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: P1067504

Luminaire Tested: **NAV-SA5D-735-U-T4BC**

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:	P1067504
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA5D-735-U-T4BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE 70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28258 lumens
Efficiency:	N/A
Efficacy:	104.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	269.7
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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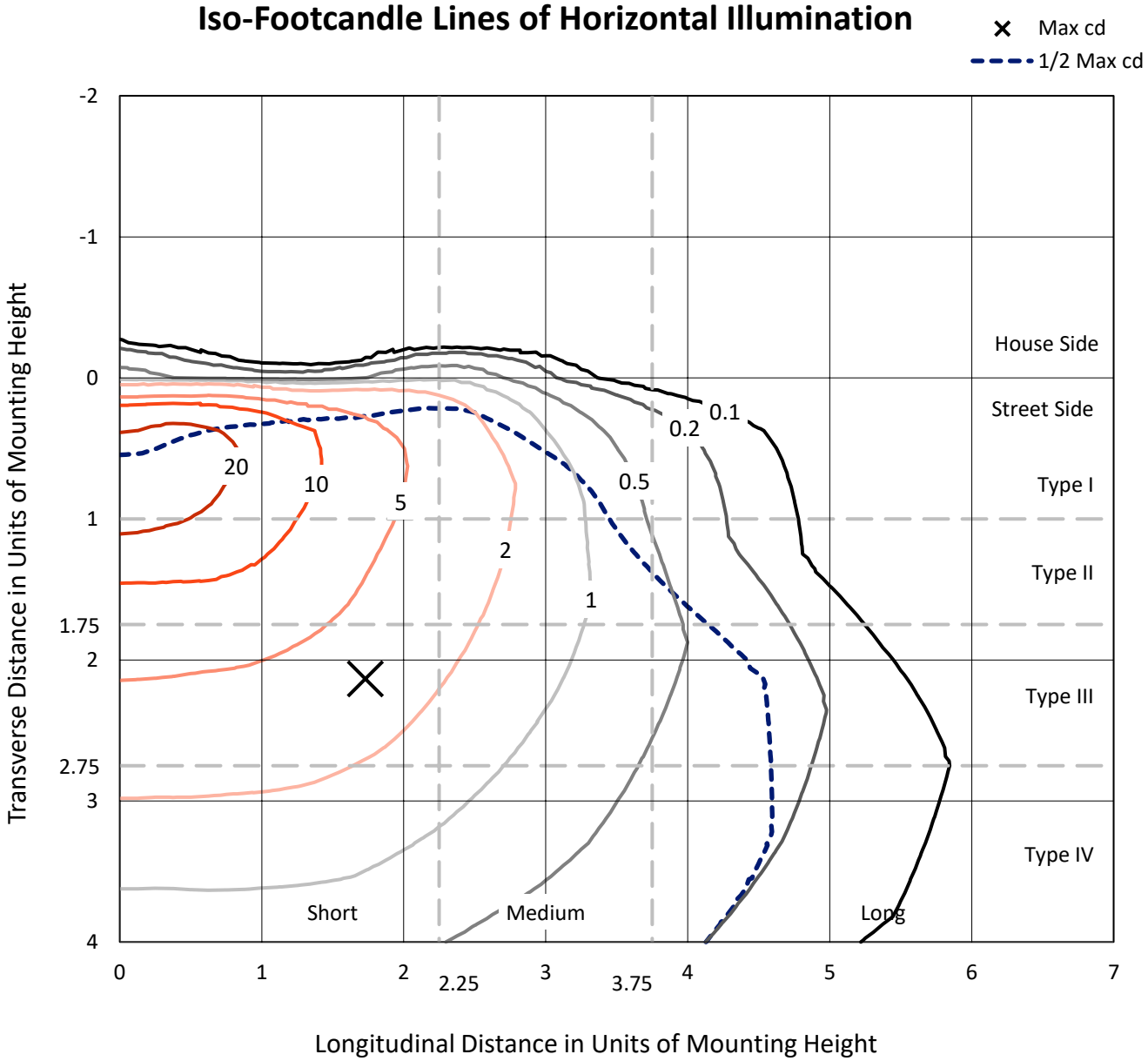
REPORT NUMBER: P1067504
CATALOG NUMBER: NAV-SA5D-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 30.8 fc
Type IV - Short - N/A

