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: P1065796

Luminaire Tested: **NVN-SA4D-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:	P1065796
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA4D-730-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 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:	23073 lumens
Efficiency:	N/A
Efficacy:	105.4 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):	218.9
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: P1065796
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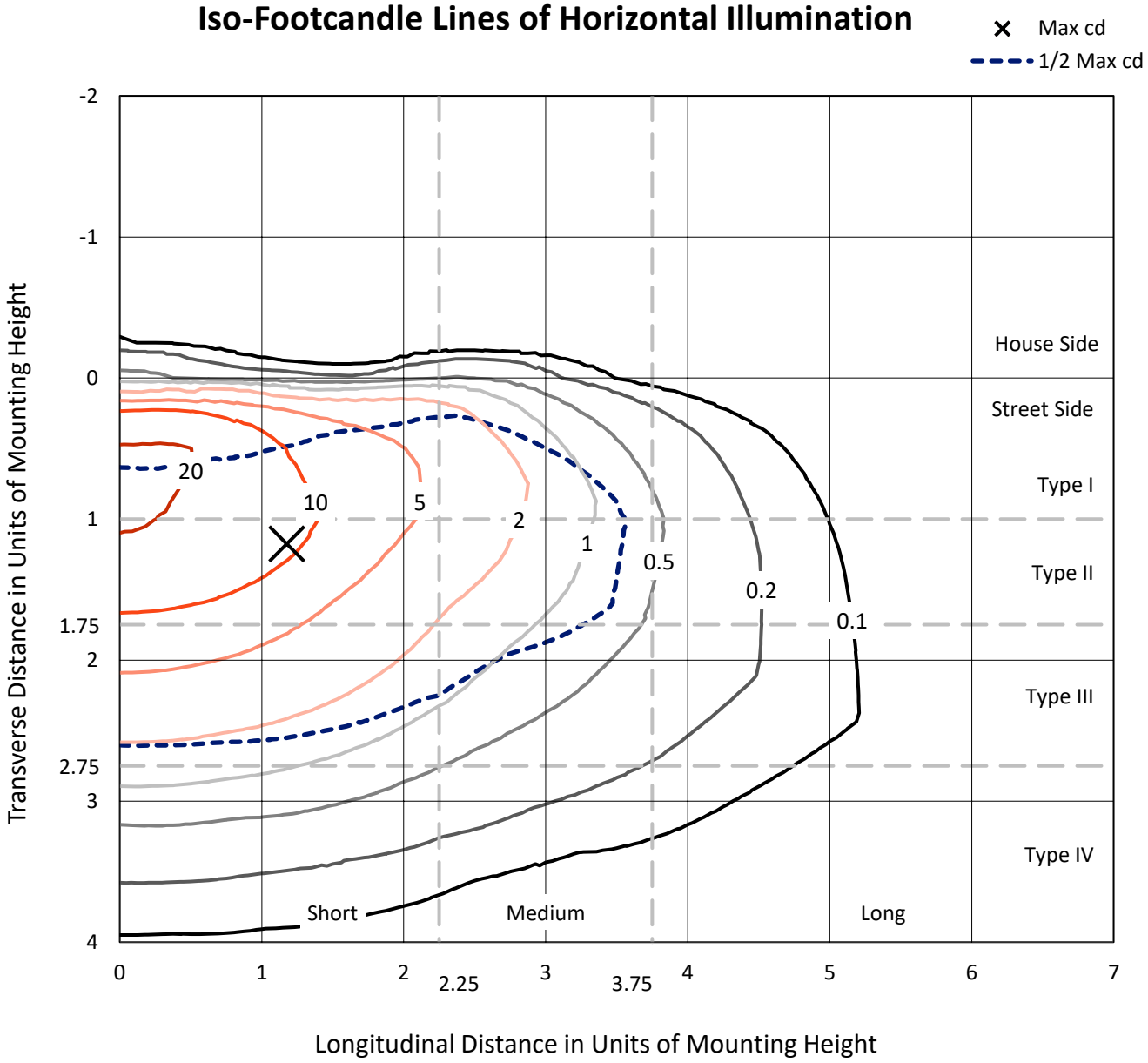
Iso-Footcandle Lines of Horizontal Illumination



Based on 15 foot mounting height. Maximum calculated value = 25.2 fc
Type III - Short - N/A

