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: P1048414

Luminaire Tested: **GALN-SA9B-735-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:	P1048414
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	07/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	McGRAW-EDISON
Catalog Number:	GALN-SA9B-735-U-T4BC
Description:	GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(126) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	39529 lumens
Efficiency:	N/A
Efficacy:	126.4 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):	312.7
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: P1048414
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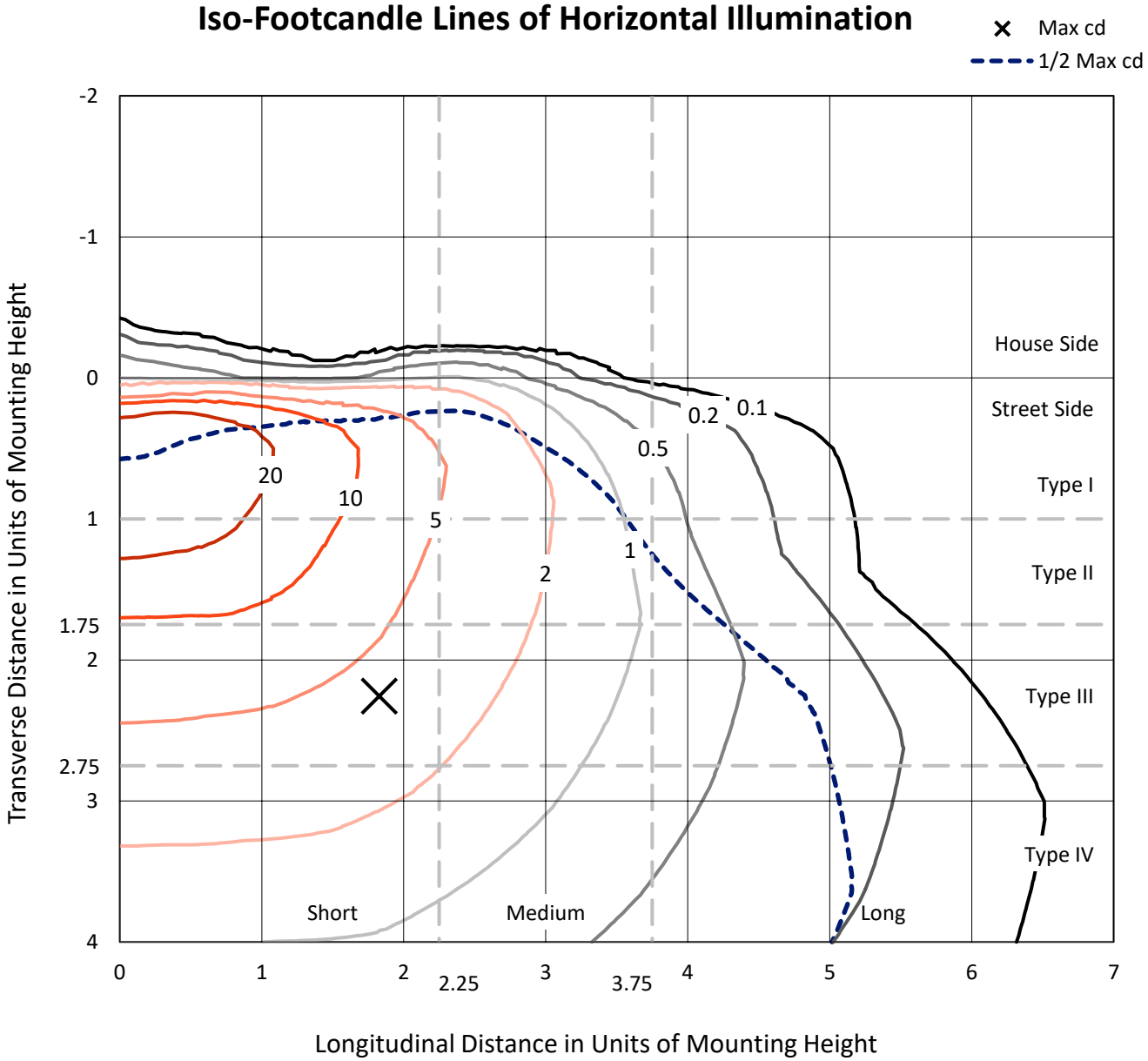
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 40.6 fc
Type IV - Short - N/A

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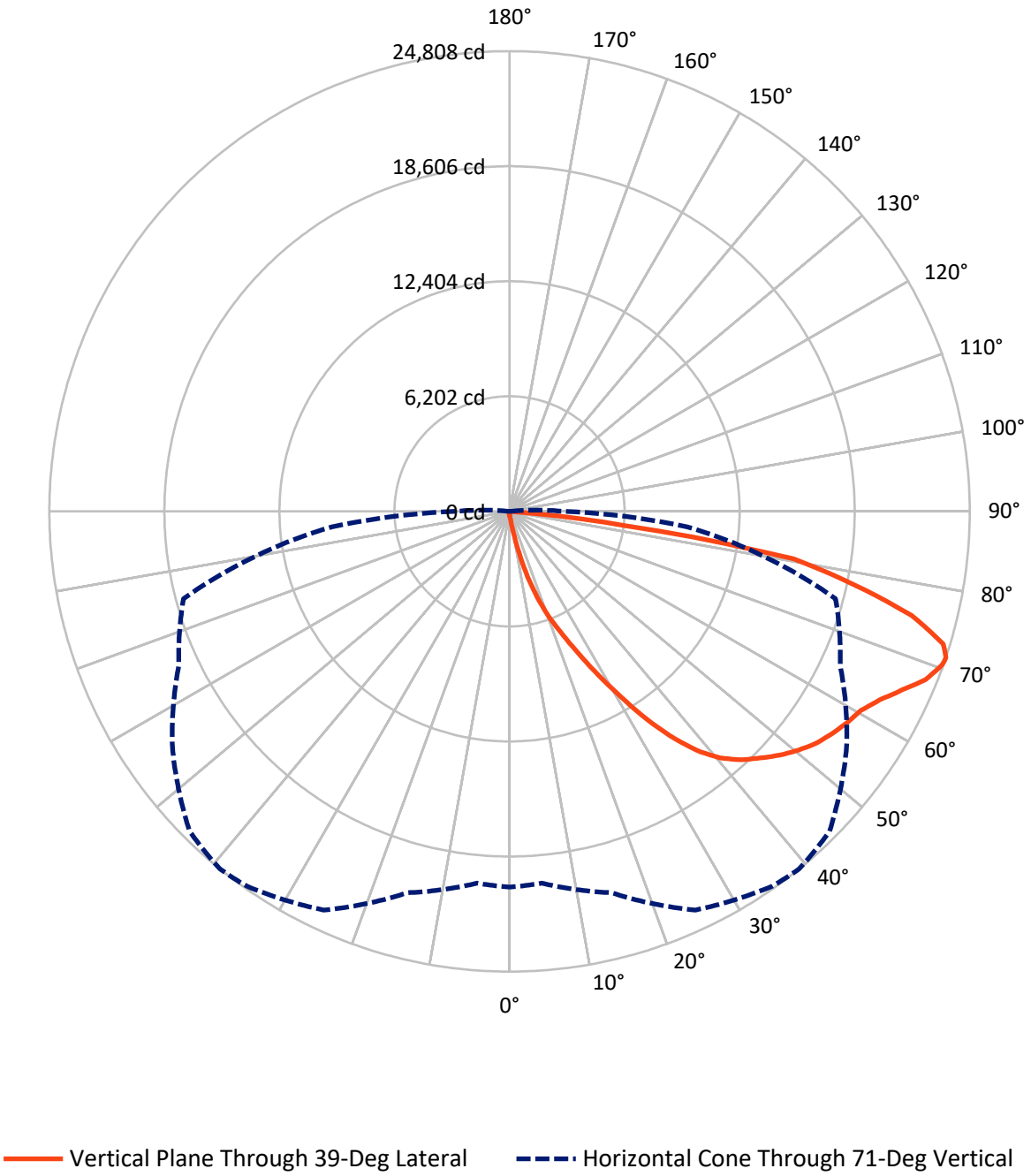
Luminous Intensity Polar Plot