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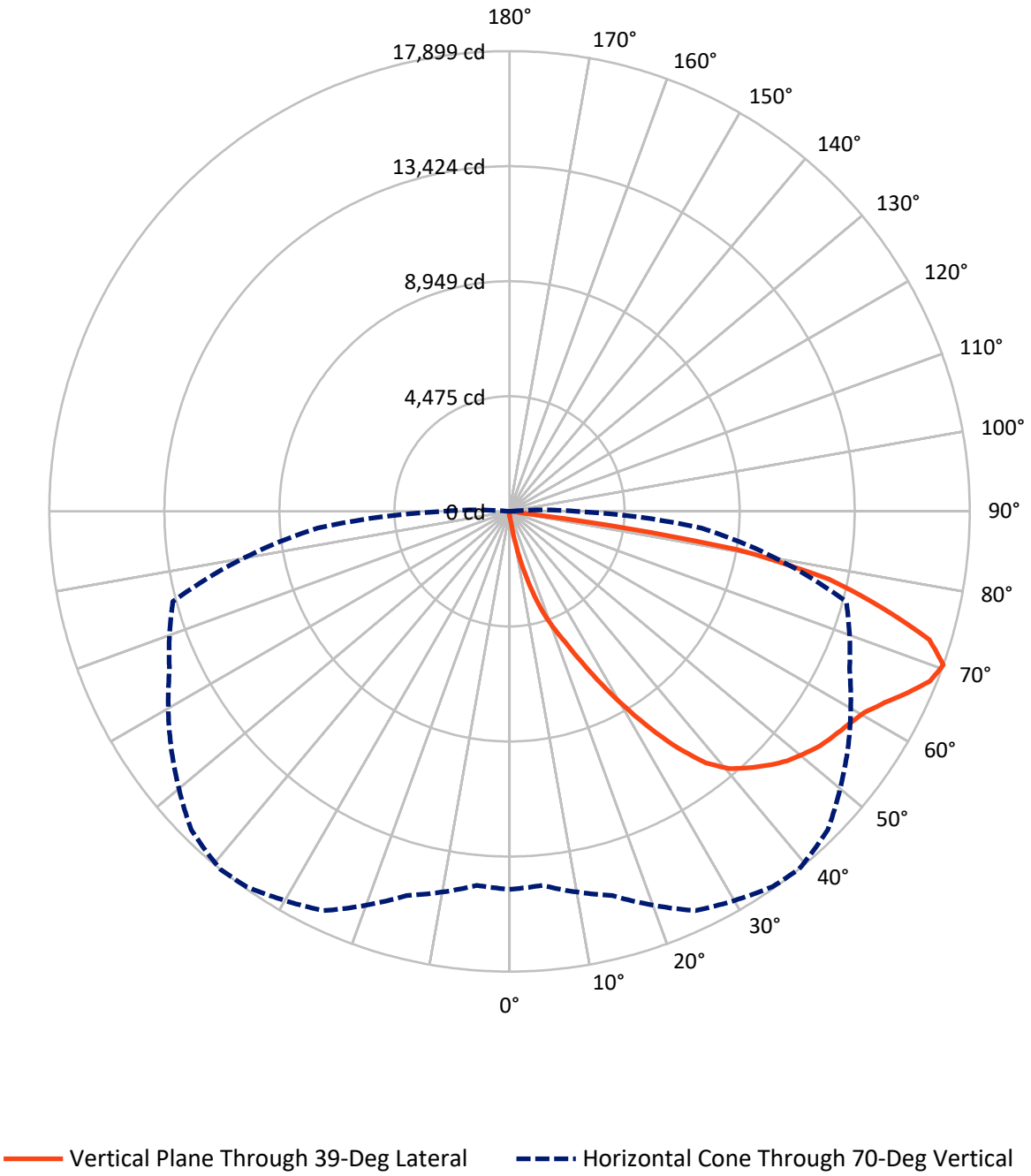
Luminous Intensity Polar Plot



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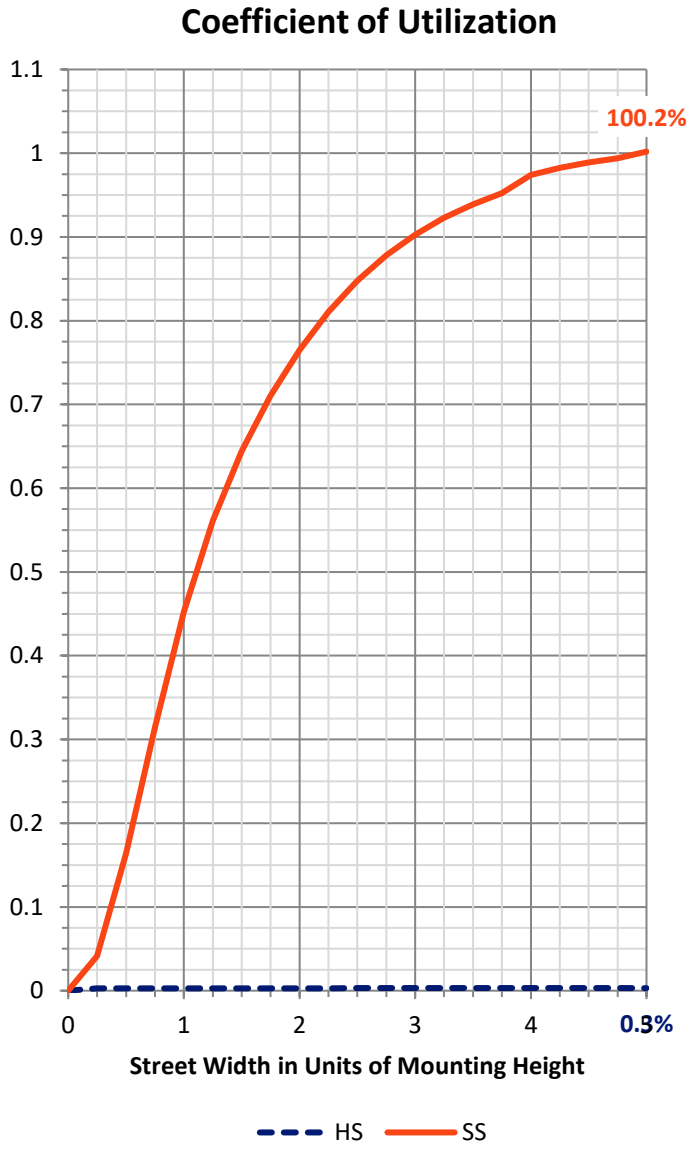
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.0	0.0	87.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	28171.0	0.0	28171.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	28258.0	0.0	28258.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.7	0.1
10°-20°	347.4	1.2
20°-30°	1178.9	4.2
30°-40°	2770.6	9.8
40°-50°	4498.9	15.9
50°-60°	5701.0	20.2
60°-70°	7241.8	25.6
70°-80°	5883.9	20.8
80°-90°	605.8	2.1
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°	28258.0	100.0
0°-180°	28258.0	100.0



