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: P1067002

Luminaire Tested: **NAV-SA6B-730-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:	P1067002
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA6B-730-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	25410.6 lumens
Efficiency:	N/A
Efficacy:	120.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	211
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: P1067002
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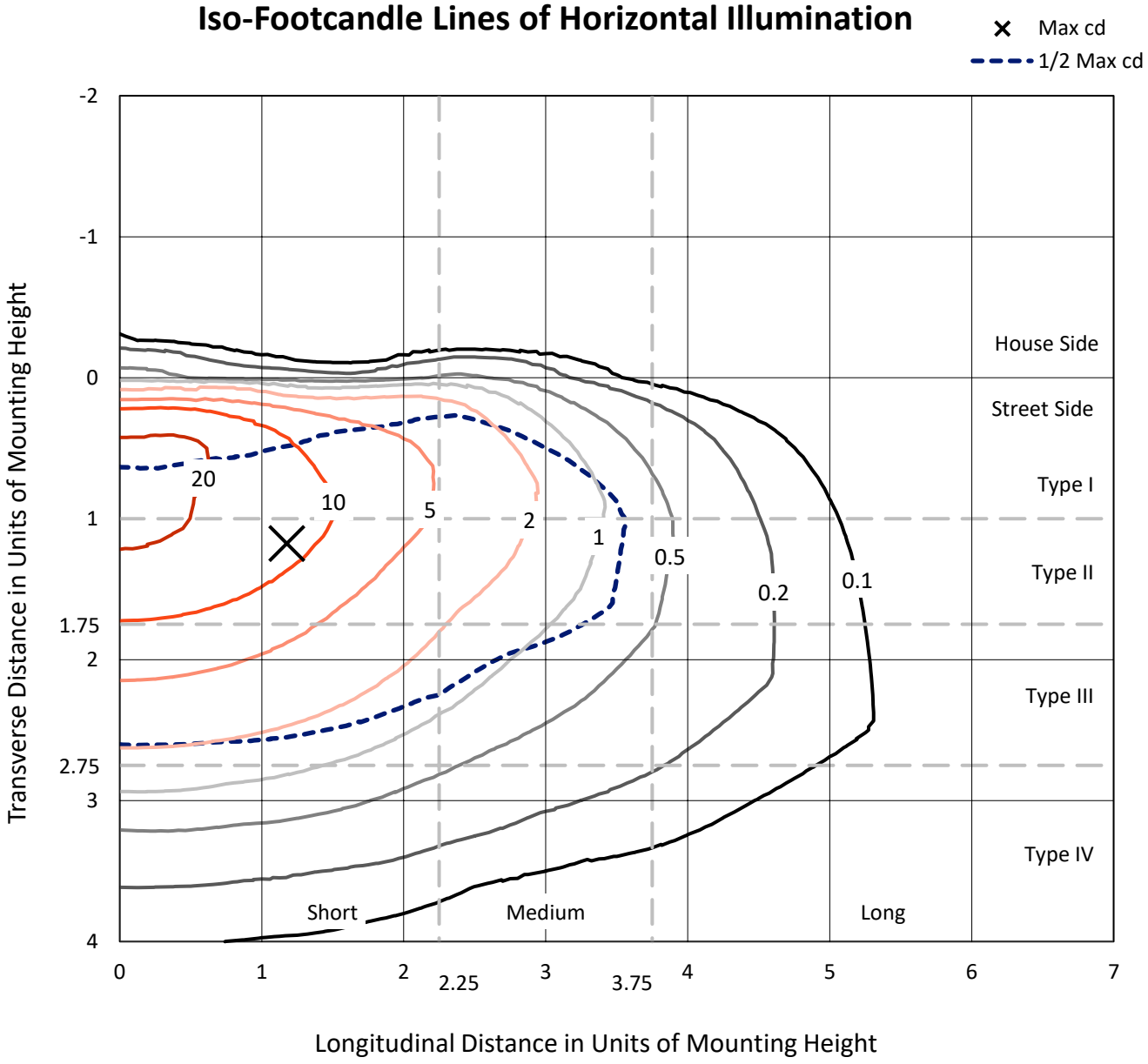
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 27.7 fc
Type III - Short - N/A

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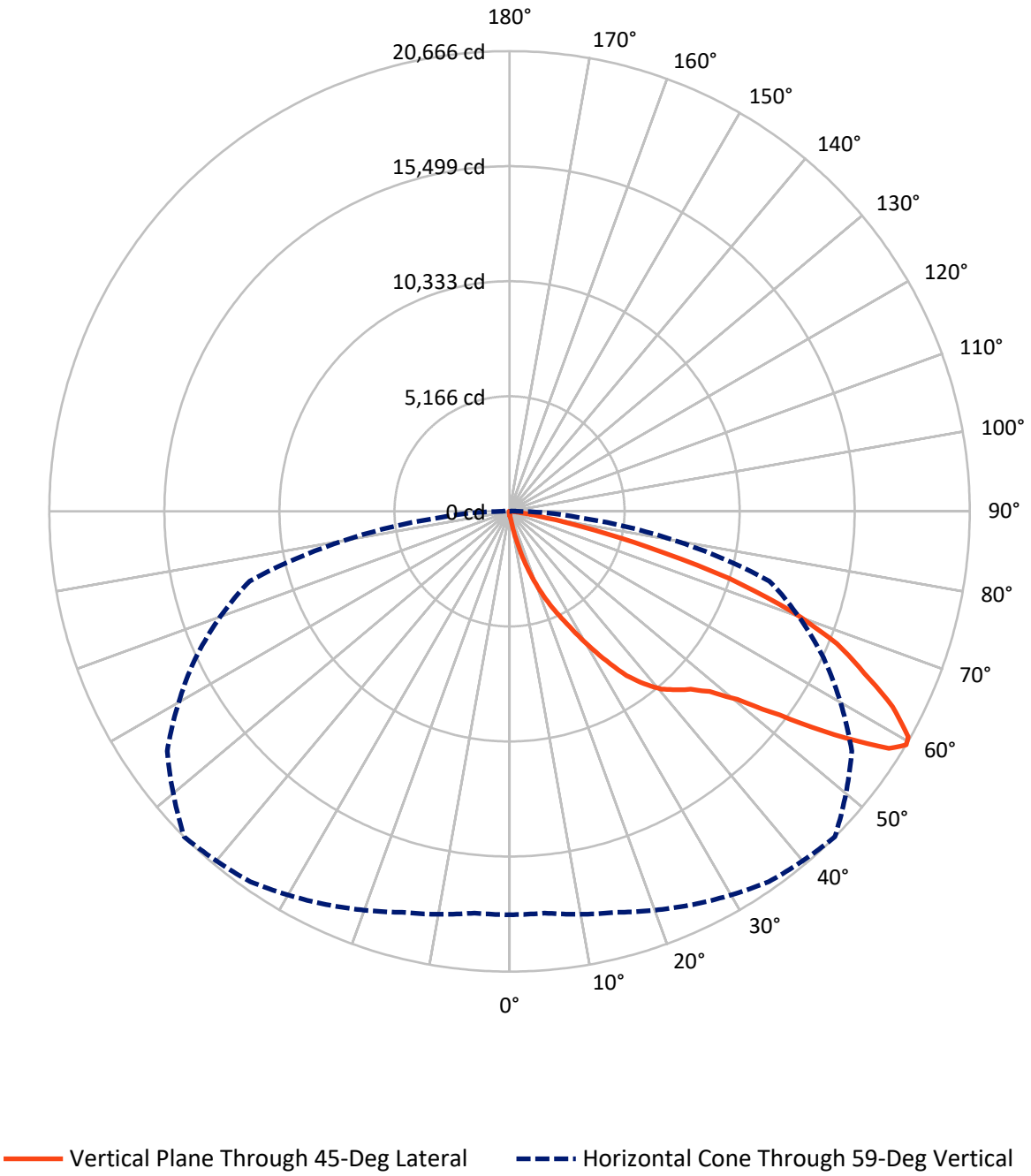
Luminous Intensity Polar Plot



