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: P1067028

Luminaire Tested: **NAV-SA6D-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:	P1067028
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA6D-735-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE 70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 3500K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	35486.1 lumens
Efficiency:	N/A
Efficacy:	110.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G5

Input Watts (W):	320.4
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: P1067028
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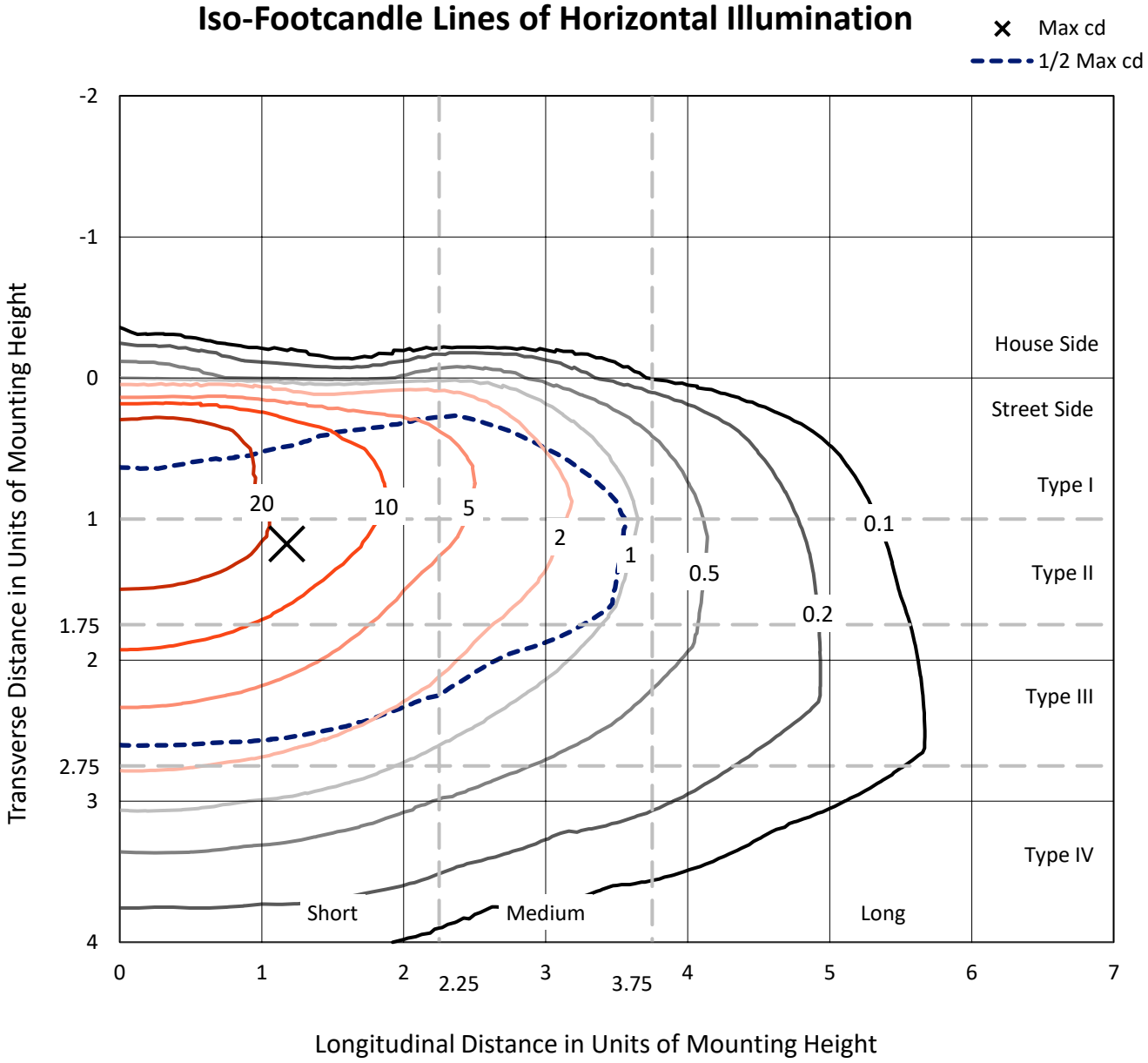
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 38.7 fc
Type III - Short - N/A

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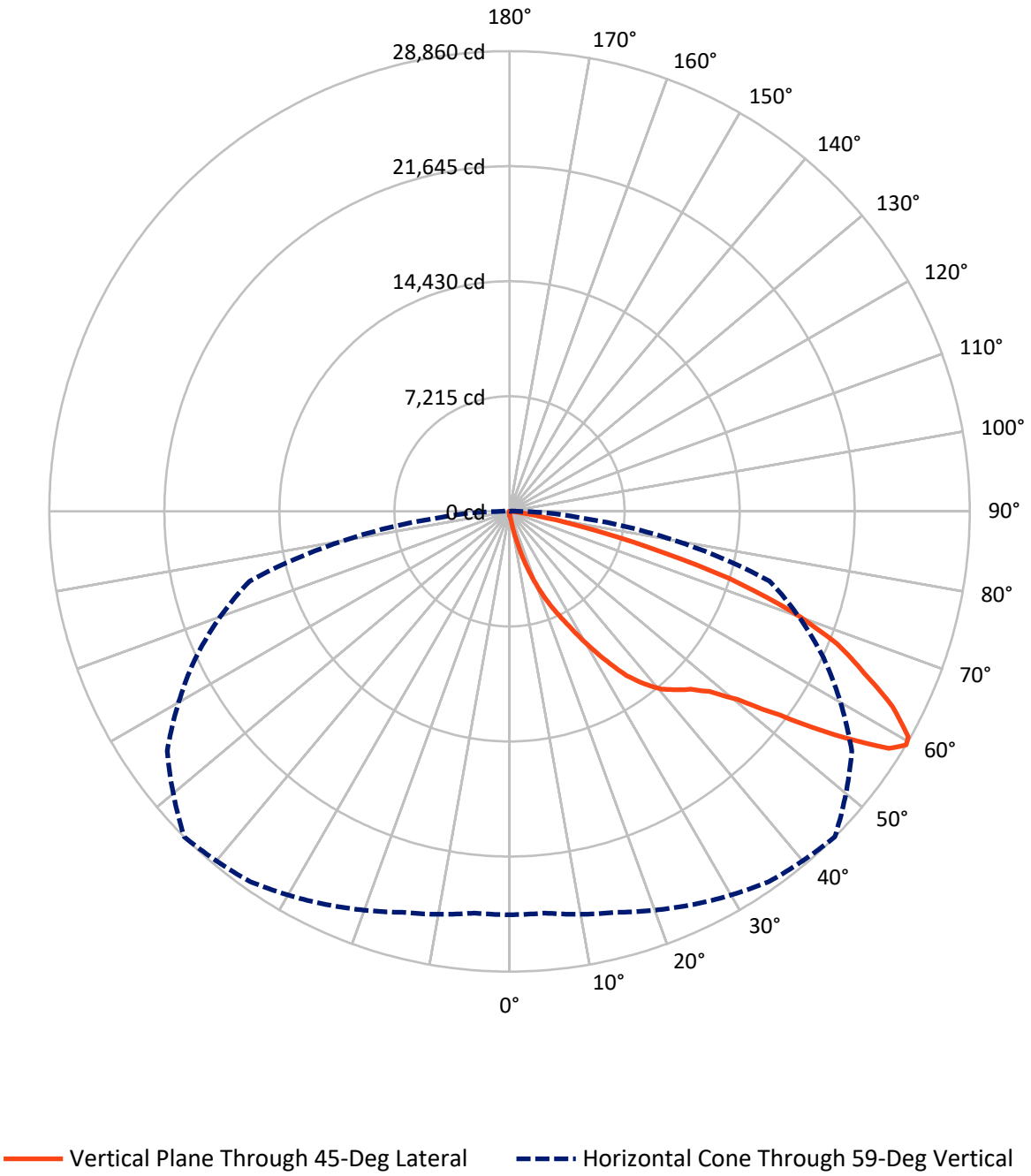
Luminous Intensity Polar Plot