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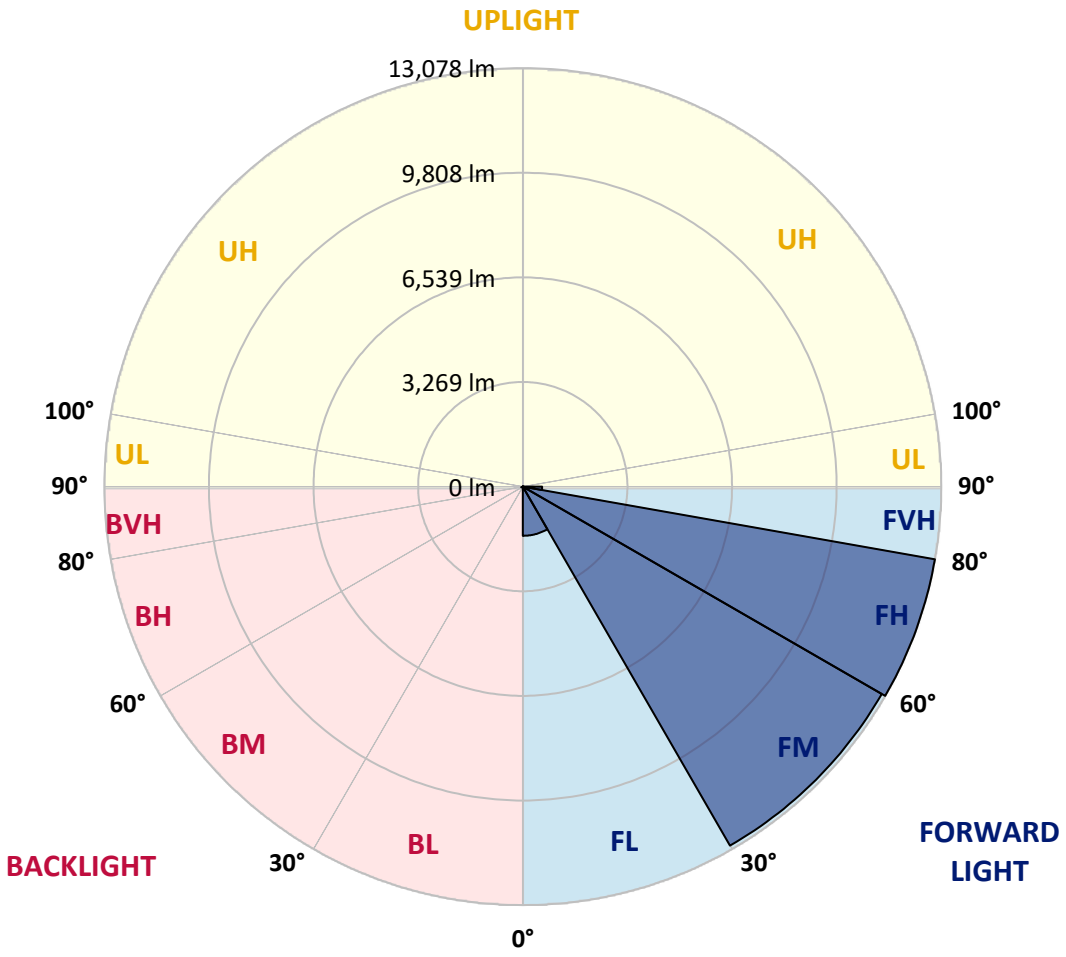
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1537.2	5.4			
FM	(30°-60°)	12953.8	45.8			
FH	(60°-80°)	13077.9	46.3			G5
FVH	(80°-90°)	602.2	2.1			G4/750
BL	(0°-30°)	18.8	0.1	B0/110		
BM	(30°-60°)	16.7	0.1	B0/220		
BH	(60°-80°)	47.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G5
Type IV Short



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REPORT NUMBER: P1067504
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	153.4	153.4	153.4	153.4	153.4	*153.4*	153.4	153.4	153.4	153.4	153.4
2.5°	199.5	199.5	199.5	191.8	191.8	*184.1*	184.1	176.5	168.8	168.8	161.1
5°	375.9	383.6	360.6	314.6	283.9	*268.5*	253.2	214.8	191.8	176.5	161.1
7.5°	1028.0	997.4	951.3	797.9	613.8	*521.7*	445.0	314.6	230.2	184.1	161.1
10°	2163.5	2079.1	1948.7	1741.5	1381.0	*1235.2*	959.0	575.4	322.2	207.1	161.1
12.5°	3176.2	3191.5	3030.4	2831.0	2393.7	*2148.2*	1772.2	1081.7	506.3	245.5	161.1
15°	3943.4	3928.0	3866.7	3705.6	3314.3	*3076.5*	2738.9	1818.3	851.6	306.9	168.8
17.5°	4549.5	4488.1	4465.1	4396.0	4142.9	*4012.4*	3644.2	2677.5	1350.3	414.3	176.5
20°	5155.6	5140.2	5117.2	5040.5	4871.7	*4779.6*	4495.8	3544.4	2010.1	590.7	191.8
22.5°	6037.8	5953.4	5968.8	5800.0	5661.9	*5500.8*	5270.6	4465.1	2769.6	843.9	214.8
25°	7073.6	7065.9	6943.1	6866.4	6636.3	*6459.8*	6152.9	5355.0	3613.5	1219.8	237.8
27.5°	8293.4	8209.0	8155.3	8024.9	7787.0	*7587.6*	7165.6	6237.3	4526.5	1641.8	268.5
30°	9566.9	9566.9	9467.2	9267.7	9037.6	*8792.1*	8362.4	7165.6	5431.8	2178.8	306.9
32.5°	11055.3	11086.0	10840.5	10541.3	10242.1	*10073.3*	9513.2	8216.7	6298.7	2792.6	352.9
35°	12497.6	12459.3	12052.7	11722.8	11500.3	*11316.2*	10840.5	9367.5	7280.7	3506.1	414.3
37.5°	13878.6	13778.9	13103.7	12635.7	12536.0	*12413.2*	11937.6	10518.3	8255.0	4296.3	491.0
40°	14868.3	14714.8	14016.7	13372.2	13226.5	*13157.4*	12789.2	11561.7	9283.1	5178.6	590.7
42.5°	15297.9	15121.4	14638.1	14116.4	13794.2	*13633.1*	13310.9	12413.2	10311.1	6160.6	736.5
45°	15382.3	15244.2	14899.0	14776.2	14338.9	*14093.4*	13656.1	13019.3	11270.1	7134.9	936.0
47.5°	15075.4	15014.0	14806.9	15067.7	14845.3	*14507.7*	13978.3	13472.0	12121.7	8316.4	1212.2
50°	14323.6	14277.5	14377.3	15060.1	15213.5	*14829.9*	14331.2	13824.9	12858.2	9536.3	1603.4
52.5°	13310.9	13303.2	13771.2	14860.6	15374.6	*15136.8*	14676.5	14177.8	13441.3	10717.7	2155.8
55°	12206.1	12336.5	13157.4	14676.5	15466.7	*15359.3*	15014.0	14492.3	13963.0	11814.8	3045.8
57.5°	12114.0	12060.3	12850.5	14599.8	15520.4	*15581.8*	15351.6	14822.2	14408.0	12712.4	4234.9
60°	13034.7	12911.9	13211.1	14760.9	15758.2	*15865.6*	15689.2	15075.4	14852.9	13418.3	5800.0
62.5°	14101.1	13986.0	14139.4	15382.3	16226.2	*16379.6*	16157.2	15336.3	15213.5	13909.3	7480.2
65°	14952.7	14860.6	15152.1	16310.6	16878.3	*17008.7*	16855.3	15819.6	15374.6	14308.2	8845.8
67.5°	15090.8	14975.7	15581.8	16932.0	17538.1	*17630.2*	17507.4	16287.6	15320.9	14338.9	9160.3
70°	*14699.5*	*14599.8*	*15466.7*	*17131.5*	*17822.0*	*17898.7*	*17507.4*	*16065.1*	*14592.1*	*13556.4*	*7487.8*
72.5°	13495.0	13571.7	14691.8	16648.2	17430.7	*17077.8*	16249.2	14945.0	13648.4	11492.6	5255.3
75°	11623.0	11707.4	13195.8	15320.9	15382.3	*14952.7*	14507.7	13748.2	12213.8	7572.2	3644.2
77.5°	8262.7	7963.5	10188.4	12651.1	12428.6	*12704.8*	12743.1	11438.9	10226.7	3943.4	2439.7
80°	813.2	690.5	1281.2	3628.8	8017.2	*8960.9*	9329.1	8815.1	7541.5	1764.6	1281.2
82.5°	176.5	176.5	191.8	207.1	322.2	*483.3*	2217.2	5431.8	4871.7	897.6	414.3
85°	99.7	99.7	122.8	145.8	191.8	*214.8*	253.2	337.6	1311.9	322.2	76.7
87.5°	76.7	84.4	99.7	122.8	161.1	*176.5*	214.8	268.5	329.9	299.2	23.0
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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Scaled Data Report

