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: STREETWORKS

Report Number: P1065795

Luminaire Tested: **NVN-SA4C-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:	P1065795
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA4C-730-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE 70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(56) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20902.9 lumens
Efficiency:	N/A
Efficacy:	109.8 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

Input Watts (W):	190.4
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: P1065795
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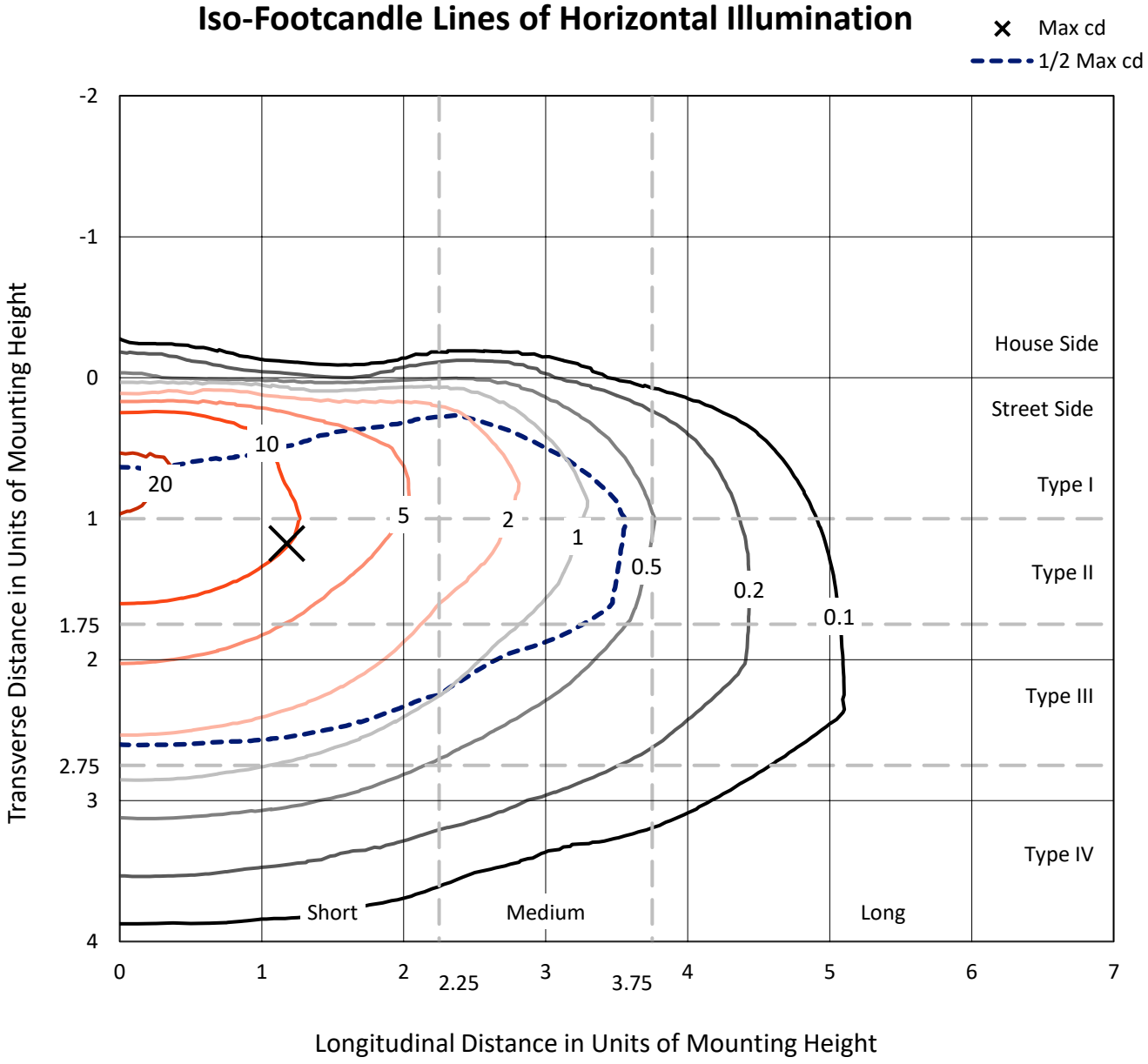
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 22.8 fc
Type III - Short - N/A

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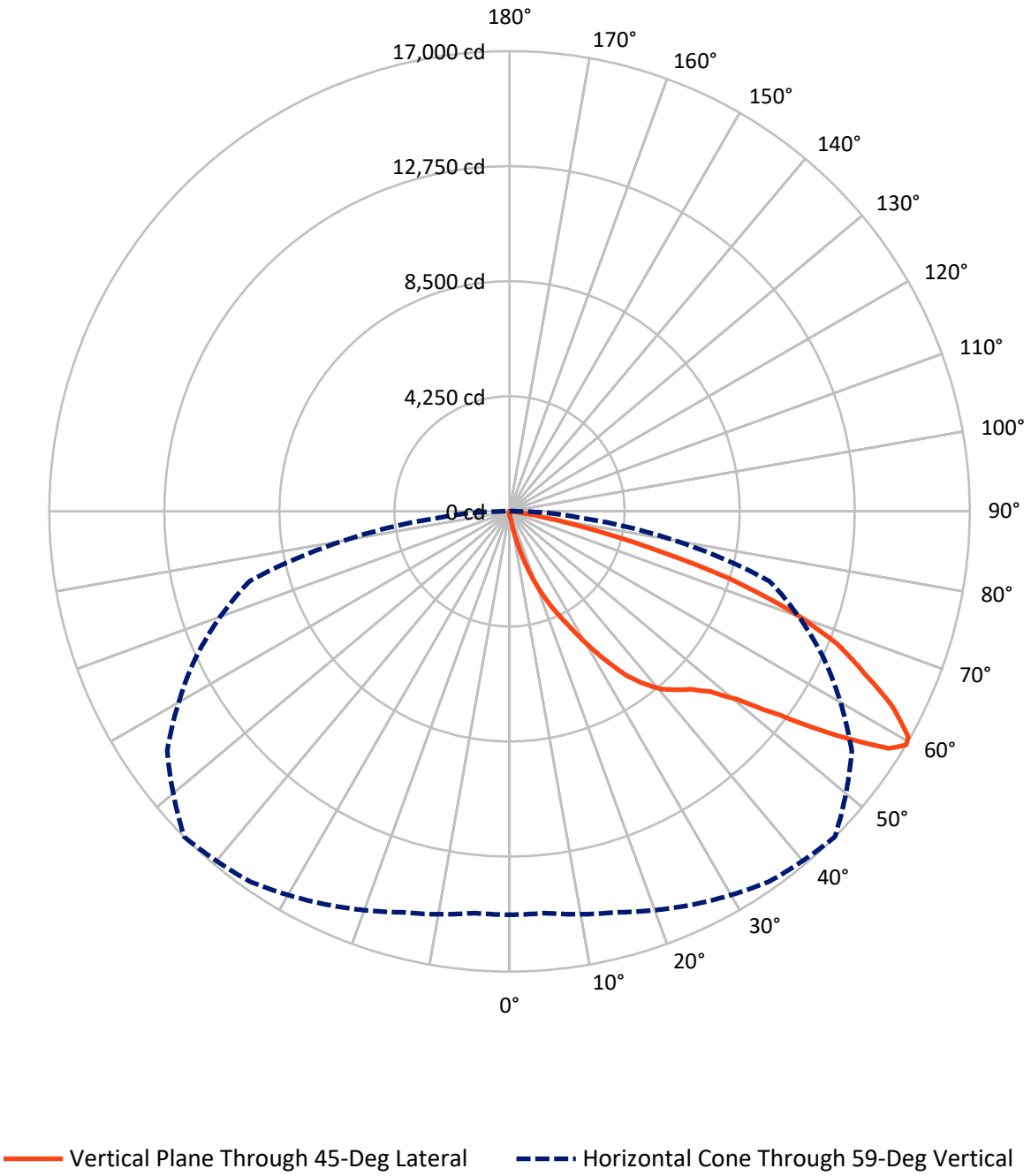
Luminous Intensity Polar Plot