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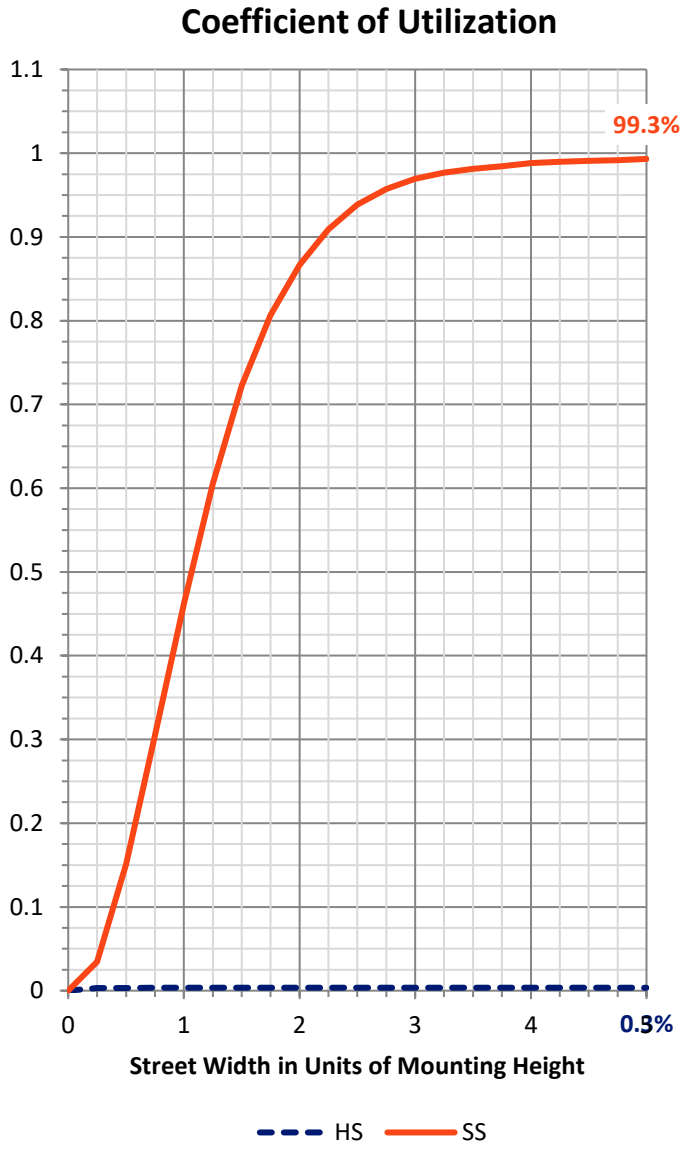
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	90.2	0.0	90.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25320.4	0.0	25320.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	25410.6	0.0	25410.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	0.1
10°-20°	280.9	1.1
20°-30°	1009.2	4.0
30°-40°	2345.0	9.2
40°-50°	3997.0	15.7
50°-60°	6585.9	25.9
60°-70°	7614.8	30.0
70°-80°	3271.6	12.9
80°-90°	282.7	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°	25410.6	100.0
0°-180°	25410.6	100.0



