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: P1066986

Luminaire Tested: **NAV-SA2B-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:	P1066986
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA2B-730-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(28) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8576.2 lumens
Efficiency:	N/A
Efficacy:	117.8 lumens/watt
Luminous Opening:	Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G2

Input Watts (W):	72.8
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: P1066986
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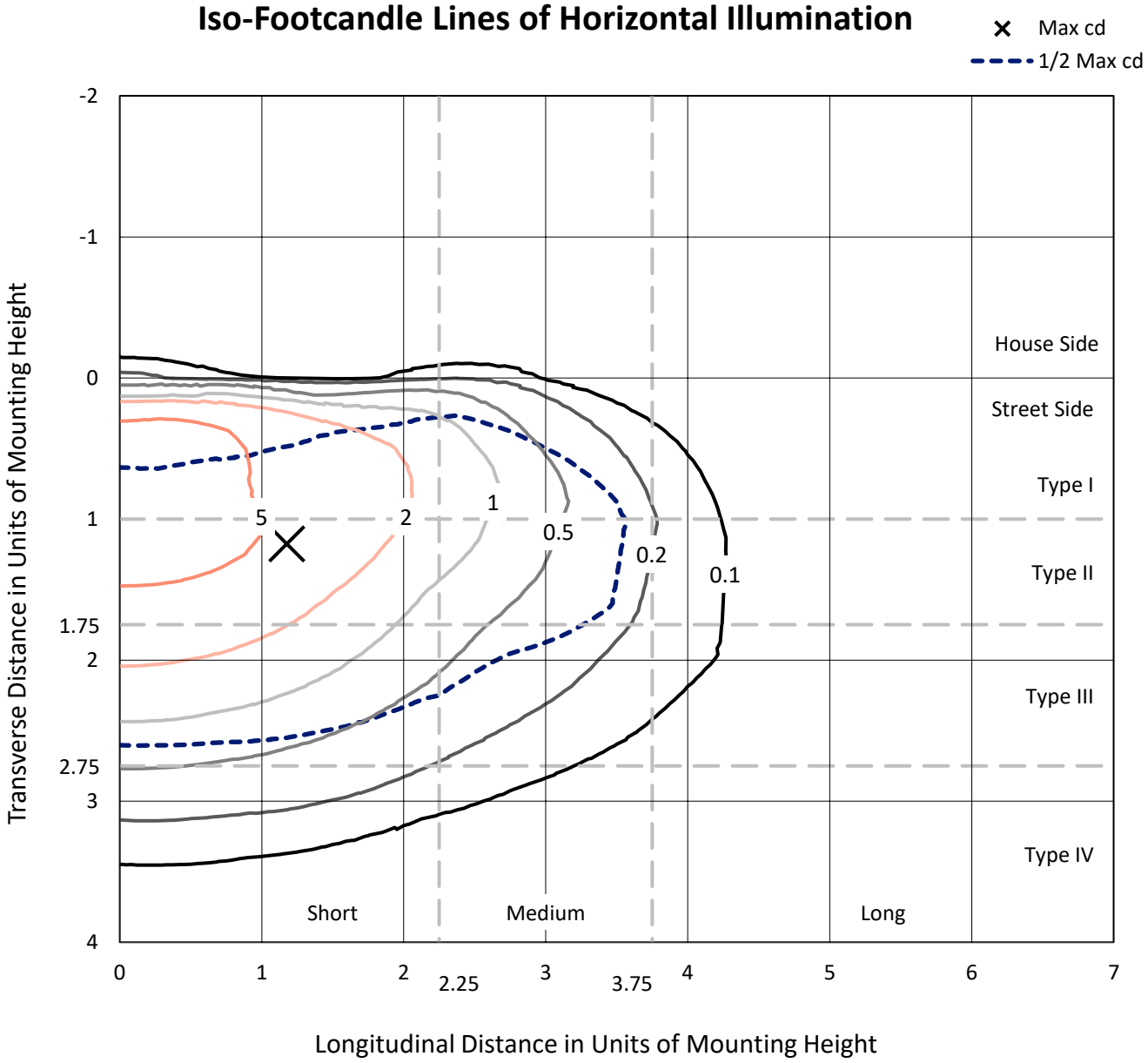
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 9.4 fc
Type III - Short - N/A

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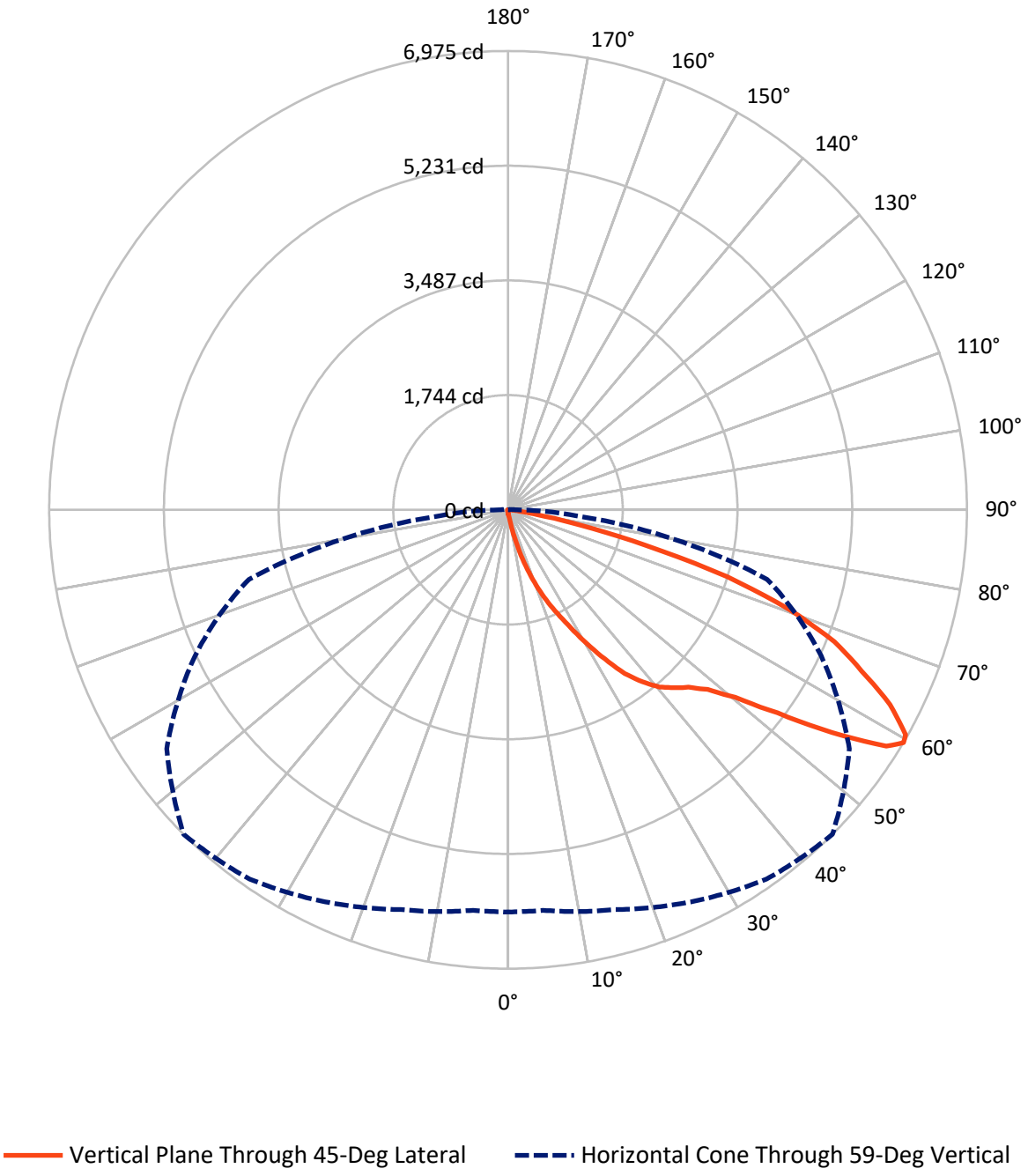
Luminous Intensity Polar Plot