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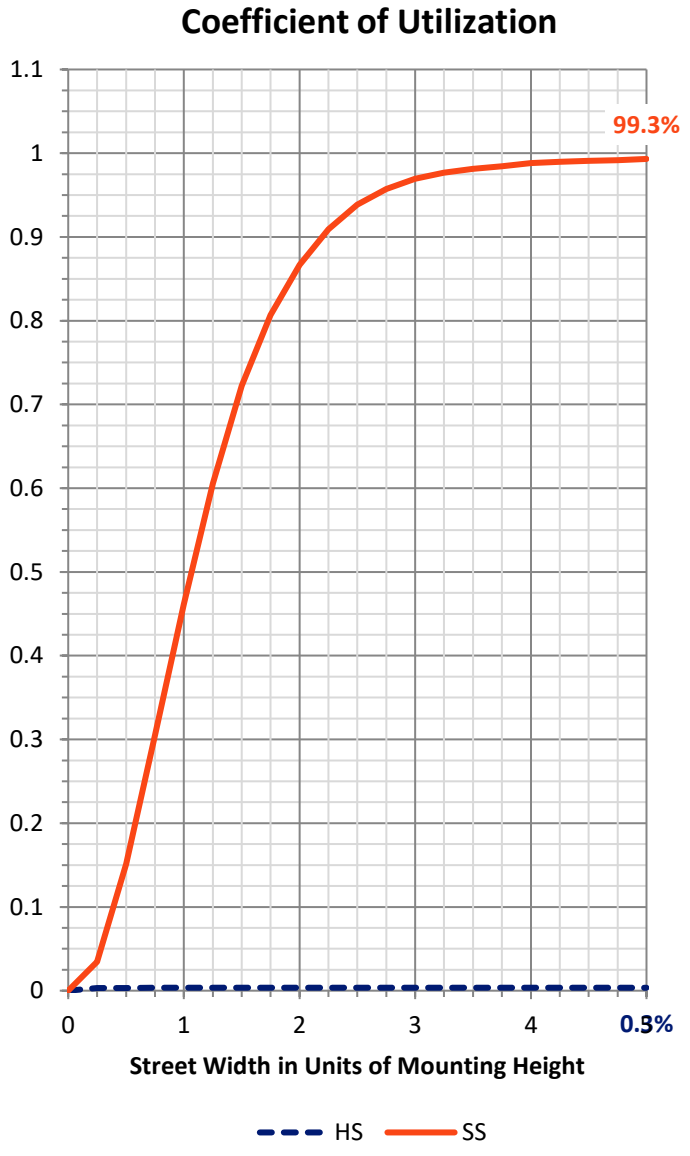
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	74.2	0.0	74.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20828.7	0.0	20828.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	20902.9	0.0	20902.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.4	0.1
10°-20°	231.0	1.1
20°-30°	830.2	4.0
30°-40°	1929.0	9.2
40°-50°	3287.9	15.7
50°-60°	5417.6	25.9
60°-70°	6264.0	30.0
70°-80°	2691.2	12.9
80°-90°	232.6	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°	20902.9	100.0
0°-180°	20902.9	100.0



