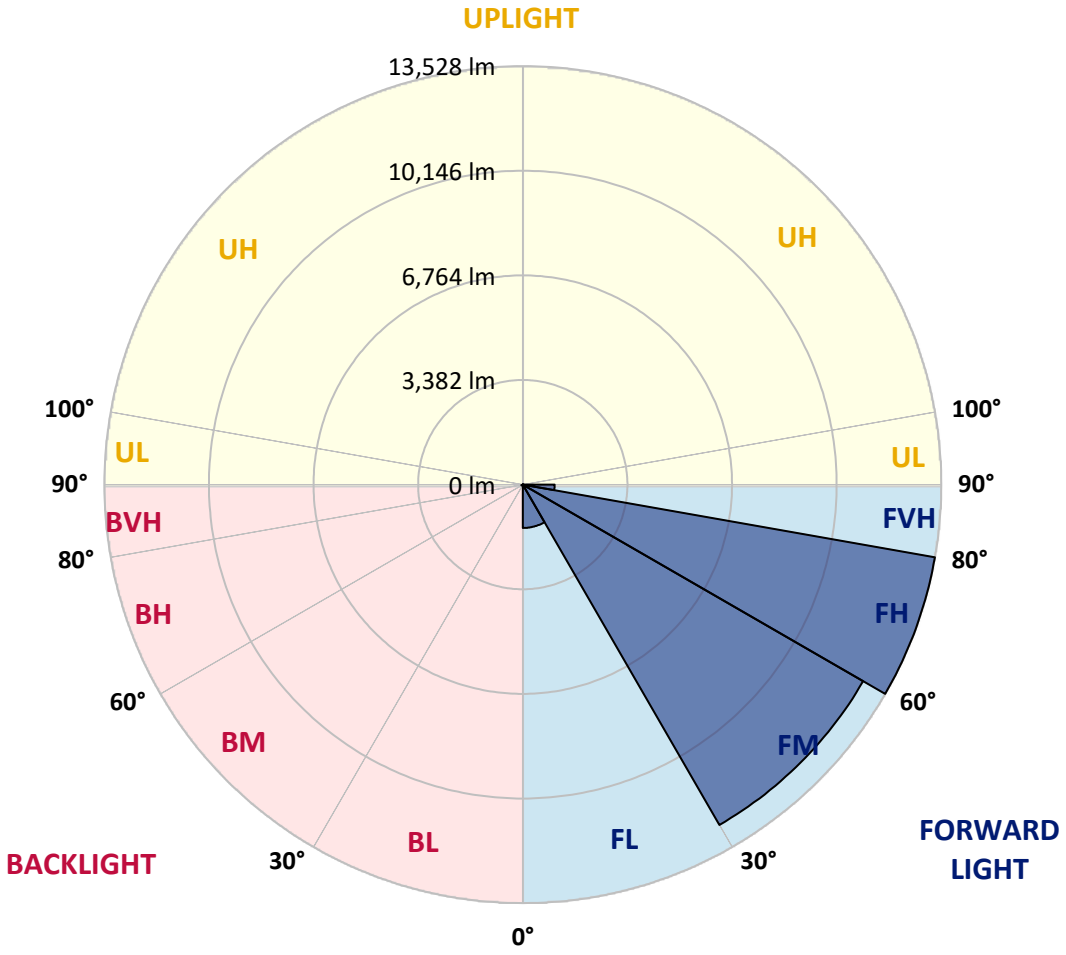
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1401.6	4.9			
FM	(30°-60°)	12702.7	44.2			
FH	(60°-80°)	13527.7	47.0			G5
FVH	(80°-90°)	1029.7	3.6			G5
BL	(0°-30°)	24.7	0.1	B0/110		
BM	(30°-60°)	23.7	0.1	B0/220		
BH	(60°-80°)	49.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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 IV Short