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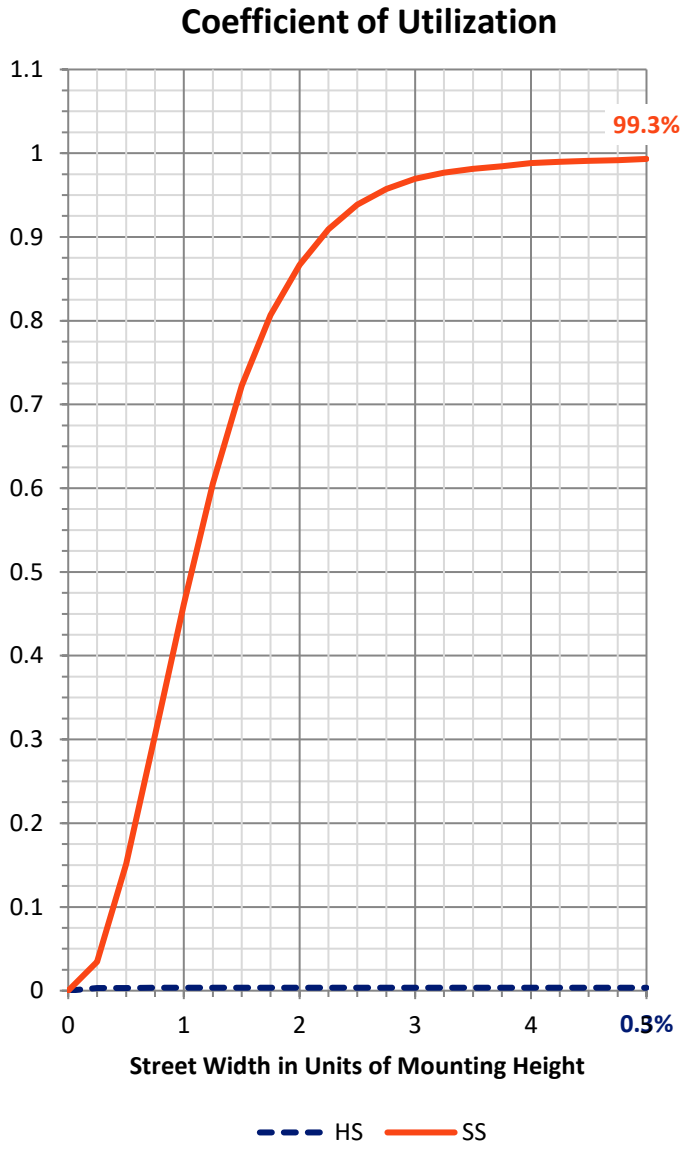
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	126.0	0.0	126.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35360.1	0.0	35360.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	35486.1	0.0	35486.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.0	0.1
10°-20°	392.2	1.1
20°-30°	1409.3	4.0
30°-40°	3274.9	9.2
40°-50°	5581.8	15.7
50°-60°	9197.3	25.9
60°-70°	10634.1	30.0
70°-80°	4568.8	12.9
80°-90°	394.8	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°	35486.1	100.0
0°-180°	35486.1	100.0