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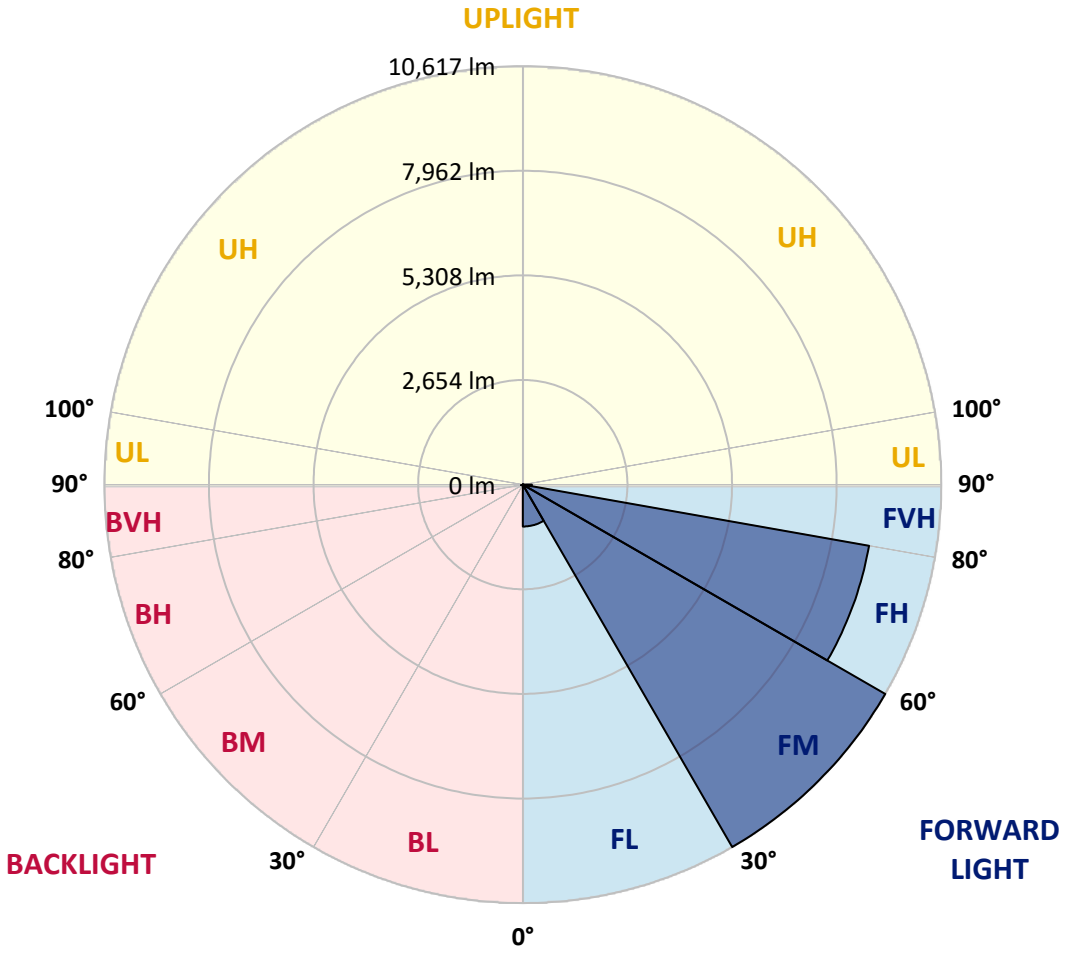
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1062.3	5.1			
FM	(30°-60°)	10616.6	50.8			
FH	(60°-80°)	8920.3	42.7			G4/12000
FVH	(80°-90°)	229.5	1.1			G3/500
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	18.0	0.1	B0/220		
BH	(60°-80°)	34.9	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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°	132.1	132.1	132.1	132.1	132.1	132.1	*132.1*	132.1	132.1	132.1	132.1
2.5°	171.5	171.5	167.3	161.6	160.2	156.0	*156.0*	151.8	146.2	142.0	136.3
5°	248.8	247.4	236.1	222.1	203.8	192.6	*192.6*	177.1	163.0	150.4	139.1
7.5°	543.9	531.3	490.5	423.1	334.5	275.5	*271.3*	220.7	186.9	161.6	140.6
10°	1248.1	1204.5	1146.9	985.3	728.1	508.8	*499.0*	321.9	223.5	174.3	143.4
12.5°	2045.0	2080.2	1964.9	1710.5	1409.7	1048.5	*978.2*	542.5	295.2	191.2	146.2
15°	2770.3	2761.8	2697.2	2489.2	2142.0	1661.3	*1617.8*	943.1	423.1	217.9	149.0
17.5°	3312.8	3303.0	3241.1	3107.6	2840.6	2359.9	*2321.9*	1503.9	663.4	255.8	151.8
20°	3884.9	3872.2	3785.1	3678.2	3444.9	3035.9	*2990.9*	2130.8	1038.7	317.6	151.8
22.5°	4570.8	4546.9	4454.1	4272.8	4026.8	3671.2	*3630.5*	2771.7	1503.9	418.8	158.8
25°	5400.0	5359.2	5231.3	5068.3	4771.7	4299.5	*4255.9*	3485.7	2064.7	572.0	165.9
27.5°	6345.9	6353.0	6180.1	5904.6	5506.8	5024.7	*4943.2*	4125.2	2645.2	791.3	174.3
30°	7468.9	7398.7	7155.5	6835.0	6448.5	5834.3	*5755.6*	4761.9	3297.4	1114.6	188.3
32.5°	8520.3	8444.4	8116.9	7713.5	7298.9	6650.9	*6586.3*	5477.3	3890.5	1496.9	213.6
35°	9422.6	9369.2	8911.0	8419.1	8050.8	7471.7	*7452.1*	6275.6	4587.6	1908.7	241.7
37.5°	10216.7	10119.7	9530.8	9020.6	8646.8	8128.1	*8086.0*	7006.5	5259.5	2386.6	283.9
40°	10894.2	10840.8	10122.6	9452.1	9148.5	8684.7	*8631.3*	7647.4	5953.8	2941.8	335.9
42.5°	11619.4	11549.2	10852.0	10100.1	9540.7	9044.5	*9009.4*	8175.9	6572.2	3551.7	413.2
45°	12438.9	12308.1	11696.7	11022.1	10171.7	9417.0	*9377.6*	8646.8	7206.1	4206.7	507.4
47.5°	13314.5	13200.6	12705.9	12232.2	11254.0	10031.2	*9946.9*	9047.3	7835.8	4962.9	626.9
50°	14205.6	14208.4	13837.3	13609.7	12576.6	11029.1	*10909.6*	9636.2	8497.8	5772.5	804.0
52.5°	15242.9	15269.6	15263.9	15095.3	14294.1	12660.9	*12500.7*	10530.2	9266.6	6717.0	1048.5
55°	15677.2	15725.0	16035.6	16409.4	16191.6	14729.9	*14558.4*	12072.0	10285.6	7769.7	1411.1
57.5°	15321.6	15375.0	15803.7	16458.6	16959.0	16541.6	*16521.9*	14079.1	11627.9	9045.9	2004.3
59°	*14898.5*	*14891.5*	*15331.4*	*16025.7*	*16700.4*	*16971.7*	*16999.8*	*15436.8*	*12797.3*	*9941.2*	*2515.9*
60°	14617.4	14623.0	14915.4	15628.0	16344.8	16815.6	*16925.3*	16236.6	13480.3	10585.0	2954.4
62.5°	13532.3	13597.0	13828.9	14490.9	15171.2	15696.8	*15883.8*	16949.2	15435.4	12105.7	4479.4
65°	12353.1	12357.3	12687.6	13254.1	13906.2	14275.9	*14393.9*	15840.2	16741.1	13654.6	6479.4
67.5°	10249.1	10334.8	10710.1	11627.9	12489.5	12957.5	*13047.4*	13788.2	16200.0	14663.8	7481.6
70°	7172.4	7284.8	7820.3	9010.8	10294.0	11062.8	*11057.2*	11462.0	14257.6	14214.0	6343.1
72.5°	3581.3	3775.2	4212.3	5487.2	7041.7	8249.0	*8503.4*	9220.2	11453.6	11806.4	4732.4
75°	1582.6	1593.9	1842.6	2485.0	3499.7	5033.2	*5260.9*	7318.5	8787.3	8205.4	3418.2
77.5°	920.6	929.0	974.0	1116.0	1418.2	2466.7	*2722.5*	4799.9	6209.6	4768.9	2229.2
80°	334.5	342.9	341.5	423.1	621.2	971.2	*1082.3*	2326.1	4142.1	2511.7	1168.0
82.5°	205.2	205.2	198.2	199.6	226.3	372.5	*407.6*	990.9	2016.9	1236.9	334.5
85°	101.2	106.8	113.8	127.9	151.8	184.1	*195.4*	283.9	678.9	299.4	80.1
87.5°	60.4	61.8	67.5	81.5	101.2	132.1	*140.6*	192.6	243.2	201.0	19.7
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: NVN-SA4C-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	132.1	132.1	132.1	132.1	132.1	132.1	132.1	132.1	132.1	132.1	132.1
2.5°	133.5	132.1	125.1	119.5	113.8	108.2	104.0	99.8	99.8	101.2	99.8
5°	133.5	127.9	116.7	106.8	98.4	91.4	84.3	78.7	77.3	77.3	78.7
7.5°	132.1	125.1	109.6	97.0	85.7	75.9	68.9	61.8	60.4	61.8	60.4
10°	130.7	122.3	104.0	88.5	73.1	63.2	53.4	46.4	46.4	46.4	47.8
12.5°	130.7	118.1	98.4	80.1	63.2	52.0	42.2	35.1	33.7	33.7	33.7
15°	129.3	115.3	92.8	70.3	53.4	39.4	30.9	23.9	23.9	23.9	23.9
17.5°	126.5	111.0	85.7	61.8	42.2	29.5	21.1	14.1	14.1	16.9	16.9
20°	123.7	106.8	77.3	50.6	35.1	22.5	14.1	8.4	8.4	12.6	14.1
22.5°	125.1	106.8	71.7	45.0	28.1	16.9	11.2	7.0	5.6	9.8	12.6
25°	126.5	104.0	64.7	39.4	21.1	12.6	8.4	2.8	1.4	2.8	4.2
27.5°	126.5	101.2	56.2	30.9	15.5	9.8	4.2	0.0	0.0	0.0	0.0
30°	125.1	97.0	49.2	25.3	11.2	5.6	1.4	0.0	0.0	0.0	0.0
32.5°	123.7	92.8	45.0	19.7	9.8	2.8	0.0	0.0	0.0	0.0	0.0
35°	125.1	87.1	39.4	15.5	5.6	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	129.3	81.5	33.7	12.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	134.9	77.3	28.1	9.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	146.2	77.3	25.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.2	77.3	21.1	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	178.5	78.7	18.3	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	201.0	81.5	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	217.9	78.7	15.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	247.4	75.9	14.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	286.7	71.7	14.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*326.1*	*66.1*	*14.1*	*1.4*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	371.1	63.2	12.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	612.8	56.2	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1183.4	53.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1912.9	53.4	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2011.3	53.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1338.1	43.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	716.8	39.4	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	386.5	36.5	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	170.1	26.7	7.0	4.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	67.5	18.3	8.4	7.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
85°	32.3	14.1	11.2	9.8	7.0	4.2	0.0	0.0	0.0	0.0	0.0
87.5°	15.5	14.1	12.6	11.2	9.8	7.0	1.4	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: SP1-2407-184-4