REPORT NUMBER: P1067504
CATALOG NUMBER: NAV-SA5D-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4
2.5°	161.1	153.4	145.8	138.1	130.4	130.4	122.8	122.8	122.8	122.8	122.8
5°	153.4	145.8	138.1	122.8	115.1	107.4	99.7	99.7	99.7	99.7	99.7
7.5°	153.4	145.8	130.4	115.1	99.7	92.1	84.4	76.7	76.7	84.4	84.4
10°	153.4	138.1	115.1	99.7	84.4	76.7	69.0	61.4	61.4	61.4	61.4
12.5°	145.8	130.4	107.4	92.1	76.7	61.4	46.0	38.4	38.4	38.4	38.4
15°	138.1	122.8	99.7	76.7	53.7	38.4	30.7	23.0	23.0	23.0	23.0
17.5°	138.1	115.1	92.1	69.0	38.4	23.0	15.3	7.7	7.7	7.7	15.3
20°	138.1	115.1	84.4	53.7	23.0	15.3	15.3	7.7	0.0	7.7	7.7
22.5°	138.1	107.4	69.0	38.4	23.0	15.3	7.7	0.0	0.0	0.0	0.0
25°	145.8	107.4	61.4	30.7	15.3	7.7	0.0	0.0	0.0	0.0	0.0
27.5°	145.8	99.7	53.7	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	153.4	99.7	46.0	15.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	153.4	92.1	30.7	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	153.4	84.4	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	153.4	76.7	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	161.1	69.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	168.8	61.4	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	176.5	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	199.5	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	230.2	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	276.2	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	360.6	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	521.7	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	874.6	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1534.4	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2593.1	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3383.3	53.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	*2570.1*	*46.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1227.5	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	544.7	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	237.8	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	92.1	15.3	7.7	7.7	7.7	7.7	0.0	0.0	0.0	0.0	0.0
82.5°	38.4	15.3	7.7	7.7	7.7	7.7	7.7	0.0	0.0	0.0	0.0
85°	23.0	15.3	15.3	15.3	7.7	7.7	7.7	0.0	0.0	0.0	0.0
87.5°	15.3	15.3	15.3	15.3	15.3	7.7	7.7	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: SP1-2407-184-5

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

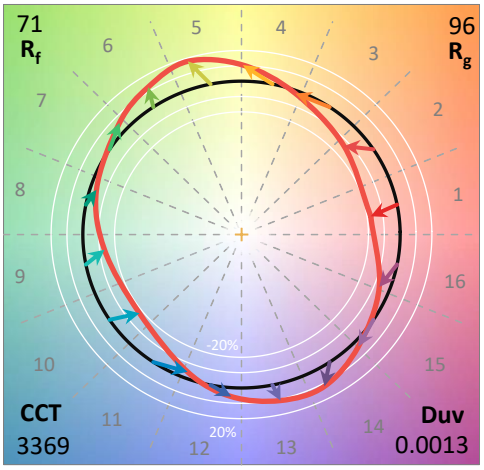
Test Information

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

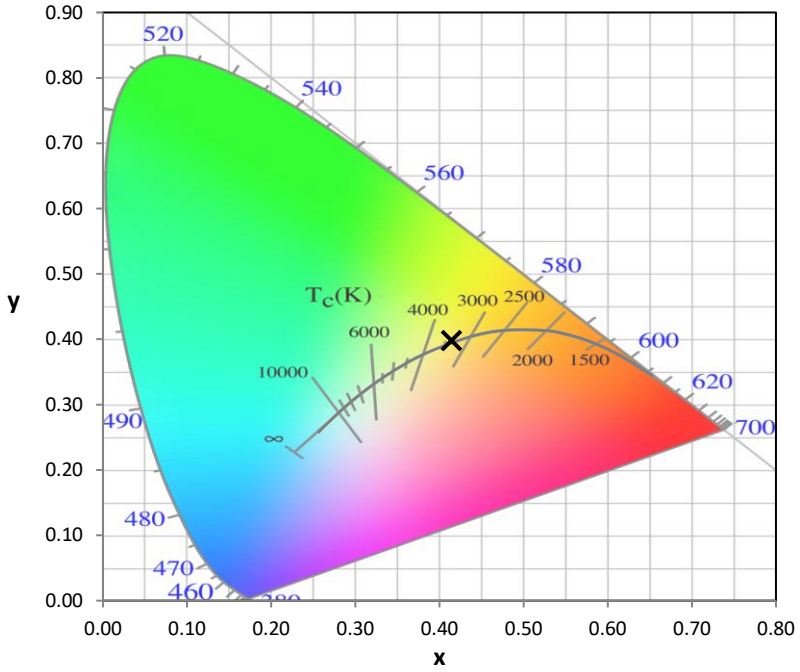
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