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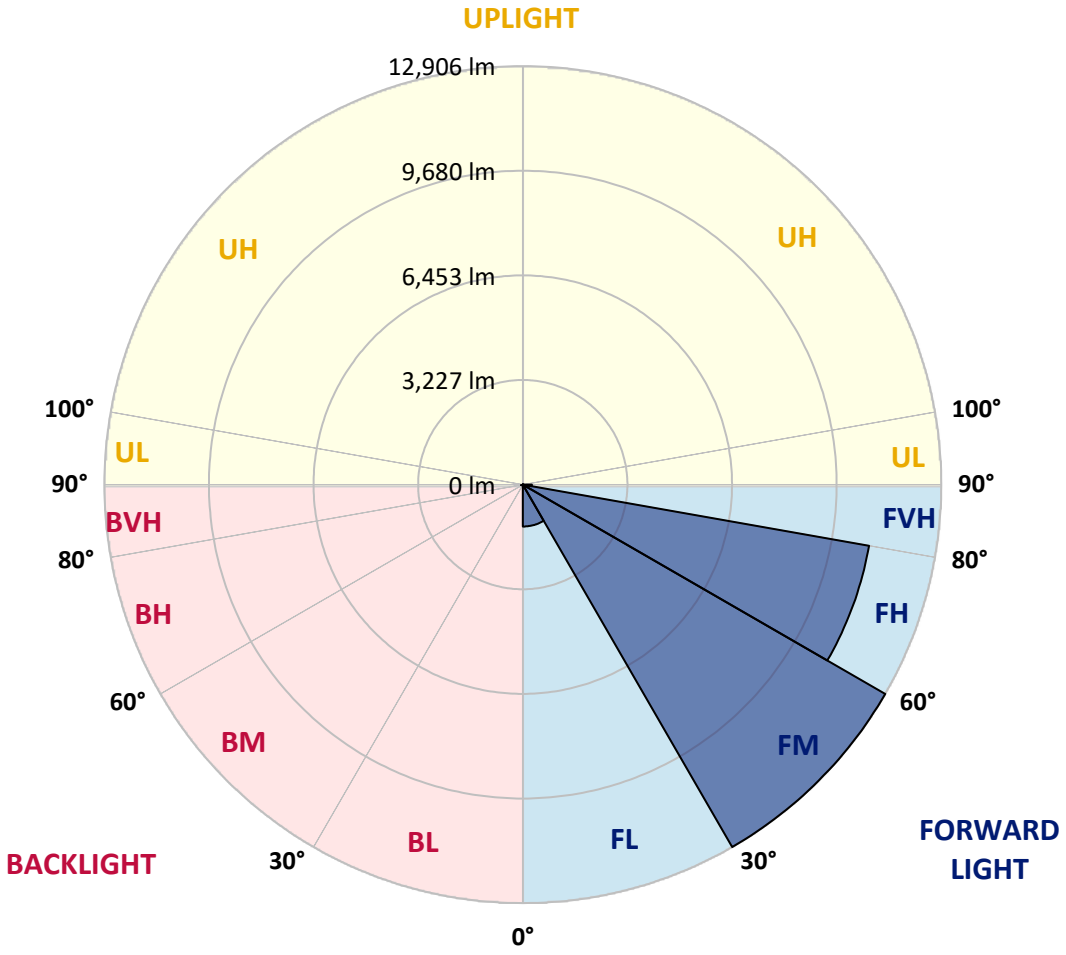
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1291.4	5.1			
FM	(30°-60°)	12906.1	50.8			
FH	(60°-80°)	10843.9	42.7			G4/12000
FVH	(80°-90°)	279.0	1.1			G3/500
BL	(0°-30°)	22.3	0.1	B0/110		
BM	(30°-60°)	21.8	0.1	B0/220		
BH	(60°-80°)	42.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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-G4
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	160.6	160.6	160.6	160.6	160.6	160.6	*160.6*	160.6	160.6	160.6	160.6
2.5°	208.5	208.5	203.3	196.5	194.8	189.7	*189.7*	184.5	177.7	172.6	165.7
5°	302.4	300.7	287.0	270.0	247.7	234.1	*234.1*	215.3	198.2	182.8	169.2
7.5°	661.2	645.9	596.3	514.3	406.7	334.9	*329.8*	268.3	227.2	196.5	170.9
10°	1517.3	1464.3	1394.2	1197.7	885.1	618.5	*606.6*	391.3	271.7	211.9	174.3
12.5°	2486.0	2528.8	2388.6	2079.4	1713.7	1274.6	*1189.2*	659.5	358.8	232.4	177.7
15°	3367.7	3357.4	3278.8	3026.0	2603.9	2019.6	*1966.6*	1146.5	514.3	264.8	181.1
17.5°	4027.2	4015.2	3940.1	3777.7	3453.1	2868.8	*2822.6*	1828.2	806.5	311.0	184.5
20°	4722.6	4707.2	4601.3	4471.4	4187.8	3690.6	*3635.9*	2590.3	1262.7	386.1	184.5
22.5°	5556.4	5527.4	5414.6	5194.2	4895.2	4462.9	*4413.4*	3369.4	1828.2	509.2	193.1
25°	6564.5	6514.9	6359.5	6161.3	5800.7	5226.7	*5173.7*	4237.4	2510.0	695.4	201.6
27.5°	7714.4	7722.9	7512.8	7177.9	6694.4	6108.3	*6009.2*	5014.8	3215.6	962.0	211.9
30°	9079.6	8994.1	8698.6	8309.0	7839.1	7092.5	*6996.8*	5788.8	4008.4	1354.9	229.0
32.5°	10357.6	10265.4	9867.3	9376.9	8872.8	8085.2	*8006.6*	6658.5	4729.4	1819.7	259.7
35°	11454.6	11389.6	10832.6	10234.6	9786.9	9083.0	*9059.1*	7629.0	5576.9	2320.3	293.9
37.5°	12419.9	12302.0	11586.1	10965.9	10511.4	9880.9	*9829.7*	8517.4	6393.6	2901.2	345.1
40°	13243.5	13178.5	12305.4	11490.4	11121.4	10557.5	*10492.6*	9296.6	7237.7	3576.1	408.4
42.5°	14125.1	14039.7	13192.2	12278.1	11598.1	10994.9	*10952.2*	9939.0	7989.5	4317.7	502.3
45°	15121.2	14962.3	14219.1	13399.0	12365.2	11447.7	*11399.9*	10511.4	8760.1	5113.9	616.8
47.5°	16185.7	16047.3	15445.9	14870.1	13680.9	12194.4	*12091.9*	10998.4	9525.5	6033.1	762.0
50°	17269.0	17272.4	16821.3	16544.5	15288.7	13407.5	*13262.3*	11714.3	10330.3	7017.3	977.3
52.5°	18529.9	18562.4	18555.6	18350.5	17376.6	15391.2	*15196.4*	12800.9	11264.9	8165.5	1274.6
55°	19057.9	19116.0	19493.6	19948.1	19683.2	17906.3	*17697.8*	14675.3	12503.6	9445.2	1715.4
57.5°	18625.6	18690.5	19211.7	20007.9	20616.1	20108.7	*20084.8*	17115.2	14135.4	10996.6	2436.5
59°	*18111.3*	*18102.8*	*18637.6*	*19481.6*	*20301.8*	*20631.5*	*20665.7*	*18765.7*	*15556.9*	*12085.0*	*3058.4*
60°	17769.6	17776.4	18131.8	18998.1	19869.5	20441.9	*20575.1*	19737.9	16387.3	12867.6	3591.5
62.5°	16450.5	16529.1	16811.1	17615.8	18442.8	19081.8	*19309.1*	20604.2	18764.0	14716.3	5445.4
65°	15017.0	15022.1	15423.7	16112.2	16905.0	17354.4	*17497.9*	19256.1	20351.3	16599.2	7876.7
67.5°	12459.2	12563.4	13019.6	14135.4	15182.8	15751.7	*15861.1*	16761.5	19693.5	17826.0	9095.0
70°	8719.1	8855.8	9506.7	10953.9	12513.9	13448.5	*13441.7*	13933.8	17332.2	17279.2	7711.0
72.5°	4353.6	4589.3	5120.7	6670.4	8560.2	10027.9	*10337.1*	11208.5	13923.5	14352.4	5752.9
75°	1923.9	1937.6	2240.0	3020.8	4254.5	6118.6	*6395.3*	8896.8	10682.3	9974.9	4155.4
77.5°	1119.1	1129.4	1184.1	1356.6	1724.0	2998.6	*3309.6*	5834.9	7548.7	5797.3	2709.9
80°	406.7	416.9	415.2	514.3	755.2	1180.7	*1315.6*	2827.8	5035.3	3053.3	1419.9
82.5°	249.5	249.5	240.9	242.6	275.1	452.8	*495.5*	1204.6	2451.9	1503.6	406.7
85°	123.0	129.9	138.4	155.5	184.5	223.8	*237.5*	345.1	825.3	363.9	97.4
87.5°	73.5	75.2	82.0	99.1	123.0	160.6	*170.9*	234.1	295.6	244.3	23.9
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-SA6B-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	160.6	160.6	160.6	160.6	160.6	160.6	160.6	160.6	160.6	160.6	160.6
2.5°	162.3	160.6	152.1	145.2	138.4	131.6	126.4	121.3	121.3	123.0	121.3
5°	162.3	155.5	141.8	129.9	119.6	111.1	102.5	95.7	94.0	94.0	95.7
7.5°	160.6	152.1	133.3	117.9	104.2	92.3	83.7	75.2	73.5	75.2	73.5
10°	158.9	148.6	126.4	107.6	88.8	76.9	64.9	56.4	56.4	56.4	58.1
12.5°	158.9	143.5	119.6	97.4	76.9	63.2	51.3	42.7	41.0	41.0	41.0
15°	157.2	140.1	112.8	85.4	64.9	47.8	37.6	29.0	29.0	29.0	29.0
17.5°	153.8	135.0	104.2	75.2	51.3	35.9	25.6	17.1	17.1	20.5	20.5
20°	150.4	129.9	94.0	61.5	42.7	27.3	17.1	10.3	10.3	15.4	17.1
22.5°	152.1	129.9	87.1	54.7	34.2	20.5	13.7	8.5	6.8	12.0	15.4
25°	153.8	126.4	78.6	47.8	25.6	15.4	10.3	3.4	1.7	3.4	5.1
27.5°	153.8	123.0	68.3	37.6	18.8	12.0	5.1	0.0	0.0	0.0	0.0
30°	152.1	117.9	59.8	30.8	13.7	6.8	1.7	0.0	0.0	0.0	0.0
32.5°	150.4	112.8	54.7	23.9	12.0	3.4	0.0	0.0	0.0	0.0	0.0
35°	152.1	105.9	47.8	18.8	6.8	0.0	0.0	0.0	0.0	0.0	3.4
37.5°	157.2	99.1	41.0	15.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	164.0	94.0	34.2	12.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	177.7	94.0	30.8	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	194.8	94.0	25.6	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	217.0	95.7	22.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	244.3	99.1	20.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	264.8	95.7	18.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	300.7	92.3	17.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	348.6	87.1	17.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*396.4*	*80.3*	*17.1*	*1.7*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	451.1	76.9	15.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	745.0	68.3	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1438.7	64.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2325.4	64.9	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2445.0	64.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1626.6	53.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	871.4	47.8	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	469.9	44.4	6.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	206.7	32.5	8.5	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	82.0	22.2	10.3	8.5	6.8	3.4	0.0	0.0	0.0	0.0	0.0
85°	39.3	17.1	13.7	12.0	8.5	5.1	0.0	0.0	0.0	0.0	0.0
87.5°	18.8	17.1	15.4	13.7	12.0	8.5	1.7	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

