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: P1067480

Luminaire Tested: **NAV-SA5D-730-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:	P1067480
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA5D-730-U-T4BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source:	(70) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	27680.7 lumens
Efficiency:	N/A
Efficacy:	102.6 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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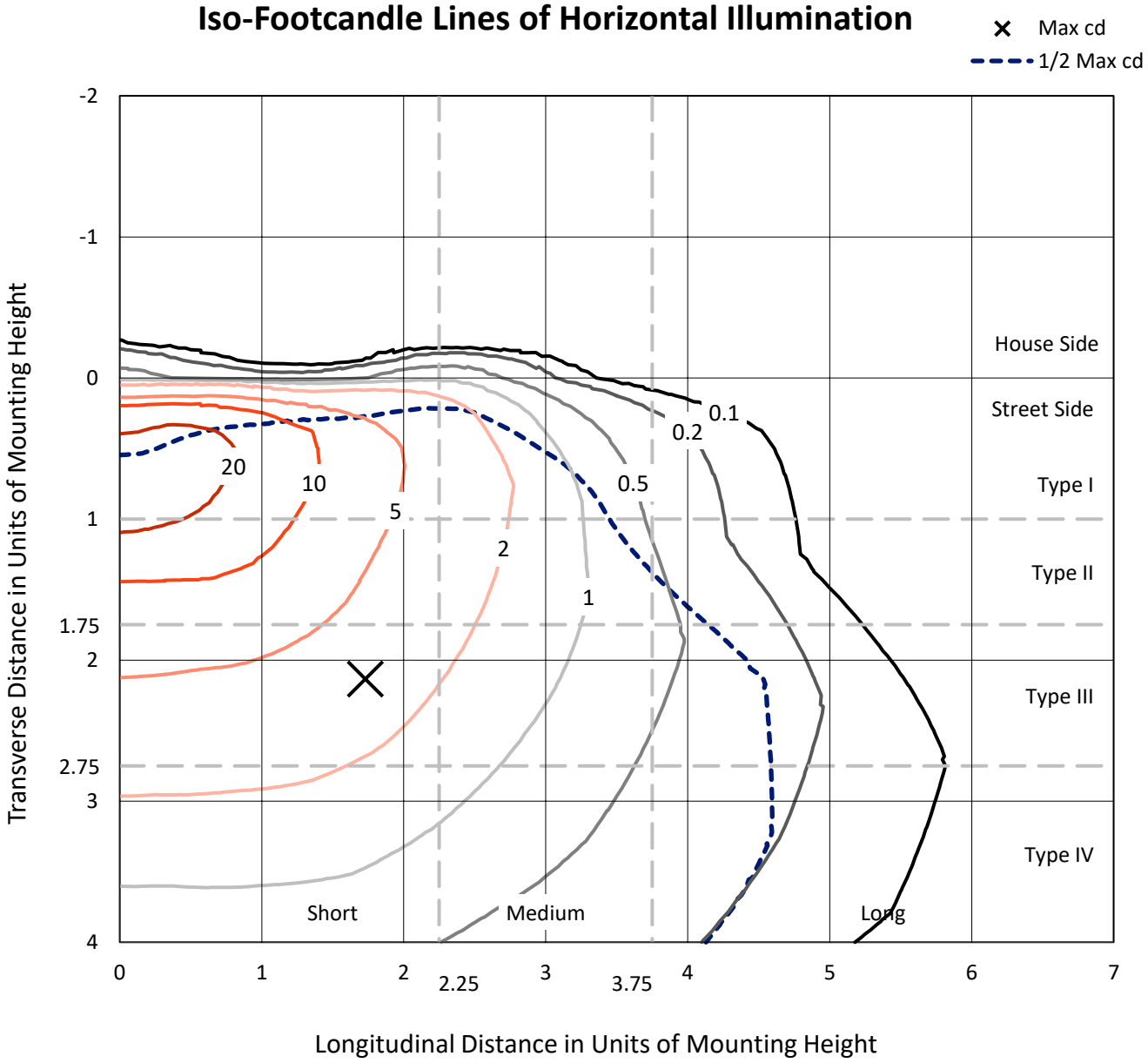
REPORT NUMBER: P1067480
CATALOG NUMBER: NAV-SA5D-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 30.2 fc
Type IV - Short - N/A