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

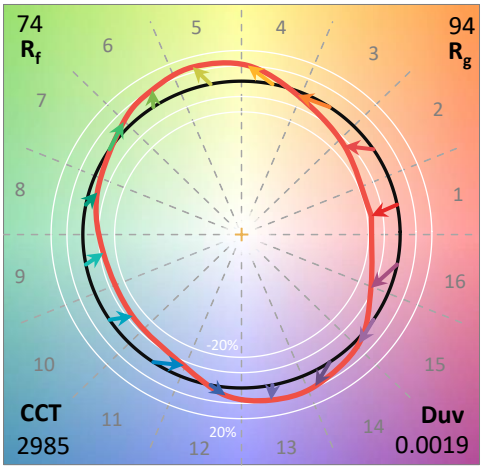
Test Information

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

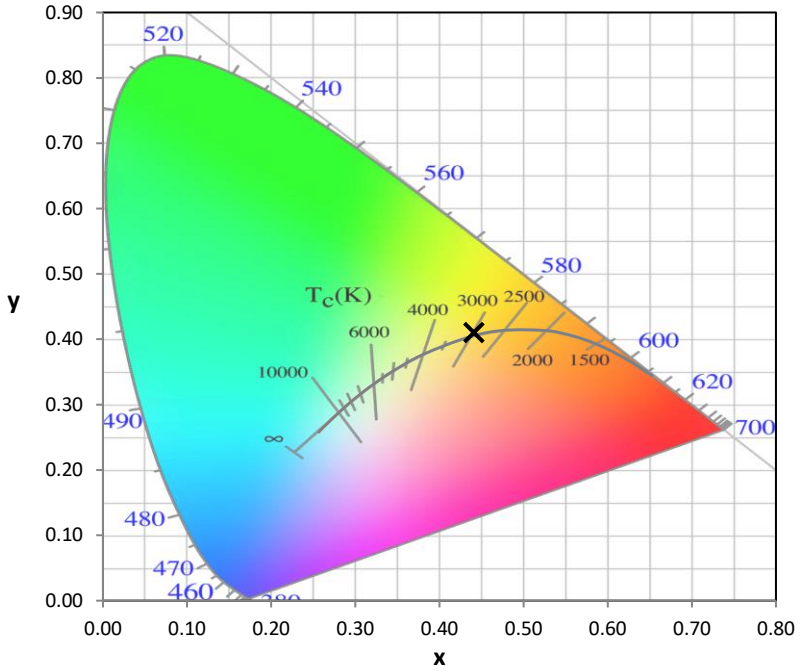
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