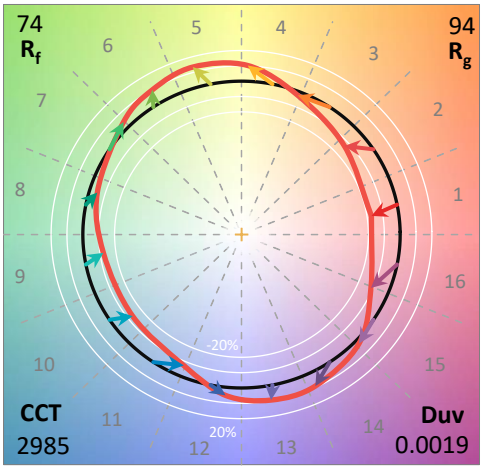
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-4
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-730-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985
CIE u':	0.2504
CIE v':	0.5243
Duv:	0.0019
CIE x:	0.4408
CIE y:	0.4101
CIE z:	0.1491
Peak Wavelength (nm):	595
Dominant Wavelength (nm):	582
Purity:	55.41818
Rf:	73.8
Rg:	94.4

CRI (Ra):	70.8
R1:	66.3
R2:	80.6
R3:	94.5
R4:	68.2
R5:	66.5
R6:	74.7
R7:	76.2
R8:	39.6
R9:	-43.2
R10:	57.6
R11:	64.8
R12:	53.5
R13:	68.7
R14:	97.0
R15:	56.4