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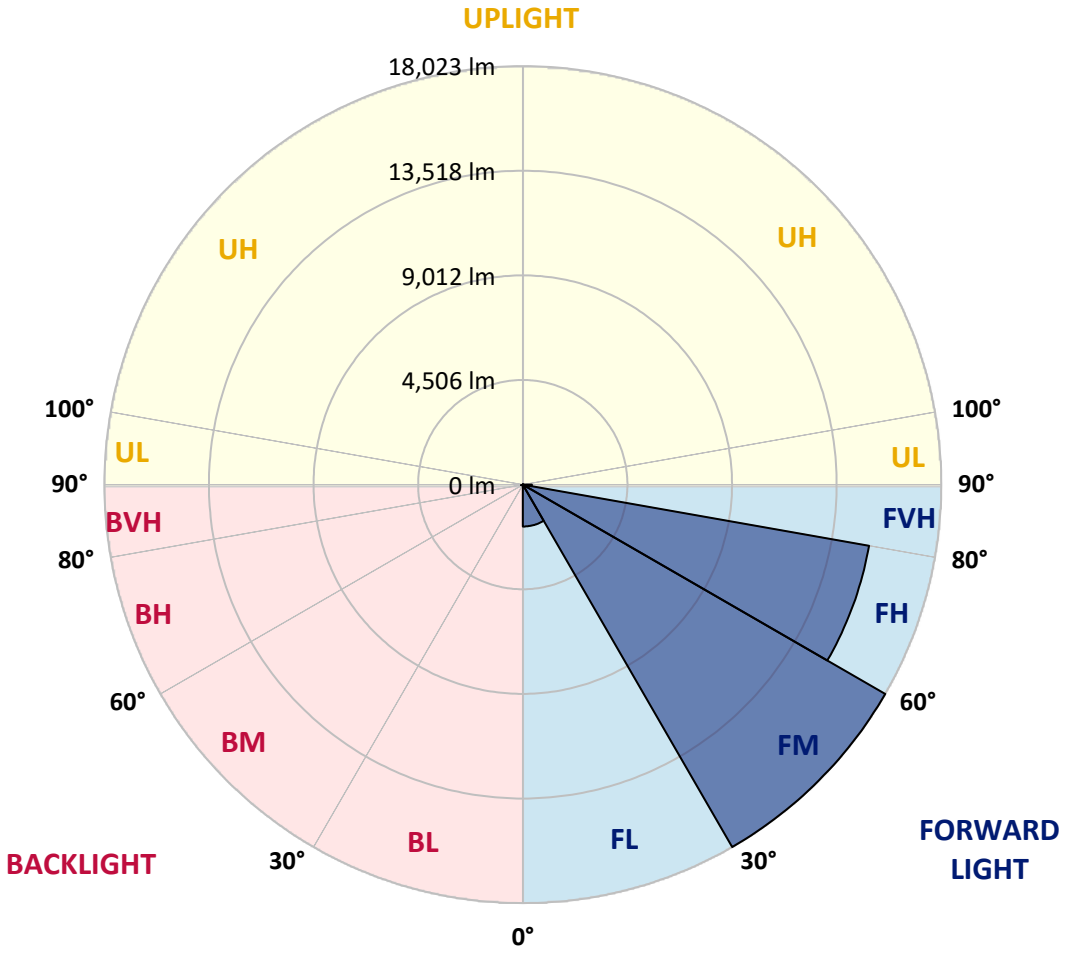
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1803.4	5.1			
FM	(30°-60°)	18023.4	50.8			
FH	(60°-80°)	15143.6	42.7			G5
FVH	(80°-90°)	389.7	1.1			G3/500
BL	(0°-30°)	31.1	0.1	B0/110		
BM	(30°-60°)	30.5	0.1	B0/220		
BH	(60°-80°)	59.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.1	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 III Short



