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: LUMARK

Report Number: P1067006

Luminaire Tested: **NAV-SA1B-735-U-T3BC**

Issue Date: 08/07/2025

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:	P1067006
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA1B-735-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE 70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(14) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	4495.6 lumens
Efficiency:	N/A
Efficacy:	118.6 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	37.9
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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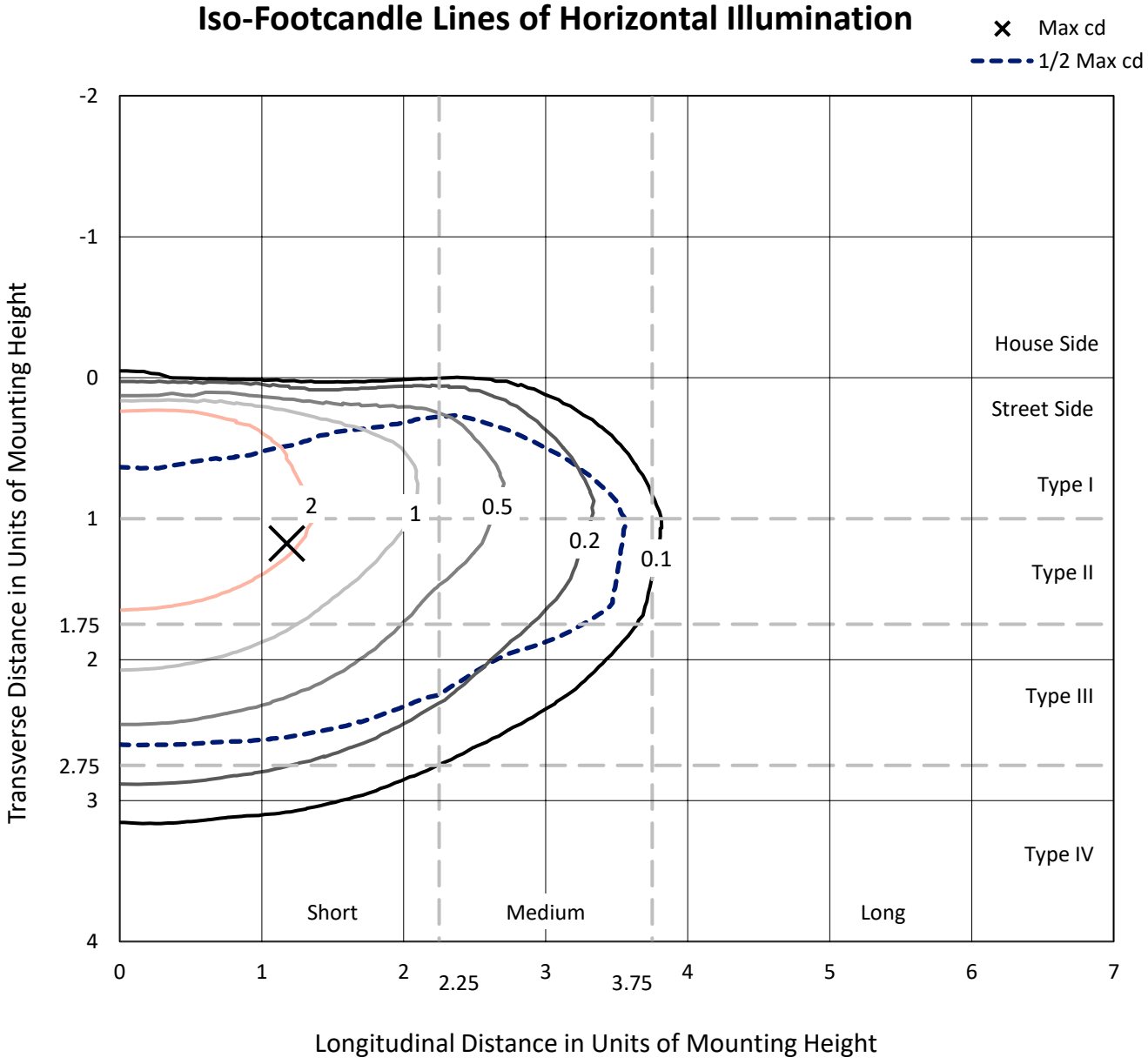
REPORT NUMBER: P1067006
CATALOG NUMBER: NAV-SA1B-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 4.9 fc
Type III - Short - N/A