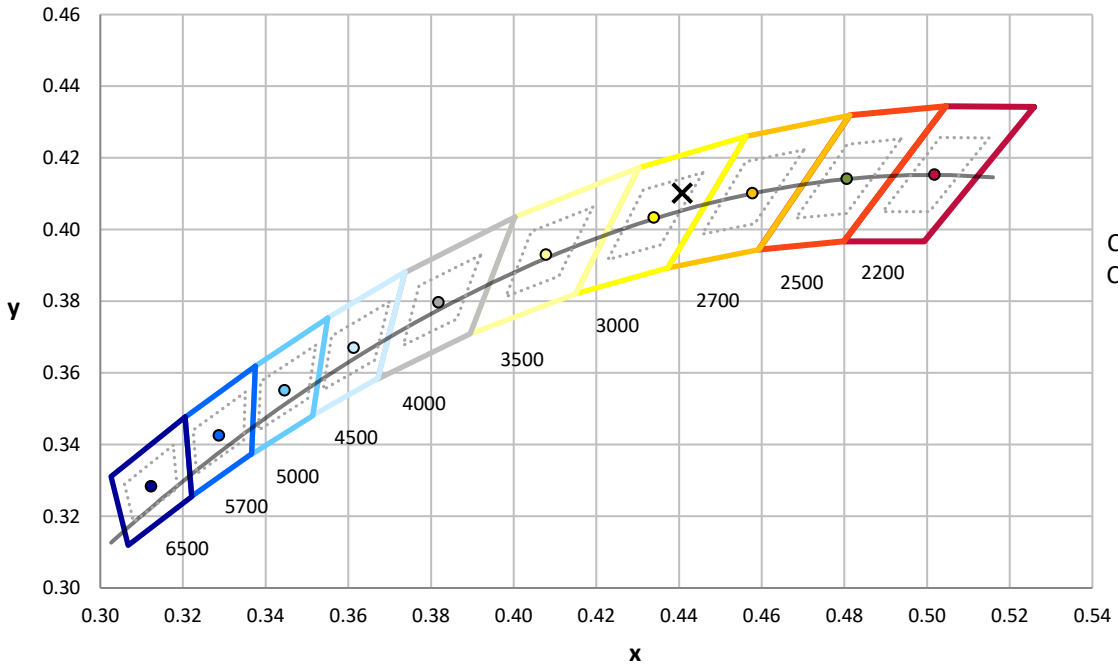
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

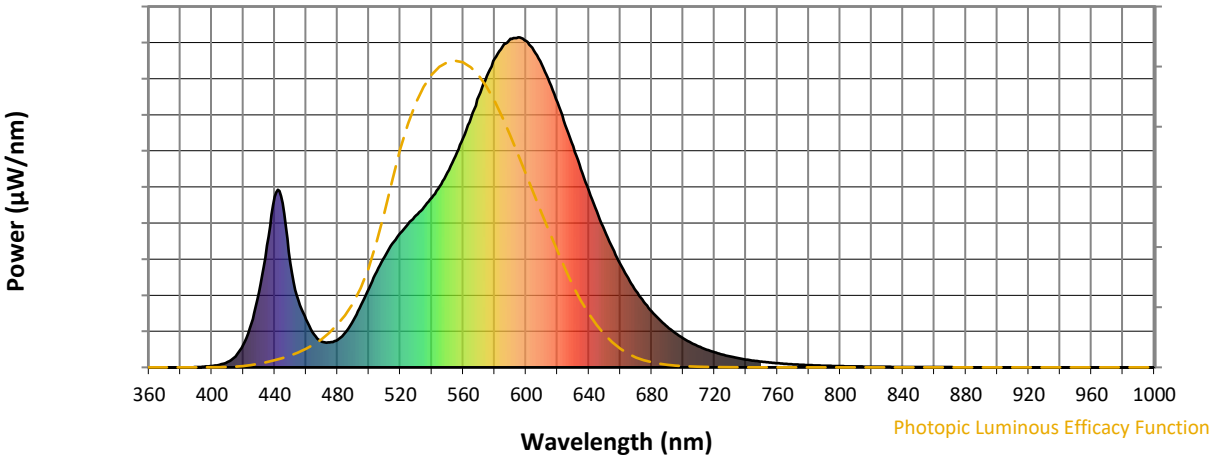


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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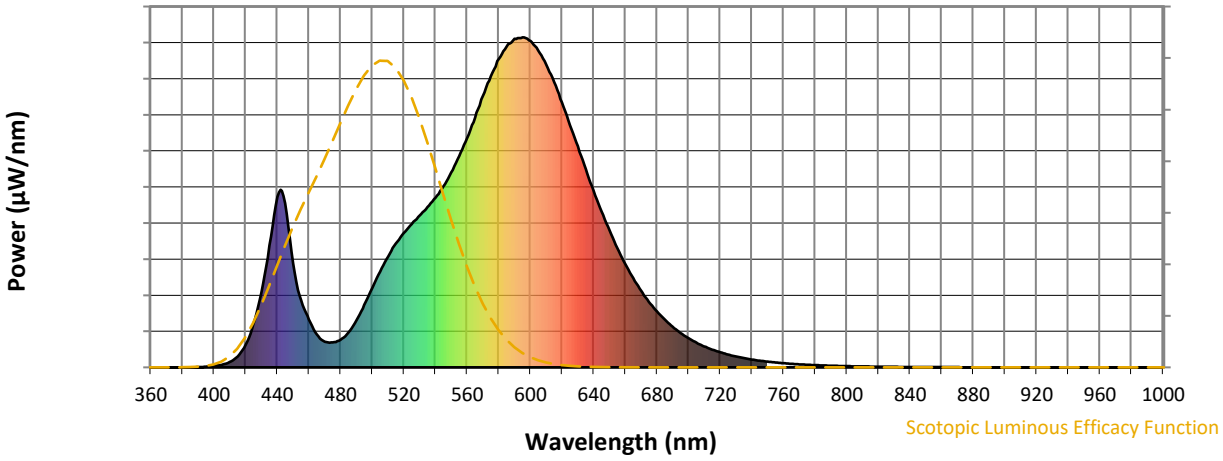
Scotopic Flux vs. Wavelength