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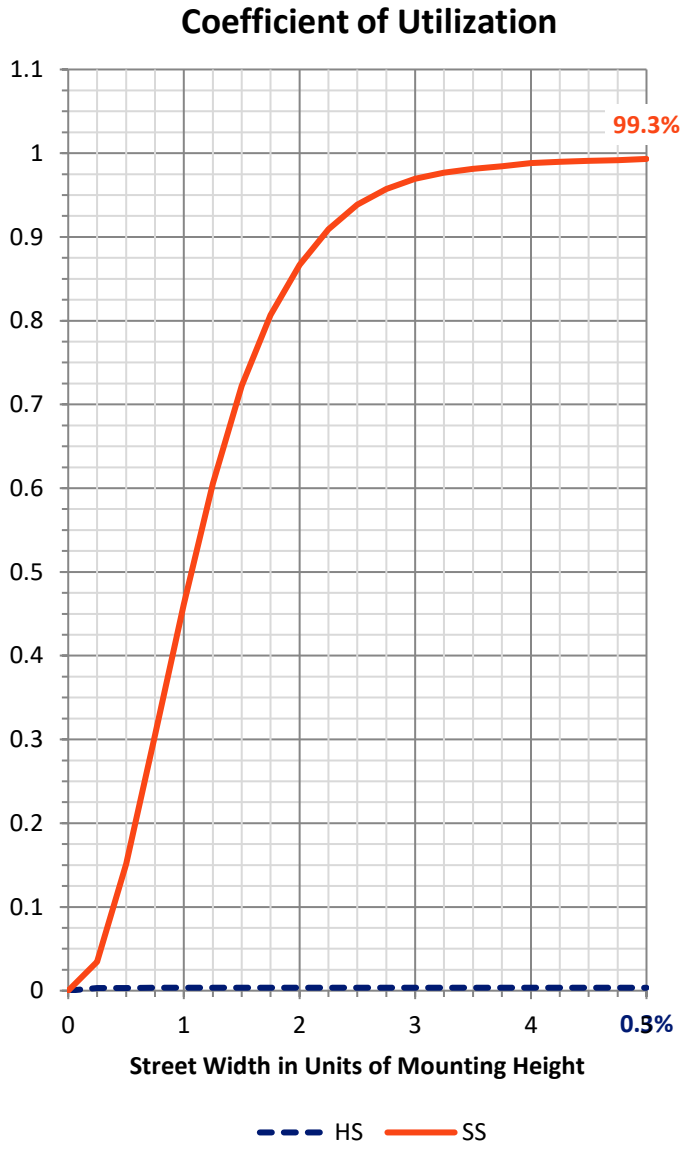
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.4	0.0	30.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8545.7	0.0	8545.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	8576.2	0.0	8576.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.1
10°-20°	94.8	1.1
20°-30°	340.6	4.0
30°-40°	791.5	9.2
40°-50°	1349.0	15.7
50°-60°	2222.8	25.9
60°-70°	2570.0	30.0
70°-80°	1104.2	12.9
80°-90°	95.4	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°	8576.2	100.0
0°-180°	8576.2	100.0