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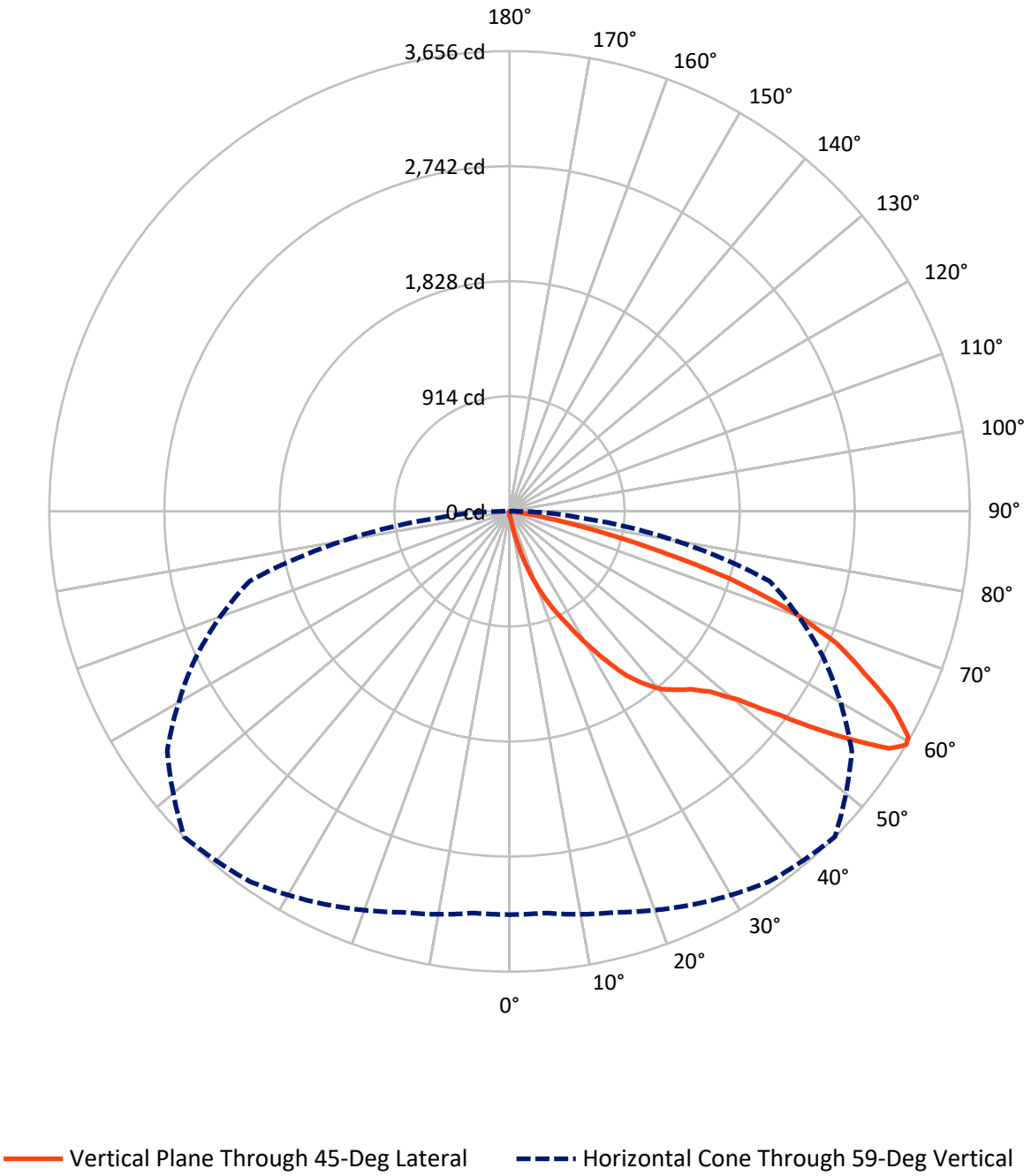
Luminous Intensity Polar Plot



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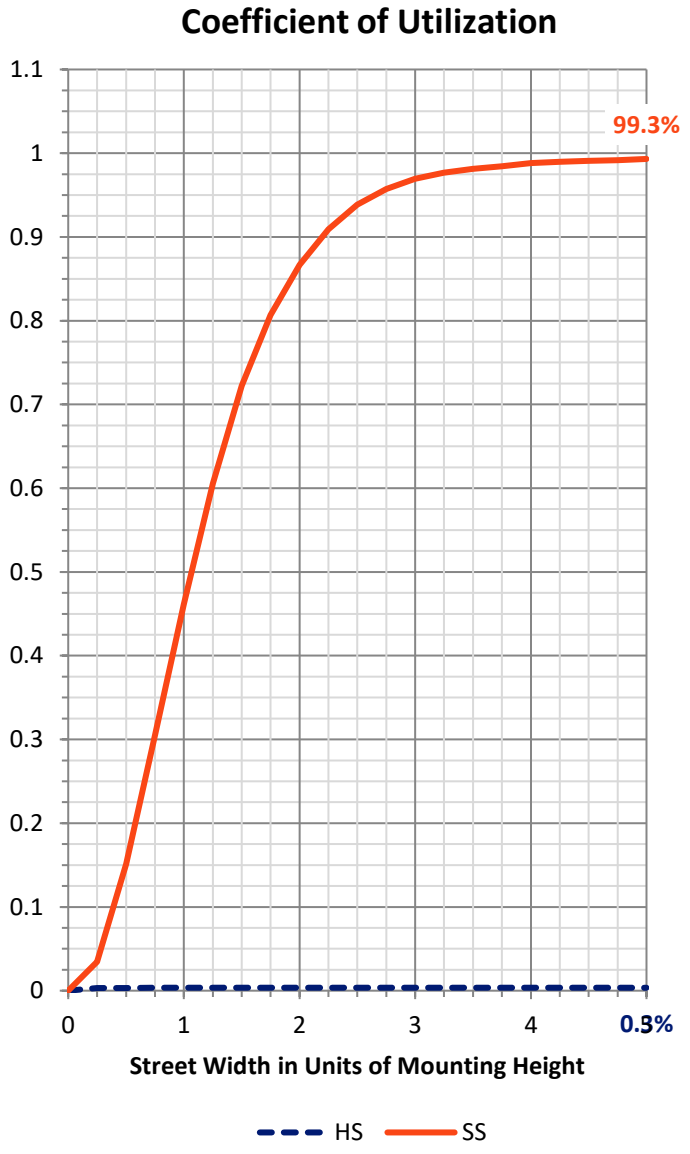
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.0	0.0	16.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4479.7	0.0	4479.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	4495.6	0.0	4495.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.1
10°-20°	49.7	1.1
20°-30°	178.5	4.0
30°-40°	414.9	9.2
40°-50°	707.1	15.7
50°-60°	1165.2	25.9
60°-70°	1347.2	30.0
70°-80°	578.8	12.9
80°-90°	50.0	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°	4495.6	100.0
0°-180°	4495.6	100.0