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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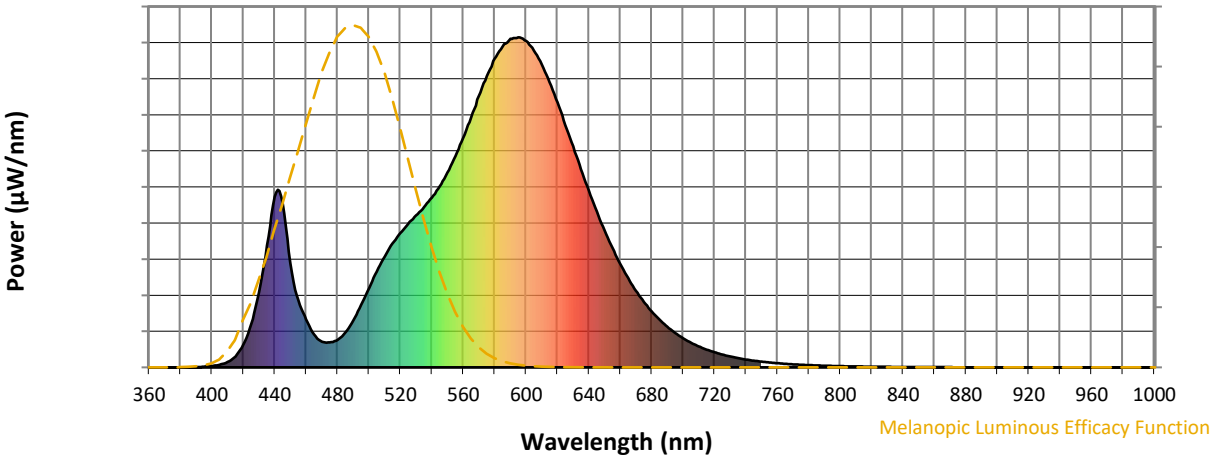
Melanopic Flux vs. Wavelength



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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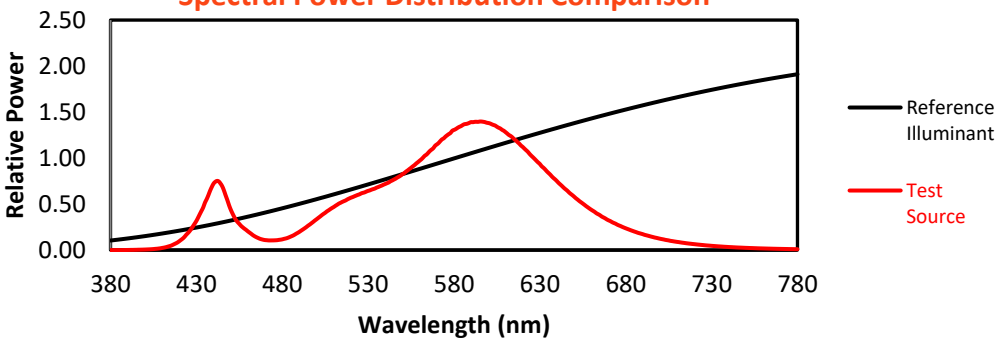
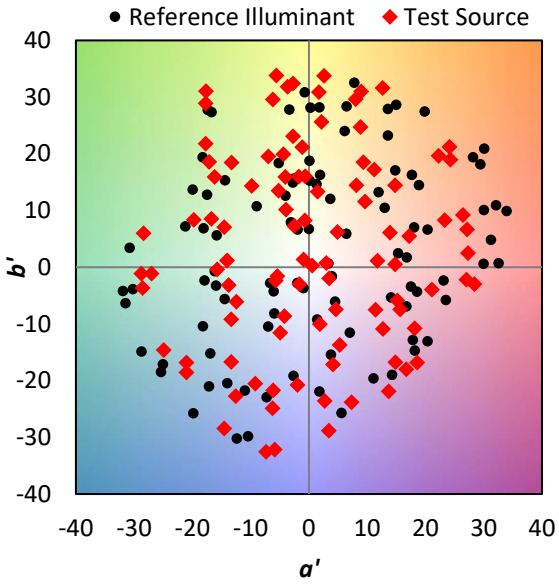
Summary

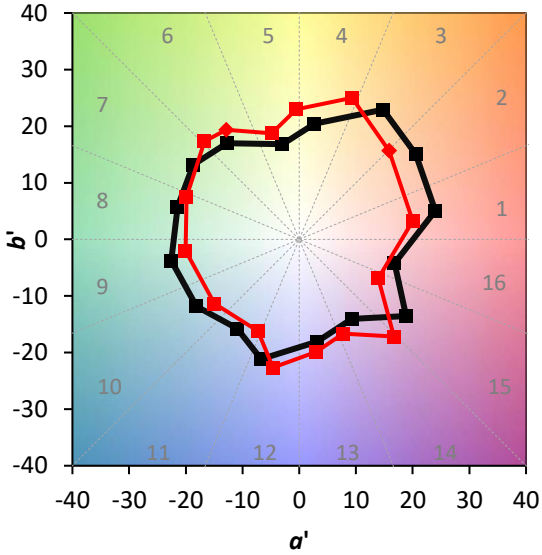
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