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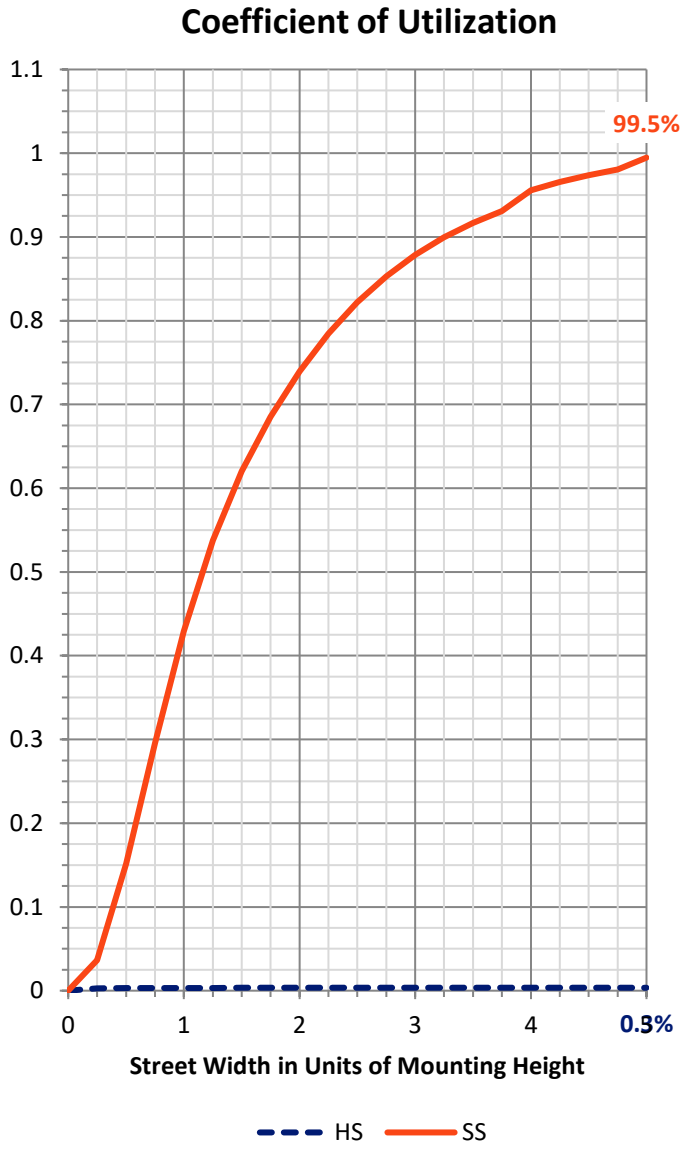
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	140.5	0.0	140.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	39388.5	0.0	39388.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	39529.0	0.0	39529.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	0.1
10°-20°	422.5	1.1
20°-30°	1504.6	3.8
30°-40°	3626.2	9.2
40°-50°	6068.7	15.4
50°-60°	7794.5	19.7
60°-70°	9864.0	25.0
70°-80°	8794.1	22.2
80°-90°	1421.5	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°	39529.0	100.0
0°-180°	39529.0	100.0



