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: P1067261

Luminaire Tested: **NAV-SA5A-735-U-T2BC**

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:	P1067261
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA5A-735-U-T2BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE 70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	16241.3 lumens
Efficiency:	N/A
Efficacy:	118.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

Input Watts (W):	137.4
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: P1067261
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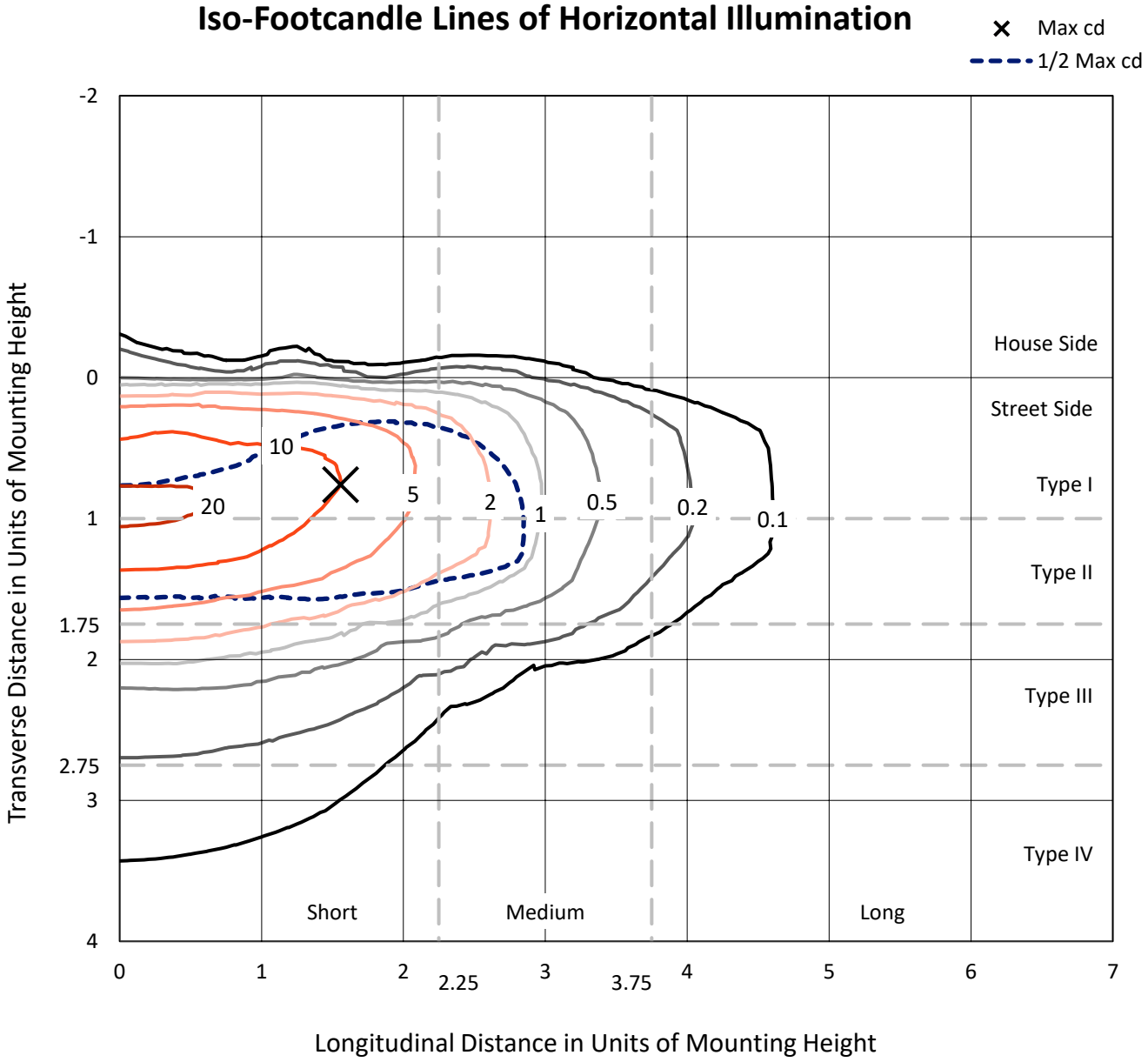
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 23.3 fc
Type II - Short - N/A