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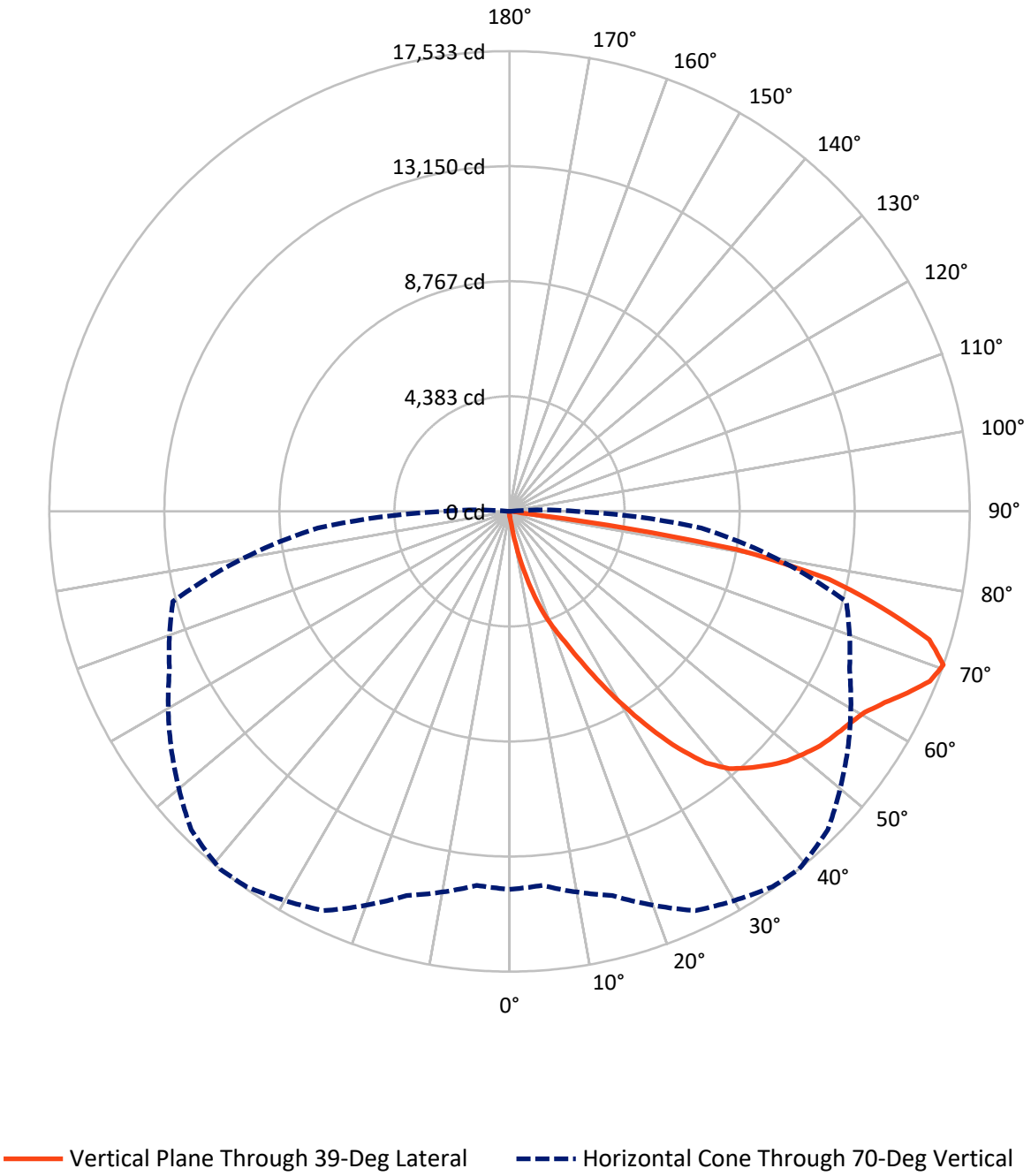
Luminous Intensity Polar Plot



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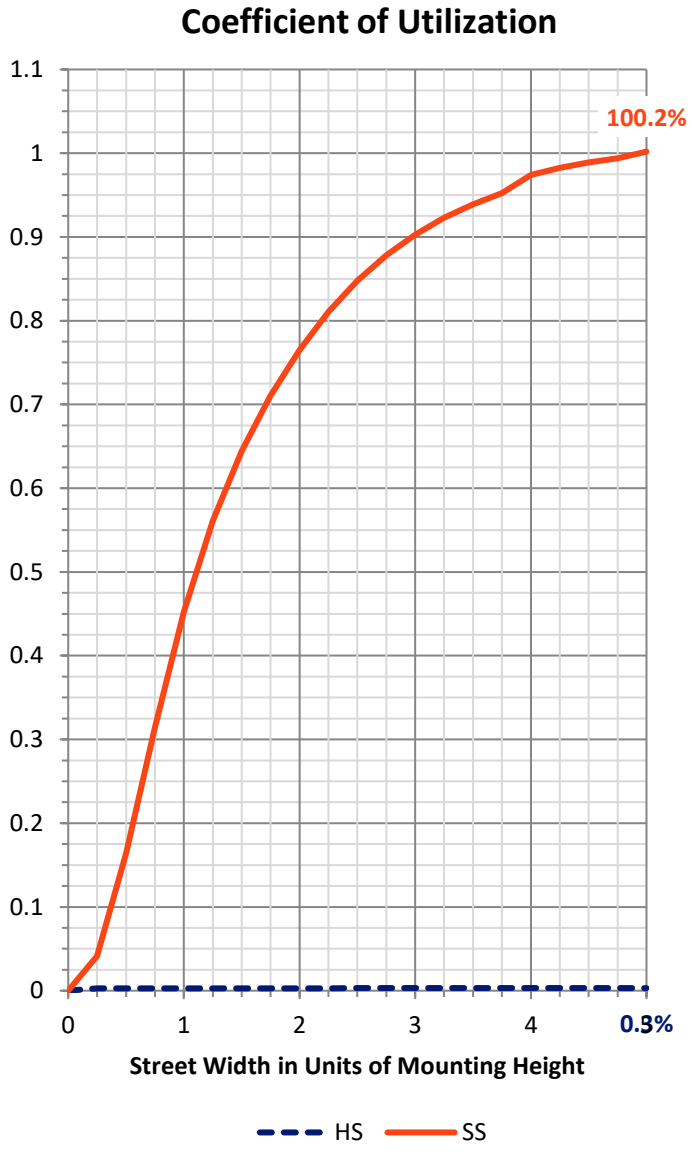
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	85.2	0.0	85.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	27595.5	0.0	27595.5
	% Fixture	99.7	0.0	99.7
Total	Lumens	27680.7	0.0	27680.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	0.1
10°-20°	340.3	1.2
20°-30°	1154.8	4.2
30°-40°	2714.0	9.8
40°-50°	4407.0	15.9
50°-60°	5584.5	20.2
60°-70°	7093.8	25.6
70°-80°	5763.7	20.8
80°-90°	593.5	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°	27680.7	100.0
0°-180°	27680.7	100.0