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REPORT NUMBER: P1048334
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	157.7	157.7	157.7	157.7	157.7	*157.7*	157.7	157.7	157.7	157.7	157.7
2.5°	181.1	181.1	181.1	175.2	175.2	*173.3*	171.4	171.4	167.5	165.5	161.6
5°	274.5	268.7	255.1	247.3	231.7	*222.0*	212.2	198.6	185.0	175.2	163.6
7.5°	621.1	634.8	590.0	506.3	420.6	*383.6*	321.3	259.0	214.2	185.0	165.5
10°	1583.0	1575.3	1423.4	1255.9	969.7	*854.8*	669.8	422.5	276.5	202.5	167.5
12.5°	2692.9	2685.1	2506.0	2278.2	1900.4	*1660.9*	1310.4	788.6	397.2	229.8	167.5
15°	3625.6	3594.5	3538.0	3312.1	2870.1	*2669.6*	2206.1	1394.2	642.6	276.5	171.4
17.5°	4242.9	4215.6	4163.0	4081.2	3800.9	*3563.3*	3191.4	2190.6	1039.8	358.3	179.1
20°	4809.5	4790.0	4747.2	4731.6	4550.5	*4423.9*	4116.3	3105.7	1620.0	486.8	190.8
22.5°	5588.3	5547.5	5565.0	5471.5	5294.3	*5142.4*	4953.6	4063.7	2328.8	701.0	212.2
25°	6542.5	6523.0	6474.3	6408.1	6162.8	*6030.4*	5740.2	4967.2	3121.3	981.4	235.6
27.5°	7695.2	7673.8	7662.1	7510.2	7227.9	*7083.8*	6678.8	5820.1	4013.1	1374.7	266.8
30°	9023.1	9032.9	8956.9	8762.2	8433.1	*8230.6*	7814.0	6713.8	4926.3	1836.2	299.9
32.5°	10397.8	10378.4	10261.5	10031.8	9737.7	*9548.9*	9019.2	7693.2	5884.3	2445.6	338.8
35°	11879.6	11842.6	11535.0	11272.1	11020.9	*10783.4*	10300.5	8830.4	6842.3	3129.1	391.4
37.5°	13375.0	13201.7	12584.5	12251.5	12078.2	*11883.5*	11433.7	10043.4	7794.5	3892.4	455.6
40°	14504.4	14370.0	13637.9	13024.5	12886.3	*12720.8*	12385.9	11091.0	8807.0	4712.1	533.5
42.5°	15129.4	15055.4	14397.3	13791.7	13466.6	*13320.5*	13034.3	12006.2	9807.8	5617.6	646.5
45°	15396.2	15281.3	14841.2	14558.9	14041.0	*13799.5*	13458.8	12697.4	10853.5	6645.7	804.2
47.5°	15314.4	15248.2	14932.8	15036.0	14660.2	*14284.4*	13783.9	13227.1	11747.2	7825.6	1020.3
50°	14800.4	14743.9	14646.5	15205.4	15158.6	*14714.7*	14204.5	13645.7	12477.4	9042.6	1355.2
52.5°	13822.9	13799.5	14048.8	15073.0	15441.0	*15094.4*	14609.5	14015.7	13158.9	10314.1	1834.2
55°	12563.1	12658.5	13371.1	14866.6	15585.1	*15374.8*	14967.8	14362.2	13706.1	11451.2	2541.0
57.5°	12045.1	12070.4	12960.3	14720.5	15649.3	*15622.1*	15316.4	14693.3	14208.4	12360.6	3619.8
60°	12650.7	12611.8	13081.0	14831.5	15777.8	*15844.0*	15626.0	15000.9	14644.6	13141.4	5056.8
62.5°	13745.0	13723.6	13873.5	15304.7	16153.6	*16288.0*	16056.3	15222.9	15030.1	13655.4	6696.3
65°	14722.5	14677.7	14956.1	16143.9	16813.7	*16909.1*	16706.6	15602.6	15199.5	14029.3	8236.5
67.5°	15145.0	15135.3	15583.1	16942.2	17506.9	*17610.1*	17432.9	16126.4	15160.6	14148.1	8916.0
70°	14952.2	14915.2	15631.8	17281.0	17898.3	*18015.1*	17843.8	16321.1	14738.0	13772.3	7909.4
71°	*14740.0*	*14640.7*	*15485.8*	*17257.7*	*17952.8*	*18052.1*	*17752.3*	*16143.9*	*14313.6*	*13238.7*	*6996.1*
72.5°	14081.9	14099.4	15084.6	17014.3	17822.3	*17793.1*	17234.3	15509.1	13801.5	12027.6	5619.5
75°	12461.8	12565.0	13785.9	15992.0	16657.9	*16286.0*	15431.2	14296.0	12773.4	8624.0	3902.1
77.5°	10183.6	10337.5	11679.1	14025.4	13836.5	*13799.5*	13764.5	12596.2	10908.0	4632.3	2714.3
80°	4862.1	5195.0	7044.8	10012.3	10876.8	*11295.5*	11032.6	10150.5	8435.1	2206.1	1622.0
82.5°	317.4	313.5	444.0	841.2	3545.8	*4583.6*	7282.4	7255.1	5880.4	1074.8	662.0
85°	149.9	153.8	169.4	192.8	223.9	*245.3*	338.8	1986.1	2813.6	512.1	144.1
87.5°	87.6	89.6	105.1	134.4	175.2	*194.7*	231.7	297.9	366.1	282.3	31.2
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-SA7B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7	157.7
2.5°	159.7	157.7	151.9	146.0	140.2	136.3	134.4	136.3	136.3	138.2	138.2
5°	159.7	153.8	144.1	132.4	124.6	116.8	112.9	111.0	112.9	112.9	112.9
7.5°	157.7	148.0	134.4	120.7	111.0	101.3	97.4	95.4	95.4	97.4	97.4
10°	153.8	144.1	126.6	111.0	99.3	87.6	81.8	75.9	75.9	75.9	77.9
12.5°	151.9	138.2	116.8	101.3	85.7	72.0	60.4	54.5	56.5	56.5	56.5
15°	148.0	132.4	111.0	91.5	72.0	54.5	44.8	38.9	40.9	42.8	40.9
17.5°	148.0	130.5	103.2	79.8	56.5	40.9	33.1	29.2	29.2	31.2	31.2
20°	148.0	126.6	97.4	68.2	42.8	31.2	23.4	21.4	21.4	25.3	27.3
22.5°	151.9	126.6	89.6	56.5	35.0	23.4	17.5	15.6	17.5	21.4	23.4
25°	157.7	124.6	81.8	50.6	29.2	17.5	13.6	9.7	11.7	15.6	17.5
27.5°	163.6	122.7	74.0	44.8	23.4	13.6	9.7	7.8	5.8	7.8	7.8
30°	169.4	122.7	66.2	37.0	19.5	9.7	5.8	3.9	1.9	0.0	0.0
32.5°	173.3	118.8	60.4	29.2	15.6	7.8	3.9	1.9	0.0	0.0	0.0
35°	177.2	114.9	52.6	23.4	11.7	5.8	1.9	0.0	0.0	0.0	0.0
37.5°	181.1	109.0	44.8	19.5	9.7	3.9	0.0	0.0	0.0	0.0	0.0
40°	185.0	101.3	37.0	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	188.9	95.4	31.2	13.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	198.6	91.5	25.3	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	216.1	87.6	23.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	241.4	83.7	21.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	276.5	81.8	19.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	338.8	79.8	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	445.9	77.9	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	683.5	74.0	17.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1220.9	72.0	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2128.2	74.0	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3051.2	77.9	13.6	5.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
70°	2611.1	68.2	13.6	7.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0
71°	*2128.2*	*60.4*	*13.6*	*7.8*	*3.9*	*1.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1368.9	46.7	11.7	7.8	3.9	3.9	1.9	0.0	0.0	0.0	0.0
75°	578.3	38.9	11.7	7.8	5.8	3.9	3.9	1.9	0.0	0.0	0.0
77.5°	247.3	29.2	11.7	9.7	7.8	5.8	5.8	3.9	1.9	0.0	0.0
80°	93.5	23.4	13.6	11.7	9.7	9.7	7.8	3.9	1.9	0.0	0.0
82.5°	42.8	19.5	13.6	11.7	11.7	9.7	7.8	5.8	3.9	0.0	0.0
85°	27.3	17.5	13.6	11.7	11.7	9.7	9.7	5.8	3.9	0.0	0.0
87.5°	21.4	17.5	13.6	13.6	11.7	11.7	7.8	5.8	1.9	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