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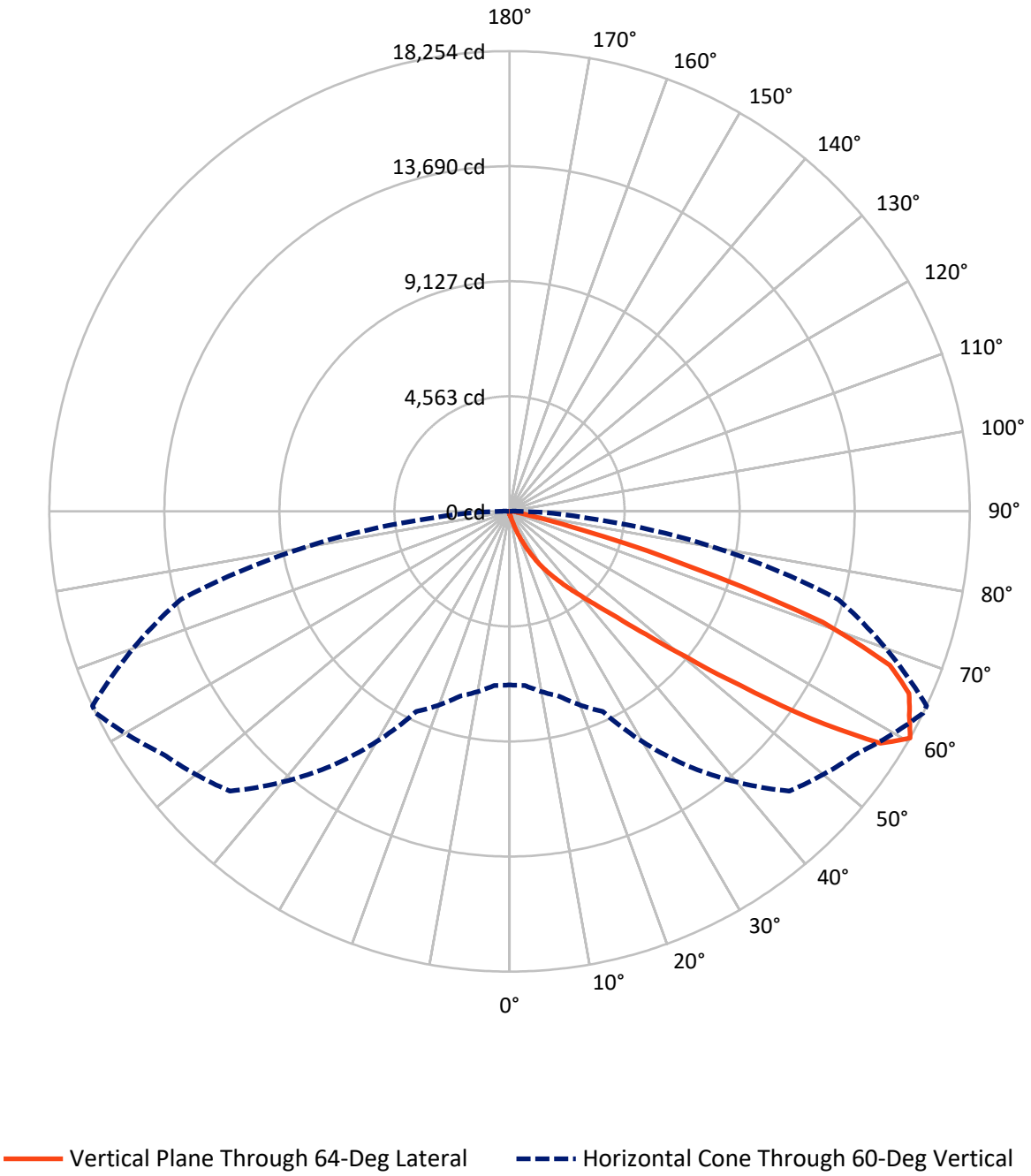
Luminous Intensity Polar Plot



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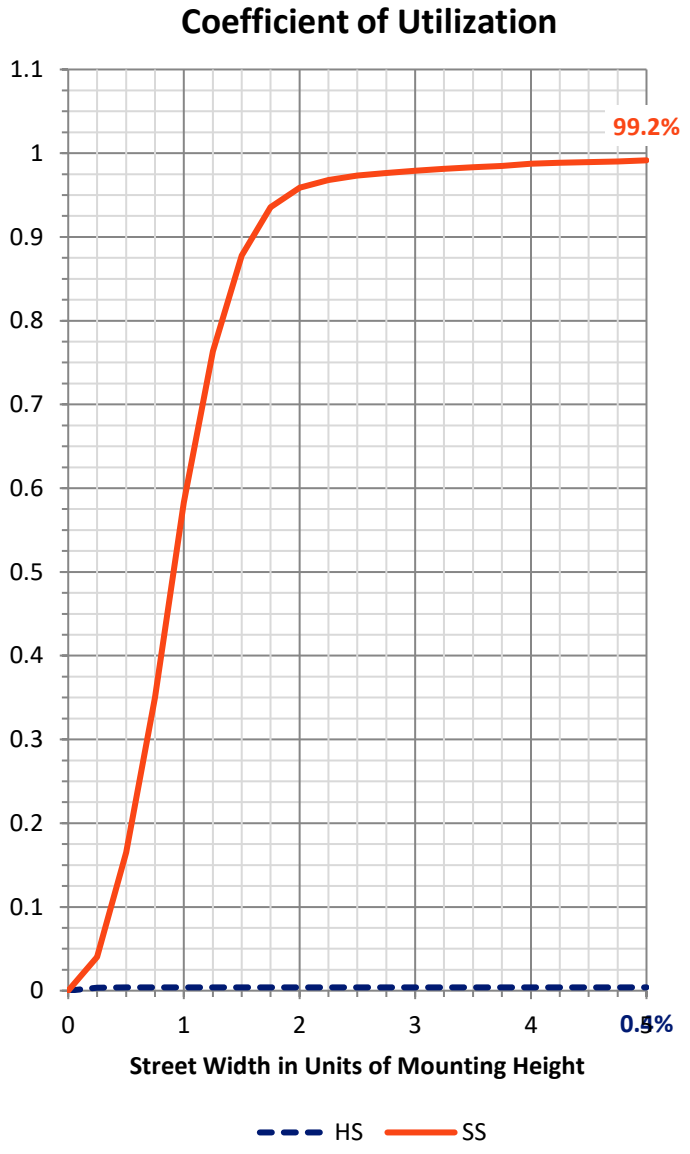
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	65.8	0.0	65.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16175.4	0.0	16175.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	16241.3	0.0	16241.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	0.1
10°-20°	159.6	1.0
20°-30°	530.1	3.3
30°-40°	1414.4	8.7
40°-50°	3595.1	22.1
50°-60°	5240.8	32.3
60°-70°	4048.0	24.9
70°-80°	1111.7	6.8
80°-90°	125.5	0.8
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°	16241.3	100.0
0°-180°	16241.3	100.0