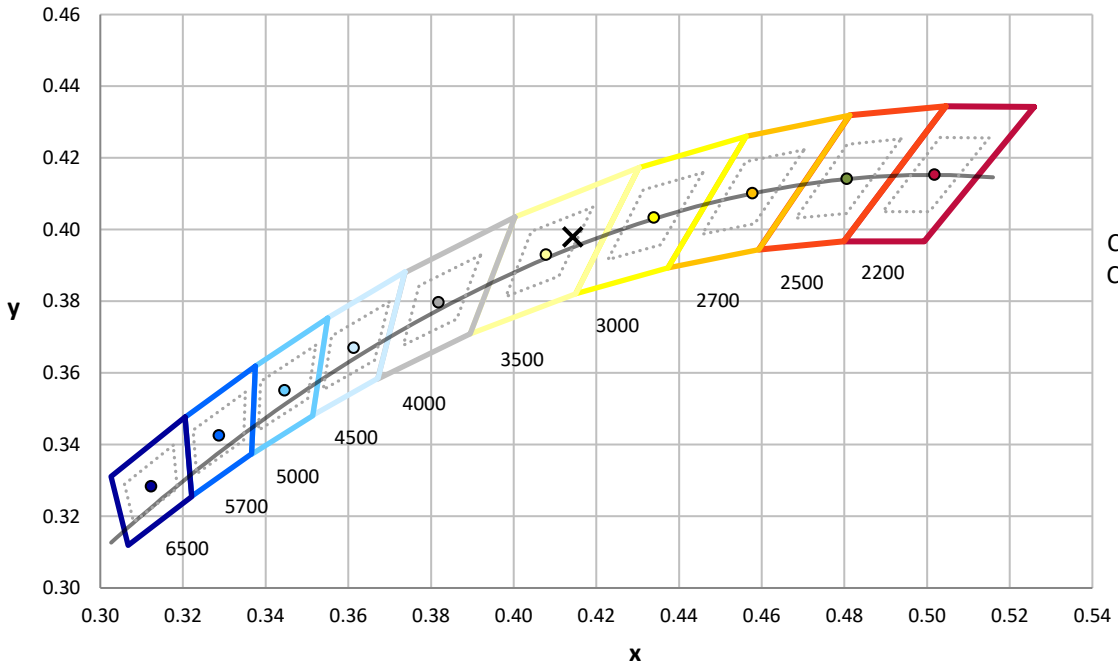
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

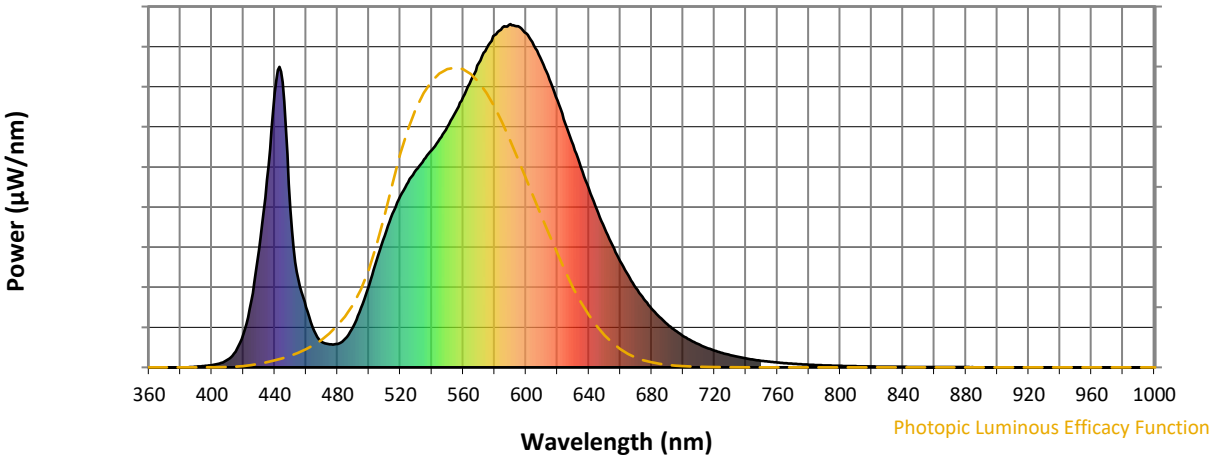


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

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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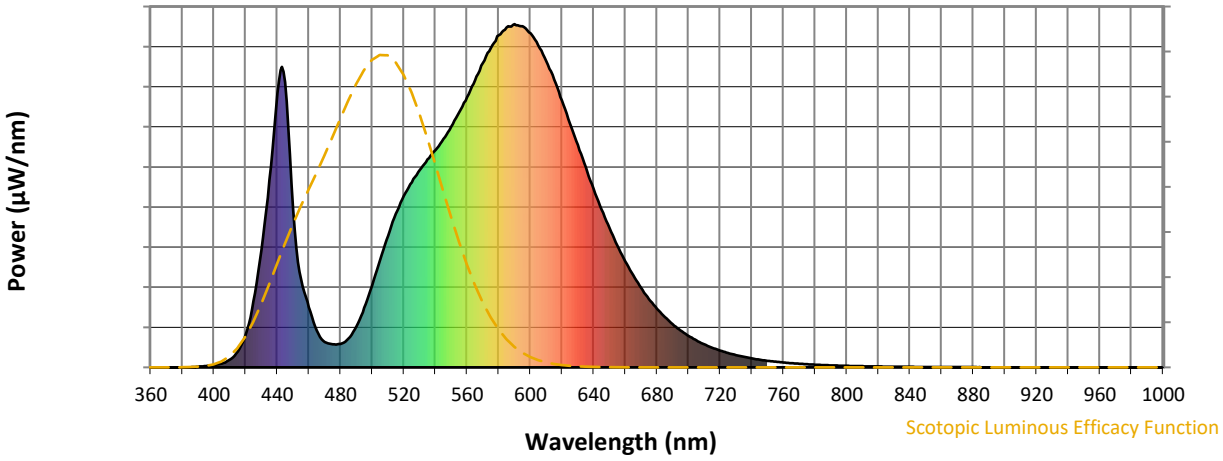
Scotopic Flux vs. Wavelength