Test Conditions

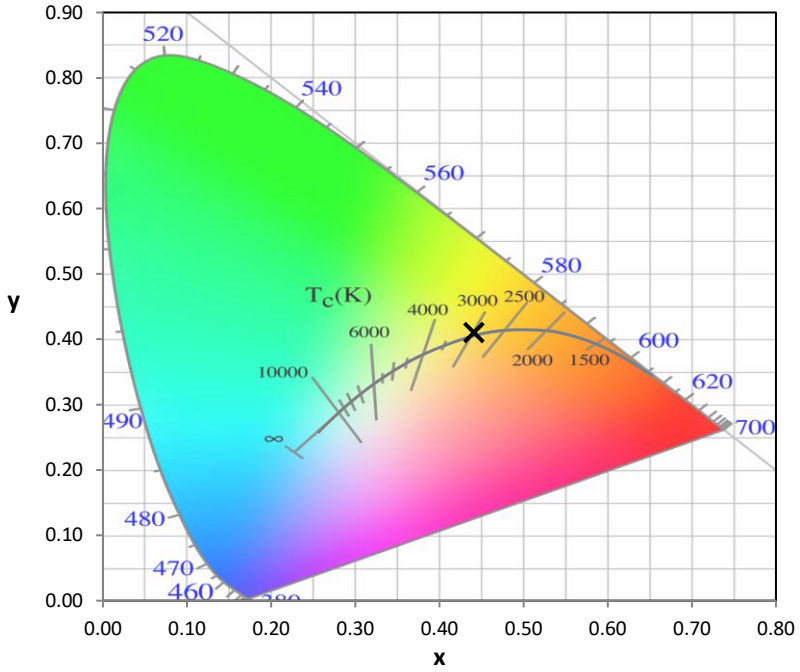
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

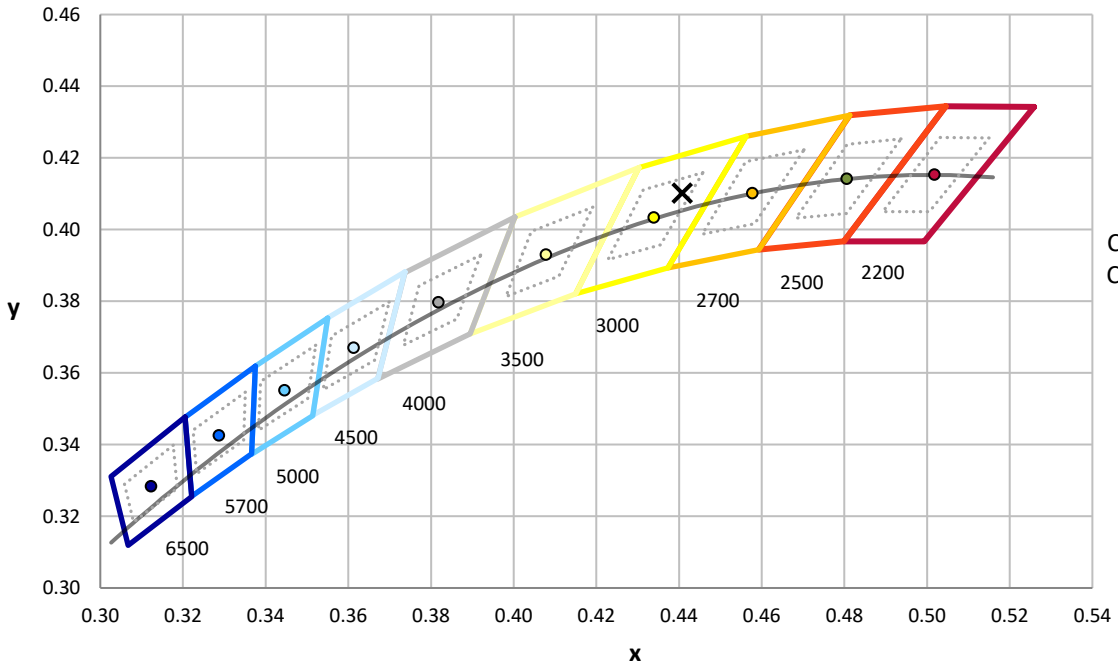
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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