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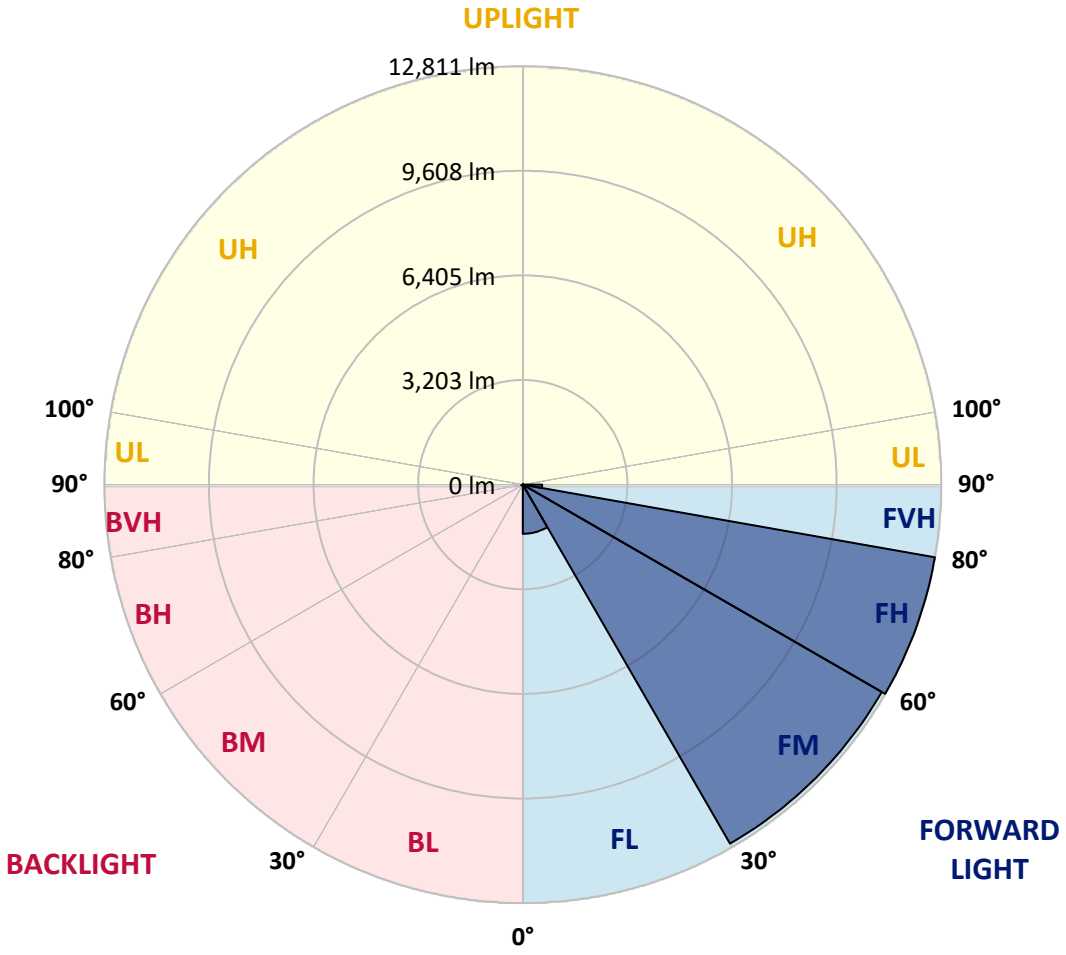
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1505.8	5.4			
FM	(30°-60°)	12689.1	45.8			
FH	(60°-80°)	12810.7	46.3			G5
FVH	(80°-90°)	589.9	2.1			G4/750
BL	(0°-30°)	18.4	0.1	B0/110		
BM	(30°-60°)	16.4	0.1	B0/220		
BH	(60°-80°)	46.9	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3
2.5°	195.4	195.4	195.4	187.9	187.9	180.4	180.4	172.9	165.3	165.3	157.8
5°	368.2	375.8	353.2	308.1	278.1	263.0	248.0	210.4	187.9	172.9	157.8
7.5°	1007.0	977.0	931.9	781.6	601.2	511.0	435.9	308.1	225.5	180.4	157.8
10°	2119.3	2036.6	1908.9	1706.0	1352.7	1210.0	939.4	563.6	315.6	202.9	157.8
12.5°	3111.3	3126.3	2968.5	2773.1	2344.8	2104.3	1736.0	1059.6	496.0	240.5	157.8
15°	3862.8	3847.8	3787.7	3629.9	3246.6	3013.6	2682.9	1781.1	834.2	300.6	165.3
17.5°	4456.5	4396.4	4373.9	4306.2	4058.2	3930.5	3569.7	2622.8	1322.7	405.8	172.9
20°	5050.2	5035.2	5012.7	4937.5	4772.2	4682.0	4403.9	3472.0	1969.0	578.7	187.9
22.5°	5914.5	5831.8	5846.8	5681.5	5546.2	5388.4	5163.0	4373.9	2713.0	826.7	210.4
25°	6929.0	6921.5	6801.3	6726.1	6500.7	6327.8	6027.2	5245.6	3539.7	1194.9	233.0
27.5°	8124.0	8041.3	7988.7	7860.9	7628.0	7432.6	7019.2	6109.9	4434.0	1608.3	263.0
30°	9371.5	9371.5	9273.8	9078.4	8852.9	8612.5	8191.6	7019.2	5320.8	2134.3	300.6
32.5°	10829.4	10859.5	10619.0	10325.9	10032.8	9867.5	9318.9	8048.8	6170.0	2735.5	345.7
35°	12242.3	12204.7	11806.4	11483.3	11265.3	11085.0	10619.0	9176.1	7132.0	3434.5	405.8
37.5°	13595.0	13497.3	12836.0	12377.6	12279.9	12159.6	11693.7	10303.4	8086.4	4208.5	481.0
40°	14564.5	14414.2	13730.3	13099.0	12956.3	12888.6	12527.9	11325.4	9093.4	5072.8	578.7
42.5°	14985.4	14812.5	14339.1	13828.0	13512.4	13354.6	13038.9	12159.6	10100.5	6034.7	721.5
45°	15068.0	14932.8	14594.6	14474.3	14046.0	13805.5	13377.1	12753.3	11039.9	6989.2	916.9
47.5°	14767.4	14707.3	14504.4	14759.9	14542.0	14211.3	13692.7	13196.7	11874.1	8146.5	1187.4
50°	14030.9	13985.8	14083.5	14752.4	14902.7	14526.9	14038.4	13542.4	12595.5	9341.4	1570.7
52.5°	13038.9	13031.4	13489.8	14557.0	15060.5	14827.5	14376.6	13888.1	13166.7	10498.8	2111.8
55°	11956.7	12084.5	12888.6	14376.6	15150.7	15045.5	14707.3	14196.3	13677.7	11573.4	2983.5
57.5°	11866.5	11813.9	12588.0	14301.5	15203.3	15263.4	15038.0	14519.4	14113.6	12452.7	4148.4
60°	12768.4	12648.1	12941.2	14459.3	15436.3	15541.5	15368.6	14767.4	14549.5	13144.1	5681.5
62.5°	13813.0	13700.3	13850.6	15068.0	15894.7	16045.0	15827.1	15022.9	14902.7	13625.1	7327.3
65°	14647.2	14557.0	14842.6	15977.4	16533.5	16661.3	16511.0	15496.4	15060.5	14015.9	8665.1
67.5°	14782.5	14669.7	15263.4	16586.1	17179.8	17270.0	17149.7	15954.8	15007.9	14046.0	8973.2
70°	14399.2	14301.5	15150.7	16781.5	17457.9	17533.0	17149.7	15736.9	14294.0	13279.4	7334.9
72.5°	13219.3	13294.4	14391.7	16308.0	17074.6	16728.9	15917.3	14639.7	13369.6	11257.8	5147.9
75°	11385.6	11468.2	12926.2	15007.9	15068.0	14647.2	14211.3	13467.3	11964.2	7417.5	3569.7
77.5°	8093.9	7800.8	9980.2	12392.6	12174.7	12445.2	12482.8	11205.2	10017.8	3862.8	2389.8
80°	796.6	676.4	1255.0	3554.7	7853.4	8777.8	9138.5	8635.0	7387.5	1728.5	1255.0
82.5°	172.9	172.9	187.9	202.9	315.6	473.5	2171.9	5320.8	4772.2	879.3	405.8
85°	97.7	97.7	120.2	142.8	187.9	210.4	248.0	330.7	1285.1	315.6	75.2
87.5°	75.2	82.7	97.7	120.2	157.8	172.9	210.4	263.0	323.2	293.1	22.5
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3	150.3
2.5°	157.8	150.3	142.8	135.3	127.8	127.8	120.2	120.2	120.2	120.2	120.2
5°	150.3	142.8	135.3	120.2	112.7	105.2	97.7	97.7	97.7	97.7	97.7
7.5°	150.3	142.8	127.8	112.7	97.7	90.2	82.7	75.2	75.2	82.7	82.7
10°	150.3	135.3	112.7	97.7	82.7	75.2	67.6	60.1	60.1	60.1	60.1
12.5°	142.8	127.8	105.2	90.2	75.2	60.1	45.1	37.6	37.6	37.6	37.6
15°	135.3	120.2	97.7	75.2	52.6	37.6	30.1	22.5	22.5	22.5	22.5
17.5°	135.3	112.7	90.2	67.6	37.6	22.5	15.0	7.5	7.5	7.5	15.0
20°	135.3	112.7	82.7	52.6	22.5	15.0	15.0	7.5	0.0	7.5	7.5
22.5°	135.3	105.2	67.6	37.6	22.5	15.0	7.5	0.0	0.0	0.0	0.0
25°	142.8	105.2	60.1	30.1	15.0	7.5	0.0	0.0	0.0	0.0	0.0
27.5°	142.8	97.7	52.6	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	150.3	97.7	45.1	15.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	150.3	90.2	30.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	150.3	82.7	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	150.3	75.2	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	157.8	67.6	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	165.3	60.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	172.9	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	195.4	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	225.5	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	270.5	52.6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	353.2	45.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	511.0	45.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	856.7	45.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1503.0	45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2540.1	45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3314.2	52.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	*2517.6*	*45.1*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
72.5°	1202.4	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	533.6	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	233.0	22.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	90.2	15.0	7.5	7.5	7.5	7.5	0.0	0.0	0.0	0.0	0.0
82.5°	37.6	15.0	7.5	7.5	7.5	7.5	7.5	0.0	0.0	0.0	0.0
85°	22.5	15.0	15.0	15.0	7.5	7.5	7.5	0.0	0.0	0.0	0.0
87.5°	15.0	15.0	15.0	15.0	15.0	7.5	7.5	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