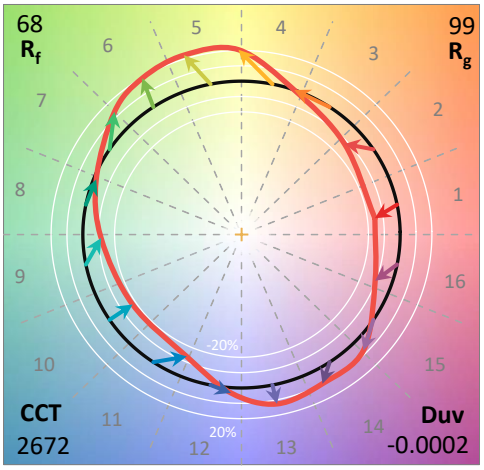
Test Information

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

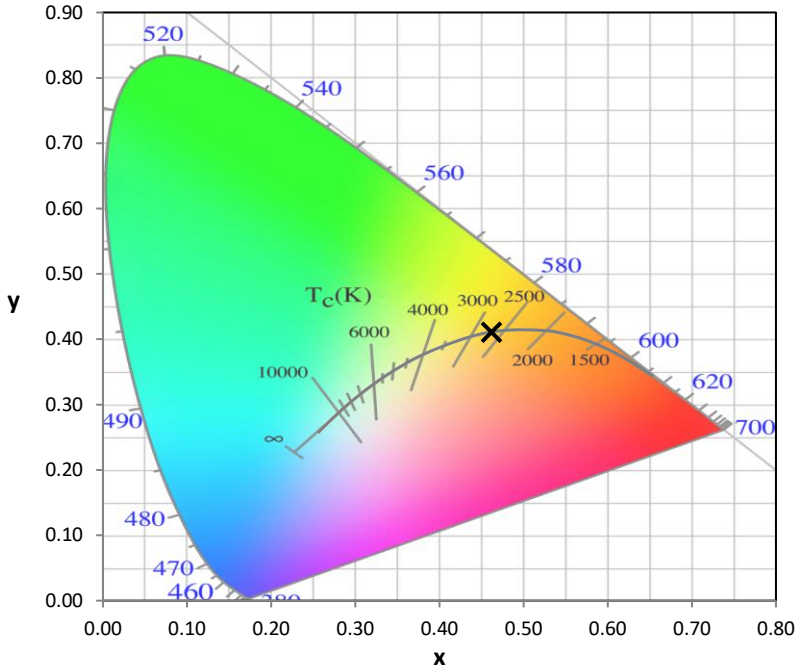
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