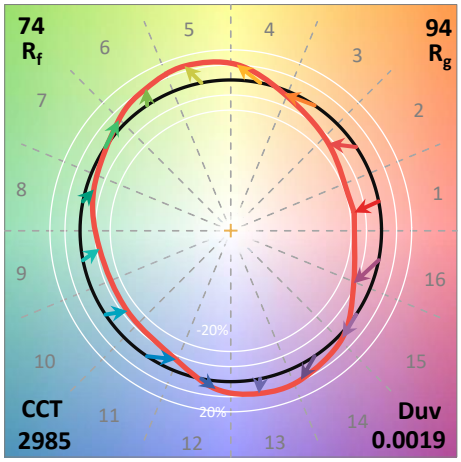
Spectral Power Distribution Comparison

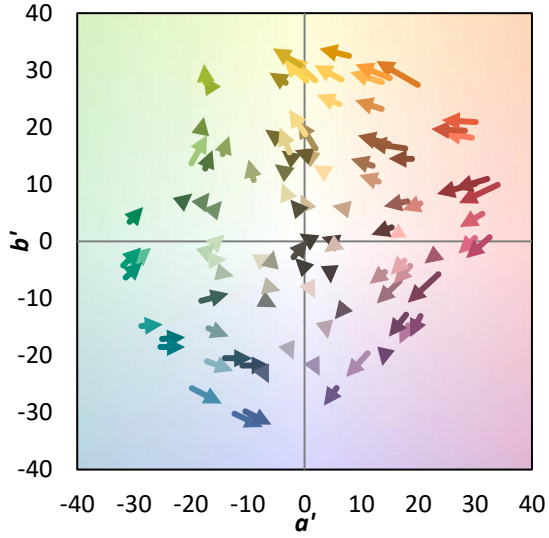


Color Vector Graphics









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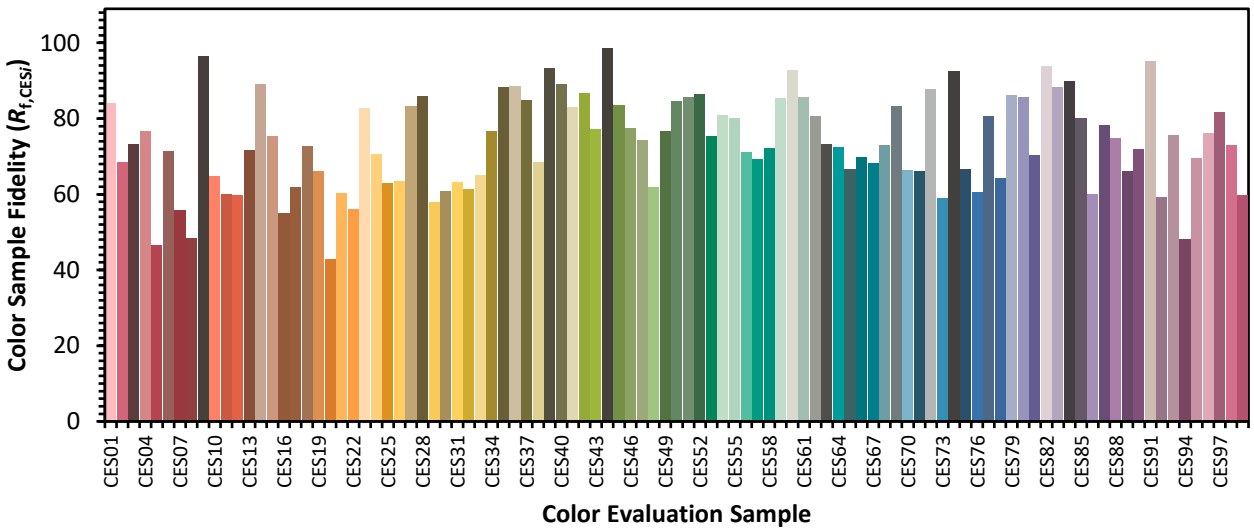
Individual Sample Fidelity Index ($R_{f,i}$)