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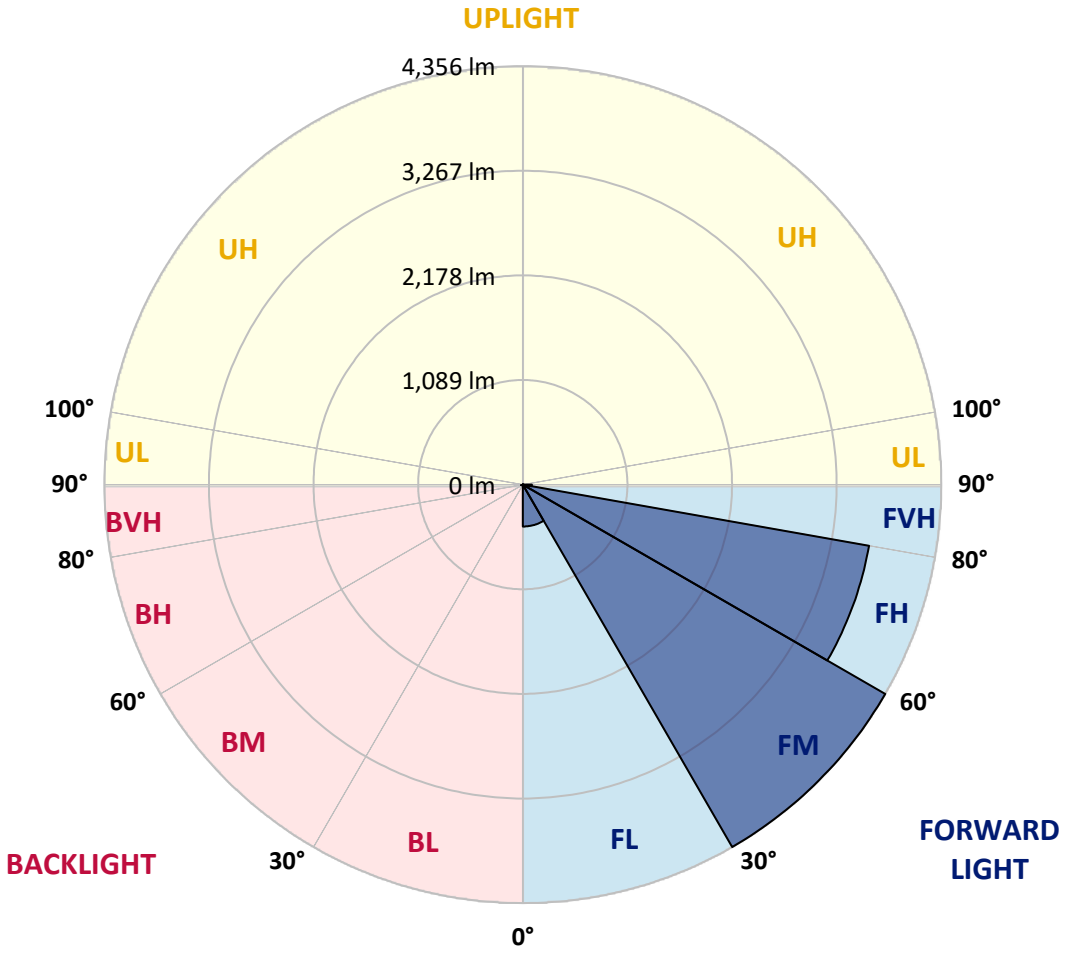
CATALOG NUMBER: NAV-SA2B-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	435.8	5.1			
FM	(30°-60°)	4355.9	50.8			
FH	(60°-80°)	3659.8	42.7			G2/5000
FVH	(80°-90°)	94.2	1.1			G1/100
BL	(0°-30°)	7.5	0.1	B0/110		
BM	(30°-60°)	7.4	0.1	B0/220		
BH	(60°-80°)	14.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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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Scaled Data Report