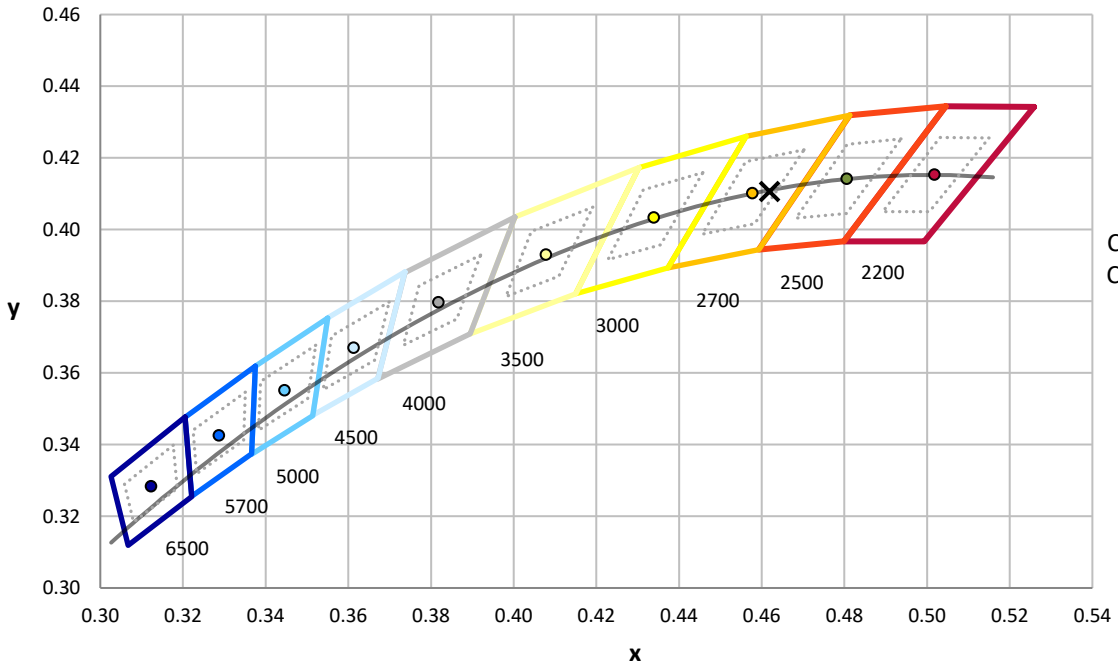
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