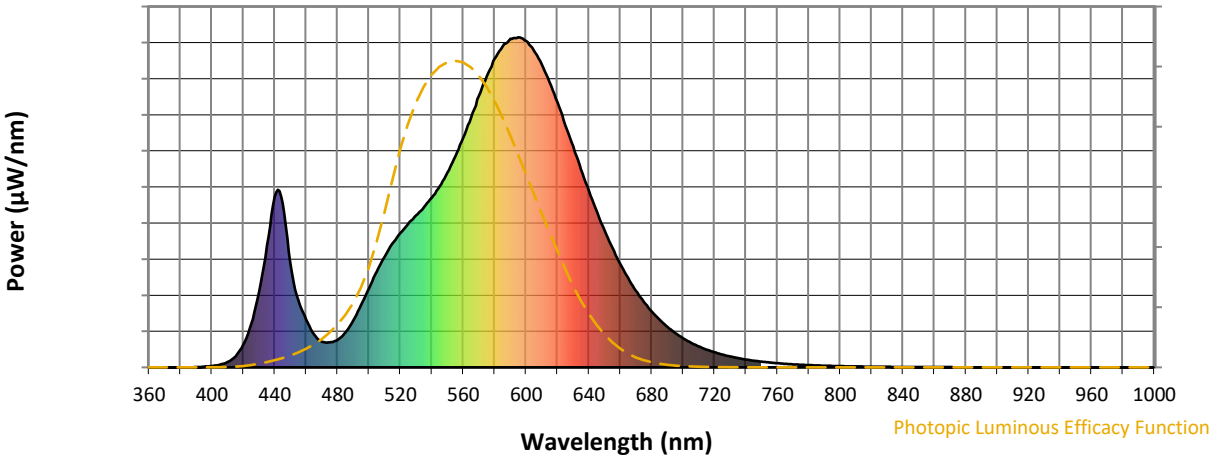


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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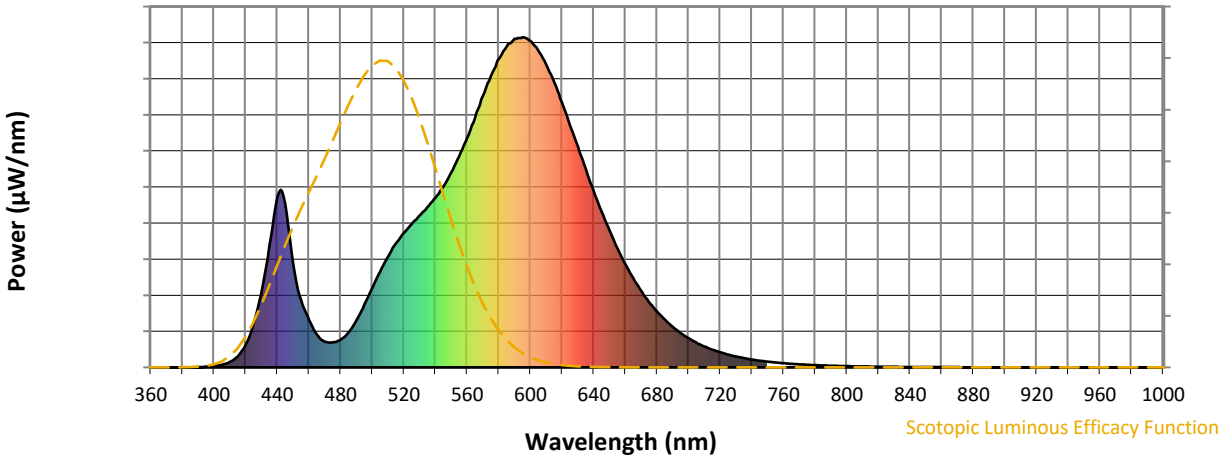
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.19**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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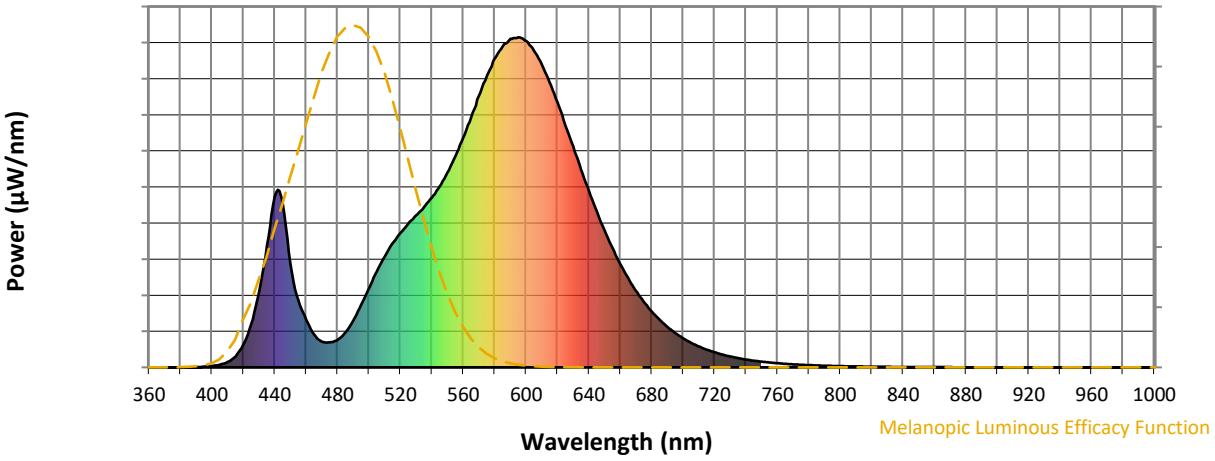
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.13**

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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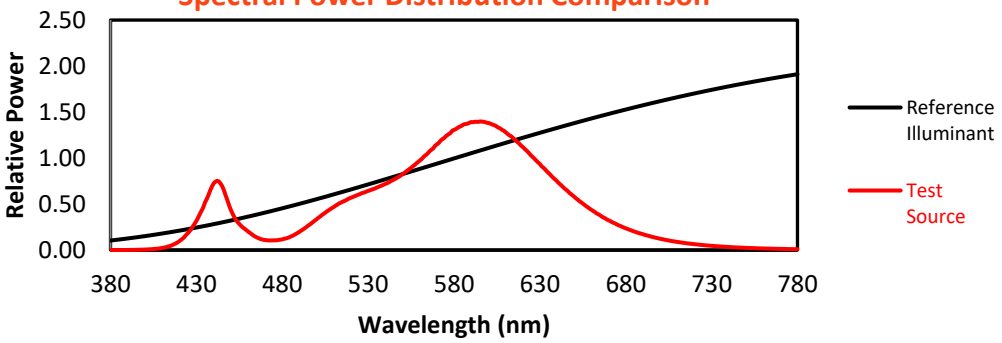
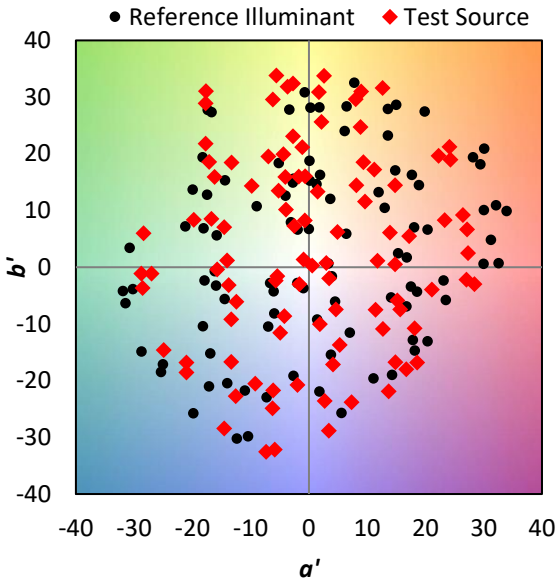
Summary

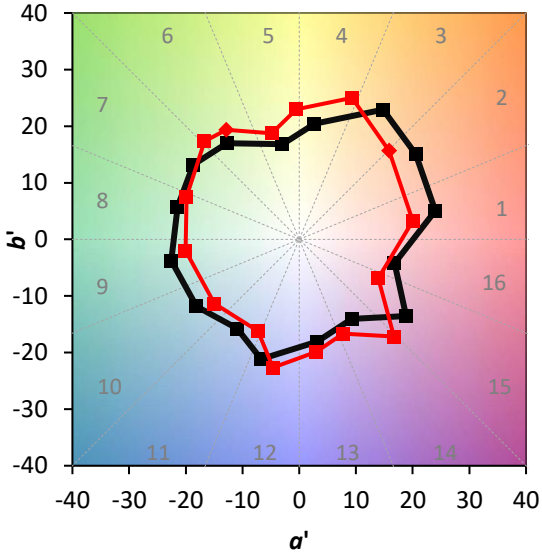
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