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	54.2	54.2	54.2	54.2	54.2	54.2	*54.2*	54.2	54.2	54.2	54.2
2.5°	70.4	70.4	68.6	66.3	65.7	64.0	*64.0*	62.3	60.0	58.2	55.9
5°	102.1	101.5	96.9	91.1	83.6	79.0	*79.0*	72.7	66.9	61.7	57.1
7.5°	223.2	218.0	201.3	173.6	137.2	113.0	*111.3*	90.5	76.7	66.3	57.7
10°	512.1	494.2	470.6	404.2	298.7	208.8	*204.7*	132.1	91.7	71.5	58.8
12.5°	839.0	853.5	806.2	701.8	578.4	430.2	*401.4*	222.6	121.1	78.4	60.0
15°	1136.6	1133.1	1106.6	1021.3	878.8	681.6	*663.7*	386.9	173.6	89.4	61.1
17.5°	1359.2	1355.2	1329.8	1275.0	1165.4	968.2	*952.6*	617.0	272.2	105.0	62.3
20°	1593.9	1588.7	1553.0	1509.1	1413.4	1245.6	*1227.1*	874.2	426.2	130.3	62.3
22.5°	1875.3	1865.5	1827.4	1753.1	1652.1	1506.2	*1489.5*	1137.2	617.0	171.8	65.2
25°	2215.5	2198.8	2146.3	2079.5	1957.8	1764.0	*1746.1*	1430.1	847.1	234.7	68.0
27.5°	2603.6	2606.5	2535.6	2422.6	2259.4	2061.6	*2028.1*	1692.5	1085.3	324.7	71.5
30°	3064.4	3035.6	2935.8	2804.3	2645.7	2393.7	*2361.4*	1953.7	1352.9	457.3	77.3
32.5°	3495.7	3464.6	3330.2	3164.7	2994.6	2728.8	*2702.2*	2247.3	1596.2	614.1	87.7
35°	3866.0	3844.0	3656.1	3454.2	3303.1	3065.5	*3057.5*	2574.8	1882.2	783.1	99.2
37.5°	4191.8	4152.0	3910.4	3701.0	3547.6	3334.9	*3317.6*	2874.7	2157.9	979.2	116.5
40°	4469.7	4447.8	4153.1	3878.1	3753.5	3563.2	*3541.3*	3137.6	2442.8	1207.0	137.8
42.5°	4767.3	4738.5	4452.4	4143.9	3914.4	3710.8	*3696.4*	3354.5	2696.5	1457.2	169.5
45°	5103.5	5049.9	4799.0	4522.2	4173.3	3863.7	*3847.5*	3547.6	2956.6	1726.0	208.2
47.5°	5462.7	5416.0	5213.0	5018.7	4617.4	4115.7	*4081.1*	3712.0	3214.9	2036.2	257.2
50°	5828.3	5829.5	5677.3	5583.8	5160.0	4525.1	*4476.1*	3953.6	3486.5	2368.4	329.9
52.5°	6253.9	6264.9	6262.6	6193.4	5864.7	5194.6	*5128.9*	4320.4	3801.9	2755.9	430.2
55°	6432.1	6451.7	6579.2	6732.6	6643.2	6043.4	*5973.1*	4953.0	4220.0	3187.8	579.0
57.5°	6286.2	6308.1	6484.0	6752.7	6958.0	6786.8	*6778.7*	5776.4	4770.7	3711.4	822.3
59°	*6112.6*	*6109.8*	*6290.3*	*6575.1*	*6851.9*	*6963.2*	*6974.8*	*6333.5*	*5250.5*	*4078.7*	*1032.2*
60°	5997.3	5999.6	6119.6	6411.9	6706.0	6899.2	*6944.2*	6661.6	5530.8	4342.9	1212.1
62.5°	5552.1	5578.7	5673.8	5945.4	6224.5	6440.2	*6516.9*	6954.0	6332.9	4966.8	1837.8
65°	5068.3	5070.0	5205.6	5437.9	5705.5	5857.2	*5905.6*	6499.0	6868.7	5602.3	2658.4
67.5°	4205.0	4240.2	4394.2	4770.7	5124.2	5316.3	*5353.2*	5657.1	6646.6	6016.3	3069.6
70°	2942.7	2988.9	3208.6	3697.0	4223.5	4538.9	*4536.6*	4702.7	5849.7	5831.8	2602.5
72.5°	1469.3	1548.9	1728.3	2251.3	2889.1	3384.4	*3488.8*	3782.9	4699.2	4844.0	1941.6
75°	649.3	653.9	756.0	1019.5	1435.9	2065.0	*2158.5*	3002.7	3605.3	3366.6	1402.4
77.5°	377.7	381.2	399.6	457.9	581.9	1012.0	*1117.0*	1969.3	2547.7	1956.6	914.6
80°	137.2	140.7	140.1	173.6	254.9	398.5	*444.0*	954.4	1699.4	1030.5	479.2
82.5°	84.2	84.2	81.3	81.9	92.8	152.8	*167.2*	406.5	827.5	507.5	137.2
85°	41.5	43.8	46.7	52.5	62.3	75.5	*80.2*	116.5	278.5	122.8	32.9
87.5°	24.8	25.4	27.7	33.4	41.5	54.2	*57.7*	79.0	99.8	82.5	8.1
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2.5°	54.8	54.2	51.3	49.0	46.7	44.4	42.7	40.9	40.9	41.5	40.9
5°	54.8	52.5	47.9	43.8	40.4	37.5	34.6	32.3	31.7	31.7	32.3
7.5°	54.2	51.3	45.0	39.8	35.2	31.1	28.3	25.4	24.8	25.4	24.8
10°	53.6	50.2	42.7	36.3	30.0	25.9	21.9	19.0	19.0	19.0	19.6
12.5°	53.6	48.4	40.4	32.9	25.9	21.3	17.3	14.4	13.8	13.8	13.8
15°	53.1	47.3	38.1	28.8	21.9	16.1	12.7	9.8	9.8	9.8	9.8
17.5°	51.9	45.6	35.2	25.4	17.3	12.1	8.6	5.8	5.8	6.9	6.9
20°	50.7	43.8	31.7	20.8	14.4	9.2	5.8	3.5	3.5	5.2	5.8
22.5°	51.3	43.8	29.4	18.5	11.5	6.9	4.6	2.9	2.3	4.0	5.2
25°	51.9	42.7	26.5	16.1	8.6	5.2	3.5	1.2	0.6	1.2	1.7
27.5°	51.9	41.5	23.1	12.7	6.3	4.0	1.7	0.0	0.0	0.0	0.0
30°	51.3	39.8	20.2	10.4	4.6	2.3	0.6	0.0	0.0	0.0	0.0
32.5°	50.7	38.1	18.5	8.1	4.0	1.2	0.0	0.0	0.0	0.0	0.0
35°	51.3	35.8	16.1	6.3	2.3	0.0	0.0	0.0	0.0	0.0	1.2
37.5°	53.1	33.4	13.8	5.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	55.4	31.7	11.5	4.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	60.0	31.7	10.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	65.7	31.7	8.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	73.2	32.3	7.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.5	33.4	6.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	89.4	32.3	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	101.5	31.1	5.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	117.6	29.4	5.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*133.8*	*27.1*	*5.8*	*0.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	152.2	25.9	5.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	251.4	23.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	485.6	21.9	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	784.8	21.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	825.2	21.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	549.0	17.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	294.1	16.1	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	158.6	15.0	2.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	69.8	11.0	2.9	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	27.7	7.5	3.5	2.9	2.3	1.2	0.0	0.0	0.0	0.0	0.0
85°	13.3	5.8	4.6	4.0	2.9	1.7	0.0	0.0	0.0	0.0	0.0
87.5°	6.3	5.8	5.2	4.6	4.0	2.9	0.6	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

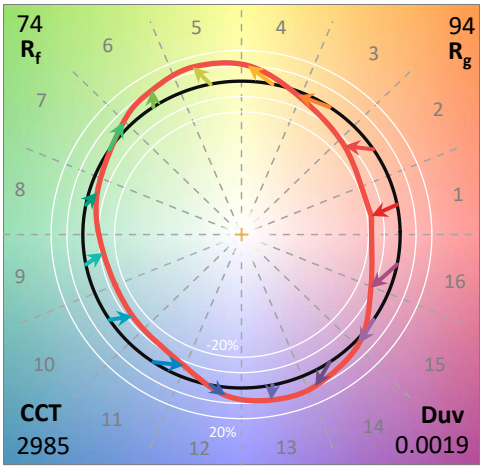
Test Information

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

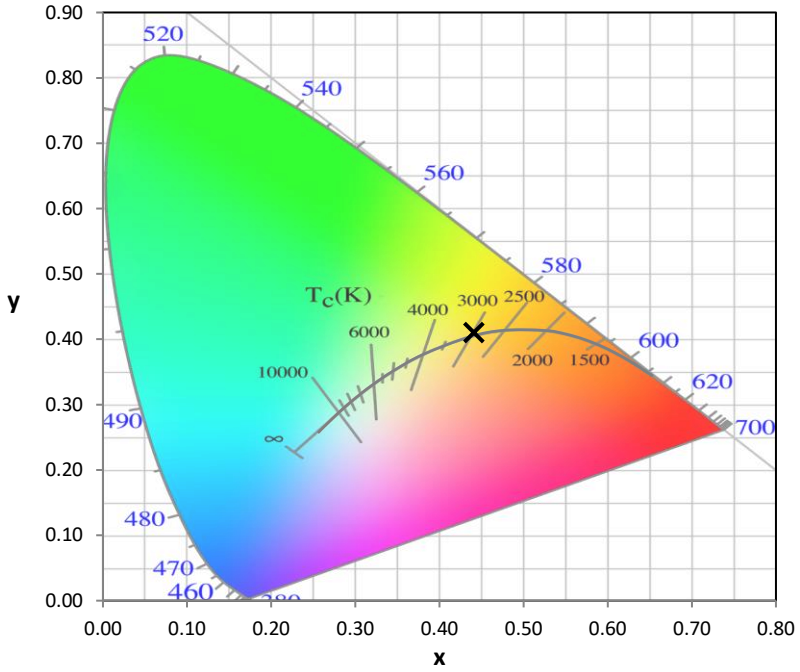
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