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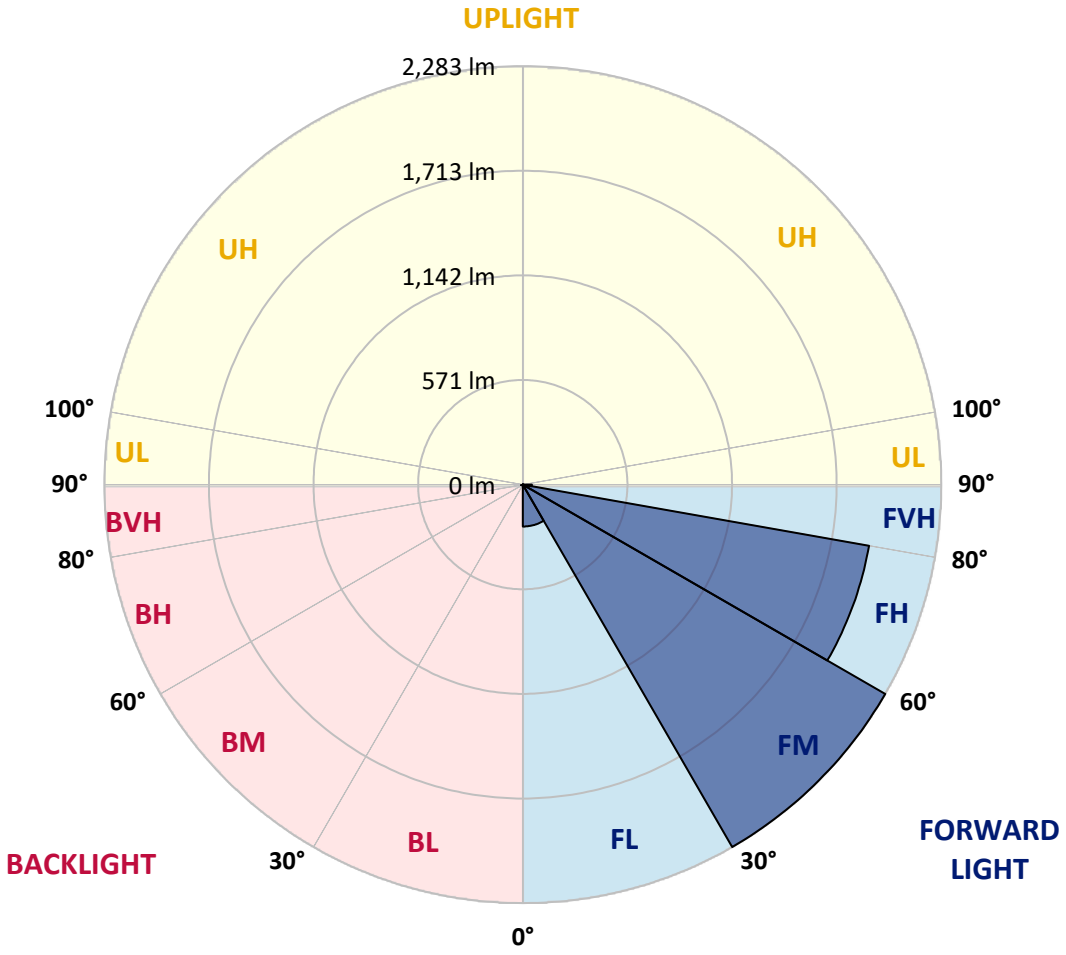
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	228.5	5.1			
FM	(30°-60°)	2283.3	50.8			
FH	(60°-80°)	1918.5	42.7			G2/5000
FVH	(80°-90°)	49.4	1.1			G1/100
BL	(0°-30°)	3.9	0.1	B0/110		
BM	(30°-60°)	3.9	0.1	B0/220		
BH	(60°-80°)	7.5	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	28.4	28.4	28.4	28.4	28.4	28.4	*28.4*	28.4	28.4	28.4	28.4
2.5°	36.9	36.9	36.0	34.8	34.5	33.6	*33.6*	32.6	31.4	30.5	29.3
5°	53.5	53.2	50.8	47.8	43.8	41.4	*41.4*	38.1	35.1	32.3	29.9
7.5°	117.0	114.3	105.5	91.0	71.9	59.2	*58.3*	47.5	40.2	34.8	30.2
10°	268.4	259.1	246.7	211.9	156.6	109.4	*107.3*	69.2	48.1	37.5	30.8
12.5°	439.8	447.4	422.6	367.9	303.2	225.5	*210.4*	116.7	63.5	41.1	31.4
15°	595.8	594.0	580.1	535.4	460.7	357.3	*347.9*	202.8	91.0	46.9	32.0
17.5°	712.5	710.4	697.1	668.4	610.9	507.5	*499.4*	323.4	142.7	55.0	32.6
20°	835.5	832.8	814.1	791.1	740.9	652.9	*643.3*	458.3	223.4	68.3	32.6
22.5°	983.0	977.9	957.9	919.0	866.1	789.6	*780.8*	596.1	323.4	90.1	34.2
25°	1161.4	1152.6	1125.1	1090.0	1026.3	924.7	*915.3*	749.7	444.1	123.0	35.7
27.5°	1364.8	1366.3	1329.2	1269.9	1184.4	1080.7	*1063.1*	887.2	568.9	170.2	37.5
30°	1606.4	1591.2	1538.9	1470.0	1386.9	1254.8	*1237.9*	1024.2	709.2	239.7	40.5
32.5°	1832.5	1816.1	1745.7	1659.0	1569.8	1430.4	*1416.5*	1178.0	836.7	321.9	45.9
35°	2026.5	2015.0	1916.5	1810.7	1731.5	1607.0	*1602.7*	1349.7	986.7	410.5	52.0
37.5°	2197.3	2176.5	2049.8	1940.1	1859.7	1748.1	*1739.1*	1506.9	1131.2	513.3	61.1
40°	2343.0	2331.5	2177.1	2032.9	1967.6	1867.8	*1856.3*	1644.7	1280.5	632.7	72.2
42.5°	2499.0	2483.9	2334.0	2172.2	2051.9	1945.2	*1937.7*	1758.4	1413.5	763.9	88.9
45°	2675.2	2647.1	2515.6	2370.5	2187.7	2025.3	*2016.9*	1859.7	1549.8	904.7	109.1
47.5°	2863.6	2839.1	2732.7	2630.8	2420.4	2157.4	*2139.3*	1945.8	1685.3	1067.4	134.8
50°	3055.2	3055.8	2976.0	2927.1	2704.9	2372.1	*2346.4*	2072.5	1827.6	1241.5	172.9
52.5°	3278.3	3284.1	3282.8	3246.6	3074.3	2723.0	*2688.5*	2264.7	1993.0	1444.6	225.5
55°	3371.7	3382.0	3448.8	3529.2	3482.4	3168.0	*3131.1*	2596.3	2212.1	1671.0	303.5
57.5°	3295.2	3306.7	3398.9	3539.8	3647.4	3557.6	*3553.4*	3028.0	2500.8	1945.5	431.1
59°	*3204.2*	*3202.7*	*3297.4*	*3446.7*	*3591.8*	*3650.1*	*3656.2*	*3320.0*	*2752.3*	*2138.1*	*541.1*
60°	3143.8	3145.0	3207.9	3361.1	3515.3	3616.6	*3640.1*	3492.0	2899.2	2276.5	635.4
62.5°	2910.4	2924.3	2974.2	3116.6	3262.9	3375.9	*3416.2*	3645.3	3319.7	2603.6	963.4
65°	2656.8	2657.7	2728.7	2850.6	2990.8	3070.3	*3095.7*	3406.8	3600.5	2936.7	1393.5
67.5°	2204.3	2222.7	2303.4	2500.8	2686.1	2786.8	*2806.1*	2965.4	3484.2	3153.8	1609.1
70°	1542.6	1566.8	1681.9	1938.0	2214.0	2379.3	*2378.1*	2465.2	3066.4	3057.0	1364.2
72.5°	770.2	811.9	906.0	1180.1	1514.5	1774.1	*1828.8*	1983.0	2463.3	2539.2	1017.8
75°	340.4	342.8	396.3	534.4	752.7	1082.5	*1131.5*	1574.0	1889.9	1764.8	735.2
77.5°	198.0	199.8	209.5	240.0	305.0	530.5	*585.5*	1032.3	1335.5	1025.7	479.4
80°	71.9	73.8	73.5	91.0	133.6	208.9	*232.8*	500.3	890.8	540.2	251.2
82.5°	44.1	44.1	42.6	42.9	48.7	80.1	*87.7*	213.1	433.8	266.0	71.9
85°	21.8	23.0	24.5	27.5	32.6	39.6	*42.0*	61.1	146.0	64.4	17.2
87.5°	13.0	13.3	14.5	17.5	21.8	28.4	*30.2*	41.4	52.3	43.2	4.2
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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REPORT NUMBER: P1067006
CATALOG NUMBER: NAV-SA1B-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
2.5°	28.7	28.4	26.9	25.7	24.5	23.3	22.4	21.5	21.5	21.8	21.5
5°	28.7	27.5	25.1	23.0	21.2	19.6	18.1	16.9	16.6	16.6	16.9
7.5°	28.4	26.9	23.6	20.9	18.4	16.3	14.8	13.3	13.0	13.3	13.0
10°	28.1	26.3	22.4	19.0	15.7	13.6	11.5	10.0	10.0	10.0	10.3
12.5°	28.1	25.4	21.2	17.2	13.6	11.2	9.1	7.6	7.3	7.3	7.3
15°	27.8	24.8	20.0	15.1	11.5	8.5	6.7	5.1	5.1	5.1	5.1
17.5°	27.2	23.9	18.4	13.3	9.1	6.3	4.5	3.0	3.0	3.6	3.6
20°	26.6	23.0	16.6	10.9	7.6	4.8	3.0	1.8	1.8	2.7	3.0
22.5°	26.9	23.0	15.4	9.7	6.0	3.6	2.4	1.5	1.2	2.1	2.7
25°	27.2	22.4	13.9	8.5	4.5	2.7	1.8	0.6	0.3	0.6	0.9
27.5°	27.2	21.8	12.1	6.7	3.3	2.1	0.9	0.0	0.0	0.0	0.0
30°	26.9	20.9	10.6	5.4	2.4	1.2	0.3	0.0	0.0	0.0	0.0
32.5°	26.6	20.0	9.7	4.2	2.1	0.6	0.0	0.0	0.0	0.0	0.0
35°	26.9	18.7	8.5	3.3	1.2	0.0	0.0	0.0	0.0	0.0	0.6
37.5°	27.8	17.5	7.3	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	29.0	16.6	6.0	2.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.4	16.6	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	34.5	16.6	4.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	38.4	16.9	3.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	43.2	17.5	3.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	46.9	16.9	3.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	53.2	16.3	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	61.7	15.4	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*70.1*	*14.2*	*3.0*	*0.3*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	79.8	13.6	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	131.8	12.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	254.5	11.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	411.4	11.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	432.6	11.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	287.8	9.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	154.2	8.5	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	83.1	7.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.6	5.7	1.5	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.5	3.9	1.8	1.5	1.2	0.6	0.0	0.0	0.0	0.0	0.0
85°	7.0	3.0	2.4	2.1	1.5	0.9	0.0	0.0	0.0	0.0	0.0
87.5°	3.3	3.0	2.7	2.4	2.1	1.5	0.3	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: SP1-2407-184-5