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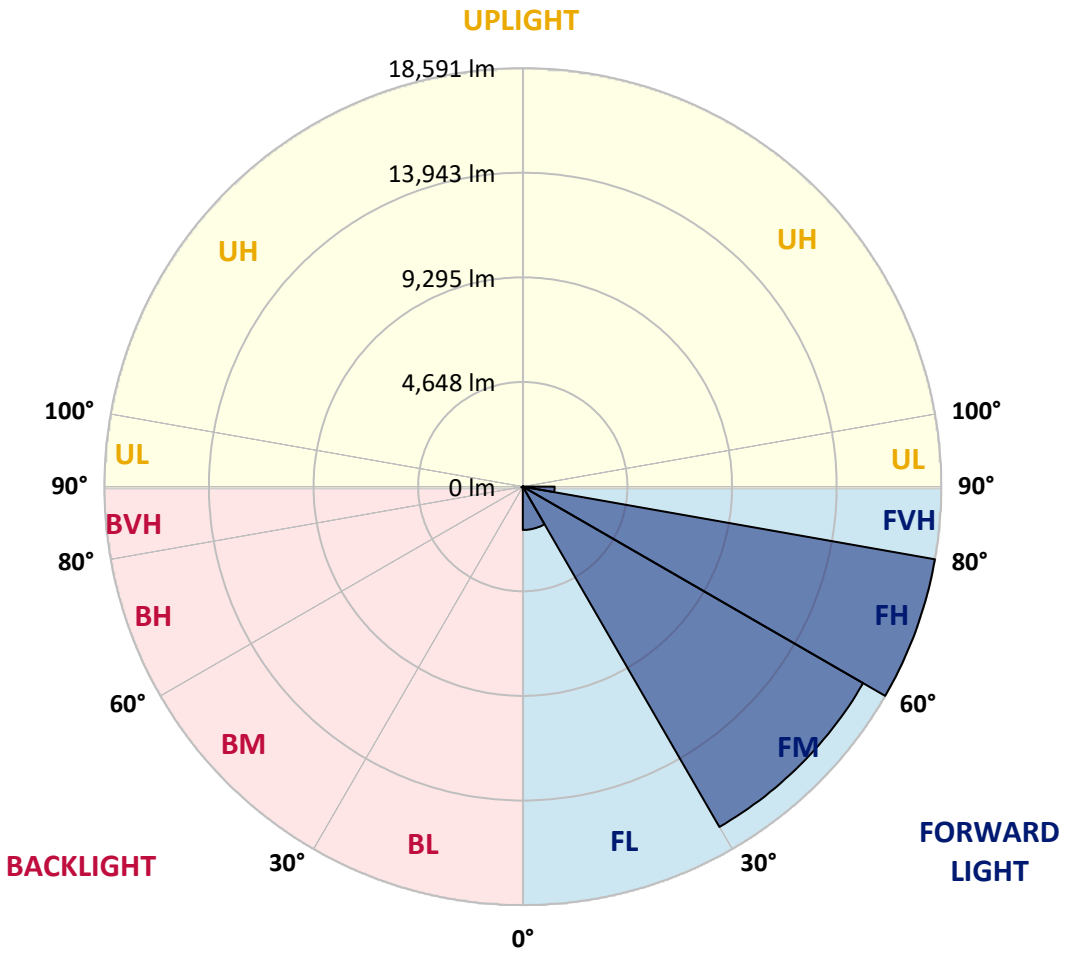
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1926.1	4.9			
FM	(30°-60°)	17456.8	44.2			
FH	(60°-80°)	18590.5	47.0			G5
FVH	(80°-90°)	1415.1	3.6			G5
BL	(0°-30°)	34.0	0.1	B0/110		
BM	(30°-60°)	32.5	0.1	B0/220		
BH	(60°-80°)	67.6	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	216.7	216.7	216.7	216.7	216.7	*216.7*	216.7	216.7	216.7	216.7	216.7
2.5°	248.9	248.9	248.9	240.8	240.8	*238.2*	235.5	235.5	230.1	227.5	222.1
5°	377.3	369.3	350.5	339.8	318.4	*305.1*	291.7	272.9	254.2	240.8	224.8
7.5°	853.6	872.3	810.8	695.7	578.0	*527.2*	441.5	355.9	294.3	254.2	227.5
10°	2175.5	2164.8	1956.1	1726.0	1332.6	*1174.7*	920.5	580.7	380.0	278.3	230.1
12.5°	3700.8	3690.1	3443.9	3130.8	2611.7	*2282.5*	1800.9	1083.7	545.9	315.8	230.1
15°	4982.5	4939.7	4862.1	4551.7	3944.3	*3668.7*	3031.8	1915.9	883.0	380.0	235.5
17.5°	5830.8	5793.3	5721.1	5608.7	5223.4	*4896.9*	4385.8	3010.4	1428.9	492.4	246.2
20°	6609.5	6582.7	6523.8	6502.4	6253.6	*6079.6*	5656.8	4268.1	2226.3	669.0	262.2
22.5°	7679.8	7623.6	7647.7	7519.3	7275.8	*7067.0*	6807.5	5584.6	3200.4	963.3	291.7
25°	8991.0	8964.3	8897.4	8806.4	8469.2	*8287.3*	7888.5	6826.2	4289.5	1348.7	323.8
27.5°	10575.2	10545.7	10529.7	10320.9	9932.9	*9734.9*	9178.3	7998.3	5515.0	1889.2	366.6
30°	12400.1	12413.5	12309.1	12041.5	11589.3	*11311.0*	10738.4	9226.5	6770.0	2523.4	412.1
32.5°	14289.3	14262.5	14102.0	13786.2	13382.2	*13122.6*	12394.8	10572.5	8086.6	3360.9	465.6
35°	16325.7	16274.8	15852.0	15490.8	15145.6	*14819.1*	14155.5	12135.2	9403.1	4300.2	537.9
37.5°	18380.7	18142.6	17294.3	16836.8	16598.6	*16331.0*	15712.9	13802.3	10711.6	5349.1	626.2
40°	19932.8	19748.1	18742.0	17899.1	17709.1	*17481.6*	17021.4	15241.9	12103.1	6475.7	733.2
42.5°	20791.7	20690.0	19785.6	18953.4	18506.5	*18305.8*	17912.5	16499.6	13478.5	7720.0	888.4
45°	21158.3	21000.5	20395.7	20007.7	19295.9	*18964.1*	18495.8	17449.5	14915.5	9132.8	1105.1
47.5°	21045.9	20955.0	20521.5	20663.3	20146.8	*19630.4*	18942.7	18177.4	16143.7	10754.4	1402.2
50°	20339.5	20261.9	20128.1	20896.1	20831.9	*20221.8*	19520.7	18752.7	17147.2	12426.9	1862.4
52.5°	18996.2	18964.1	19306.6	20714.1	21219.9	*20743.6*	20077.3	19261.1	18083.7	14174.2	2520.7
55°	17264.9	17396.0	18375.4	20430.5	21417.9	*21128.9*	20569.6	19737.4	18835.7	15737.0	3492.0
57.5°	16553.1	16587.9	17810.8	20229.8	21506.2	*21468.7*	21048.6	20192.3	19526.0	16986.6	4974.5
60°	17385.3	17331.8	17976.7	20382.3	21682.8	*21773.8*	21474.1	20615.1	20125.4	18059.6	6949.3
62.5°	18889.2	18859.7	19065.8	21032.6	22199.3	*22383.9*	22065.5	20920.2	20655.3	18766.1	9202.4
65°	20232.5	20170.9	20553.6	22185.9	23106.4	*23237.5*	22959.2	21442.0	20888.1	19279.9	11319.1
67.5°	20813.1	20799.8	21415.2	23283.0	24059.0	*24200.8*	23957.3	22161.8	20834.5	19443.1	12252.9
70°	20548.2	20497.4	21482.1	23748.6	24596.9	*24757.4*	24521.9	22429.4	20253.9	18926.6	10869.5
71°	*20256.6*	*20120.1*	*21281.4*	*23716.5*	*24671.8*	*24808.3*	*24396.2*	*22185.9*	*19670.5*	*18193.4*	*9614.5*
72.5°	19352.1	19376.2	20730.2	23382.0	24492.5	*24452.4*	23684.4	21313.5	18966.8	16529.0	7722.6
75°	17125.8	17267.6	18945.4	21977.2	22892.3	*22381.2*	21206.5	19646.4	17553.9	11851.6	5362.5
77.5°	13995.0	14206.3	16050.0	19274.5	19014.9	*18964.1*	18915.9	17310.4	14990.4	6366.0	3730.2
80°	6681.7	7139.3	9681.4	13759.5	14947.6	*15522.9*	15161.6	13949.5	11592.0	3031.8	2229.0
82.5°	436.2	430.8	610.1	1156.0	4872.8	*6299.1*	10007.9	9970.4	8081.2	1477.1	909.8
85°	206.0	211.4	232.8	264.9	307.7	*337.2*	465.6	2729.4	3866.7	703.8	198.0
87.5°	120.4	123.1	144.5	184.6	240.8	*267.6*	318.4	409.4	503.1	388.0	42.8
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-SA9B-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	216.7	216.7	216.7	216.7	216.7	216.7	216.7	216.7	216.7	216.7	216.7
2.5°	219.4	216.7	208.7	200.7	192.7	187.3	184.6	187.3	187.3	190.0	190.0
5°	219.4	211.4	198.0	182.0	171.3	160.6	155.2	152.5	155.2	155.2	155.2
7.5°	216.7	203.4	184.6	165.9	152.5	139.1	133.8	131.1	131.1	133.8	133.8
10°	211.4	198.0	173.9	152.5	136.5	120.4	112.4	104.4	104.4	104.4	107.0
12.5°	208.7	190.0	160.6	139.1	117.7	99.0	83.0	74.9	77.6	77.6	77.6
15°	203.4	182.0	152.5	125.8	99.0	74.9	61.5	53.5	56.2	58.9	56.2
17.5°	203.4	179.3	141.8	109.7	77.6	56.2	45.5	40.1	40.1	42.8	42.8
20°	203.4	173.9	133.8	93.7	58.9	42.8	32.1	29.4	29.4	34.8	37.5
22.5°	208.7	173.9	123.1	77.6	48.2	32.1	24.1	21.4	24.1	29.4	32.1
25°	216.7	171.3	112.4	69.6	40.1	24.1	18.7	13.4	16.1	21.4	24.1
27.5°	224.8	168.6	101.7	61.5	32.1	18.7	13.4	10.7	8.0	10.7	10.7
30°	232.8	168.6	91.0	50.8	26.8	13.4	8.0	5.4	2.7	0.0	0.0
32.5°	238.2	163.2	83.0	40.1	21.4	10.7	5.4	2.7	0.0	0.0	0.0
35°	243.5	157.9	72.2	32.1	16.1	8.0	2.7	0.0	0.0	0.0	0.0
37.5°	248.9	149.9	61.5	26.8	13.4	5.4	0.0	0.0	0.0	0.0	0.0
40°	254.2	139.1	50.8	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	259.6	131.1	42.8	18.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	272.9	125.8	34.8	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	297.0	120.4	32.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	331.8	115.1	29.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	380.0	112.4	26.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	465.6	109.7	24.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	612.8	107.0	24.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	939.2	101.7	24.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1677.8	99.0	21.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2924.8	101.7	21.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4193.1	107.0	18.7	8.0	2.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	3588.4	93.7	18.7	10.7	5.4	2.7	0.0	0.0	0.0	0.0	0.0
71°	*2924.8*	*83.0*	*18.7*	*10.7*	*5.4*	*2.7*	*2.7*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1881.2	64.2	16.1	10.7	5.4	5.4	2.7	0.0	0.0	0.0	0.0
75°	794.7	53.5	16.1	10.7	8.0	5.4	5.4	2.7	0.0	0.0	0.0
77.5°	339.8	40.1	16.1	13.4	10.7	8.0	8.0	5.4	2.7	0.0	0.0
80°	128.4	32.1	18.7	16.1	13.4	13.4	10.7	5.4	2.7	0.0	0.0
82.5°	58.9	26.8	18.7	16.1	16.1	13.4	10.7	8.0	5.4	0.0	0.0
85°	37.5	24.1	18.7	16.1	16.1	13.4	13.4	8.0	5.4	0.0	0.0
87.5°	29.4	24.1	18.7	18.7	16.1	16.1	10.7	8.0	2.7	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