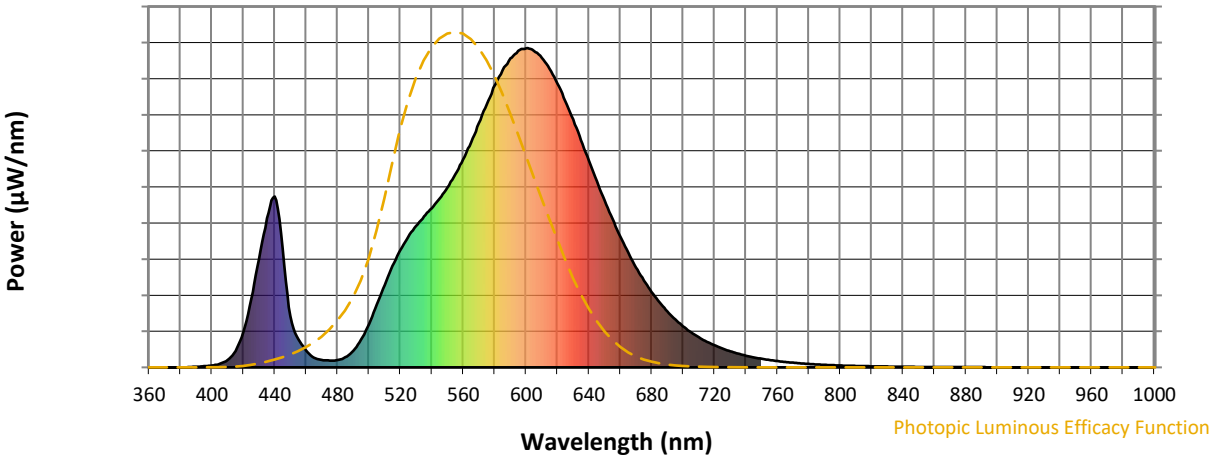


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

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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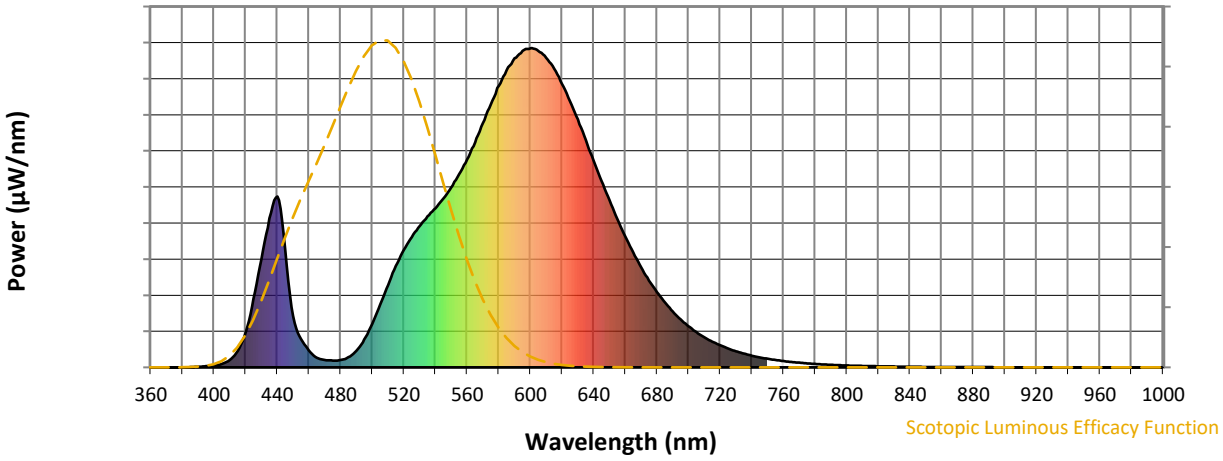
Scotopic Flux vs. Wavelength



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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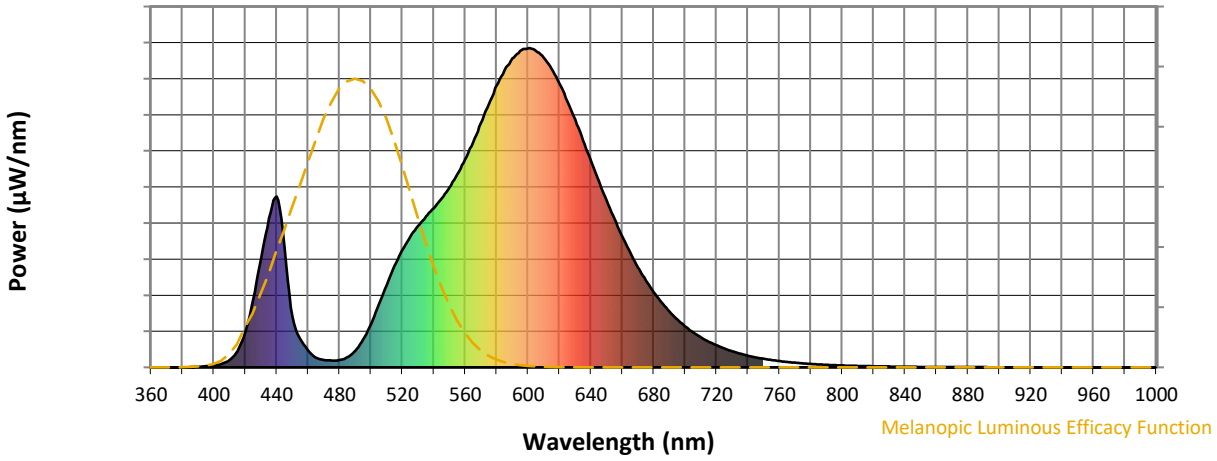
Melanopic Flux vs. Wavelength



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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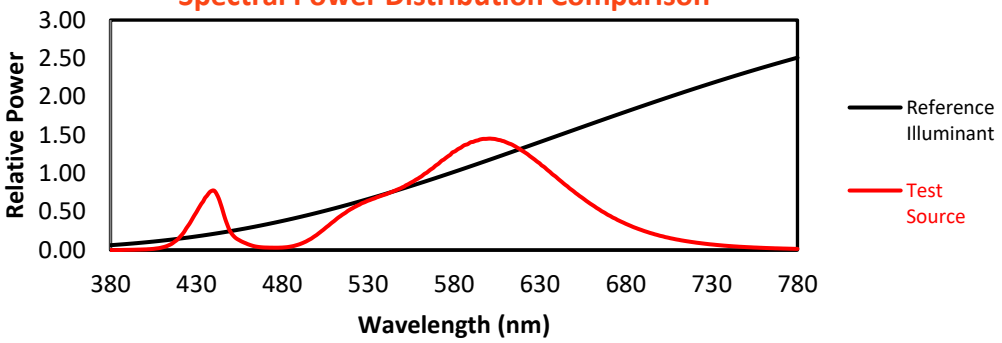
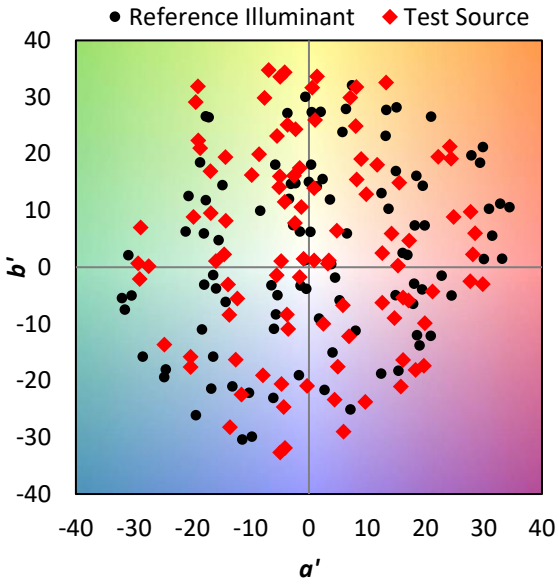
Summary