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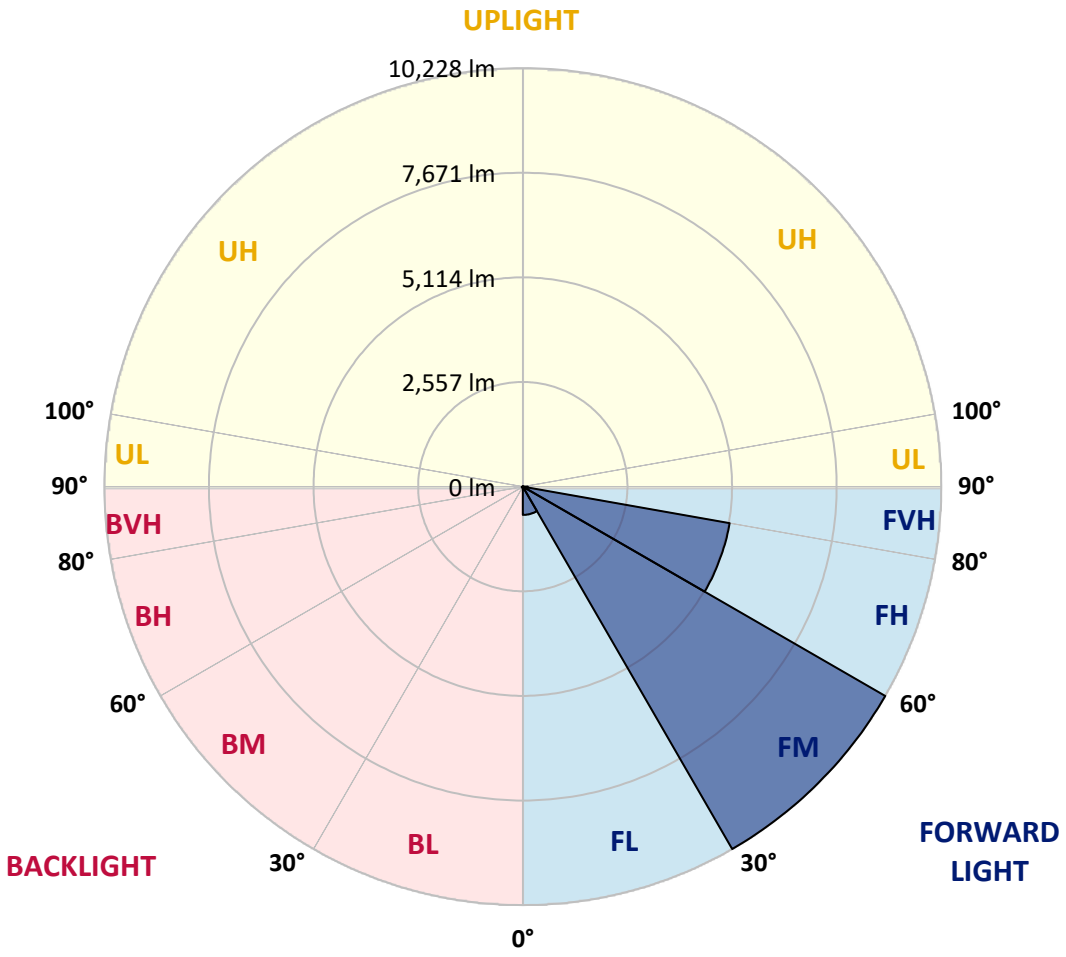
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	691.1	4.3			
FM	(30°-60°)	10228.5	63.0			
FH	(60°-80°)	5133.4	31.6			G3/7500
FVH	(80°-90°)	122.5	0.8			G2/225
BL	(0°-30°)	14.8	0.1	B0/110		
BM	(30°-60°)	21.8	0.1	B0/220		
BH	(60°-80°)	26.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	107.3	107.3	107.3	107.3	107.3	107.3	107.3	*107.3*	107.3	107.3	107.3
2.5°	143.1	143.1	143.1	138.6	134.1	134.1	129.6	*125.2*	125.2	116.2	111.8
5°	219.1	219.1	210.1	201.2	187.8	169.9	152.0	*138.6*	138.6	125.2	116.2
7.5°	429.2	442.6	402.4	353.2	286.1	241.4	192.2	*160.9*	156.5	134.1	116.2
10°	929.9	921.0	858.4	737.7	581.2	420.2	268.2	*196.7*	187.8	143.1	116.2
12.5°	1399.3	1412.7	1345.7	1211.5	1023.8	746.6	460.5	*254.8*	245.9	156.5	116.2
15°	1801.7	1801.7	1757.0	1689.9	1484.3	1193.7	742.1	*380.0*	348.7	169.9	111.8
17.5°	2078.9	2074.4	2056.5	2038.6	1917.9	1618.4	1135.5	*608.0*	536.5	201.2	111.8
20°	2391.8	2378.4	2400.7	2365.0	2271.1	2034.1	1551.3	*903.1*	836.0	254.8	111.8
22.5°	2718.2	2731.6	2749.4	2713.7	2610.9	2405.2	1989.4	*1283.1*	1211.5	353.2	116.2
25°	3133.9	3125.0	3165.2	3133.9	3004.3	2762.9	2400.7	*1698.8*	1596.0	491.8	125.2
27.5°	3643.6	3625.7	3652.5	3572.0	3402.2	3156.3	2767.3	*2123.6*	2002.8	706.4	143.1
30°	4318.6	4332.1	4211.3	4117.5	3876.0	3549.7	3174.2	*2579.6*	2454.4	961.2	160.9
32.5°	5382.7	5288.8	5101.0	4721.0	4403.6	3987.8	3581.0	*2977.4*	2865.7	1287.5	187.8
35°	7041.3	7059.1	6647.8	5709.0	5020.5	4537.7	4028.1	*3415.6*	3335.1	1658.6	223.5
37.5°	9062.0	9012.8	8650.7	7466.0	5923.6	5221.7	4537.7	*3893.9*	3777.7	2061.0	268.2
40°	11351.0	11145.3	10935.2	10130.5	7805.7	6080.1	5181.5	*4448.3*	4358.9	2525.9	339.8
42.5°	13183.9	13130.3	13166.1	12830.8	10944.1	7542.0	6035.4	*5127.8*	5020.5	3102.6	464.9
45°	14087.0	14011.0	14225.6	14475.9	13993.1	10653.5	7412.3	*5995.1*	5852.1	3782.2	657.2
47.5°	13845.6	13791.9	14252.4	14744.2	15388.0	14261.4	9661.1	*7291.6*	7045.7	4653.9	943.3
50°	12656.4	12660.9	13416.4	14332.9	15352.2	16089.9	12991.7	*9066.5*	8758.0	5811.8	1390.4
52.5°	11498.5	11534.3	12334.5	13671.2	14820.2	16304.4	15915.5	*11458.3*	10957.6	7175.4	1917.9
55°	10309.3	10327.2	11033.6	12915.7	14569.8	15665.1	17417.6	*14538.5*	14006.5	8874.2	2432.0
57.5°	9164.8	9164.8	9428.6	11100.6	14297.1	15607.0	17238.8	*17355.0*	16921.4	10814.5	2812.0
60°	*6884.8*	*6929.5*	*7586.7*	*8758.0*	*12330.0*	*15692.0*	*16782.8*	*18253.6*	*18253.6*	*13505.8*	*3102.6*
62.5°	3478.2	3545.2	4363.3	5503.4	8458.5	14520.7	16854.3	*17802.1*	17873.6	15879.7	3764.3
65°	1631.8	1707.8	2145.9	2950.6	4551.1	10219.9	16112.2	*17417.6*	17395.3	15428.2	5159.1
67.5°	1171.3	1193.7	1341.2	1721.2	2449.9	4479.6	12298.7	*16268.7*	16277.6	13107.9	5932.5
70°	1050.6	1050.6	1086.4	1198.1	1475.3	2002.8	5977.3	*13175.0*	13814.3	10121.5	5498.9
72.5°	1037.2	1028.2	1019.3	1023.8	997.0	1005.9	2052.0	*7439.2*	8351.2	7081.5	4385.7
75°	1010.4	1010.4	1001.4	970.1	795.8	648.2	706.4	*3008.7*	3478.2	4729.9	3254.6
77.5°	800.2	880.7	974.6	916.5	728.7	487.3	411.3	*871.8*	1099.8	2901.4	2360.5
80°	371.1	375.5	371.1	388.9	464.9	348.7	304.0	*424.7*	429.2	1609.4	1461.9
82.5°	268.2	272.7	259.3	232.5	205.6	187.8	250.4	*312.9*	335.3	737.7	545.4
85°	80.5	76.0	89.4	120.7	143.1	165.4	210.1	*263.8*	277.2	272.7	80.5
87.5°	35.8	35.8	44.7	62.6	84.9	125.2	183.3	*241.4*	245.9	281.7	22.4
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: NAV-SA5A-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3	107.3
2.5°	111.8	107.3	102.8	98.4	93.9	89.4	84.9	84.9	89.4	89.4	89.4
5°	107.3	102.8	93.9	84.9	80.5	76.0	71.5	71.5	76.0	76.0	76.0
7.5°	107.3	98.4	89.4	80.5	71.5	67.1	62.6	62.6	62.6	67.1	67.1
10°	107.3	98.4	84.9	71.5	62.6	58.1	53.6	49.2	53.6	53.6	53.6
12.5°	102.8	93.9	80.5	67.1	53.6	44.7	40.2	40.2	40.2	40.2	40.2
15°	98.4	89.4	76.0	58.1	44.7	35.8	26.8	26.8	26.8	31.3	31.3
17.5°	93.9	84.9	67.1	44.7	31.3	22.4	17.9	17.9	17.9	22.4	22.4
20°	93.9	80.5	58.1	35.8	22.4	13.4	8.9	8.9	8.9	13.4	17.9
22.5°	93.9	80.5	53.6	26.8	13.4	8.9	4.5	4.5	4.5	4.5	4.5
25°	93.9	76.0	49.2	22.4	8.9	4.5	0.0	0.0	4.5	8.9	13.4
27.5°	93.9	71.5	40.2	13.4	8.9	4.5	0.0	4.5	8.9	8.9	8.9
30°	93.9	71.5	35.8	13.4	4.5	0.0	0.0	4.5	8.9	8.9	13.4
32.5°	98.4	67.1	31.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	102.8	62.6	26.8	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	111.8	62.6	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	125.2	67.1	17.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	156.5	71.5	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	219.1	89.4	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	321.9	134.1	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	469.4	183.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	576.7	183.3	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	572.2	116.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	438.1	80.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	*371.1*	*58.1*	*4.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	447.1	44.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	795.8	40.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1278.6	40.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1430.6	40.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1117.7	35.8	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	612.5	31.3	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	308.5	22.4	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	129.6	17.9	8.9	4.5	4.5	4.5	0.0	0.0	0.0	0.0	0.0
82.5°	44.7	17.9	8.9	8.9	4.5	4.5	0.0	0.0	0.0	0.0	0.0
85°	22.4	13.4	13.4	8.9	8.9	4.5	4.5	0.0	0.0	0.0	0.0
87.5°	13.4	13.4	13.4	8.9	8.9	4.5	4.5	0.0	0.0	0.0	4.5
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