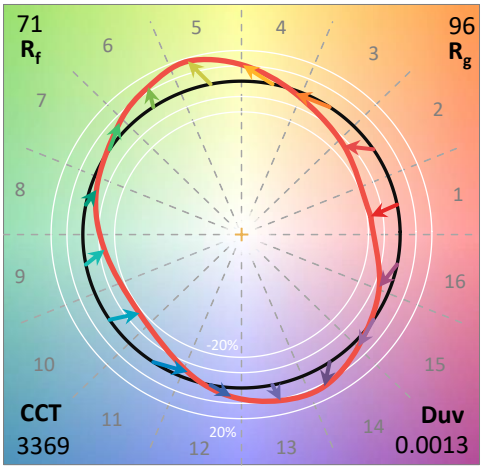
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-5
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-735-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369
CIE u':	0.2386
CIE v':	0.5156
Duv:	0.0013
CIE x:	0.4143
CIE y:	0.3980
CIE z:	0.1877
Peak Wavelength (nm):	590
Dominant Wavelength (nm):	580
Purity:	43.80166
Rf:	71.4
Rg:	96

CRI (Ra):	70.1
R1:	66.6
R2:	77.6
R3:	88.5
R4:	69.5
R5:	66.4
R6:	69.6
R7:	77.5
R8:	44.9
R9:	-40.2
R10:	49.1
R11:	66.3
R12:	45.7
R13:	68.0
R14:	93.4
R15:	57.6