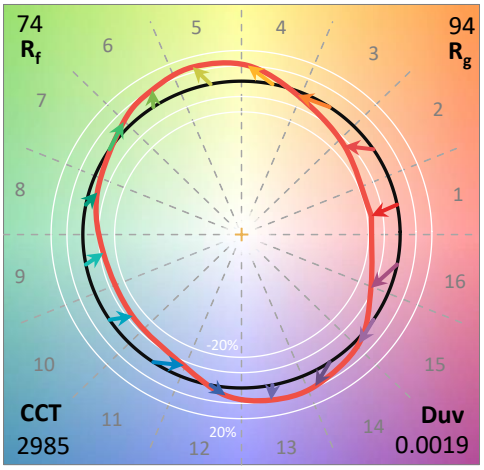
Test Information

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

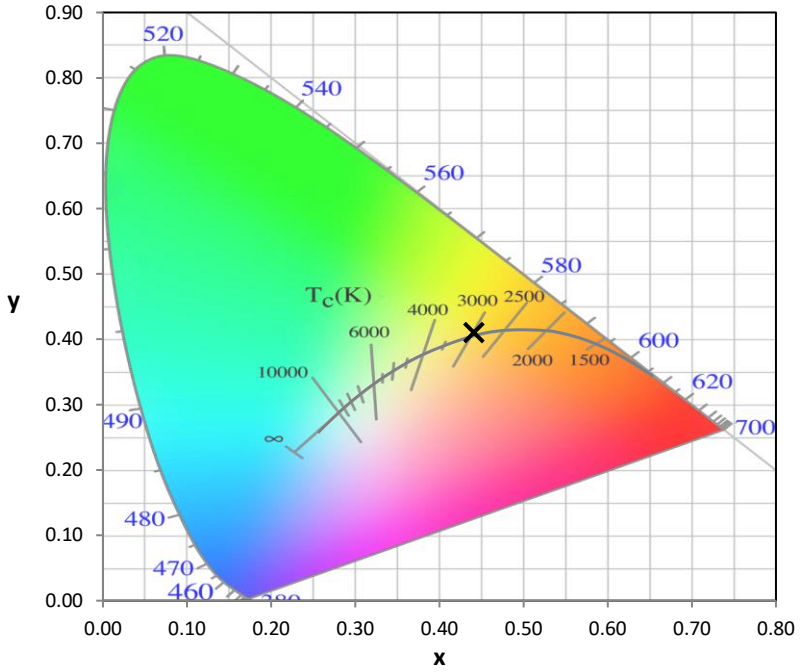
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