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Scaled Data Report

REPORT NUMBER: P1067028
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	224.3	224.3	224.3	224.3	224.3	224.3	*224.3*	224.3	224.3	224.3	224.3
2.5°	291.1	291.1	283.9	274.4	272.0	264.9	*264.9*	257.7	248.2	241.0	231.5
5°	422.3	420.0	400.9	377.0	346.0	326.9	*326.9*	300.6	276.8	255.3	236.2
7.5°	923.4	901.9	832.7	718.2	567.9	467.7	*460.5*	374.6	317.4	274.4	238.6
10°	2118.9	2044.9	1947.1	1672.7	1236.0	863.8	*847.1*	546.4	379.4	295.9	243.4
12.5°	3471.8	3531.4	3335.8	2903.9	2393.3	1780.0	*1660.7*	921.0	501.1	324.5	248.2
15°	4703.0	4688.7	4578.9	4225.8	3636.4	2820.4	*2746.4*	1601.1	718.2	369.8	252.9
17.5°	5624.0	5607.3	5502.3	5275.7	4822.3	4006.3	*3941.8*	2553.1	1126.2	434.3	257.7
20°	6595.2	6573.7	6425.8	6244.4	5848.3	5154.0	*5077.6*	3617.3	1763.3	539.3	257.7
22.5°	7759.6	7719.0	7561.5	7253.7	6836.2	6232.5	*6163.3*	4705.4	2553.1	711.1	269.6
25°	9167.4	9098.2	8881.0	8604.3	8100.8	7299.1	*7225.1*	5917.5	3505.2	971.1	281.6
27.5°	10773.2	10785.2	10491.7	10024.0	9348.7	8530.3	*8391.9*	7003.2	4490.6	1343.4	295.9
30°	12679.7	12560.4	12147.6	11603.6	10947.4	9904.7	*9771.1*	8084.1	5597.8	1892.2	319.7
32.5°	14464.5	14335.7	13779.7	13094.9	12391.0	11291.0	*11181.2*	9298.6	6604.7	2541.2	362.7
35°	15996.4	15905.7	15127.8	14292.7	13667.6	12684.5	*12651.1*	10653.9	7788.2	3240.3	410.4
37.5°	17344.5	17179.9	16180.1	15314.0	14679.3	13798.8	*13727.2*	11894.7	8928.8	4051.6	482.0
40°	18494.6	18404.0	17184.7	16046.5	15531.1	14743.7	*14653.0*	12982.7	10107.5	4994.1	570.3
42.5°	19725.9	19606.5	18423.0	17146.5	16196.8	15354.5	*15294.9*	13879.9	11157.4	6029.7	701.5
45°	21116.9	20895.0	19857.1	18711.8	17268.2	15986.8	*15920.0*	14679.3	12233.5	7141.6	861.4
47.5°	22603.5	22410.2	21570.3	20766.2	19105.5	17029.6	*16886.4*	15359.3	13302.5	8425.3	1064.2
50°	24116.3	24121.0	23491.1	23104.6	21350.8	18723.7	*18520.9*	16359.1	14426.3	9799.7	1364.8
52.5°	25877.2	25922.5	25913.0	25626.7	24266.6	21493.9	*21221.9*	17876.6	15731.5	11403.1	1780.0
55°	26614.5	26695.6	27223.0	27857.7	27487.8	25006.3	*24715.2*	20494.2	17461.4	13190.3	2395.6
57.5°	26010.8	26101.5	26829.3	27941.2	28790.6	28082.0	*28048.6*	23901.5	19740.2	15356.9	3402.6
59°	*25292.6*	*25280.7*	*26027.5*	*27206.3*	*28351.6*	*28812.1*	*28859.8*	*26206.5*	*21725.4*	*16876.9*	*4271.1*
60°	24815.4	24824.9	25321.2	26531.0	27747.9	28547.2	*28733.4*	27564.2	22885.0	17969.7	5015.6
62.5°	22973.3	23083.1	23476.8	24600.6	25755.5	26647.9	*26965.3*	28773.9	26204.1	20551.4	7604.5
65°	20971.4	20978.6	21539.3	22500.9	23608.0	24235.6	*24436.0*	26891.3	28420.8	23180.9	10999.9
67.5°	17399.4	17545.0	18182.0	19740.2	21202.8	21997.4	*22150.1*	23407.6	27502.1	24894.1	12701.2
70°	12176.2	12367.1	13276.2	15297.3	17475.8	18781.0	*18771.4*	19458.6	24204.6	24130.6	10768.4
72.5°	6079.8	6409.1	7151.1	9315.3	11954.3	14004.0	*14435.9*	15652.8	19444.3	20043.2	8034.0
75°	2686.7	2705.8	3128.2	4218.6	5941.4	8544.6	*8931.2*	12424.4	14917.9	13930.0	5803.0
77.5°	1562.9	1577.2	1653.6	1894.6	2407.6	4187.6	*4621.9*	8148.5	10541.8	8096.0	3784.3
80°	567.9	582.2	579.8	718.2	1054.7	1648.8	*1837.3*	3949.0	7031.8	4264.0	1982.8
82.5°	348.4	348.4	336.4	338.8	384.2	632.3	*692.0*	1682.2	3424.0	2099.8	567.9
85°	171.8	181.3	193.3	217.1	257.7	312.6	*331.7*	482.0	1152.5	508.2	136.0
87.5°	102.6	105.0	114.5	138.4	171.8	224.3	*238.6*	326.9	412.8	341.2	33.4
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-SA6D-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3	224.3
2.5°	226.7	224.3	212.4	202.8	193.3	183.7	176.6	169.4	169.4	171.8	169.4
5°	226.7	217.1	198.0	181.3	167.0	155.1	143.2	133.6	131.2	131.2	133.6
7.5°	224.3	212.4	186.1	164.6	145.6	128.8	116.9	105.0	102.6	105.0	102.6
10°	221.9	207.6	176.6	150.3	124.1	107.4	90.7	78.7	78.7	78.7	81.1
12.5°	221.9	200.4	167.0	136.0	107.4	88.3	71.6	59.7	57.3	57.3	57.3
15°	219.5	195.7	157.5	119.3	90.7	66.8	52.5	40.6	40.6	40.6	40.6
17.5°	214.7	188.5	145.6	105.0	71.6	50.1	35.8	23.9	23.9	28.6	28.6
20°	210.0	181.3	131.2	85.9	59.7	38.2	23.9	14.3	14.3	21.5	23.9
22.5°	212.4	181.3	121.7	76.4	47.7	28.6	19.1	11.9	9.5	16.7	21.5
25°	214.7	176.6	109.8	66.8	35.8	21.5	14.3	4.8	2.4	4.8	7.2
27.5°	214.7	171.8	95.4	52.5	26.2	16.7	7.2	0.0	0.0	0.0	0.0
30°	212.4	164.6	83.5	42.9	19.1	9.5	2.4	0.0	0.0	0.0	0.0
32.5°	210.0	157.5	76.4	33.4	16.7	4.8	0.0	0.0	0.0	0.0	0.0
35°	212.4	147.9	66.8	26.2	9.5	0.0	0.0	0.0	0.0	0.0	4.8
37.5°	219.5	138.4	57.3	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	229.1	131.2	47.7	16.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	248.2	131.2	42.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	272.0	131.2	35.8	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	303.0	133.6	31.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	341.2	138.4	28.6	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	369.8	133.6	26.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	420.0	128.8	23.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	486.8	121.7	23.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*553.6*	*112.1*	*23.9*	*2.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	629.9	107.4	21.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1040.3	95.4	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2009.1	90.7	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3247.5	90.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3414.5	90.7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2271.6	74.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1216.9	66.8	7.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	656.2	62.0	9.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	288.7	45.3	11.9	7.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	114.5	31.0	14.3	11.9	9.5	4.8	0.0	0.0	0.0	0.0	0.0
85°	54.9	23.9	19.1	16.7	11.9	7.2	0.0	0.0	0.0	0.0	0.0
87.5°	26.2	23.9	21.5	19.1	16.7	11.9	2.4	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

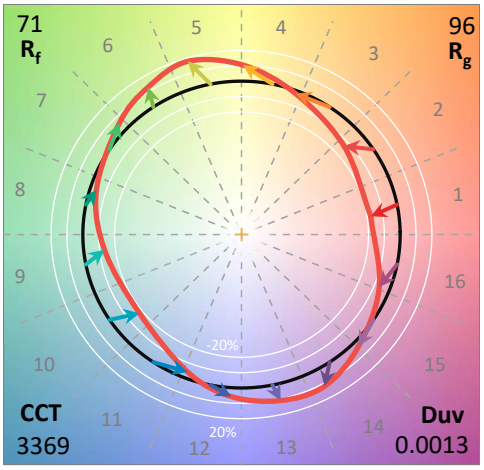
Test Information

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

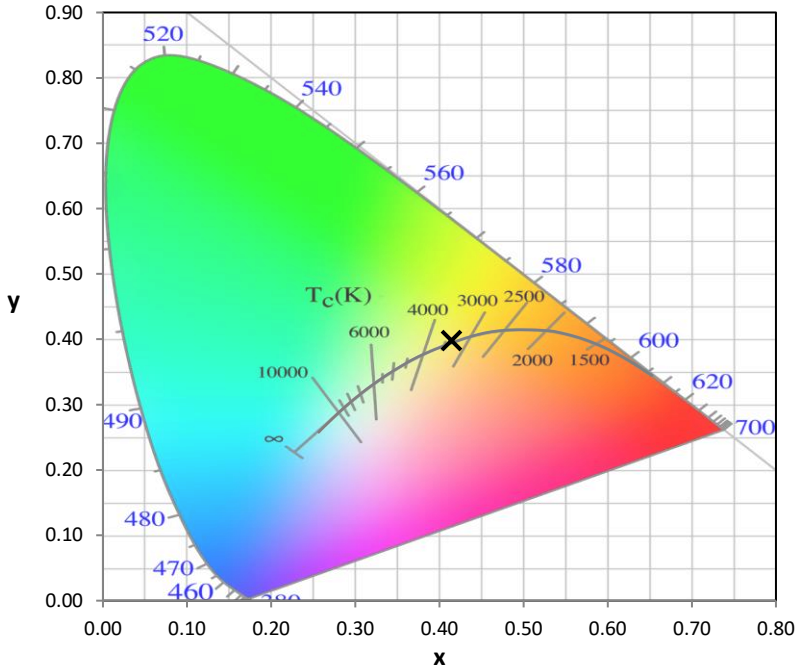
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-5