Test Conditions

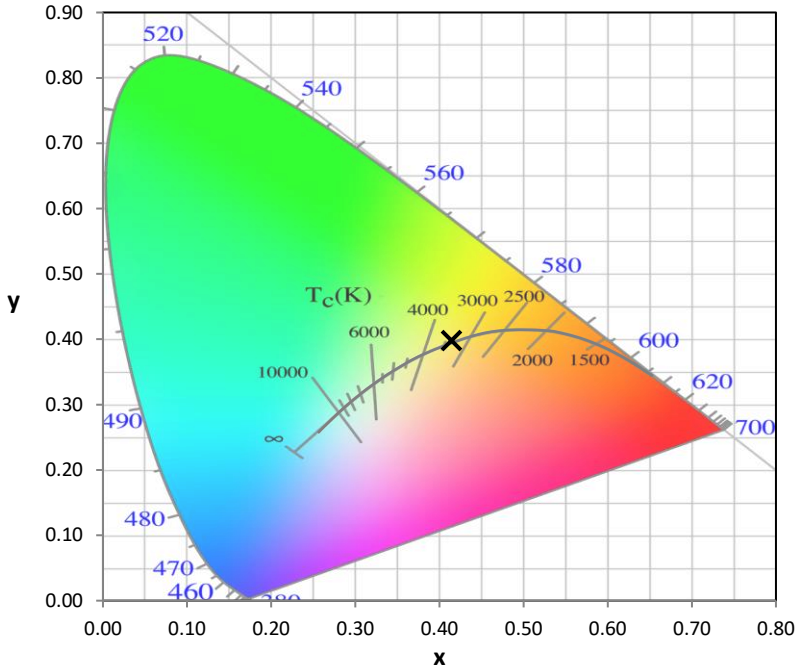
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

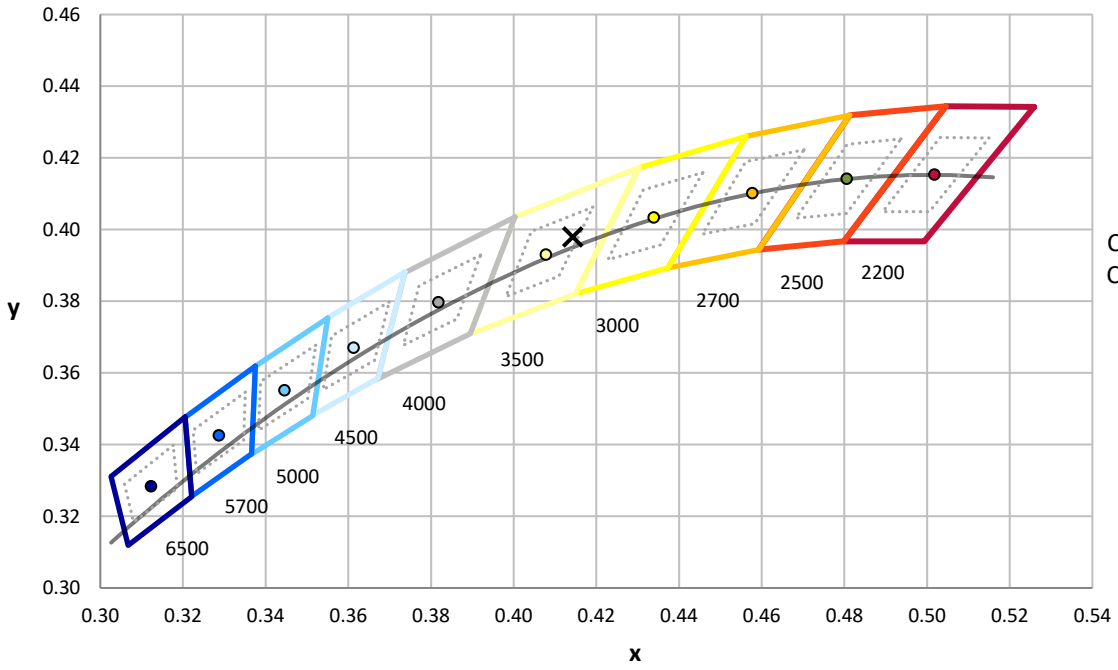
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