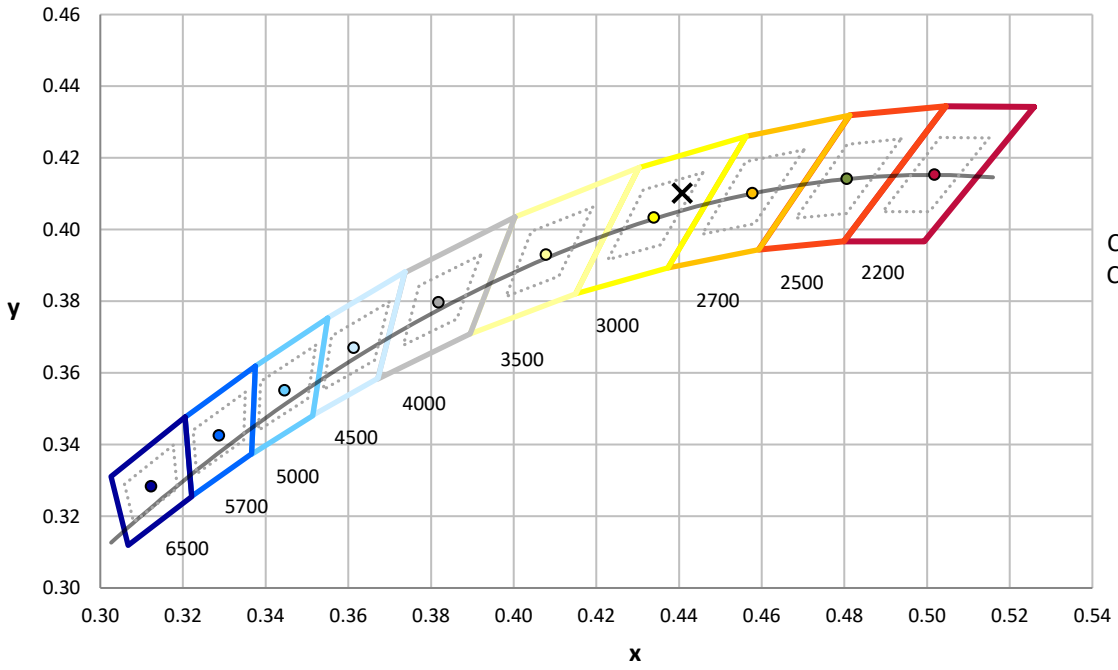
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

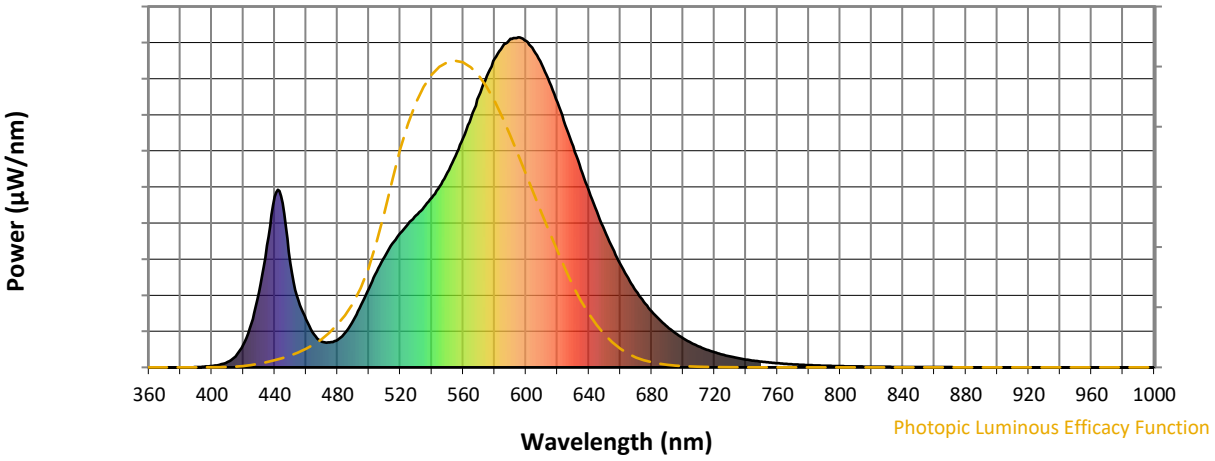


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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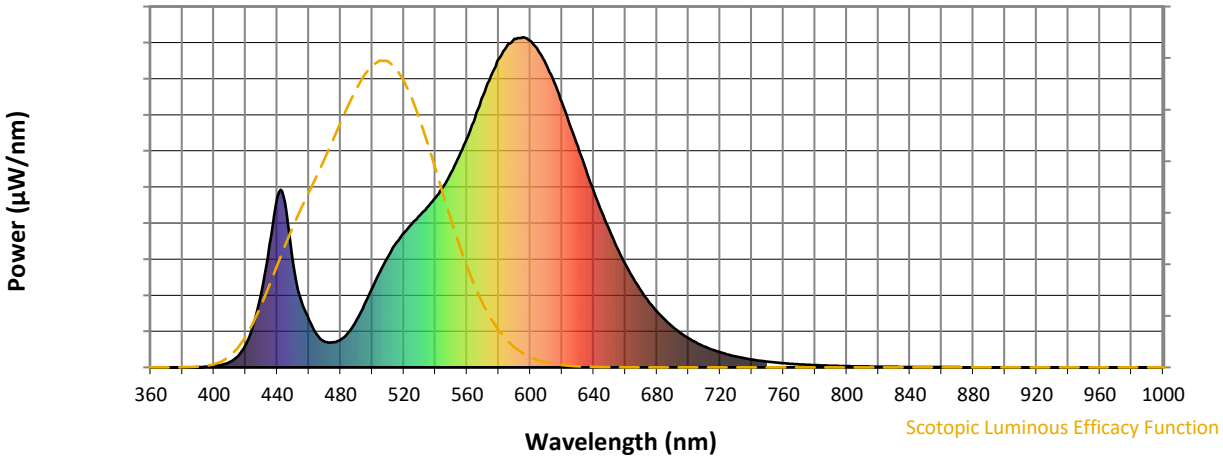
Scotopic Flux vs. Wavelength