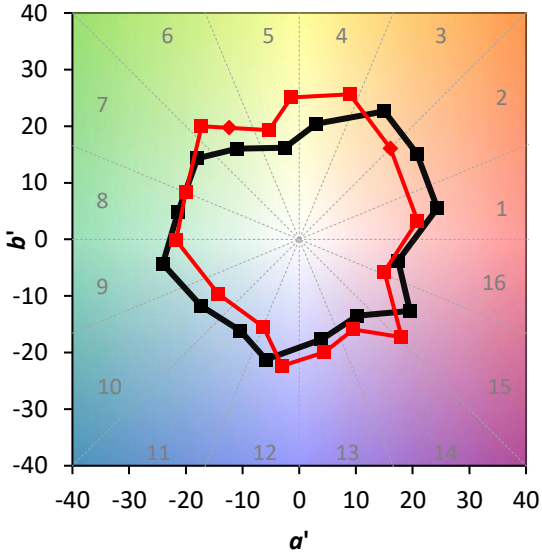
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

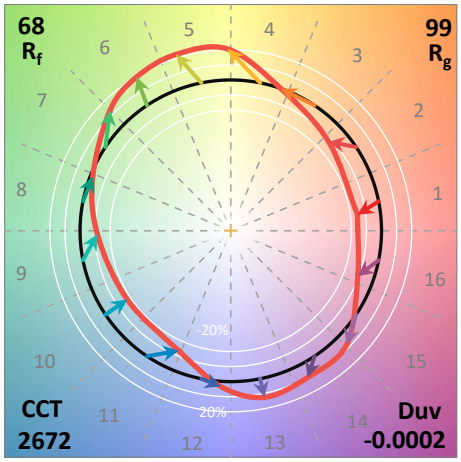
Spectral Power Distribution Comparison

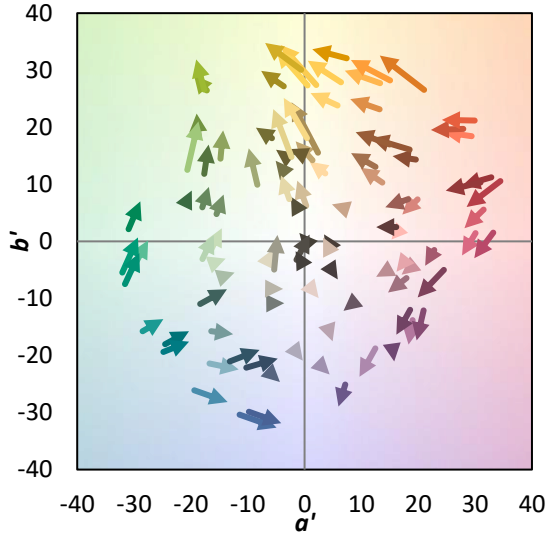


Color Vector Graphics









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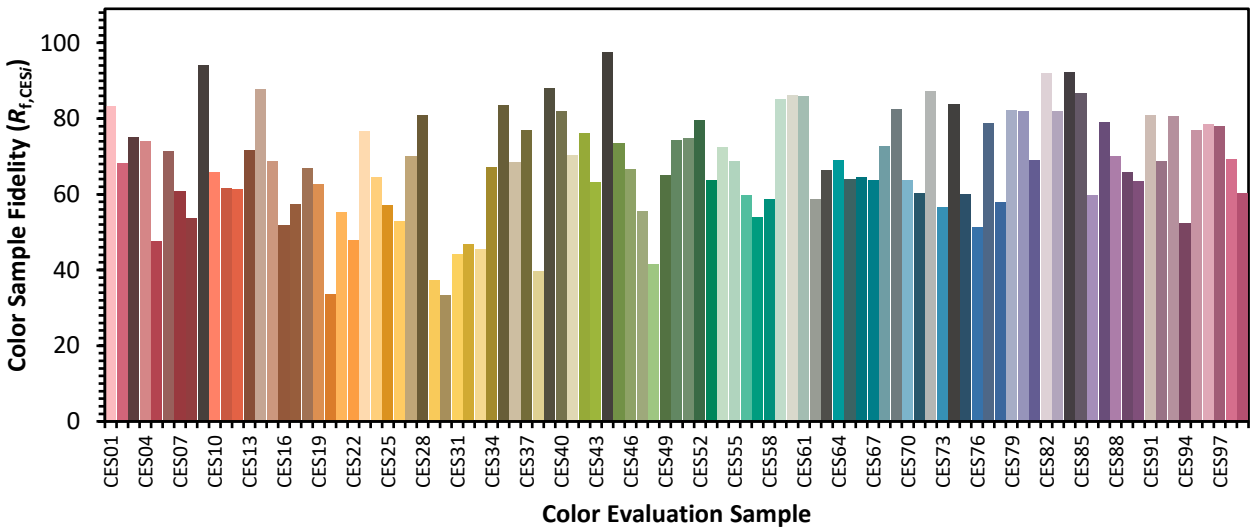
Individual Sample Fidelity Index ($R_{f,i}$)