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

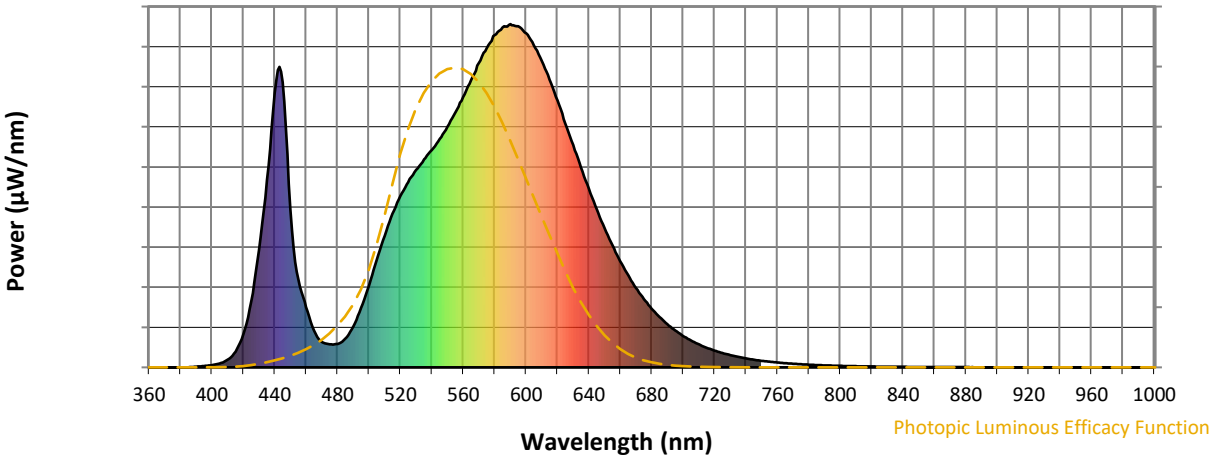


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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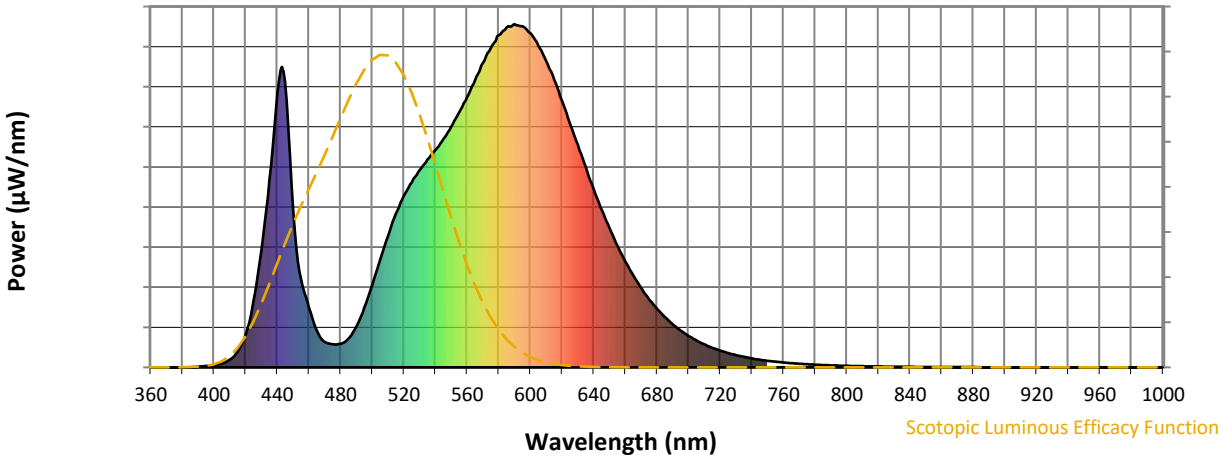
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.29**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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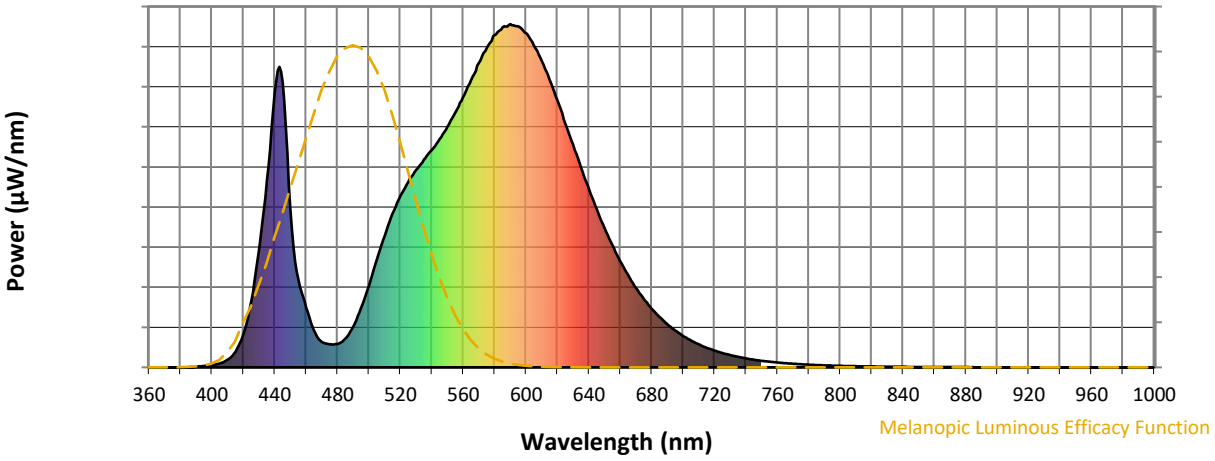
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.36**

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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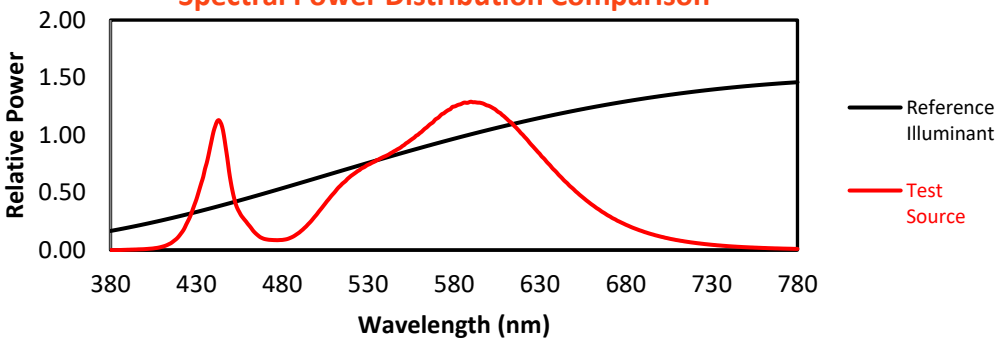
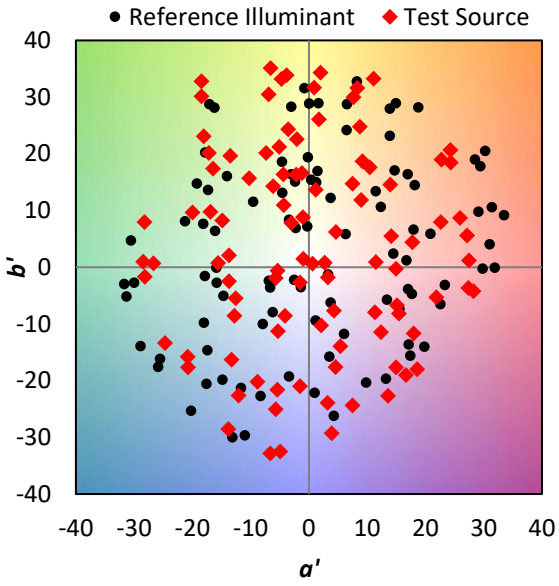
Summary

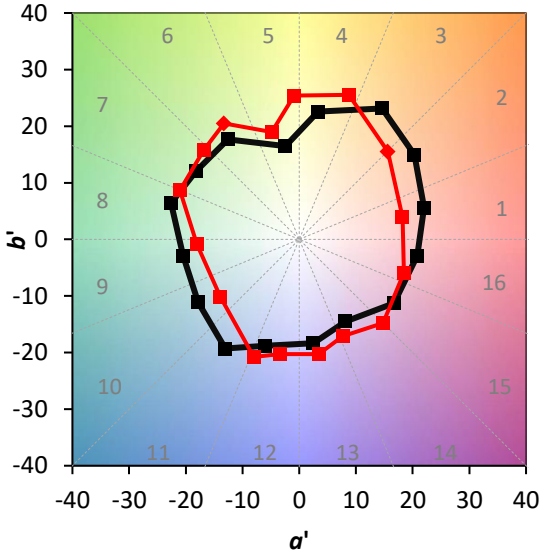
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