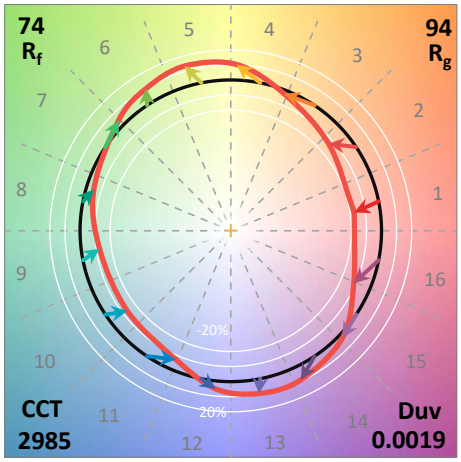
Spectral Power Distribution Comparison

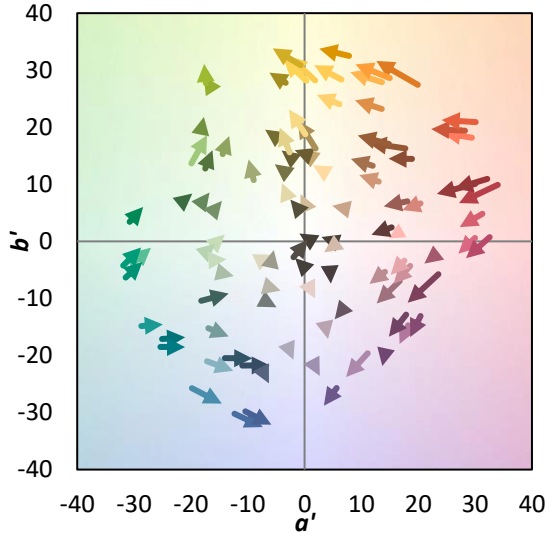


Color Vector Graphics









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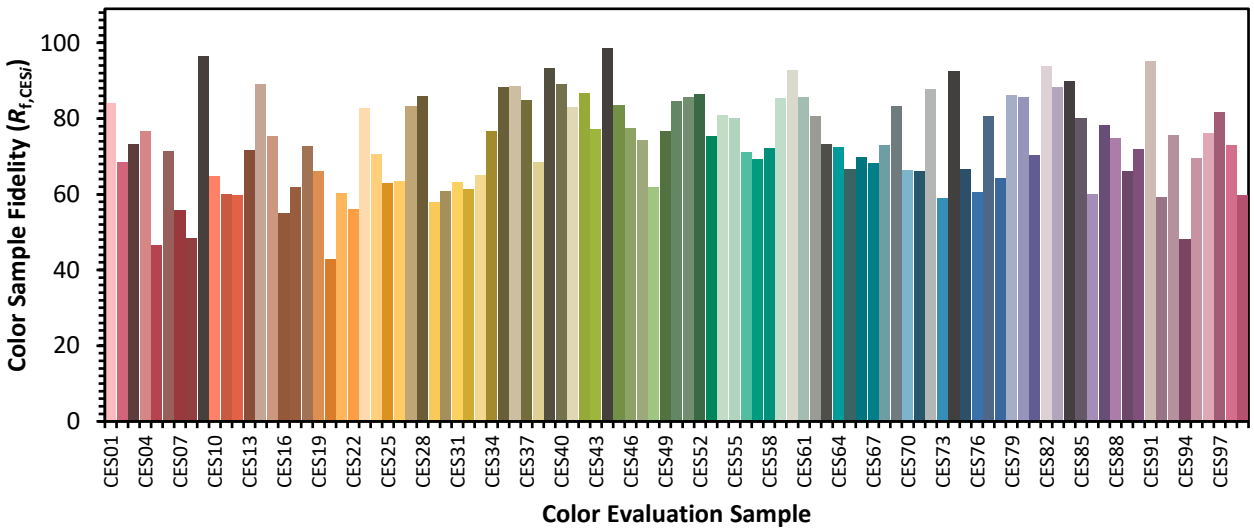
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