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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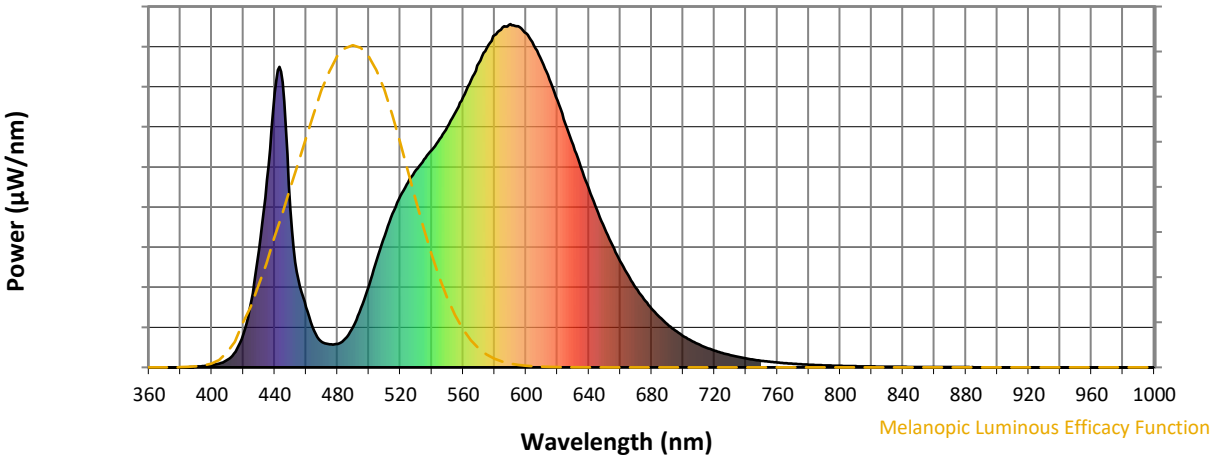
Melanopic Flux vs. Wavelength



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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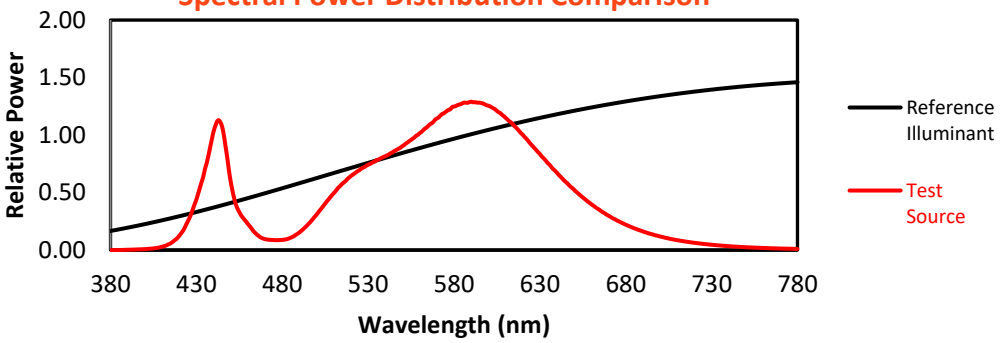
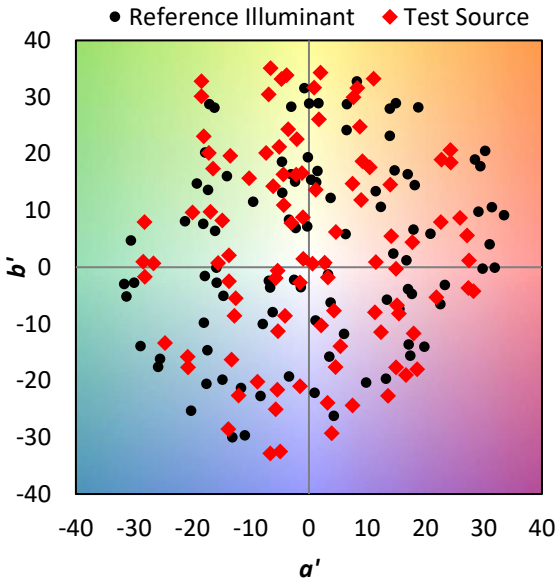
Summary

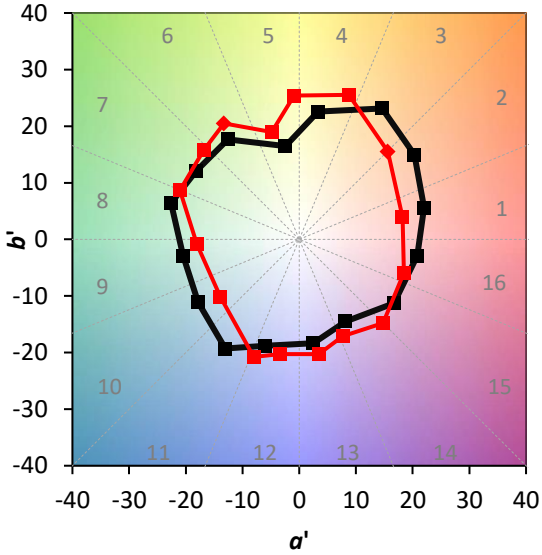
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