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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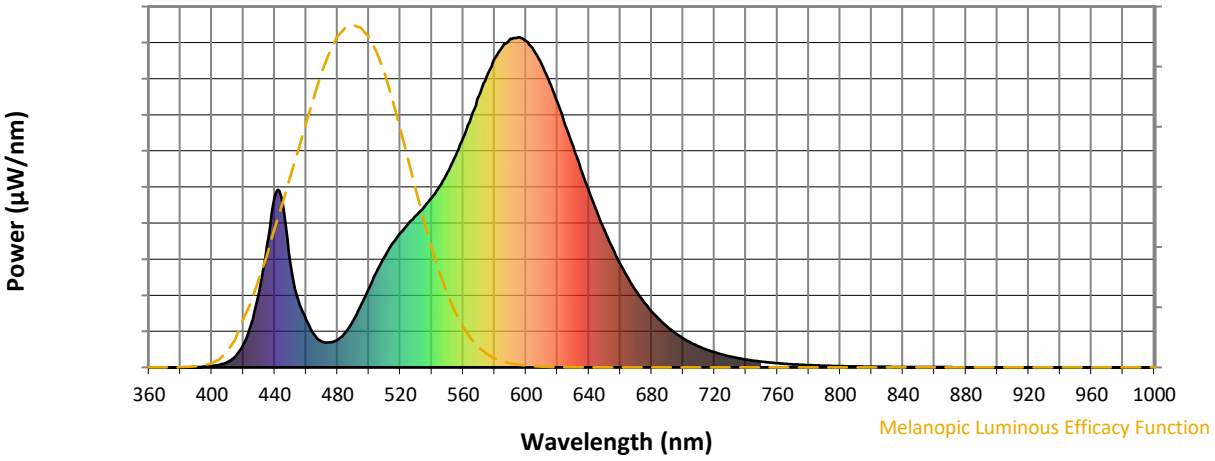
Melanopic Flux vs. Wavelength



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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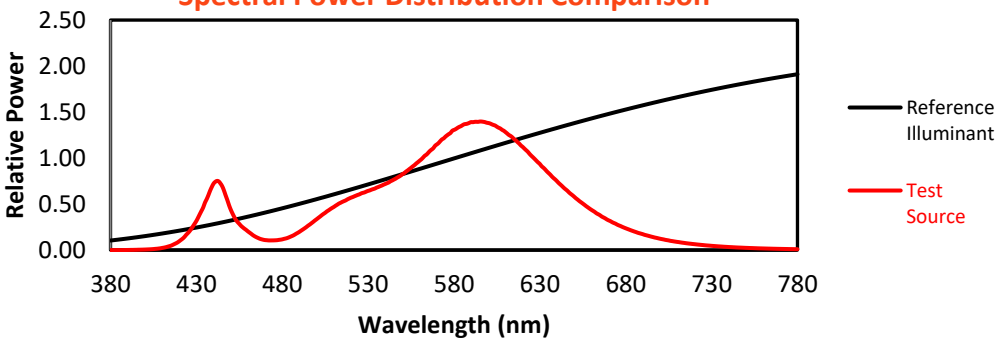
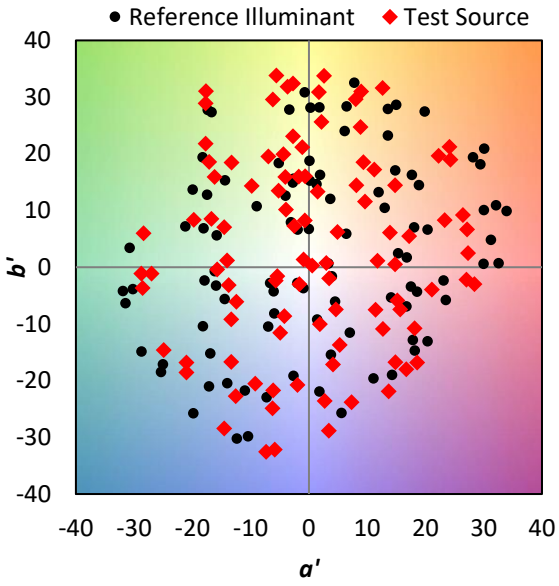
Summary

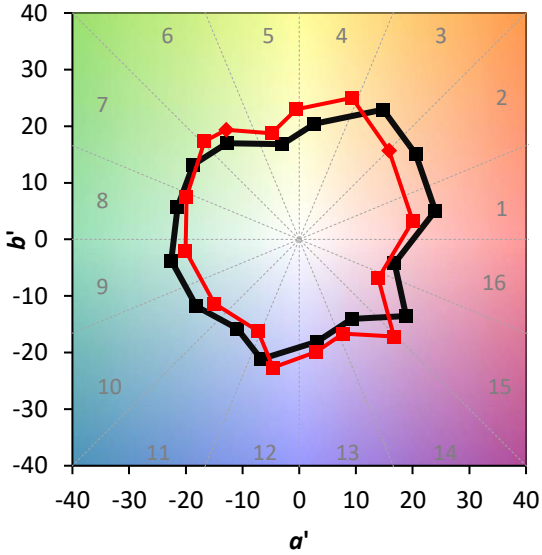
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