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

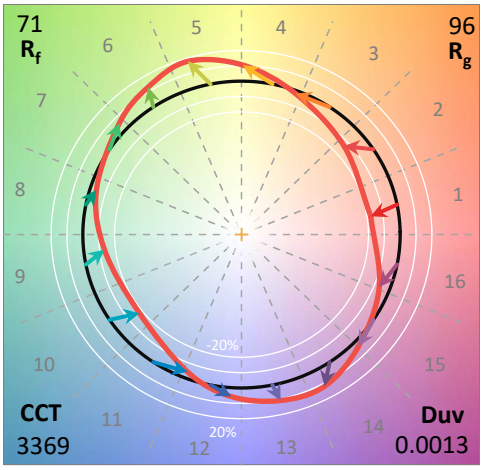
Test Information

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

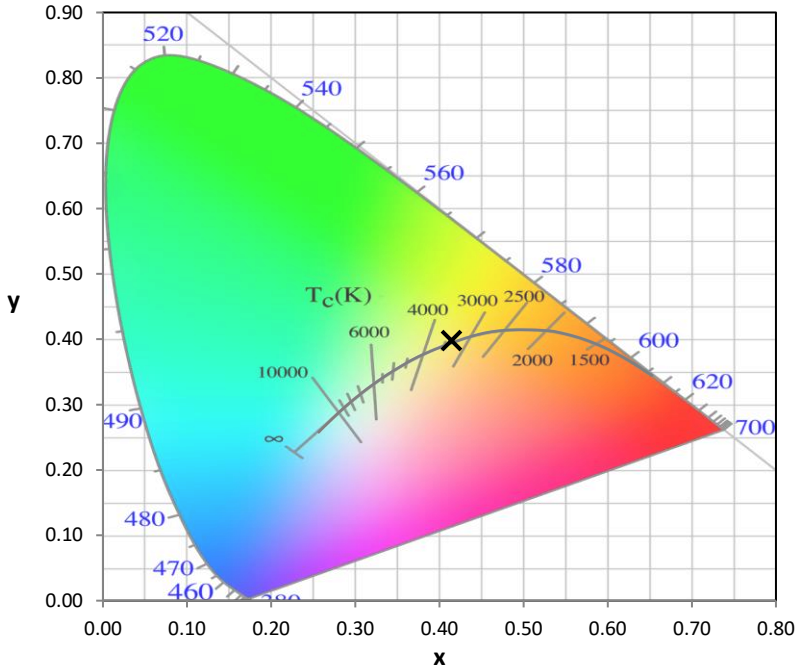
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