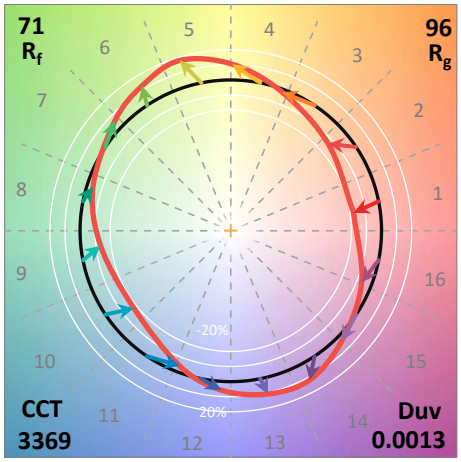
Spectral Power Distribution Comparison

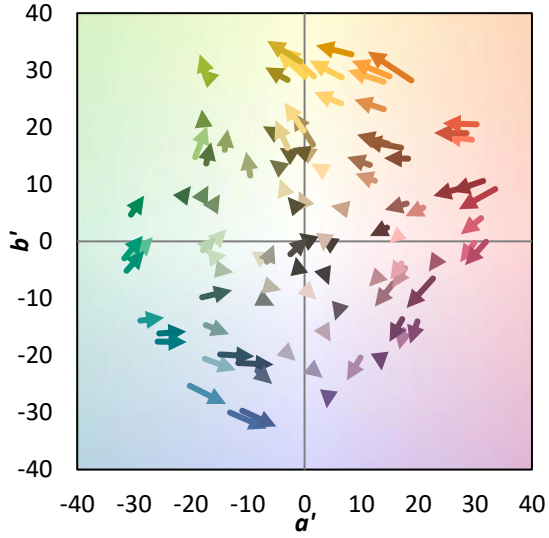


Color Vector Graphics









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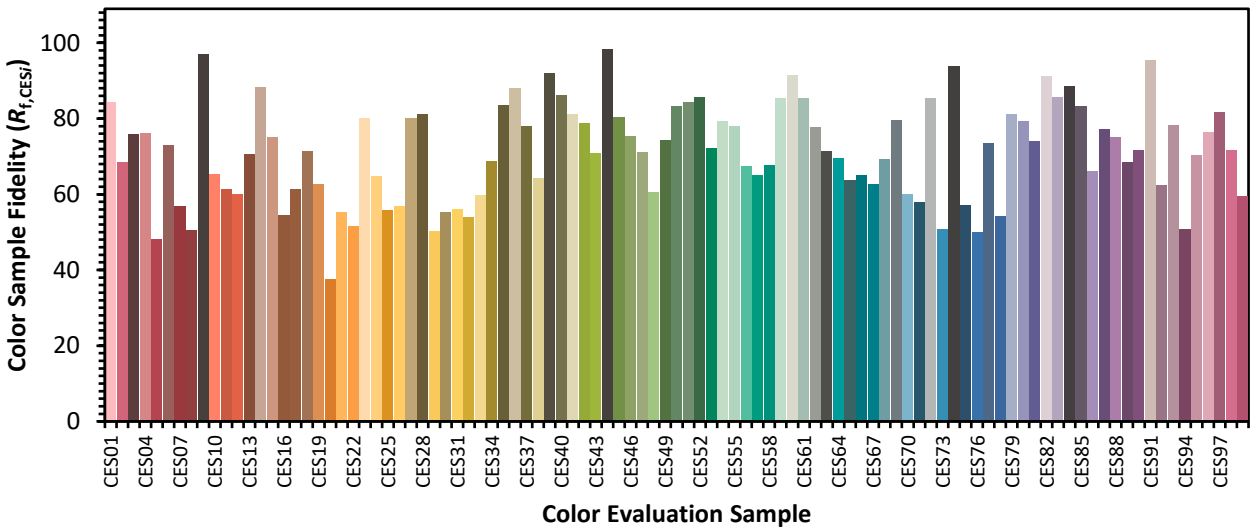
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