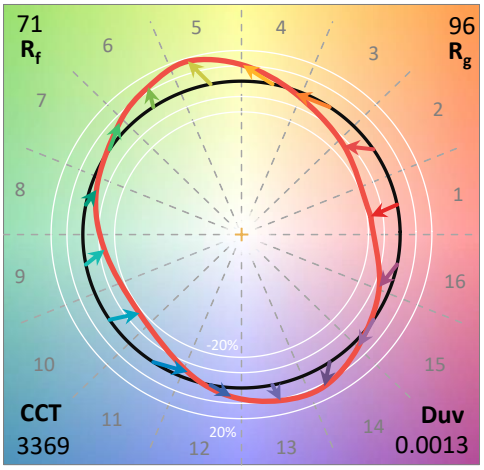
Test Information

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

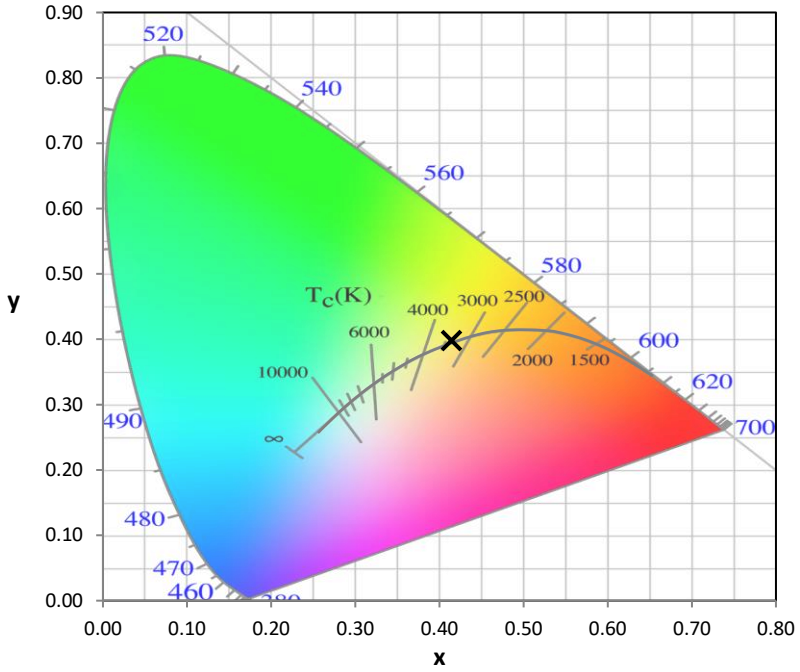
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