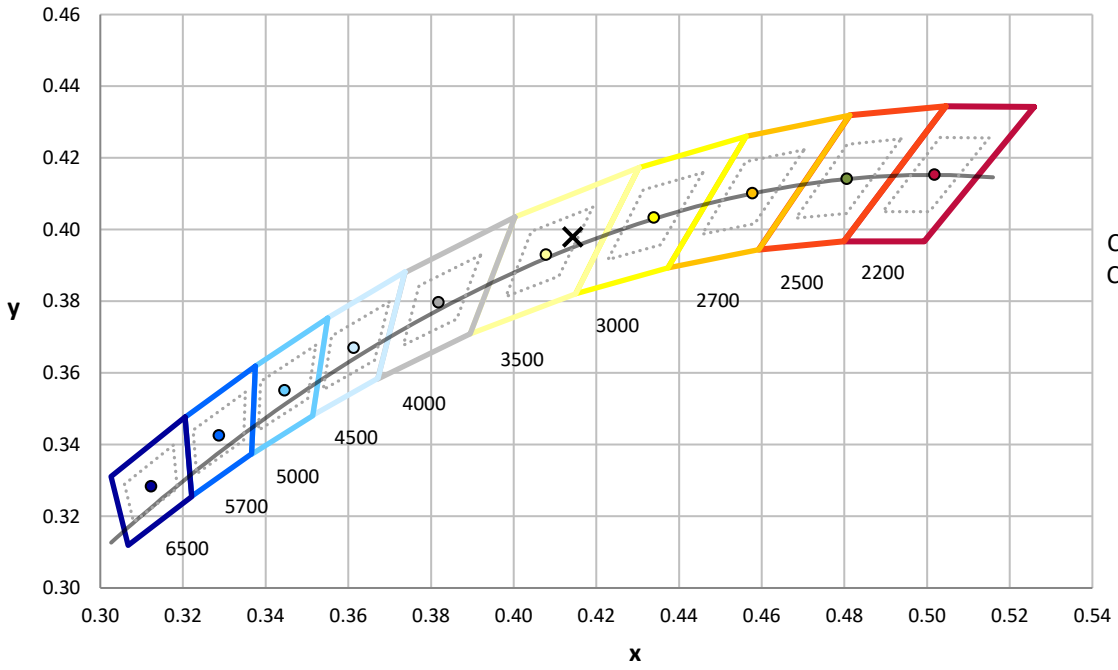
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

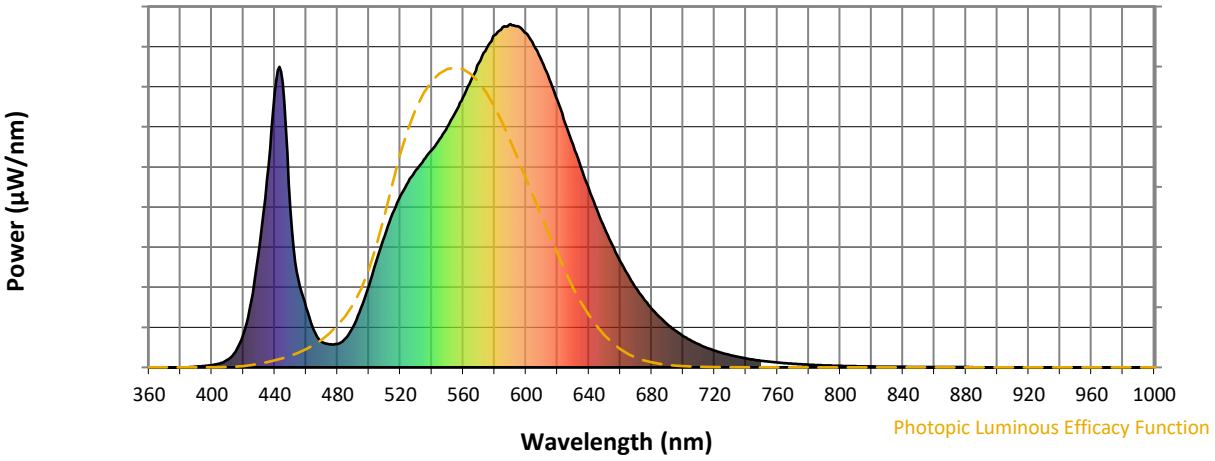


CCT = 3369K
CIE x = 0.4143
CIE y = 0.3980
Duv = 0.0013

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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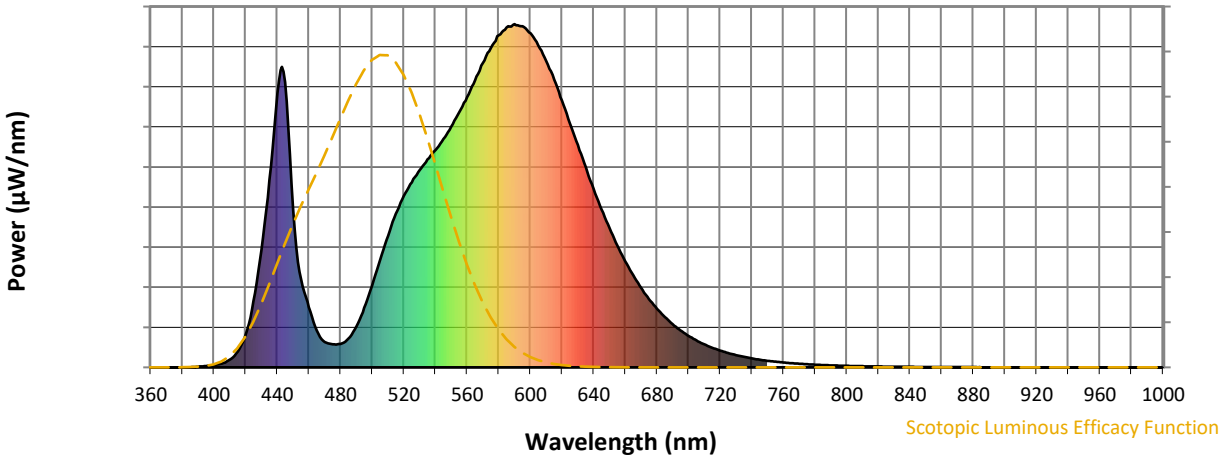
Scotopic Flux vs. Wavelength