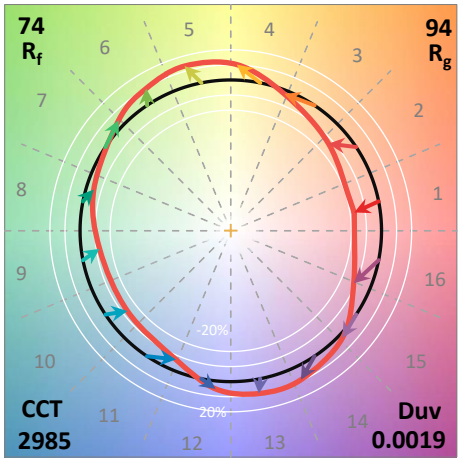
Spectral Power Distribution Comparison

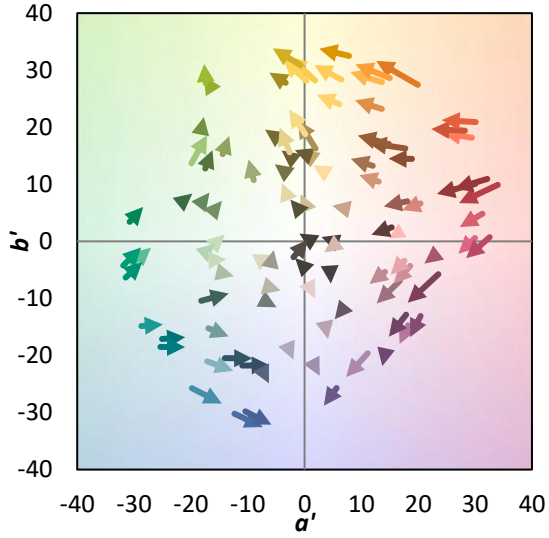


Color Vector Graphics









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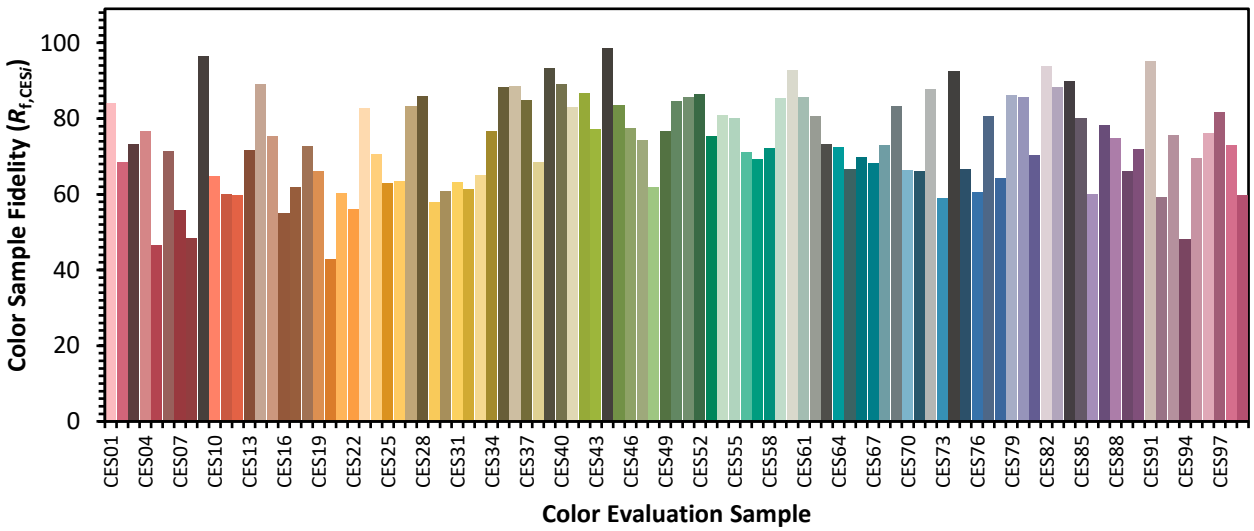
Individual Sample Fidelity Index ($R_{f,i}$)