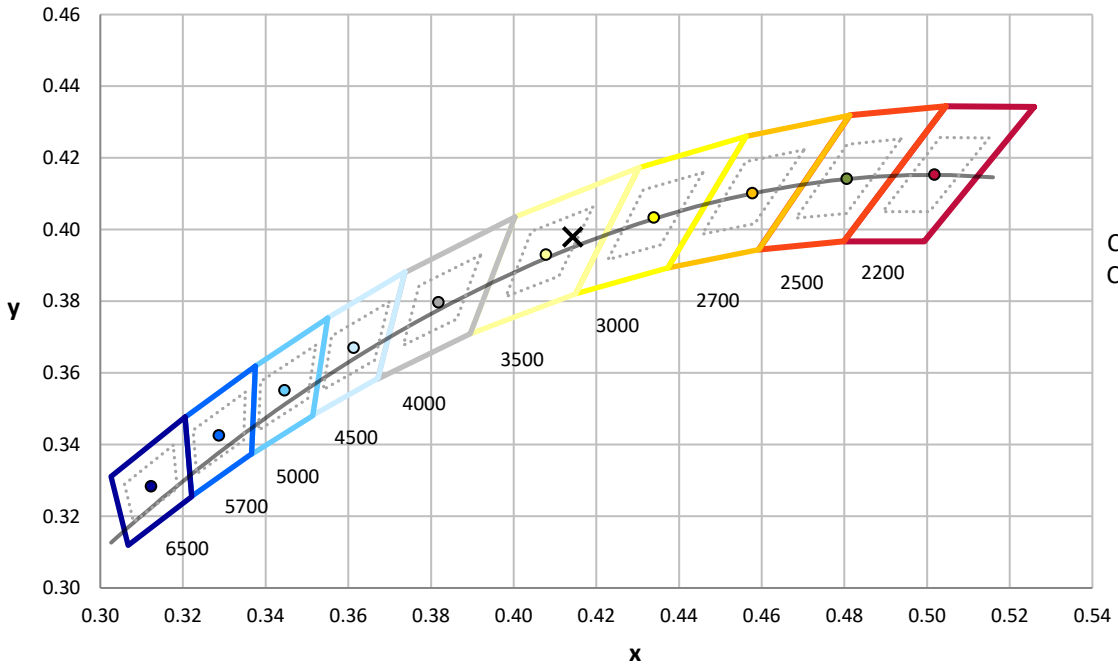
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

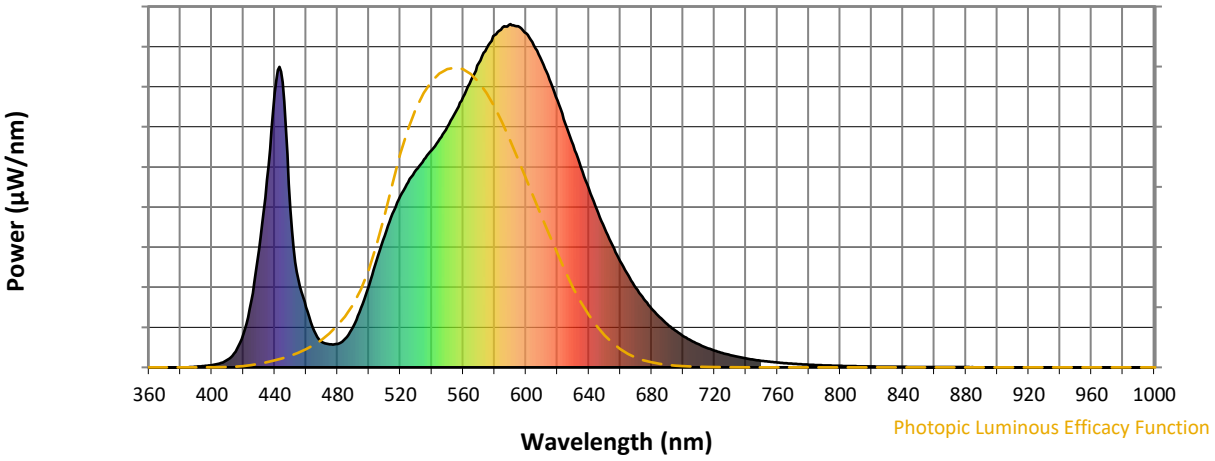


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

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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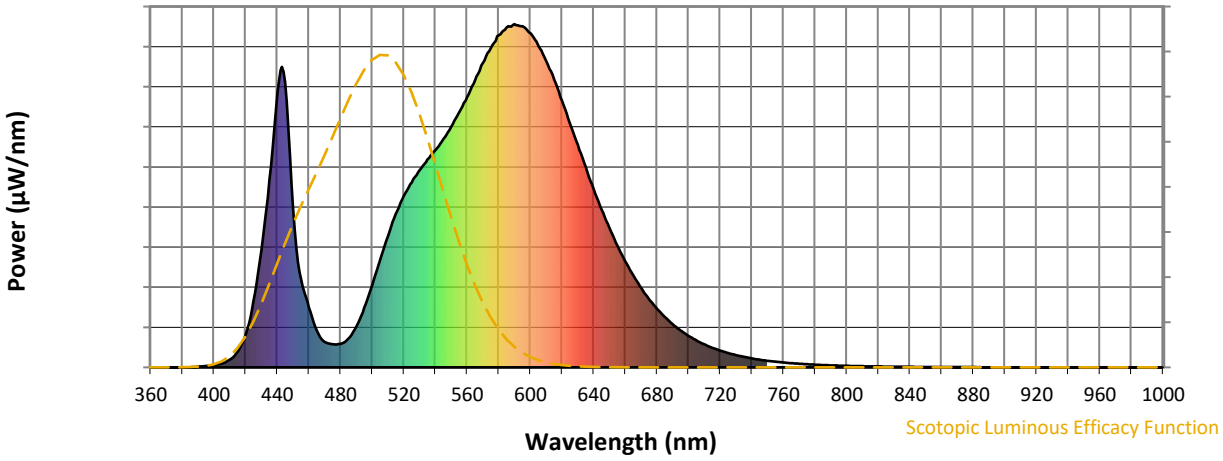
Scotopic Flux vs. Wavelength