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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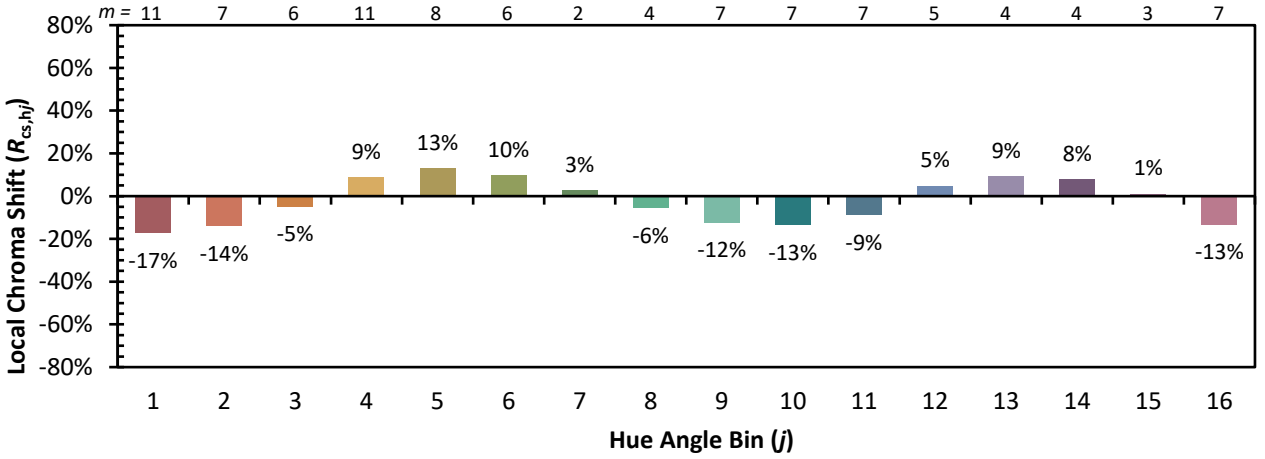
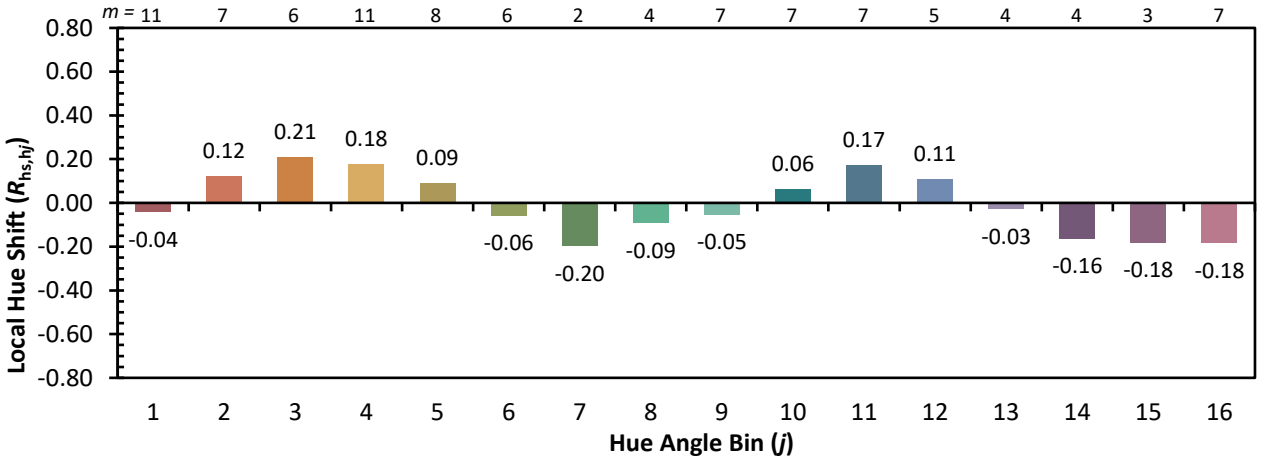
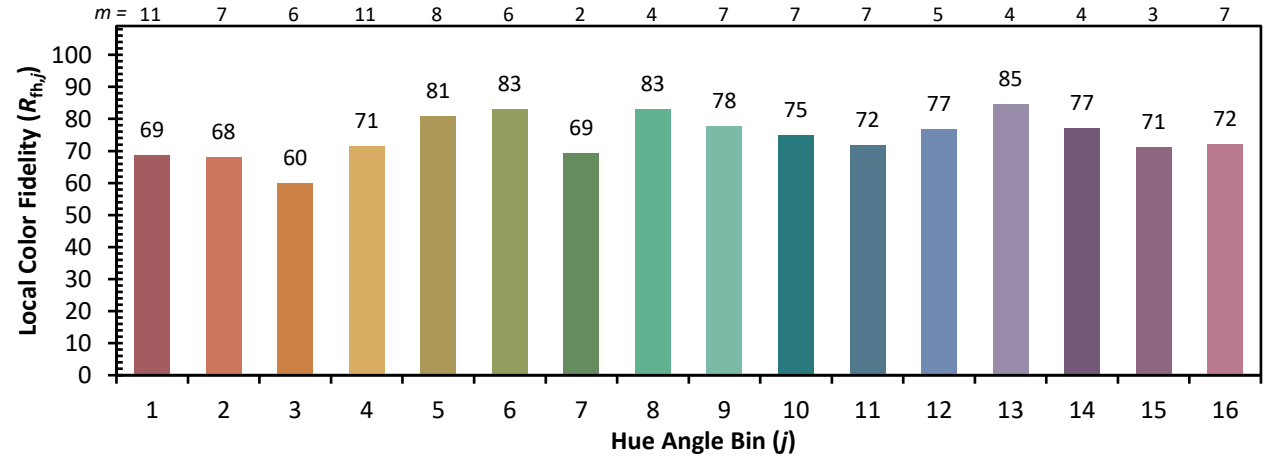
Color Rendition by Hue-Angle Bin







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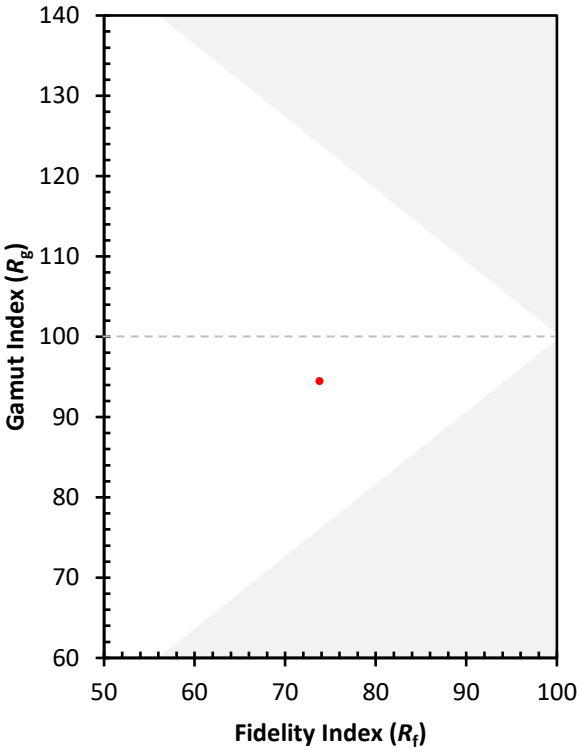
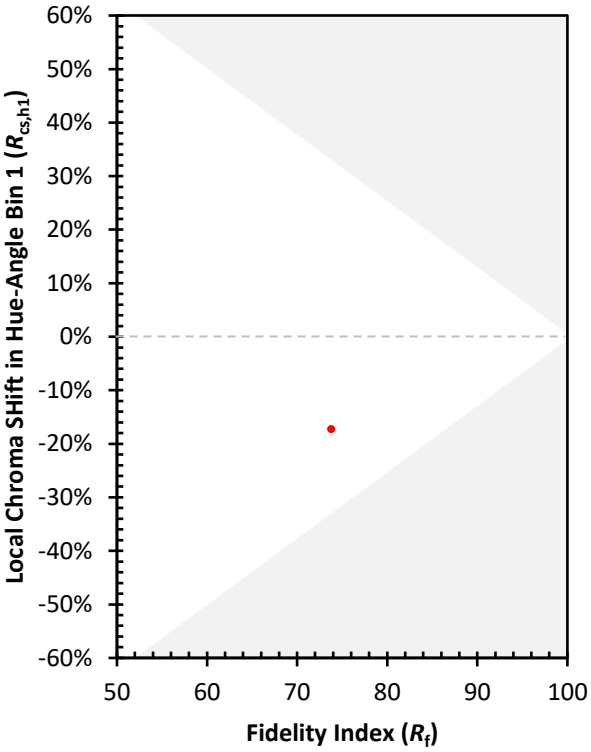
Measure Comparisons





(END OF REPORT)