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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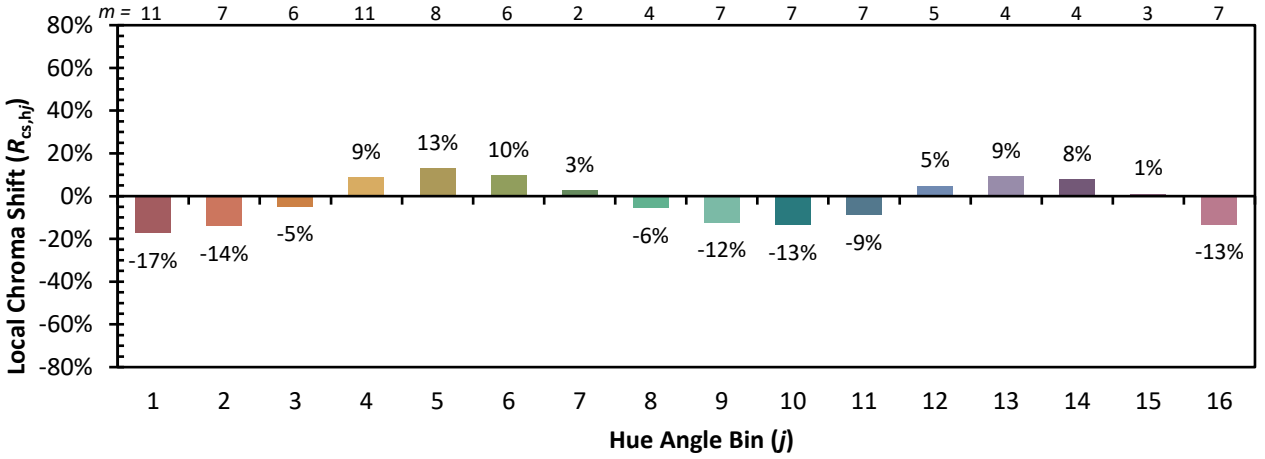
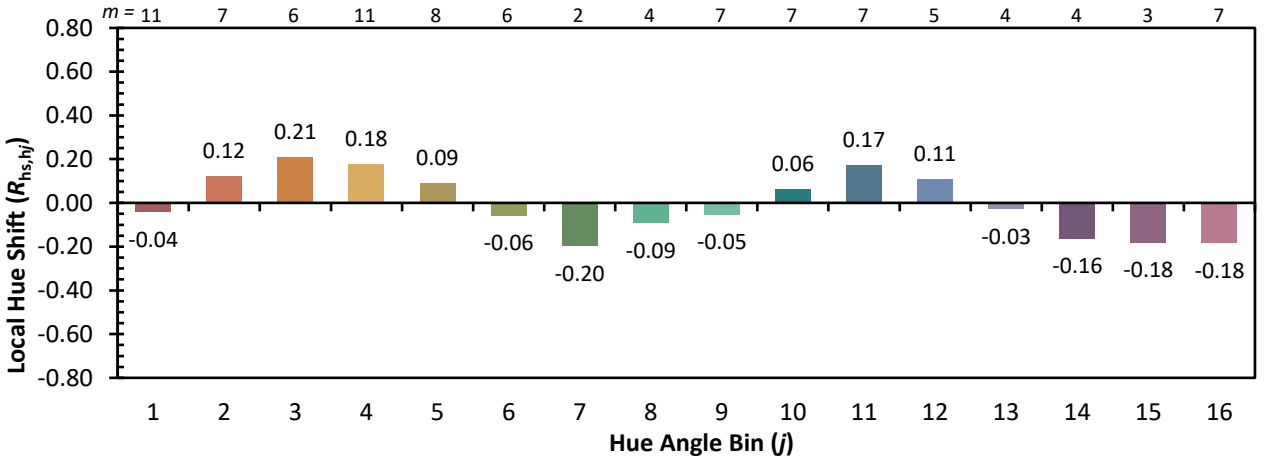
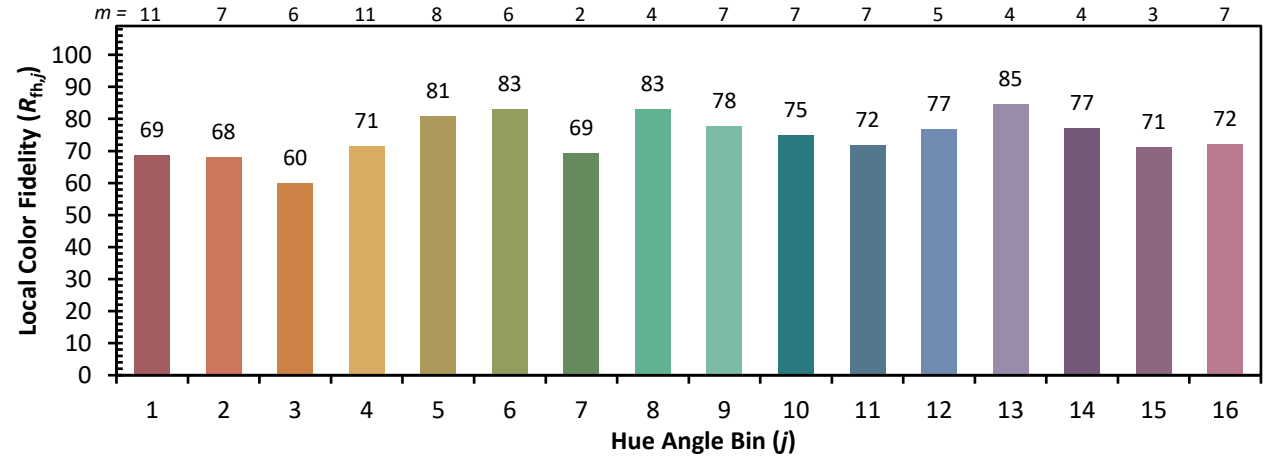
Color Rendition by Hue-Angle Bin







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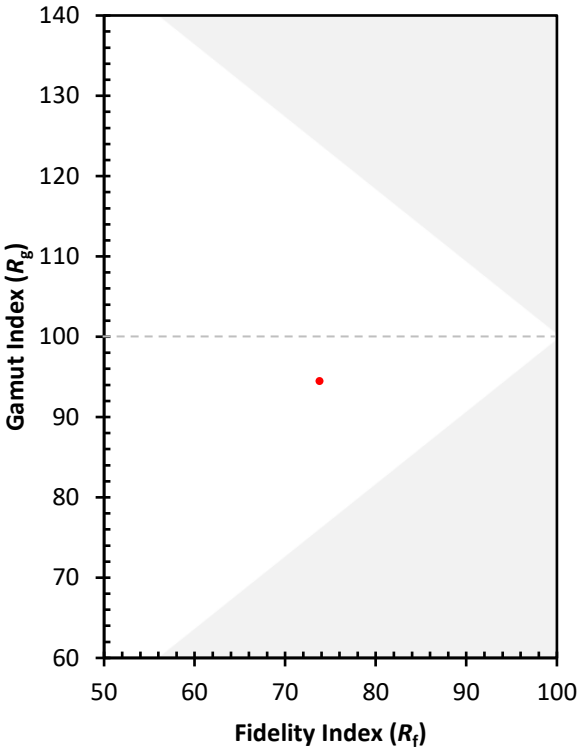
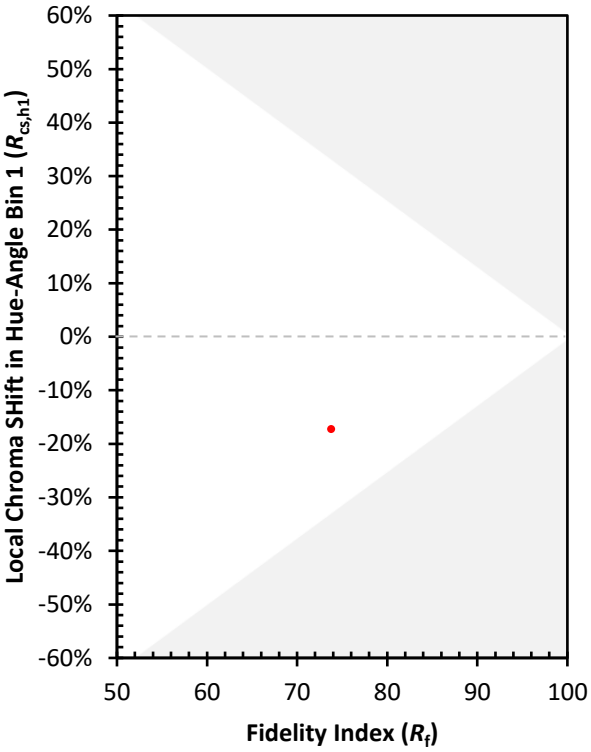
Measure Comparisons





(END OF REPORT)