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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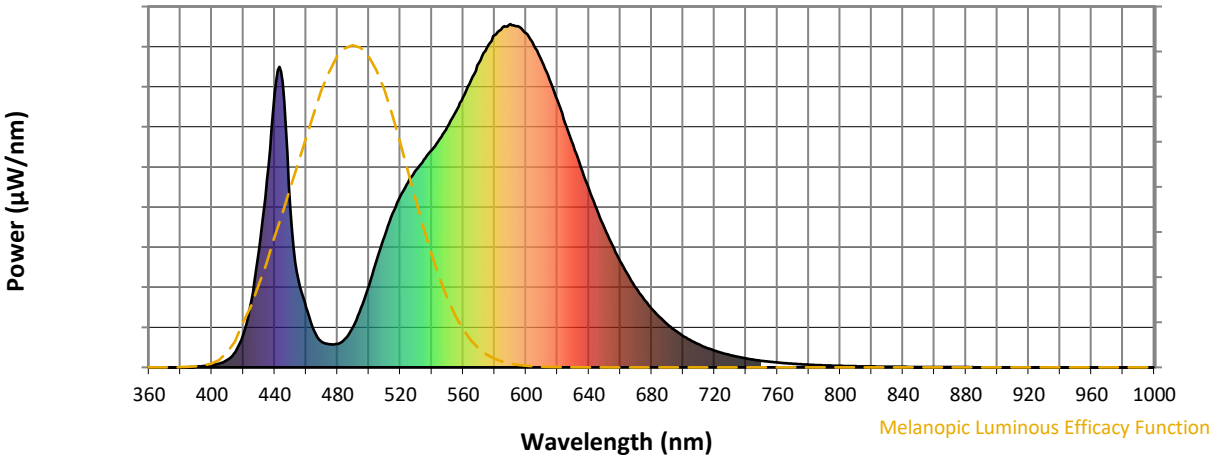
Melanopic Flux vs. Wavelength



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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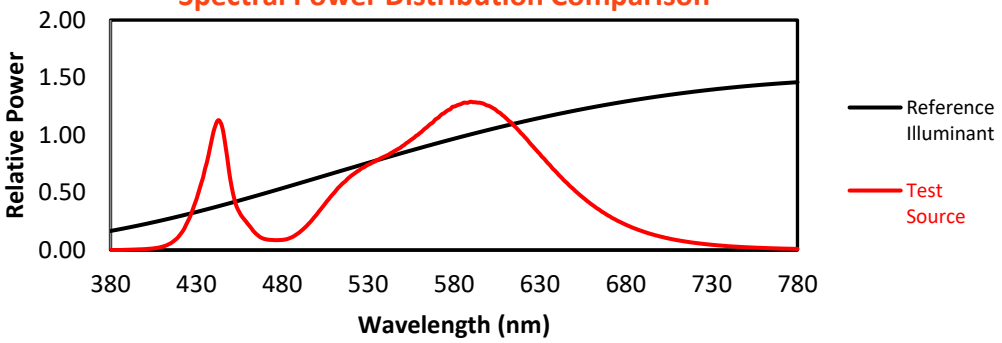
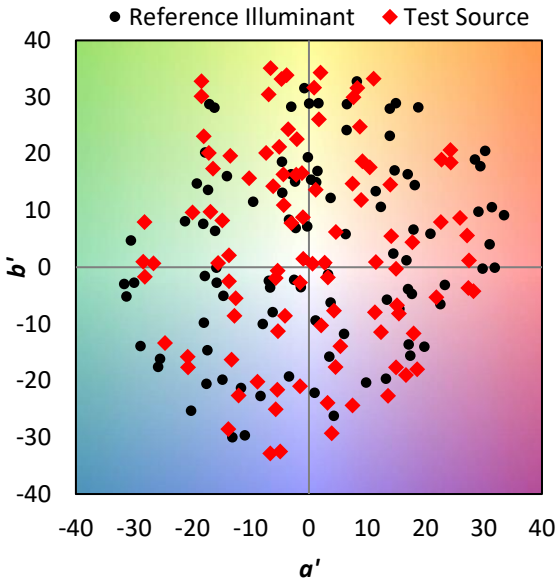
Summary

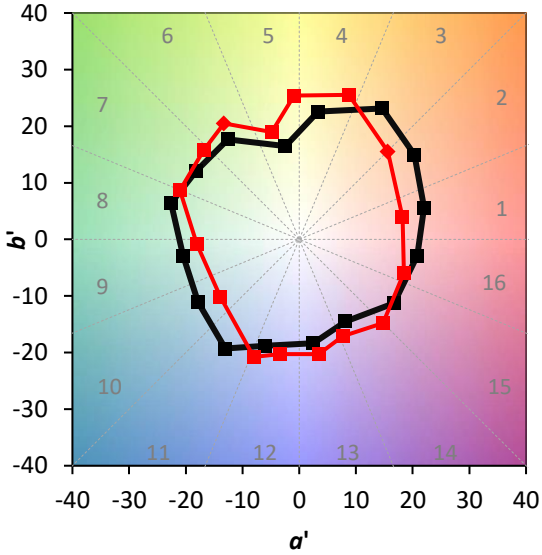
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