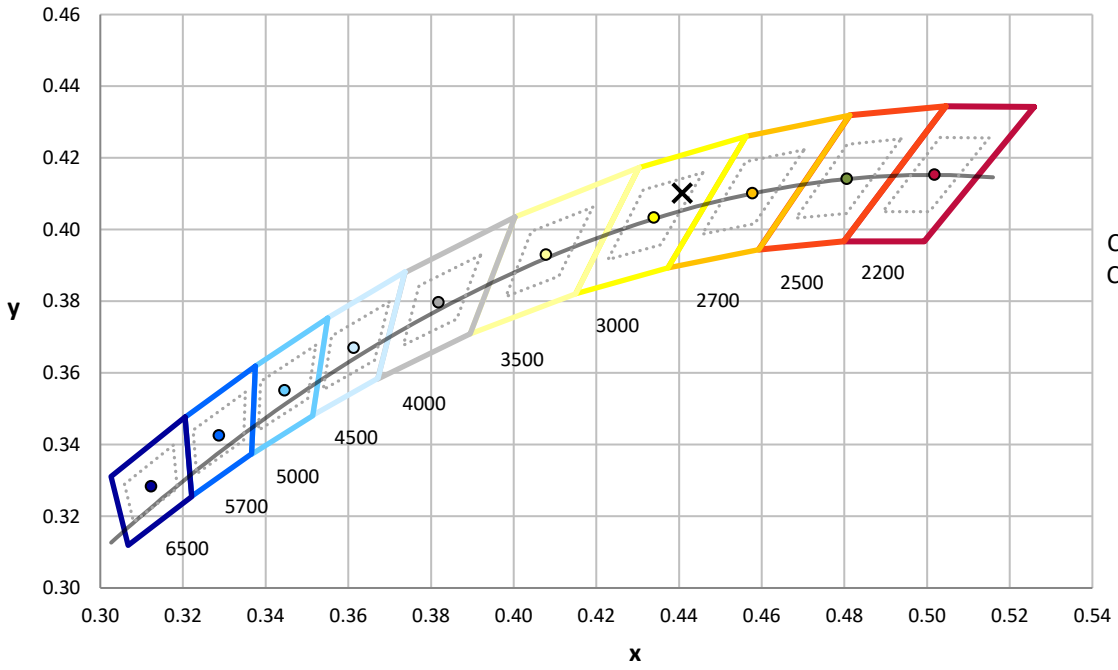
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

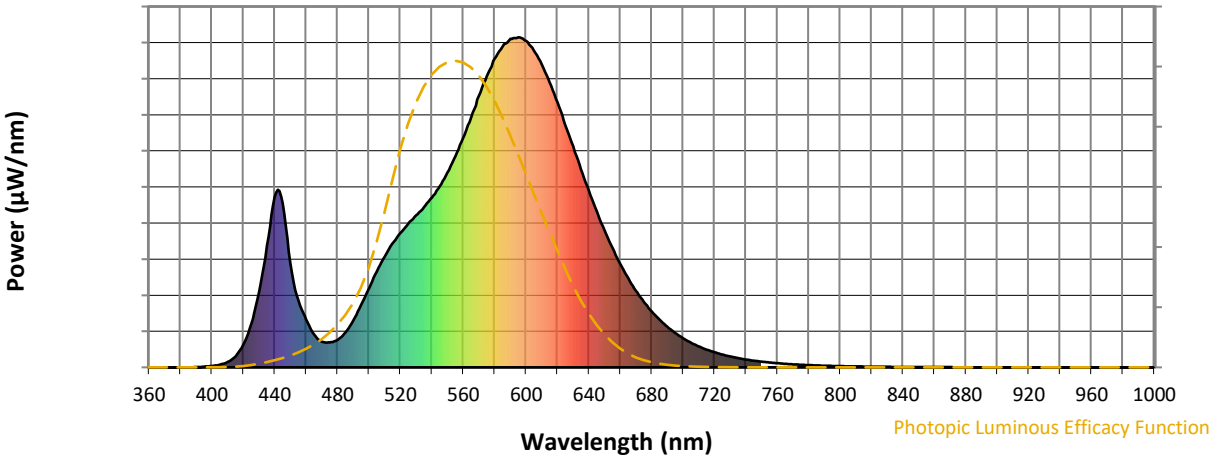


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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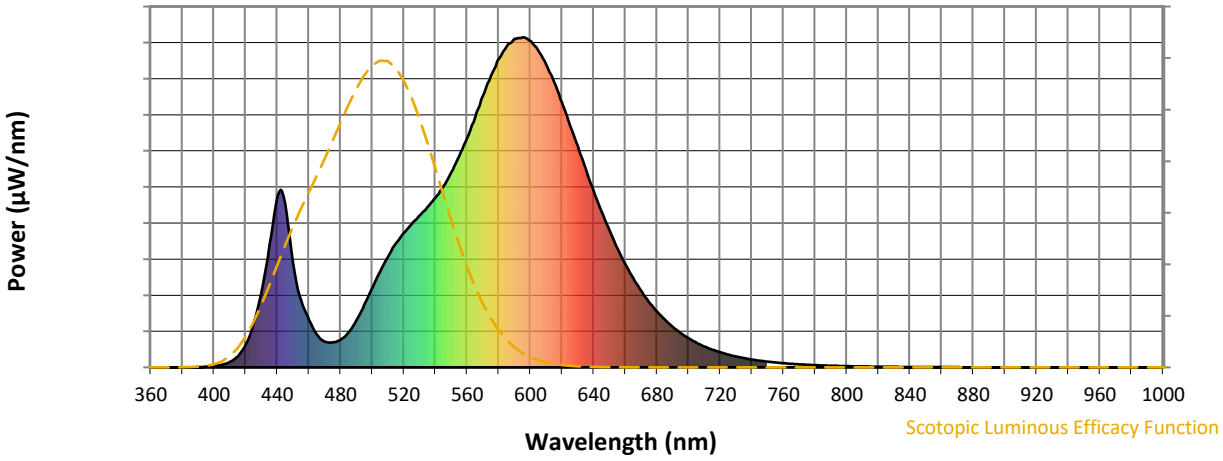
Scotopic Flux vs. Wavelength