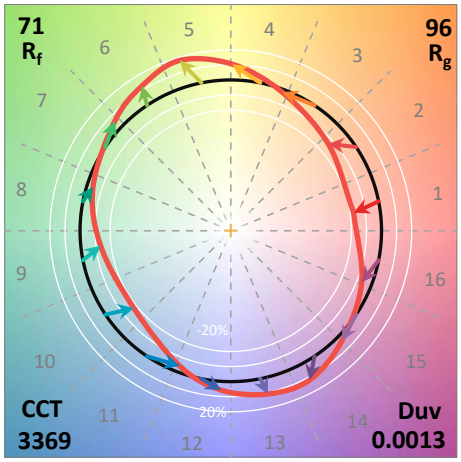
Spectral Power Distribution Comparison

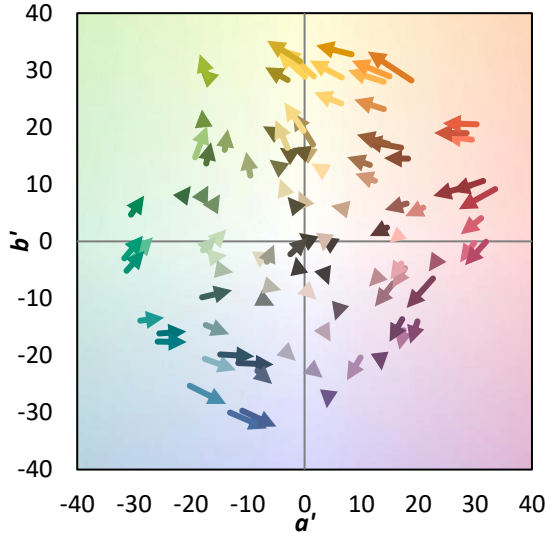


Color Vector Graphics









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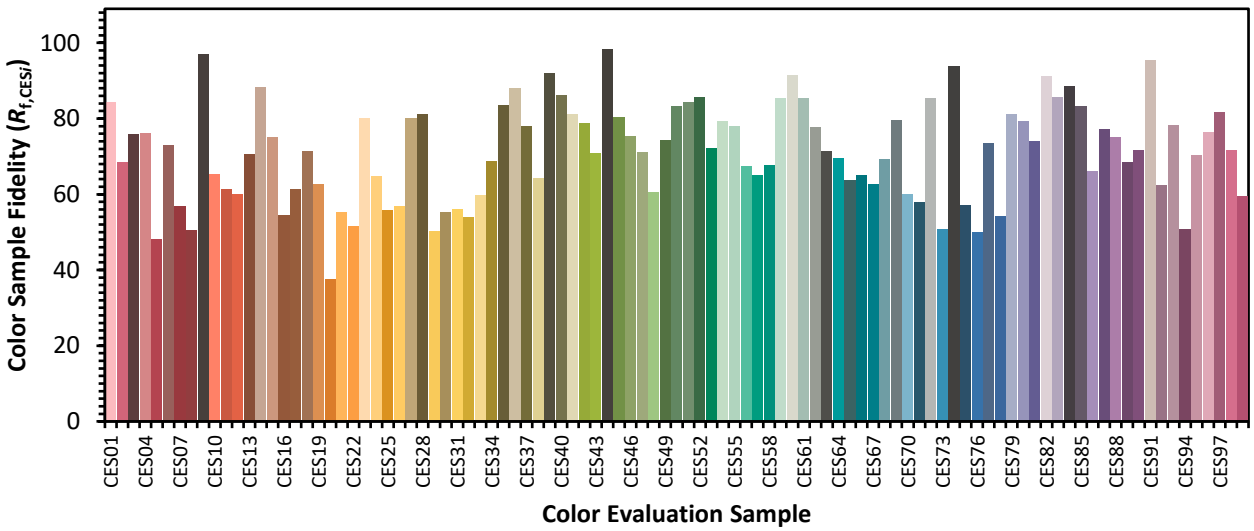
Individual Sample Fidelity Index ($R_{f,i}$)