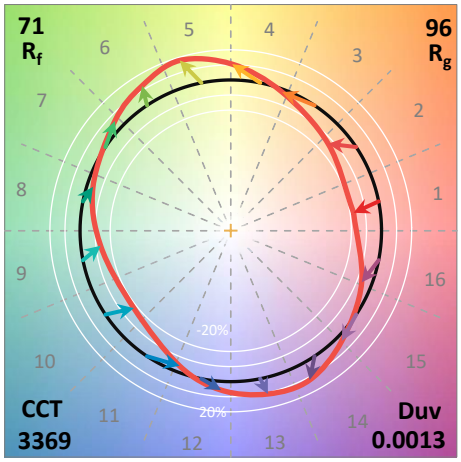
Spectral Power Distribution Comparison

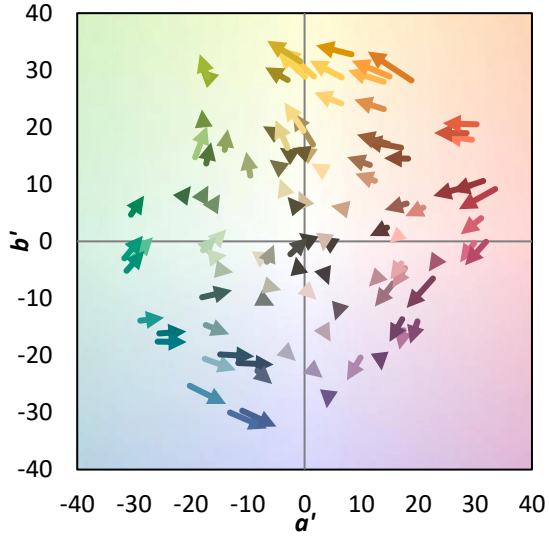


Color Vector Graphics









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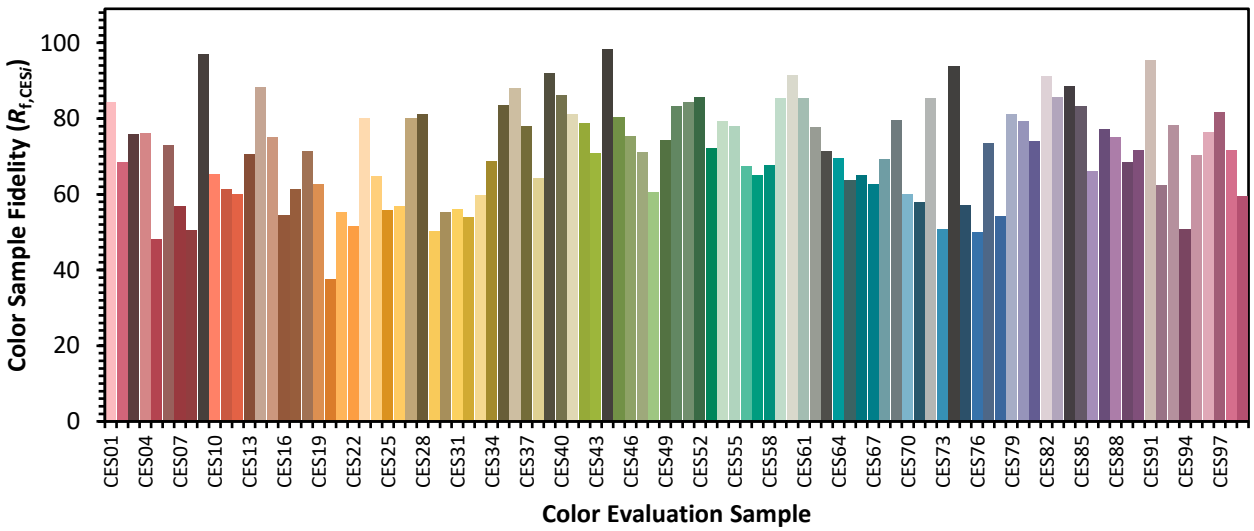
Individual Sample Fidelity Index ($R_{f,i}$)