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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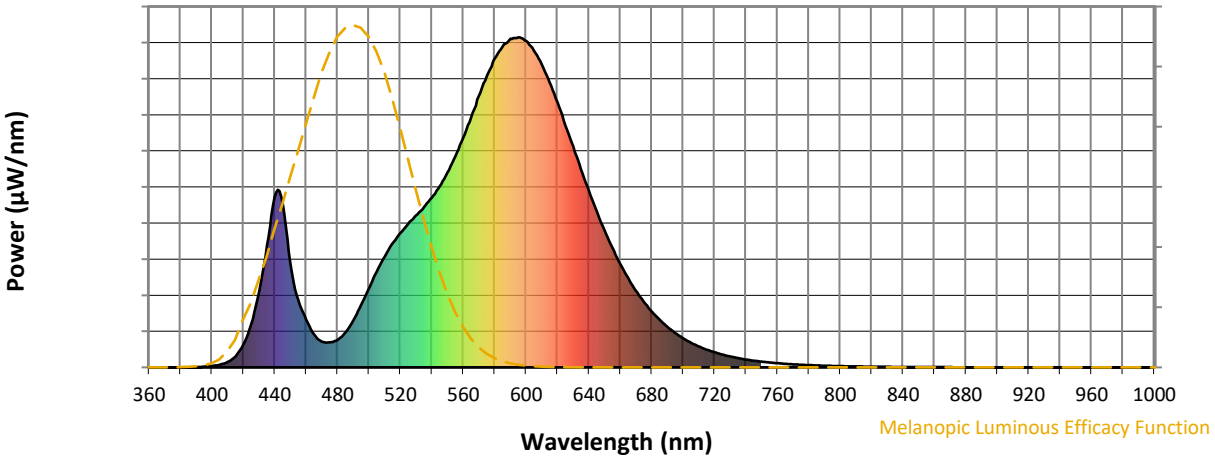
Melanopic Flux vs. Wavelength



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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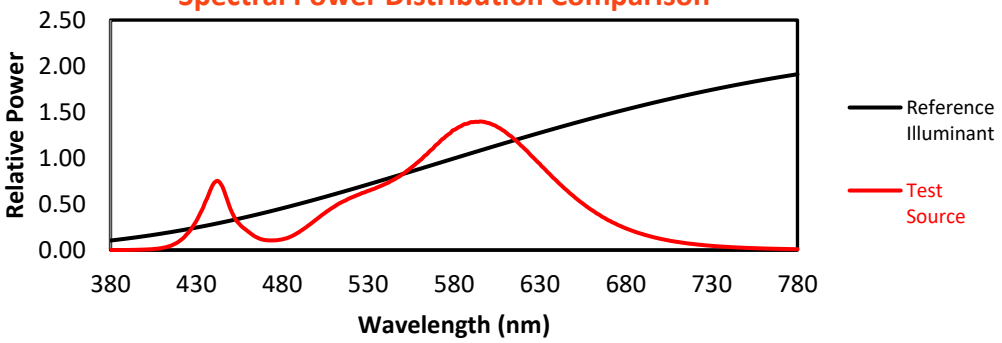
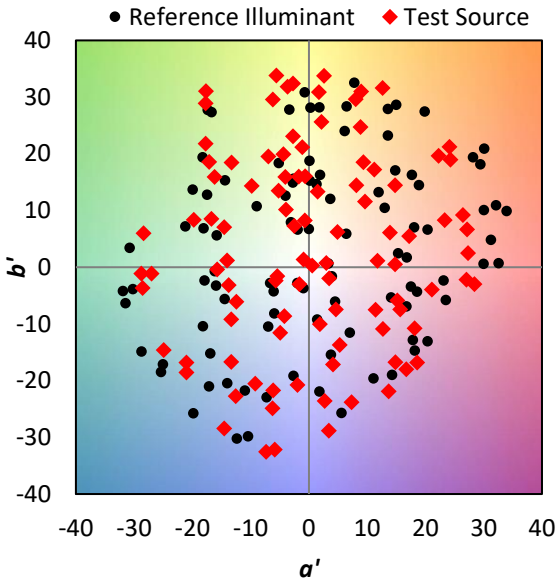
Summary

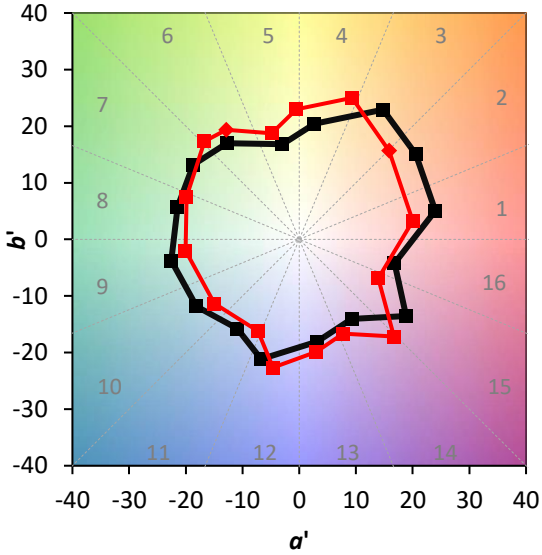
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