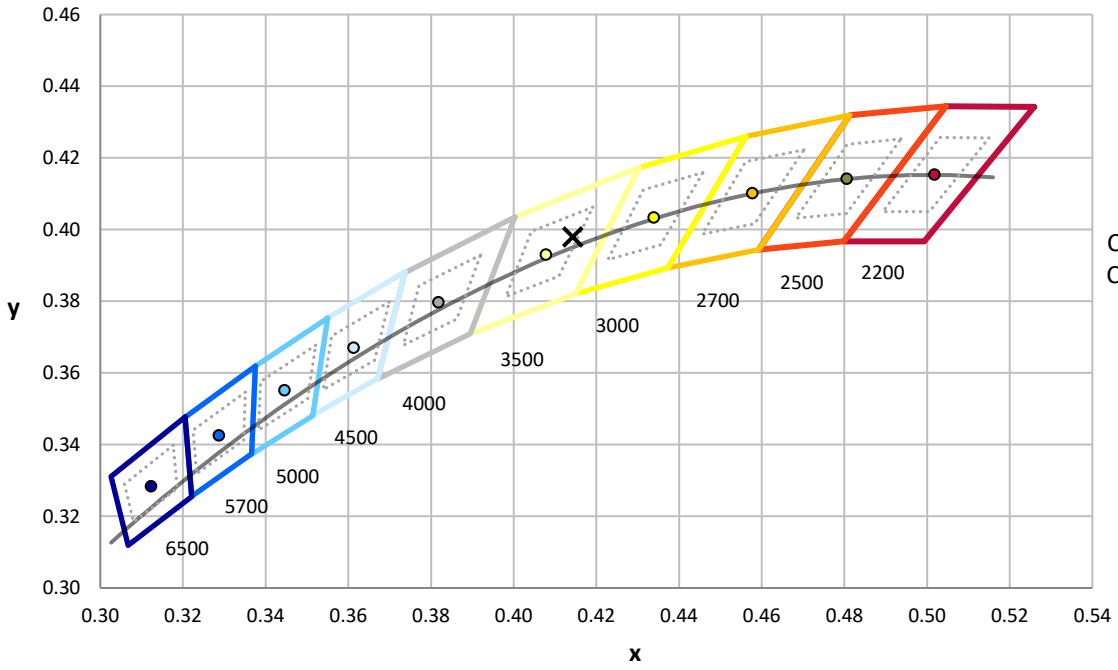
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

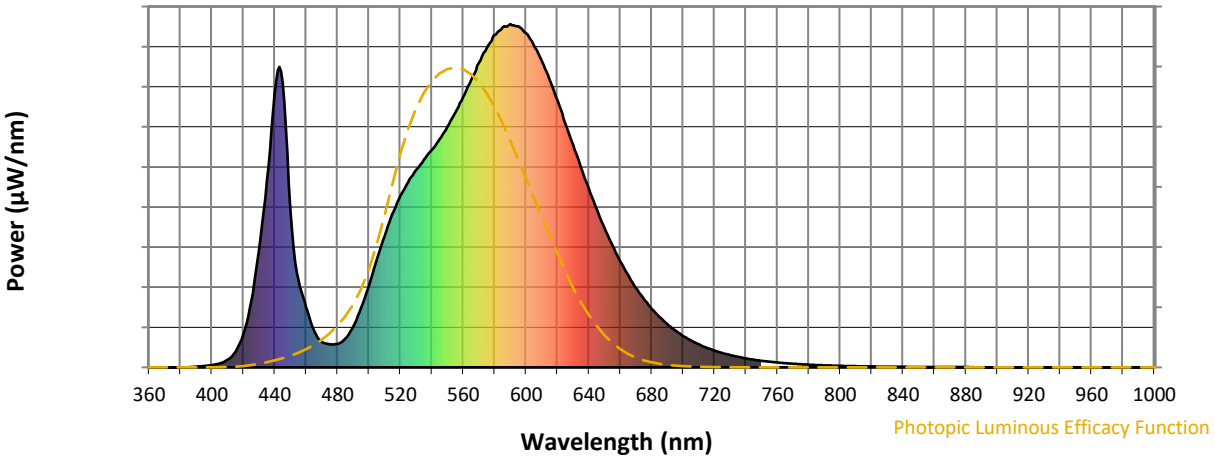


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

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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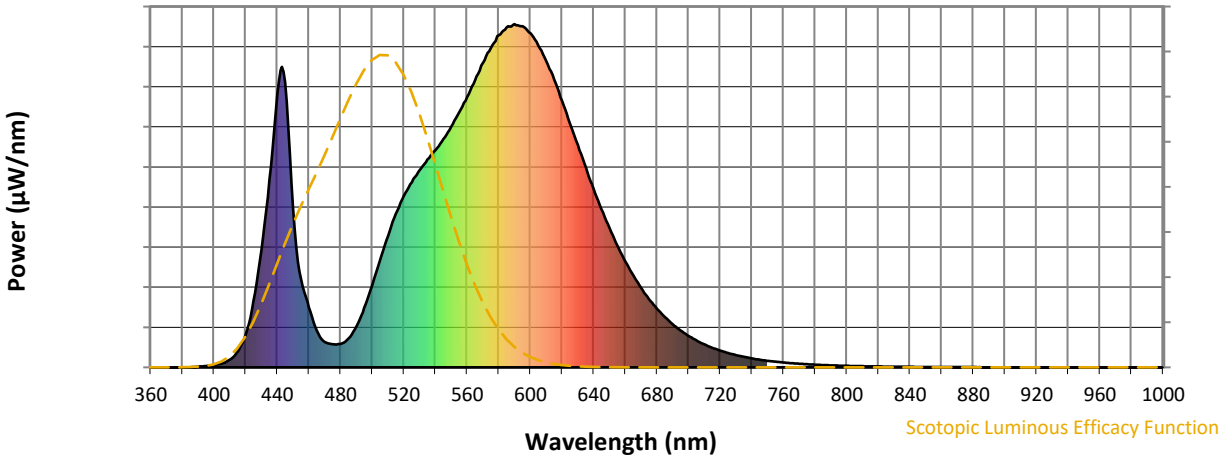
Scotopic Flux vs. Wavelength