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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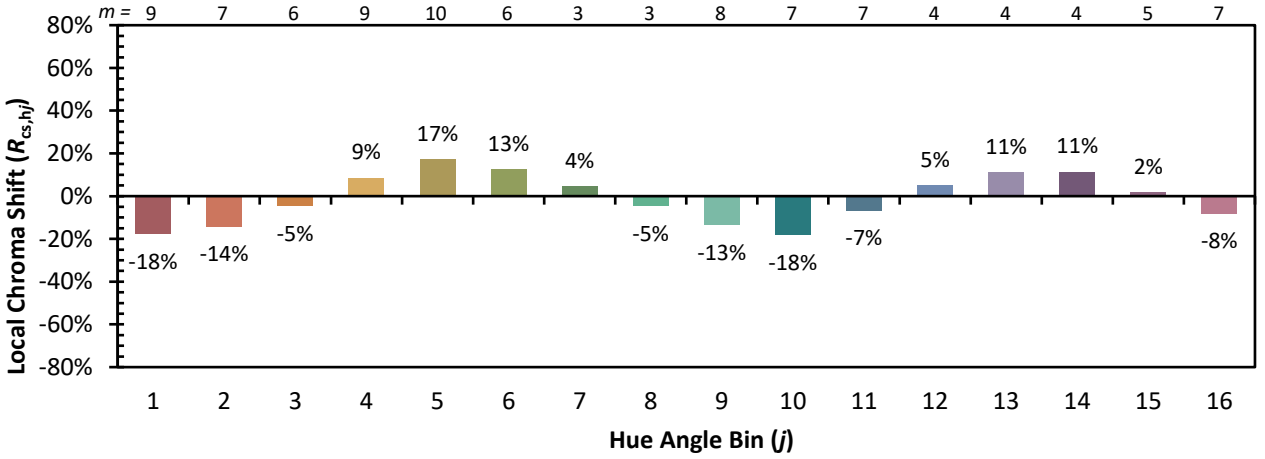
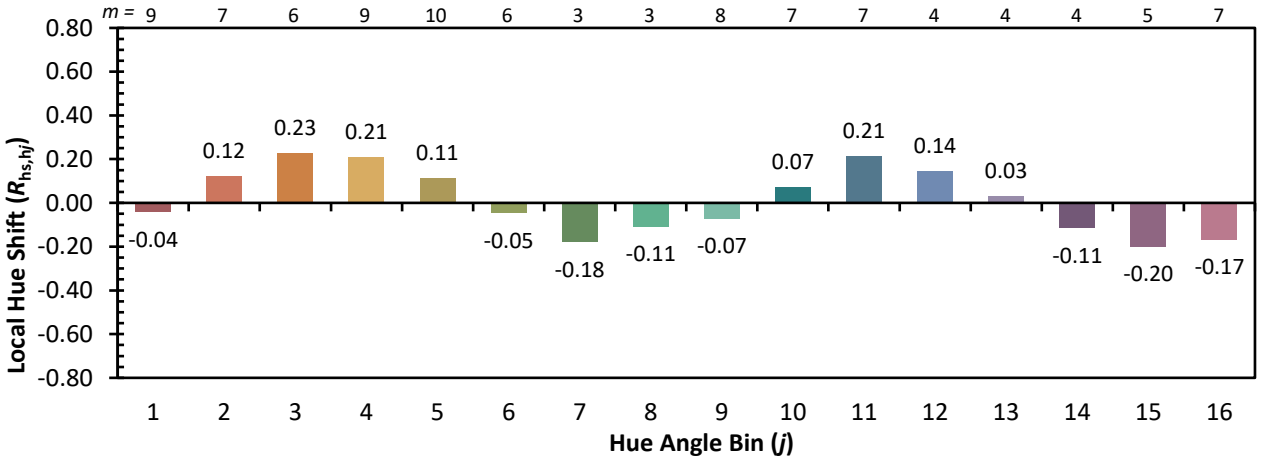
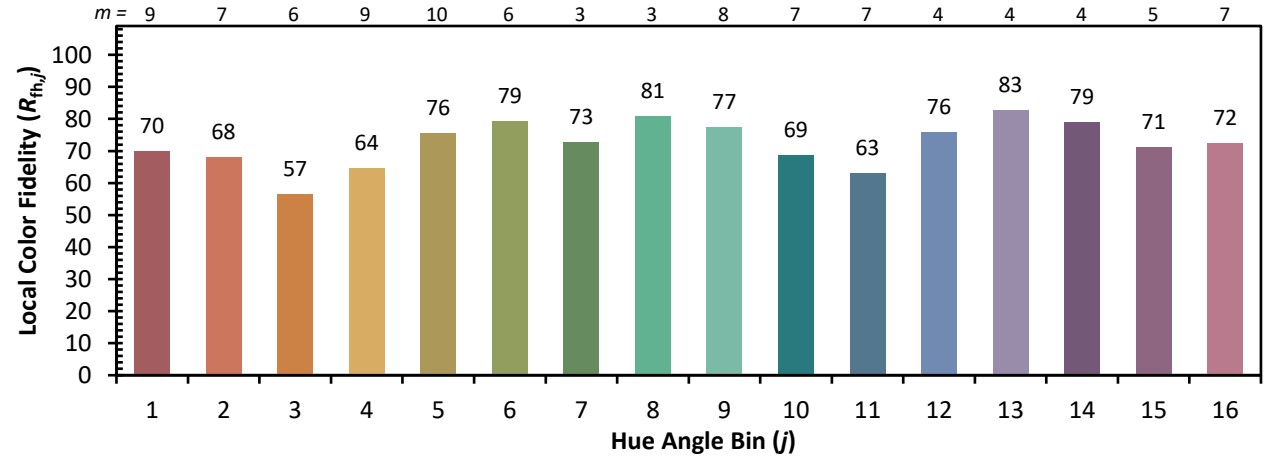
Color Rendition by Hue-Angle Bin







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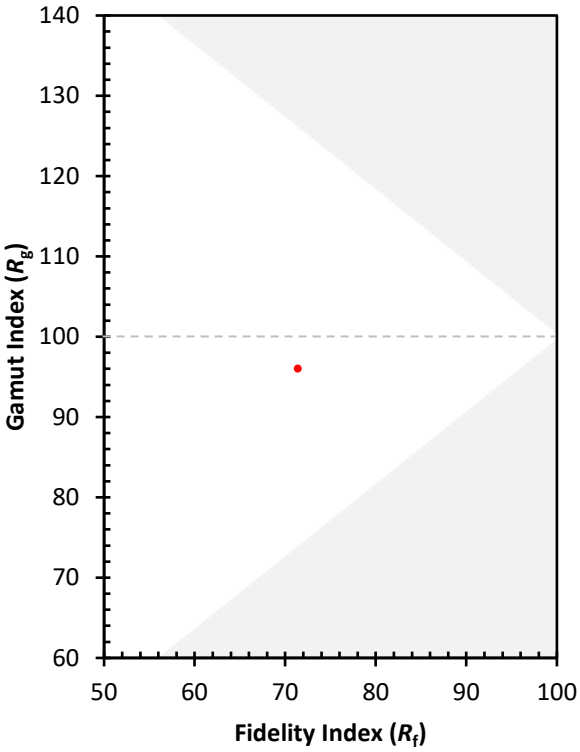
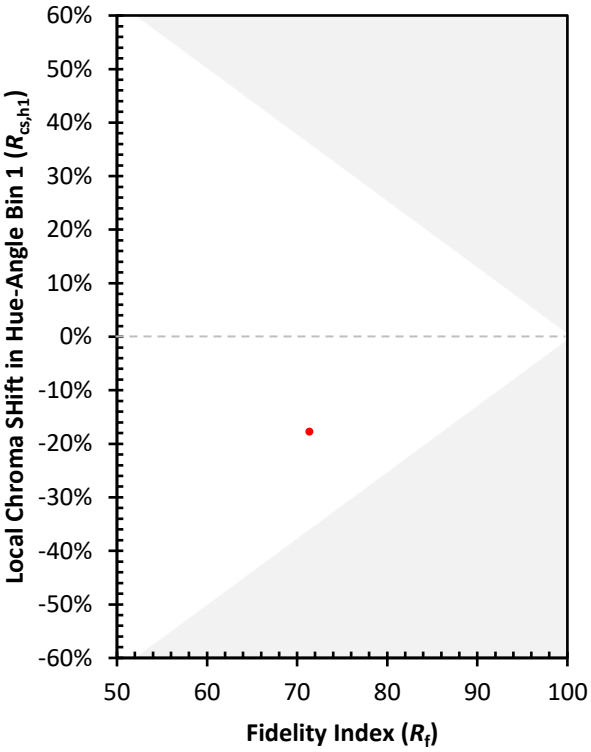
Measure Comparisons





(END OF REPORT)