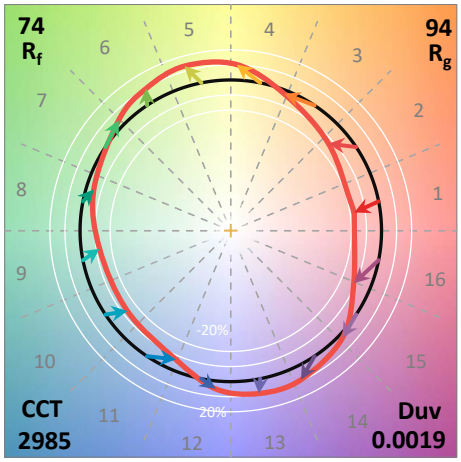
Spectral Power Distribution Comparison

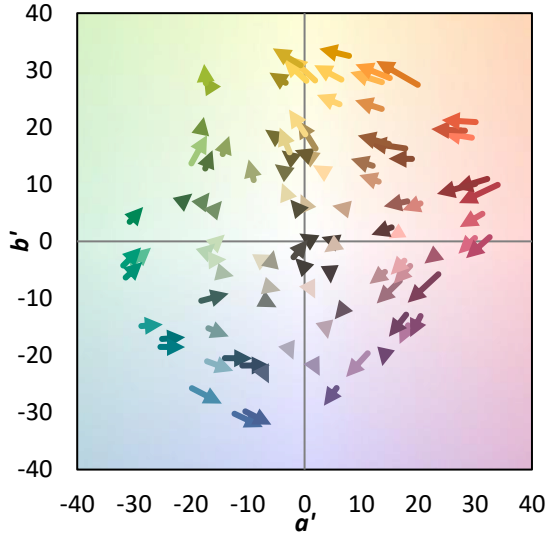


Color Vector Graphics









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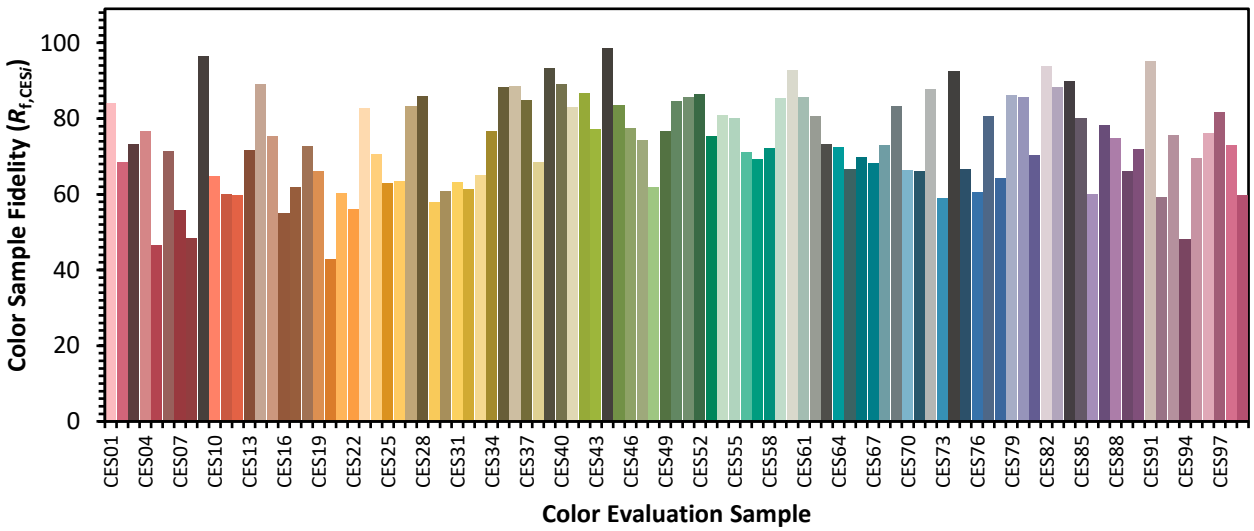
Individual Sample Fidelity Index ($R_{f,i}$)