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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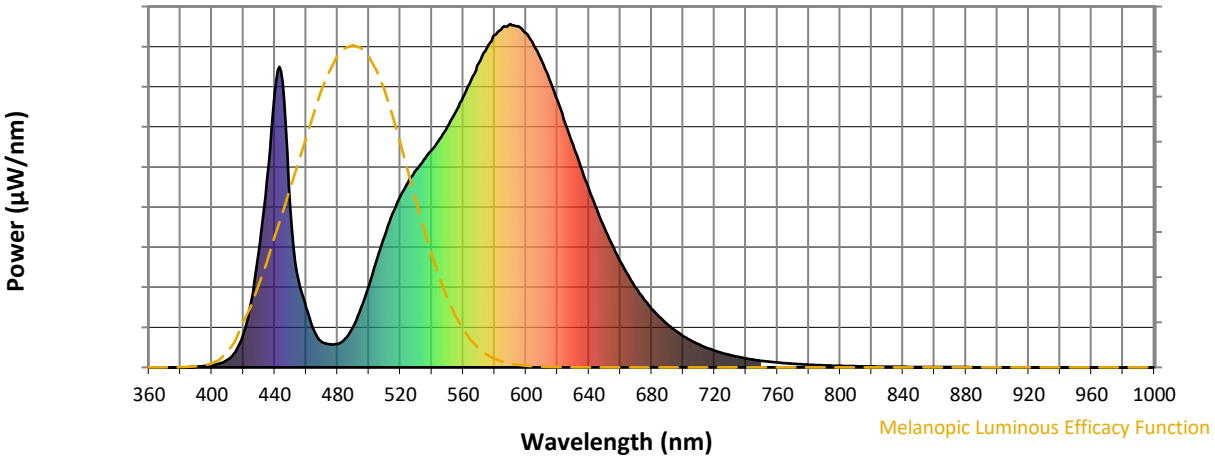
Melanopic Flux vs. Wavelength



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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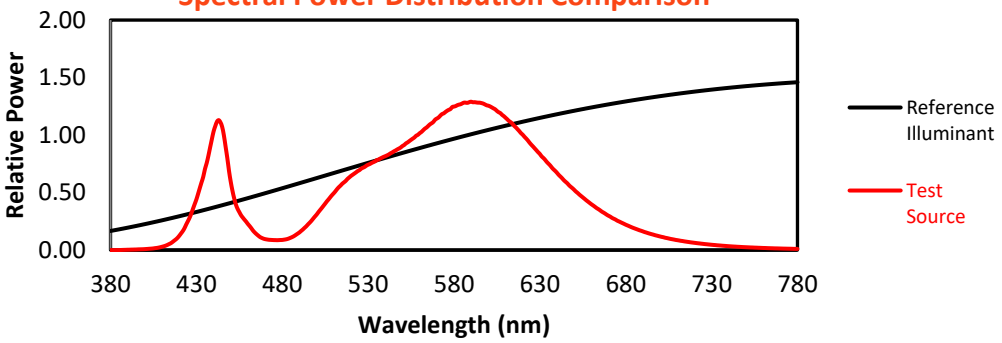
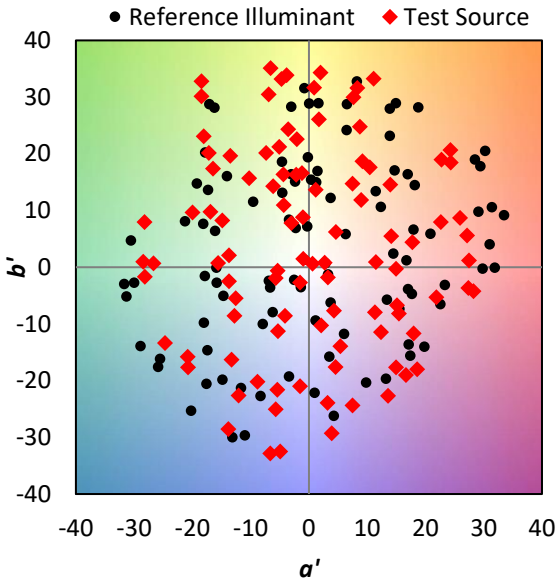
Summary

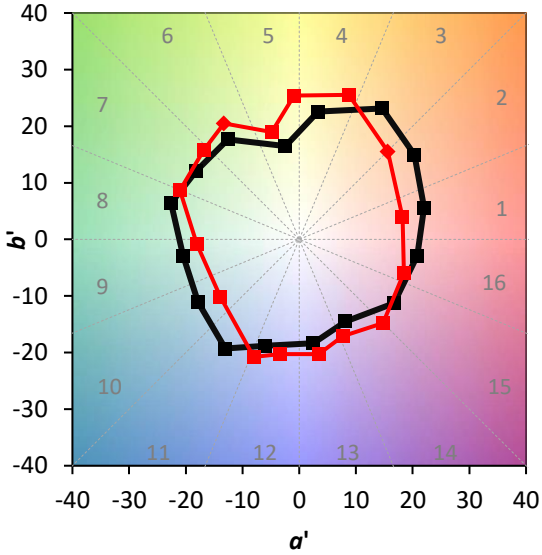
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