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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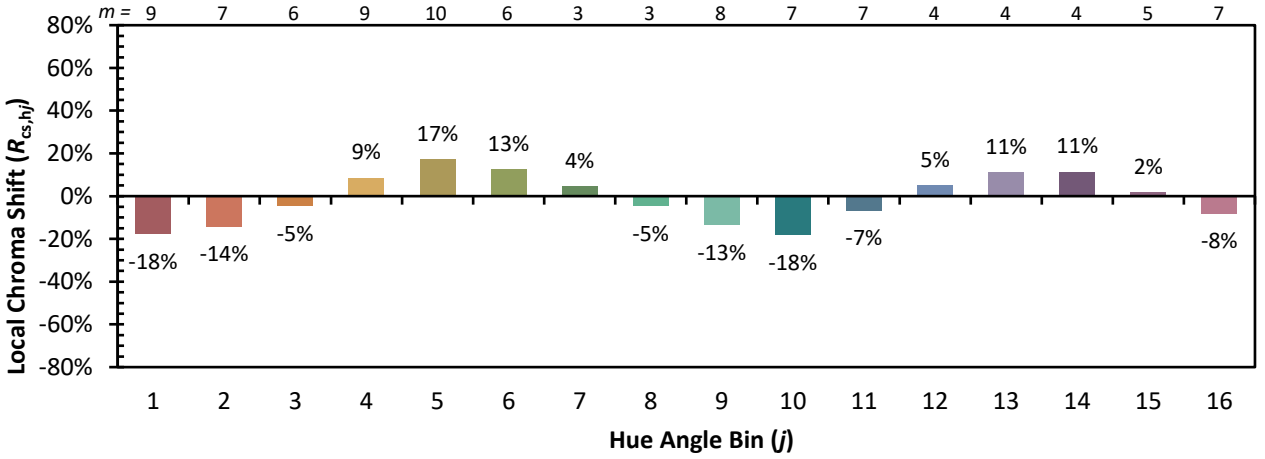
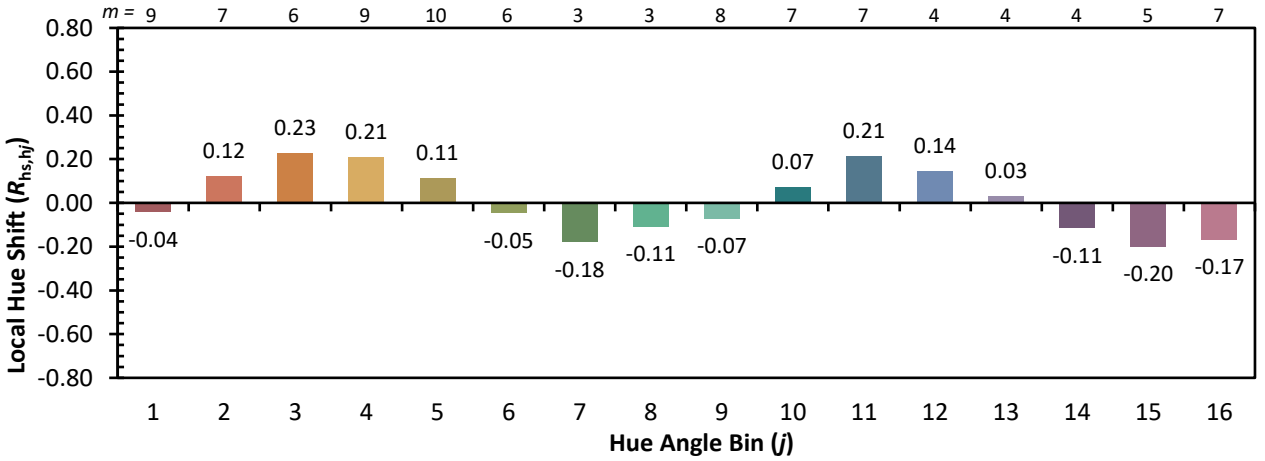
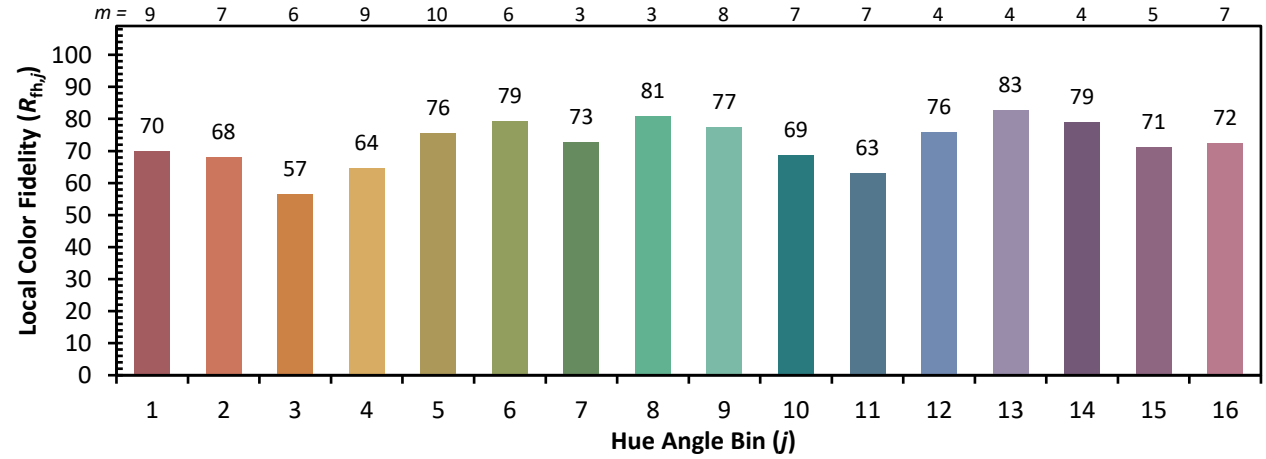
Color Rendition by Hue-Angle Bin







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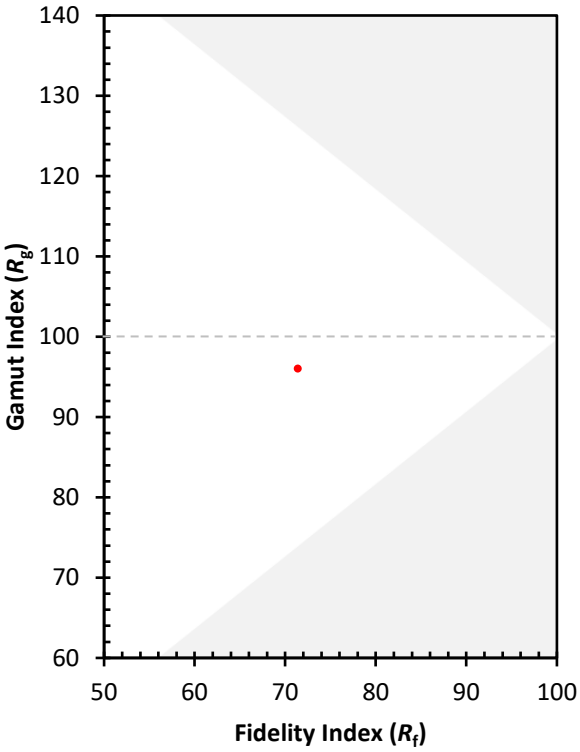
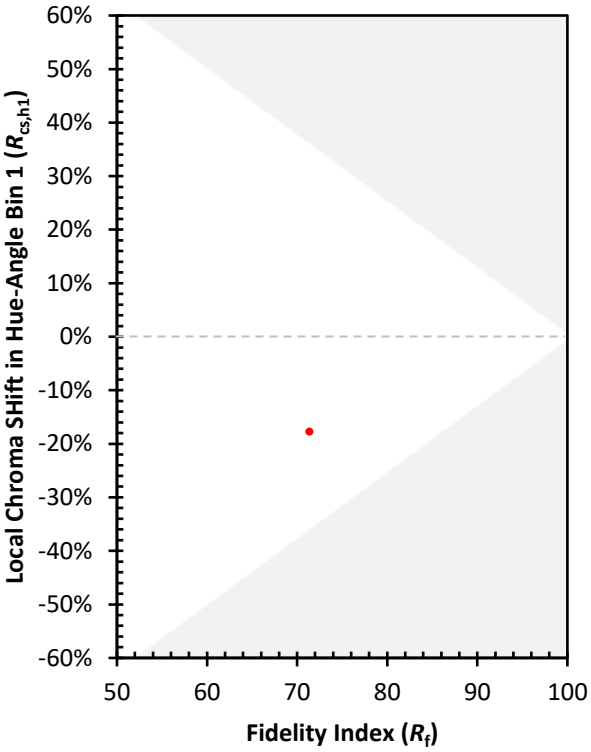
Measure Comparisons





(END OF REPORT)