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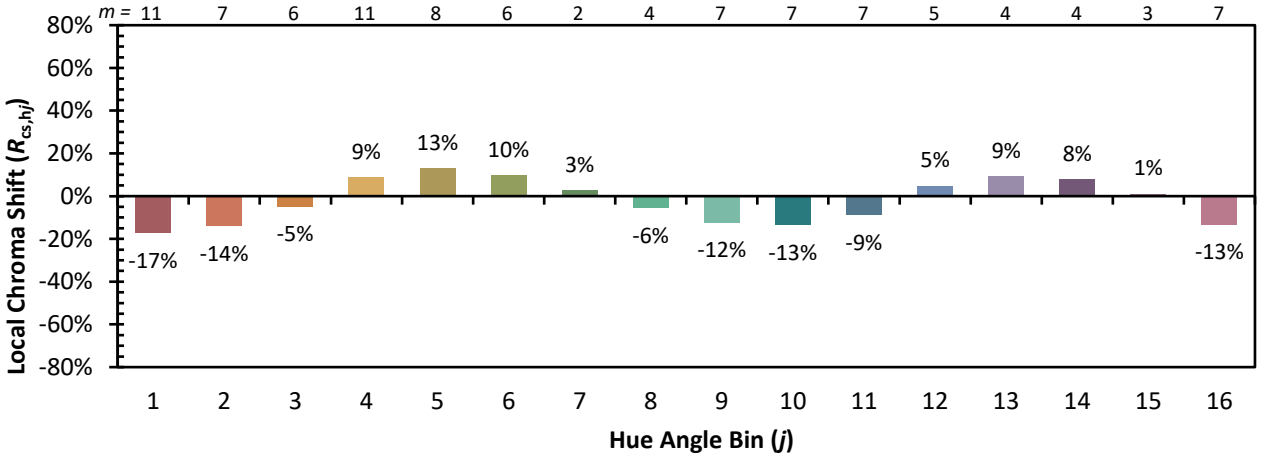
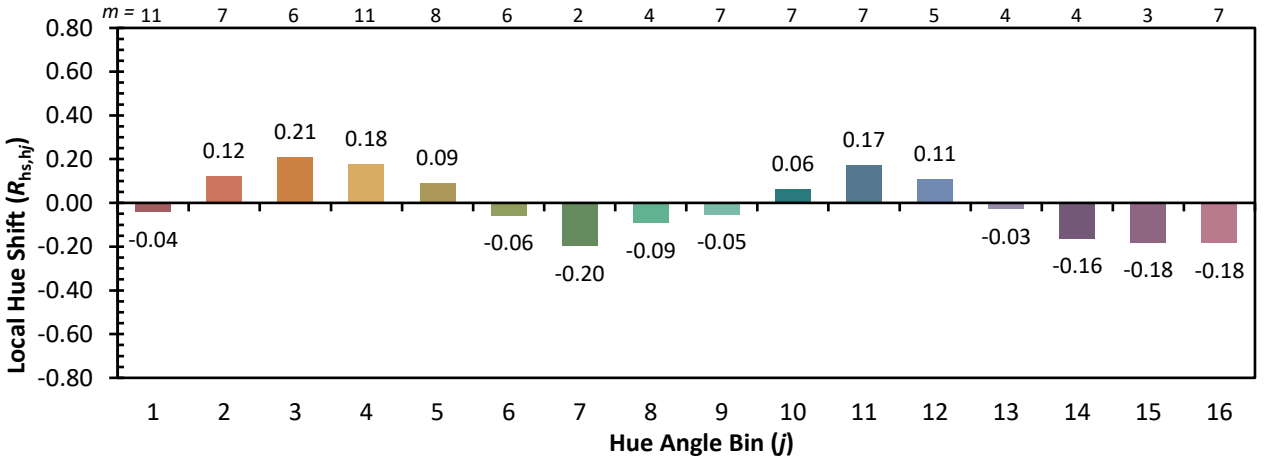
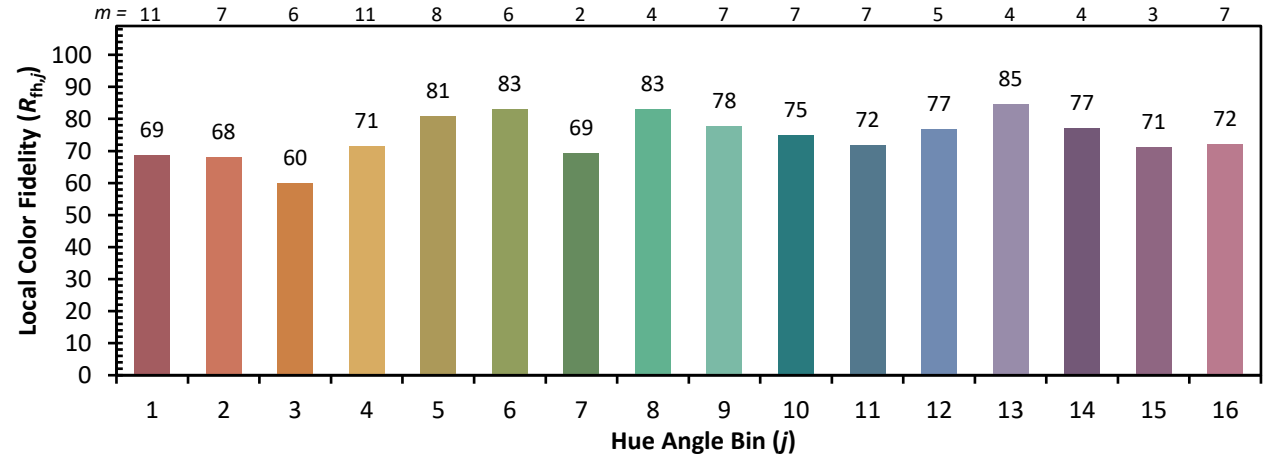
Color Rendition by Hue-Angle Bin







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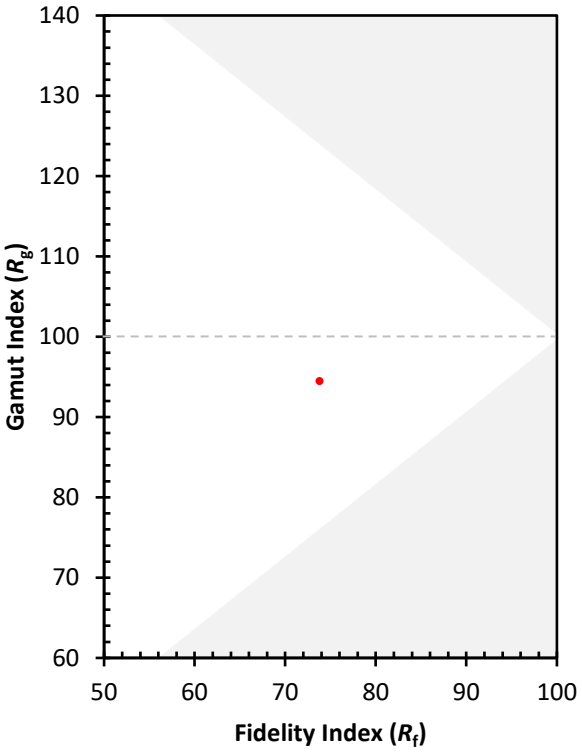
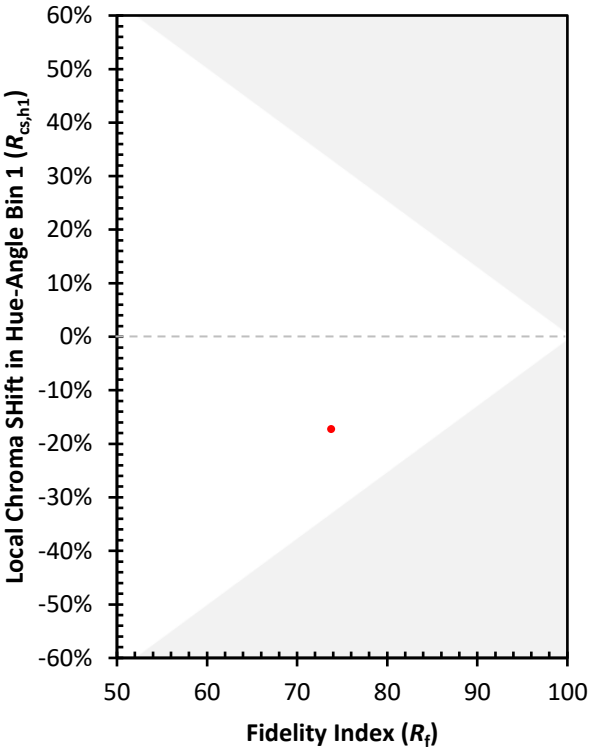
Measure Comparisons





(END OF REPORT)