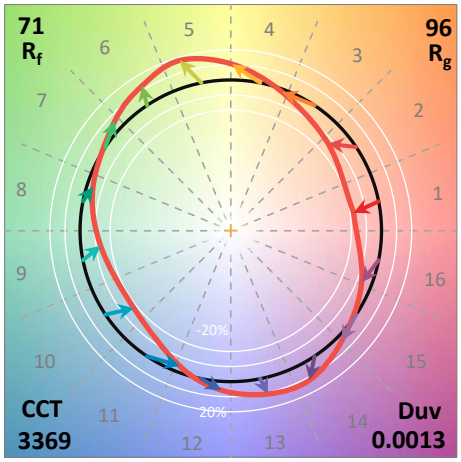
Spectral Power Distribution Comparison

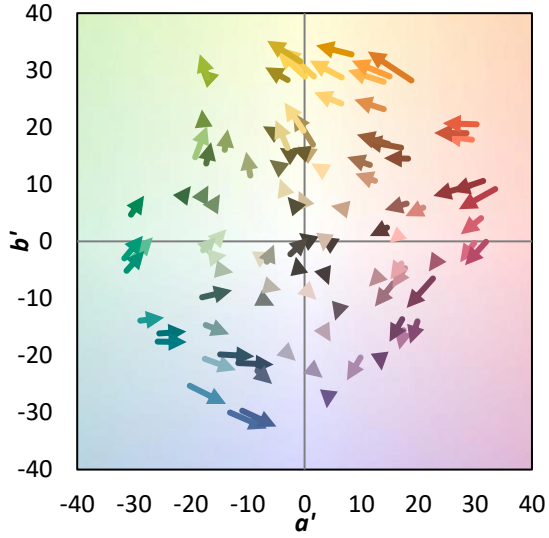


Color Vector Graphics









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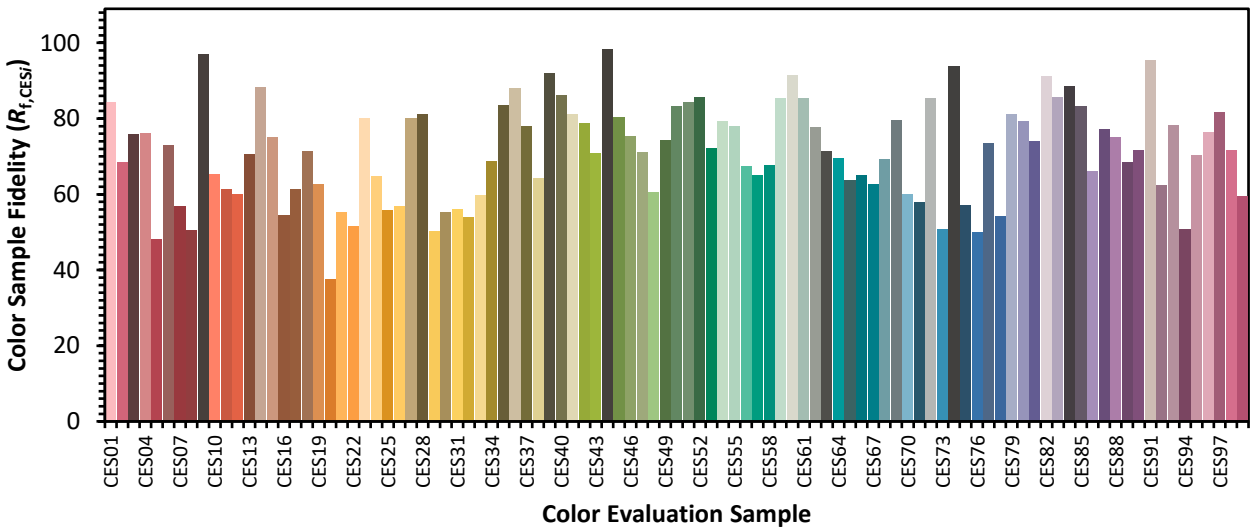
Individual Sample Fidelity Index ($R_{f,i}$)