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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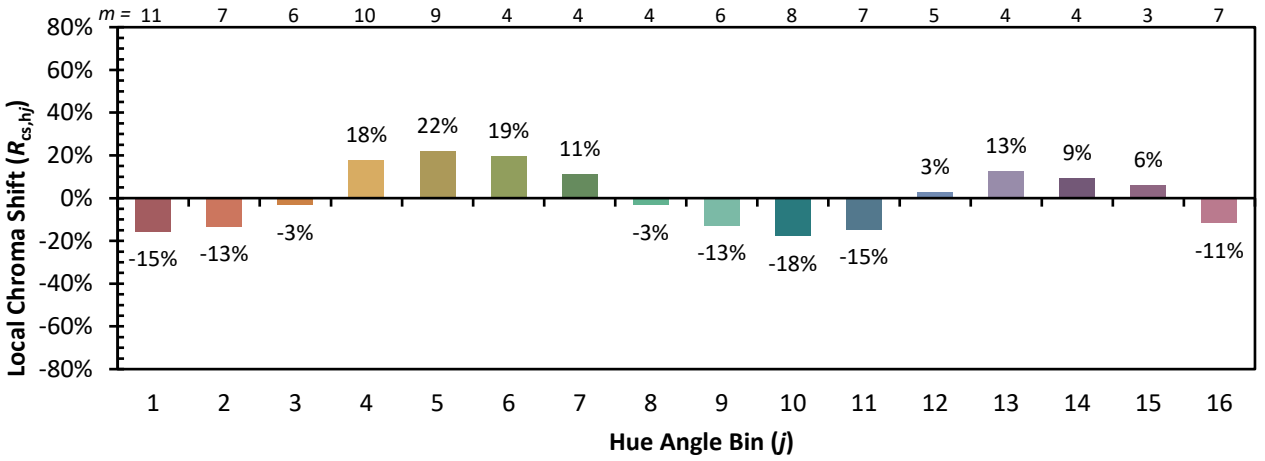
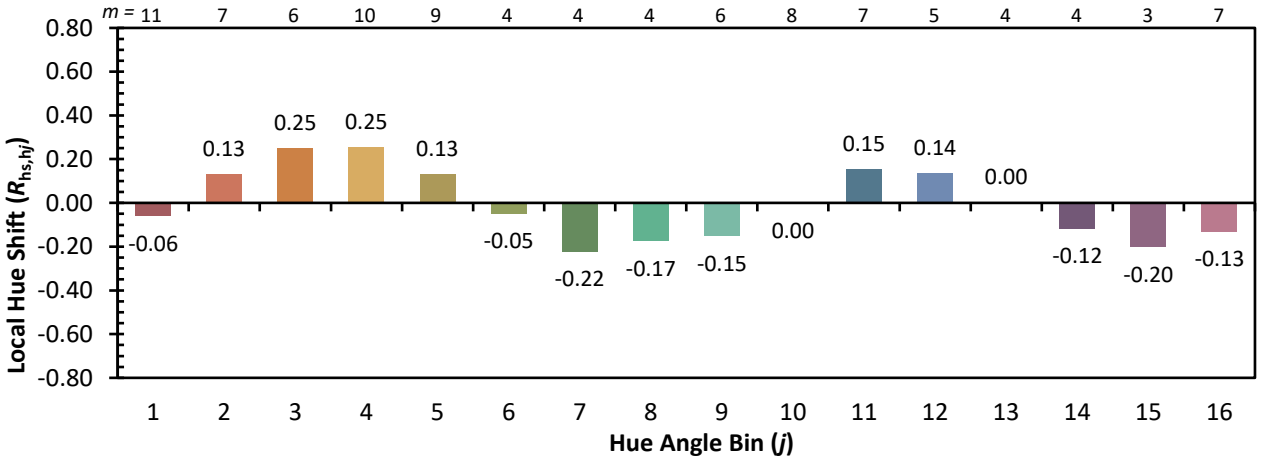
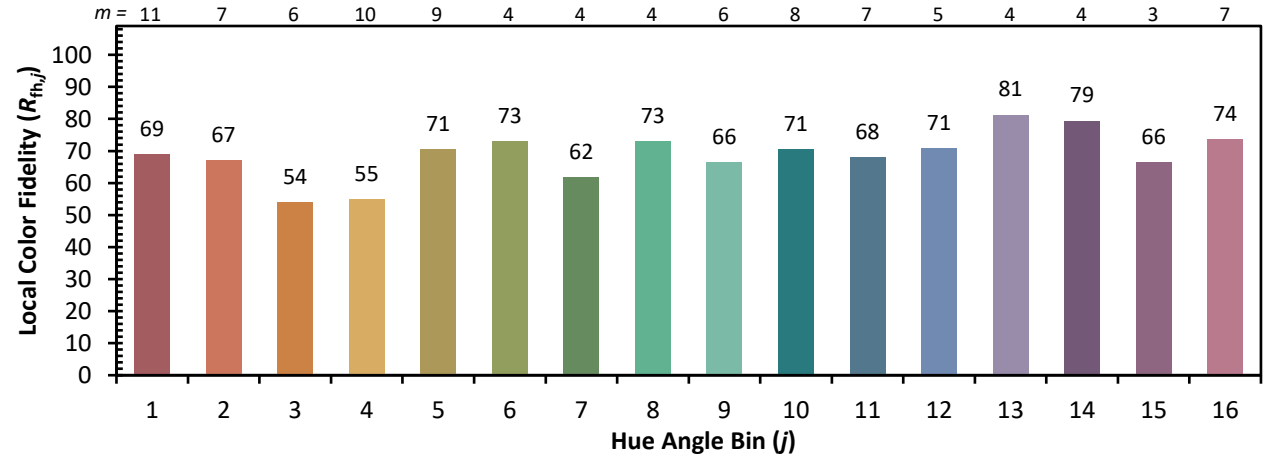
Color Rendition by Hue-Angle Bin