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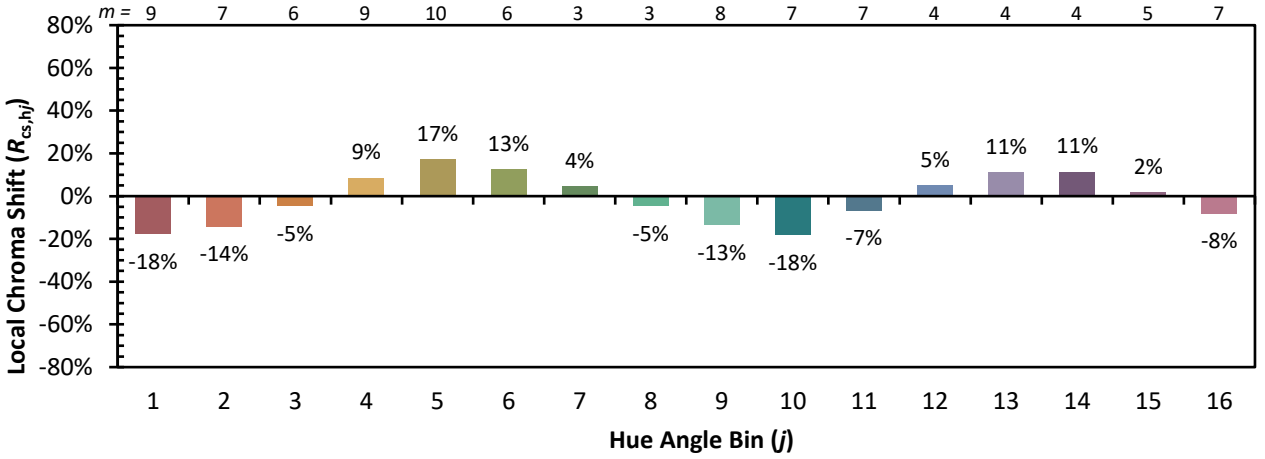
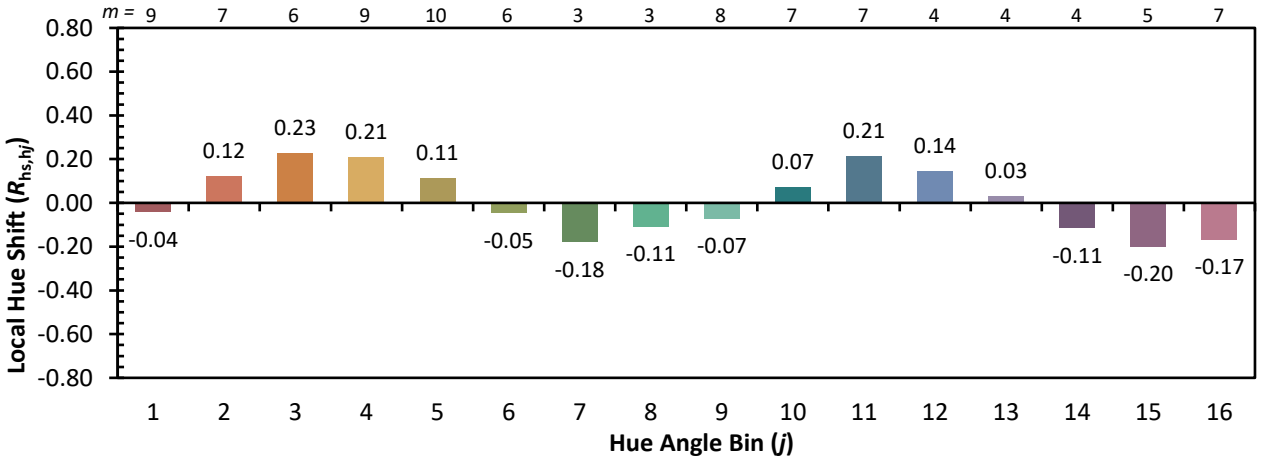
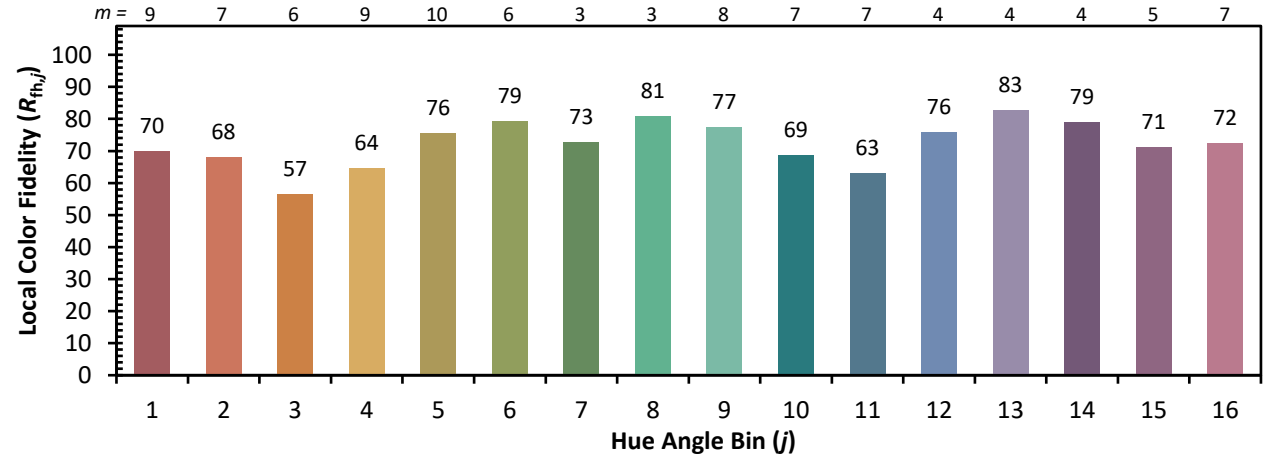
Color Rendition by Hue-Angle Bin







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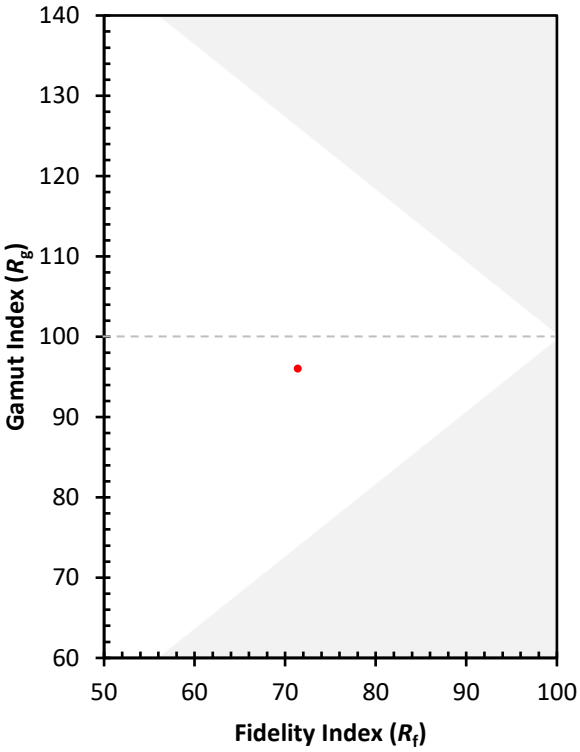
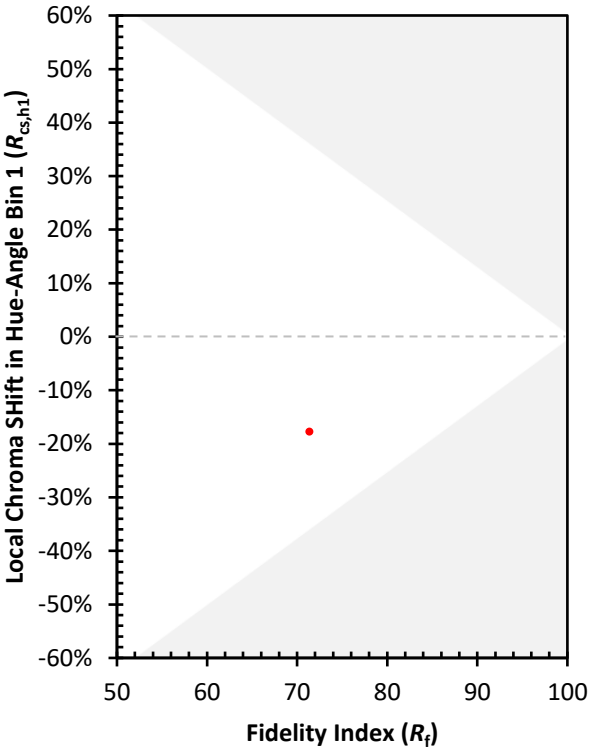
Measure Comparisons





(END OF REPORT)