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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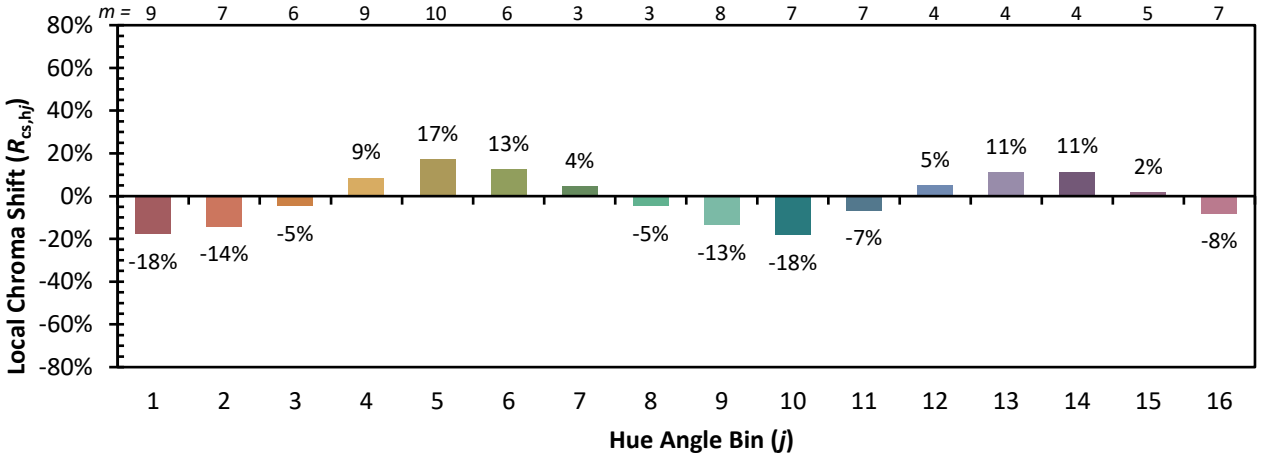
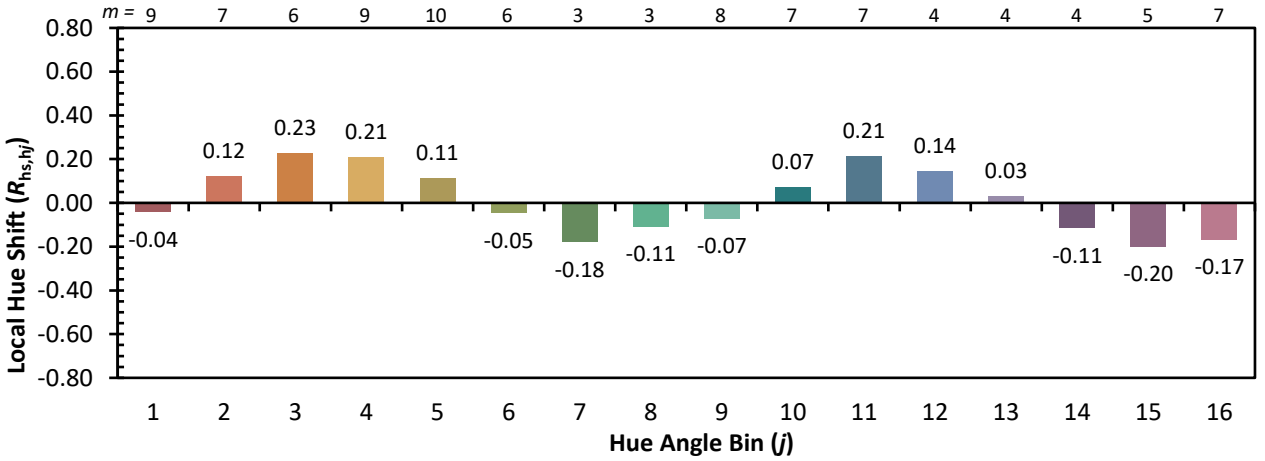
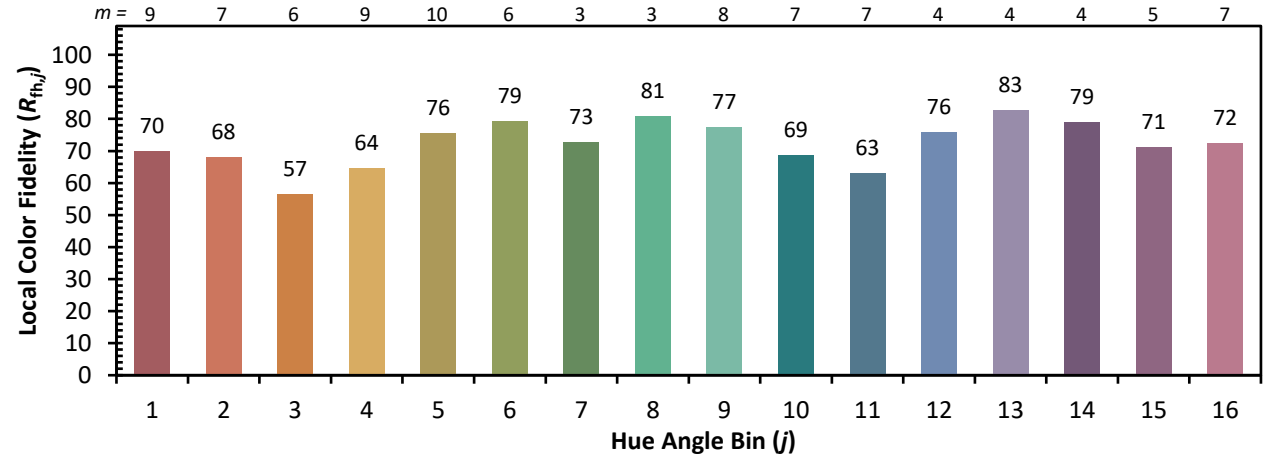
Color Rendition by Hue-Angle Bin







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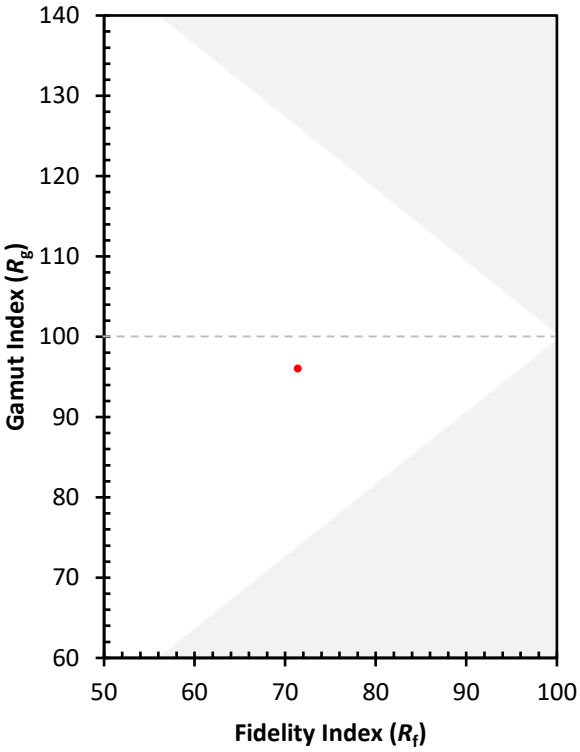
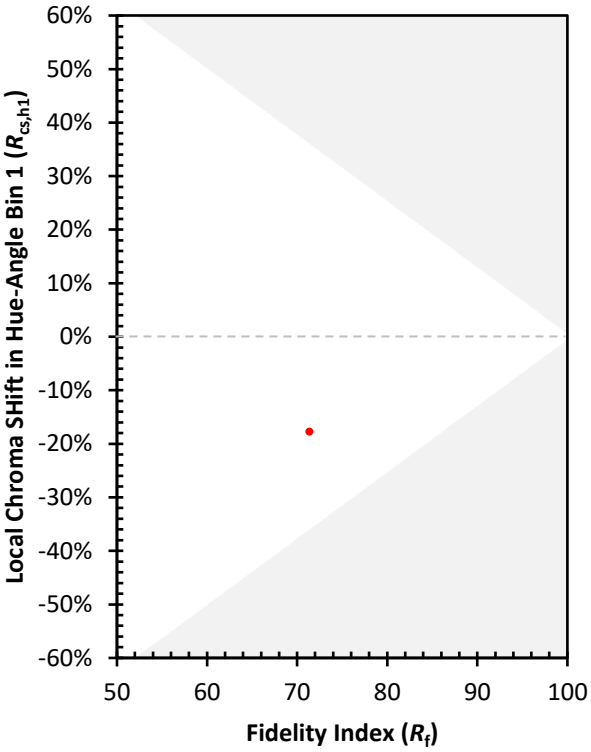
Measure Comparisons





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