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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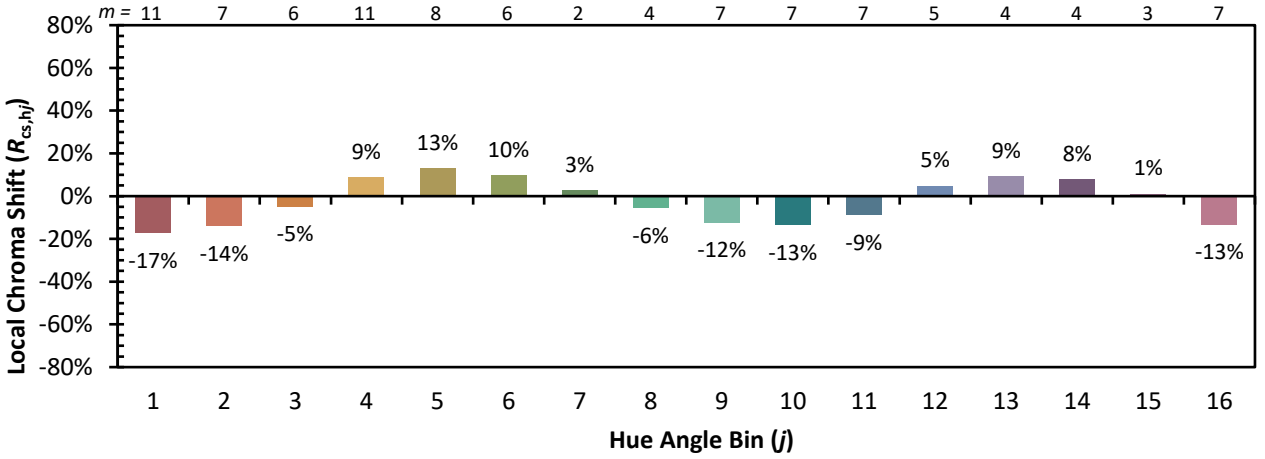
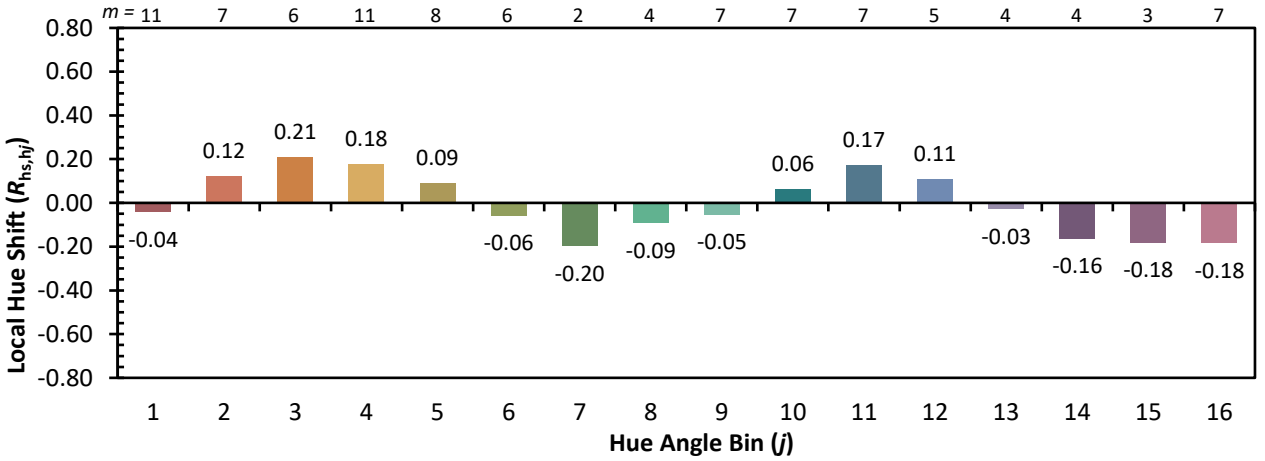
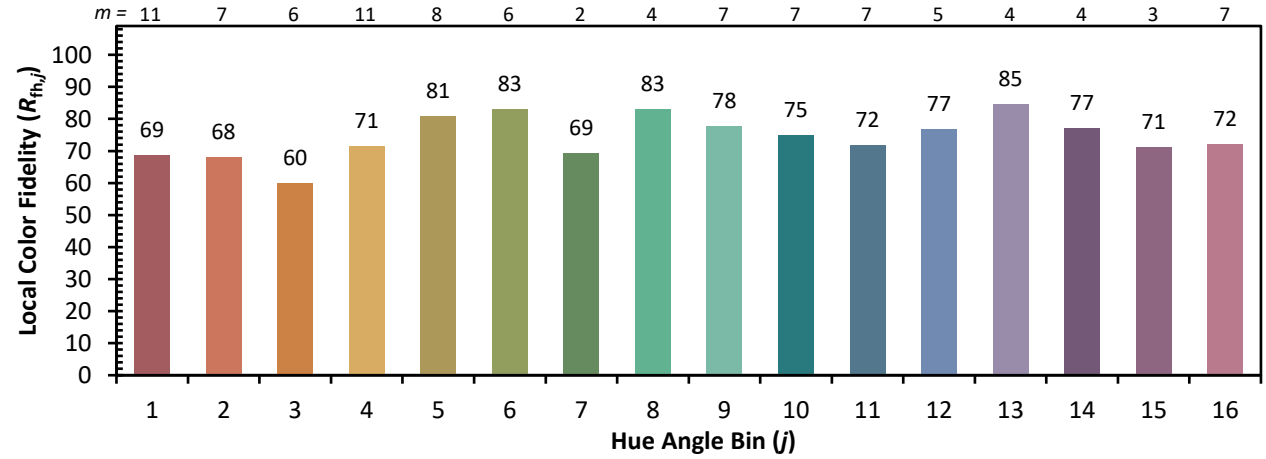
Color Rendition by Hue-Angle Bin







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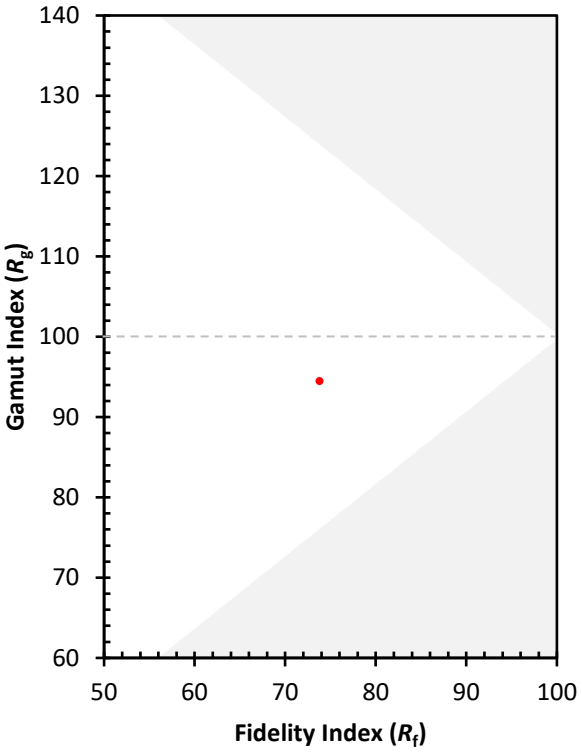
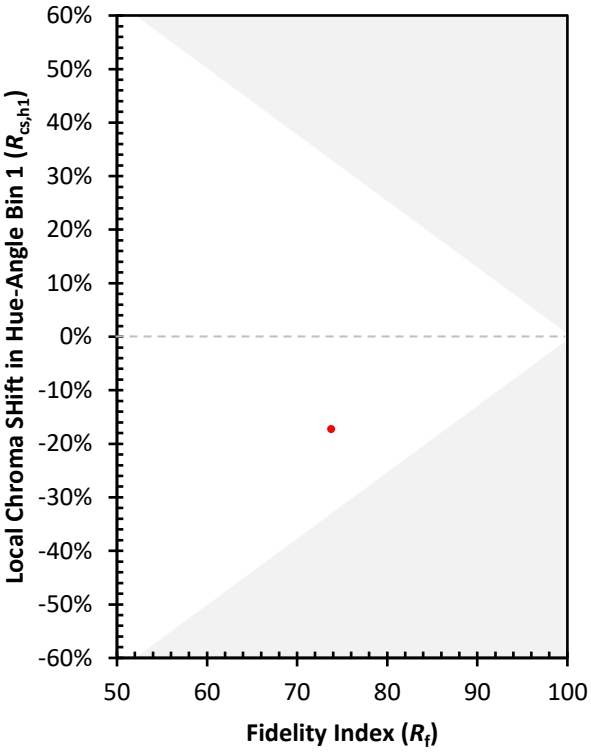
Measure Comparisons





(END OF REPORT)