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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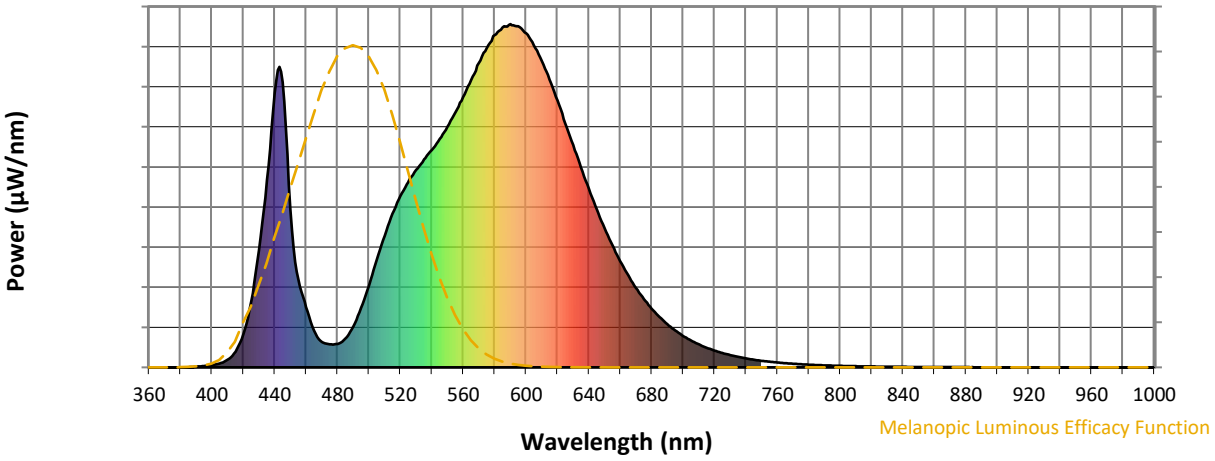
Melanopic Flux vs. Wavelength



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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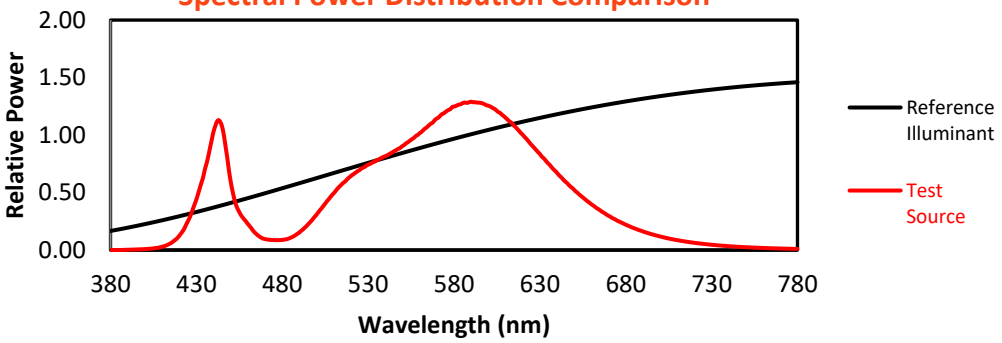
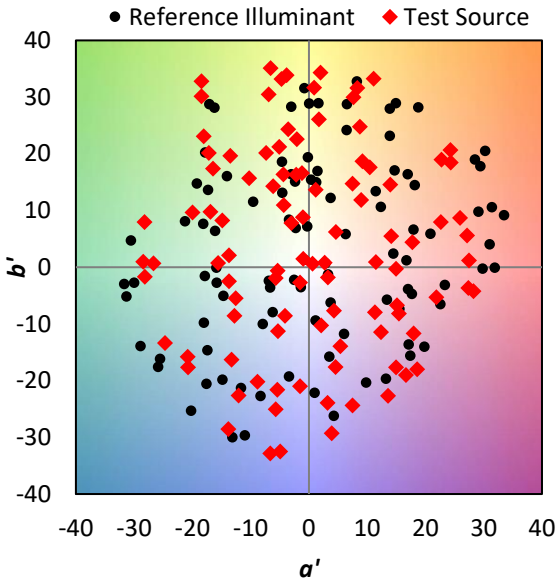
Summary

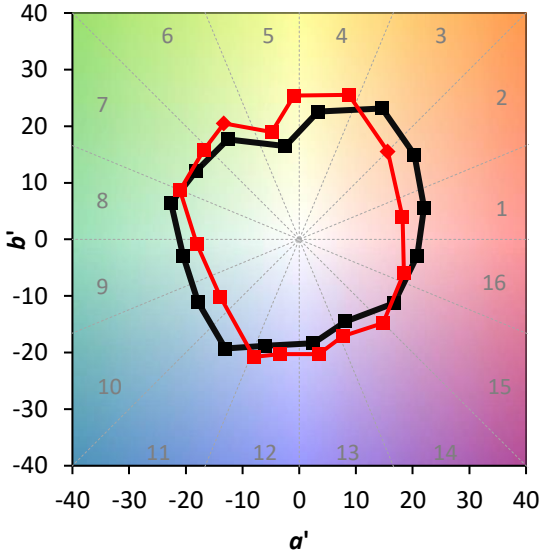
R_f = 71.4
R_g = 96
CIE R_a = 70.1
R_9 = -40.2