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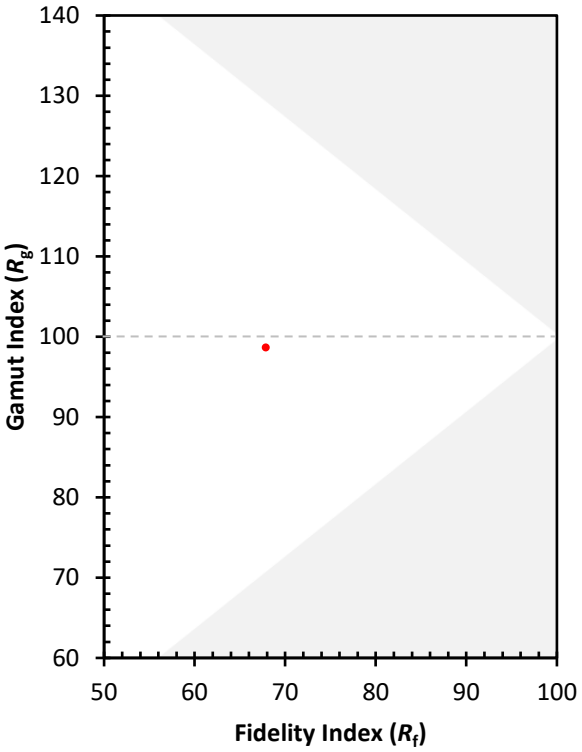
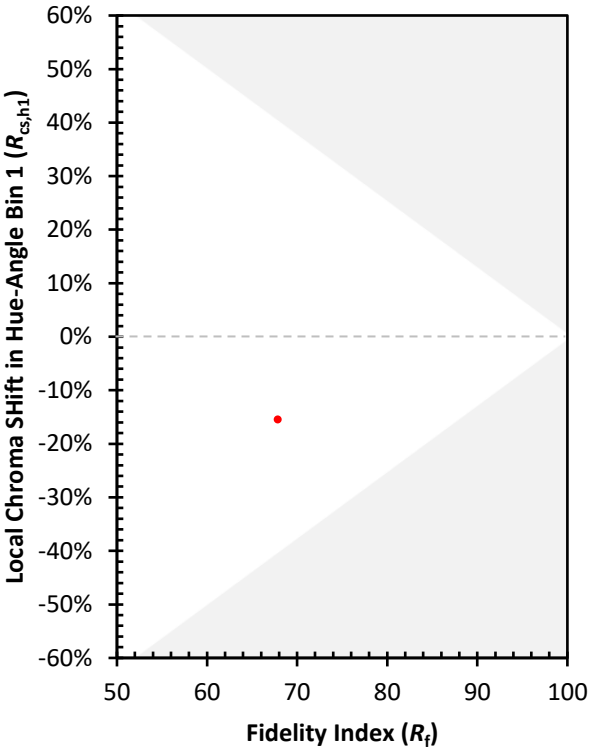
Measure Comparisons





(END OF REPORT)