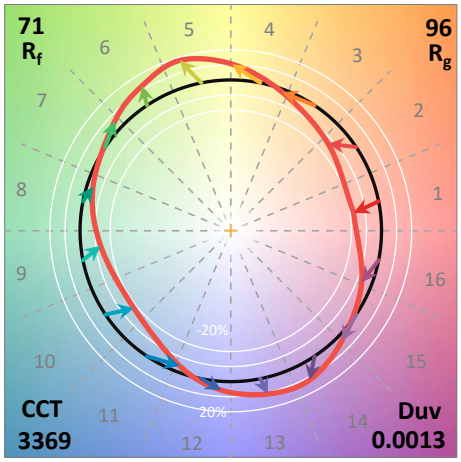
Spectral Power Distribution Comparison

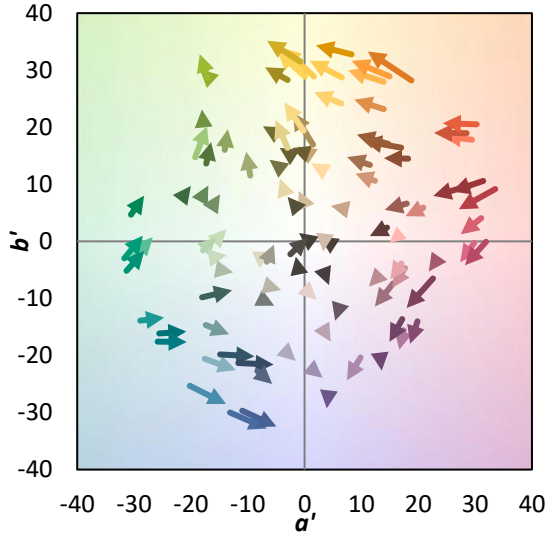


Color Vector Graphics









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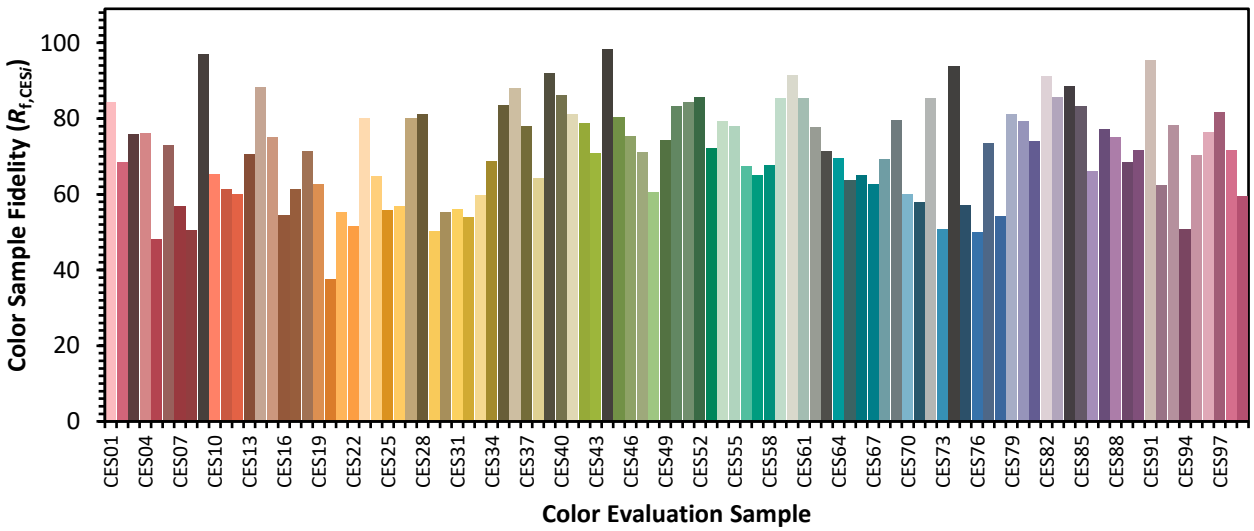
Individual Sample Fidelity Index ($R_{f,i}$)

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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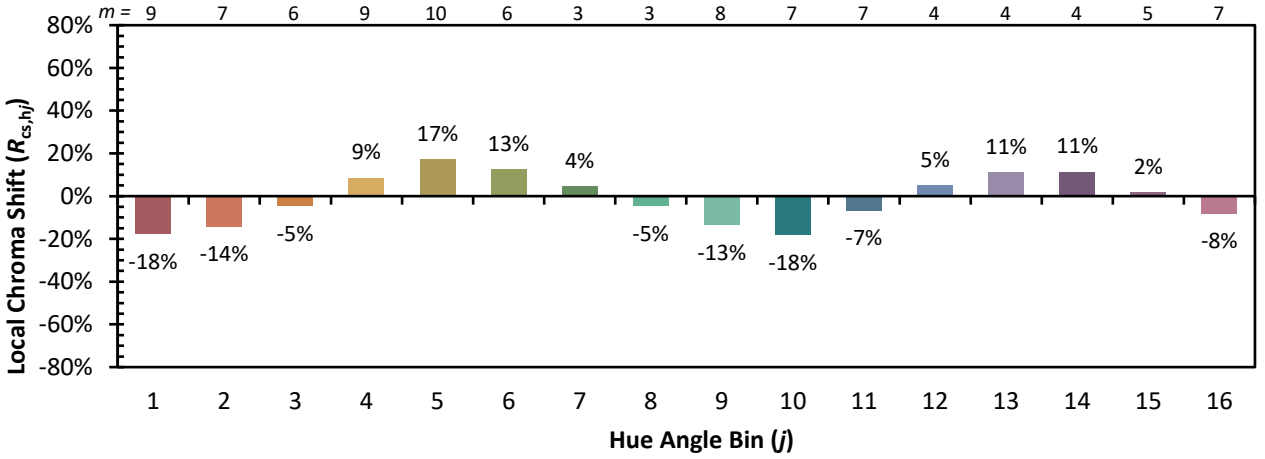
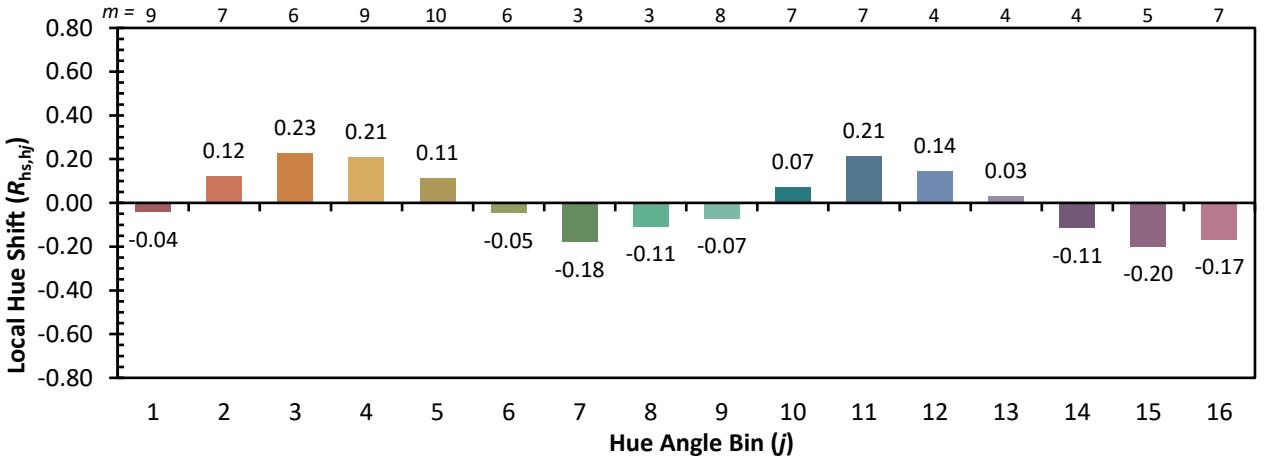
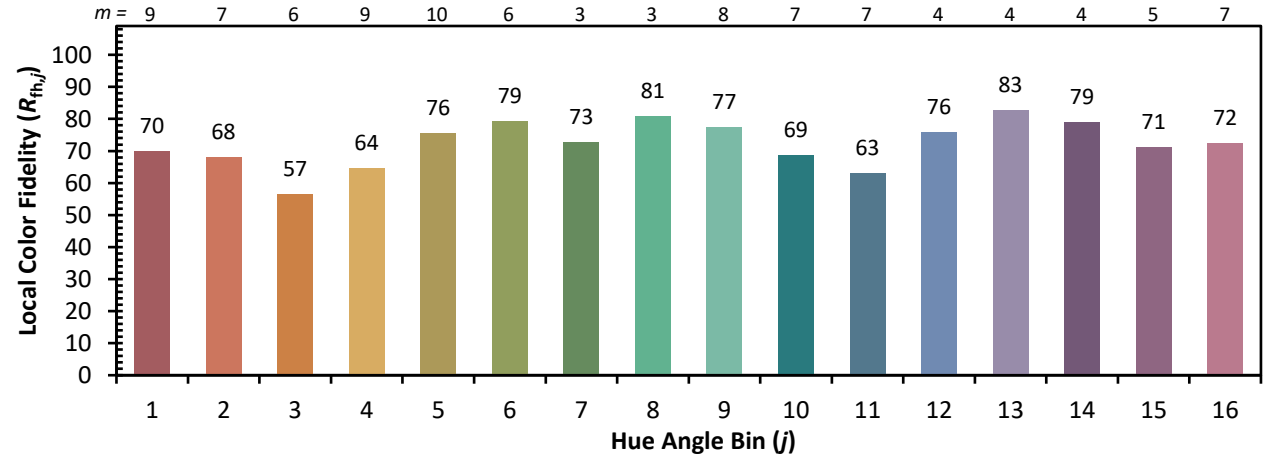
Color Rendition by Hue-Angle Bin







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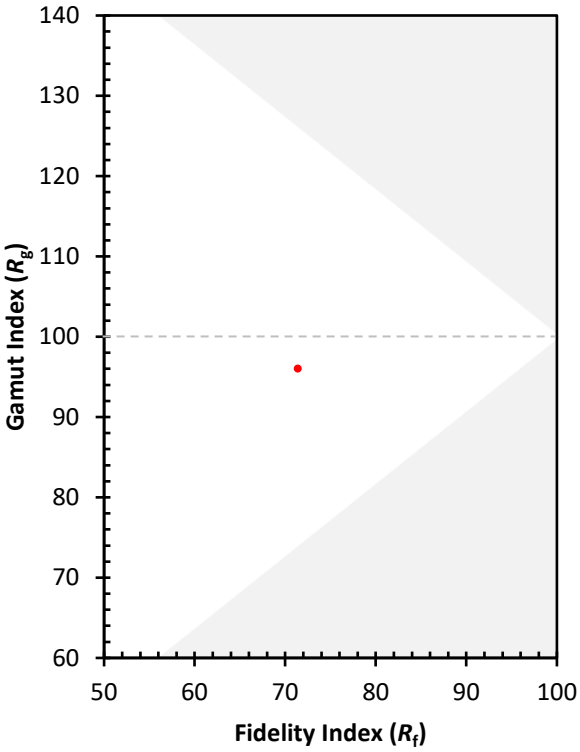
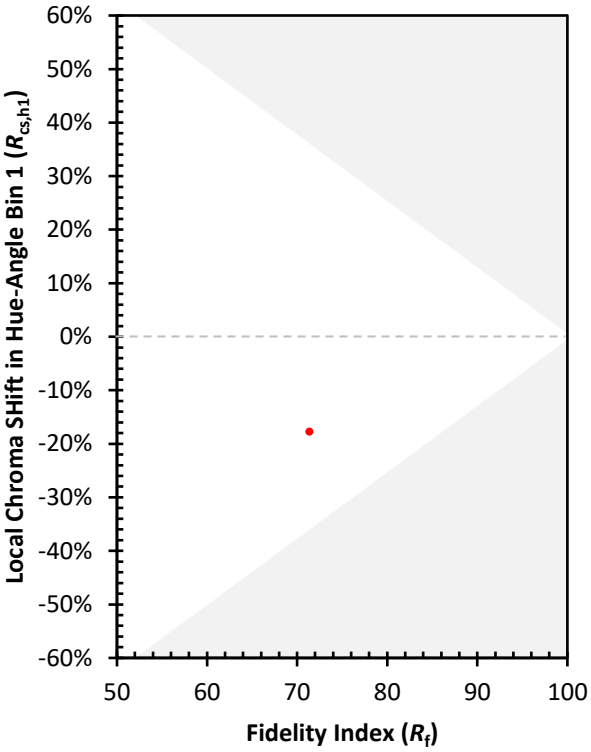
Measure Comparisons





(END OF REPORT)