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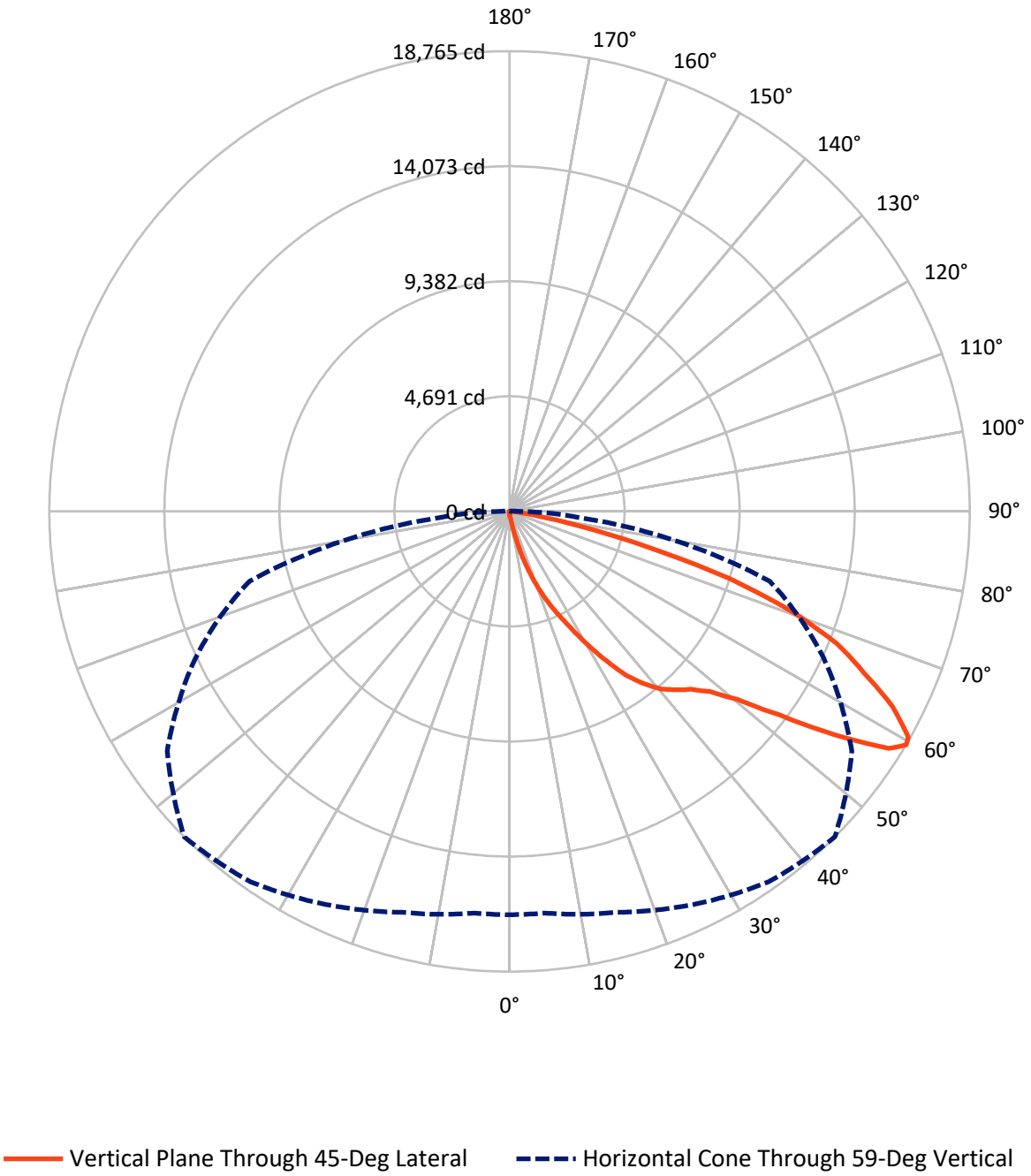
Luminous Intensity Polar Plot



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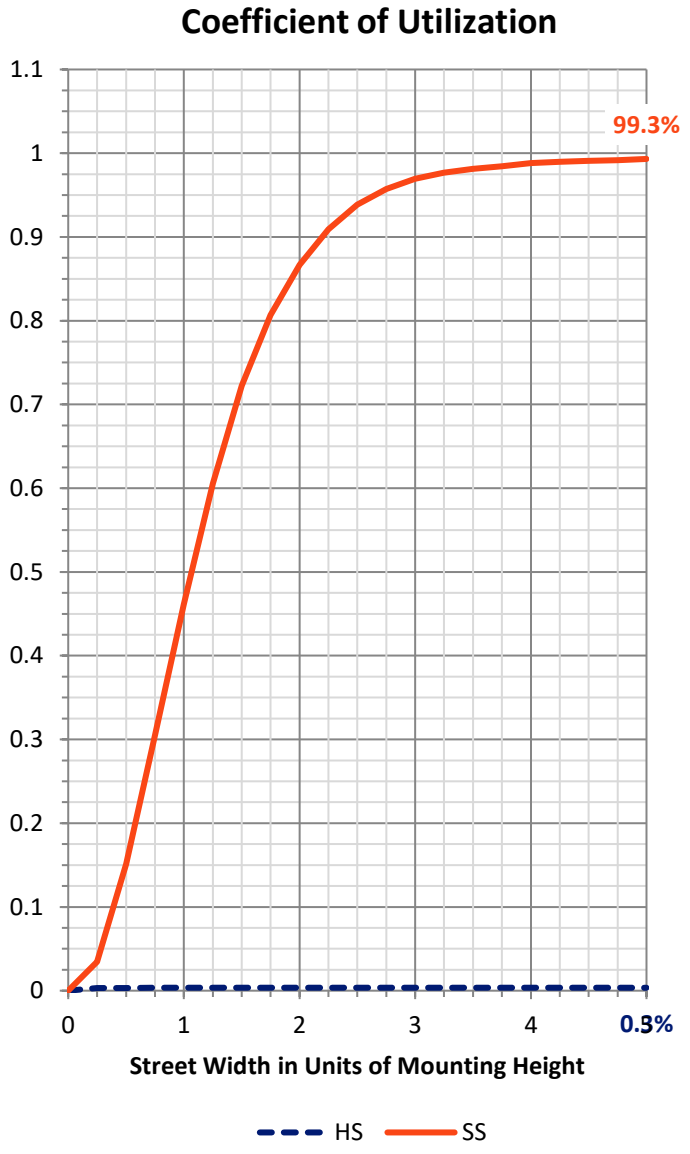
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.9	0.0	81.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22991.0	0.0	22991.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	23073.0	0.0	23073.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.4	0.1
10°-20°	255.0	1.1
20°-30°	916.3	4.0
30°-40°	2129.3	9.2
40°-50°	3629.3	15.7
50°-60°	5980.0	25.9
60°-70°	6914.3	30.0
70°-80°	2970.6	12.9
80°-90°	256.7	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°	23073.0	100.0
0°-180°	23073.0	100.0



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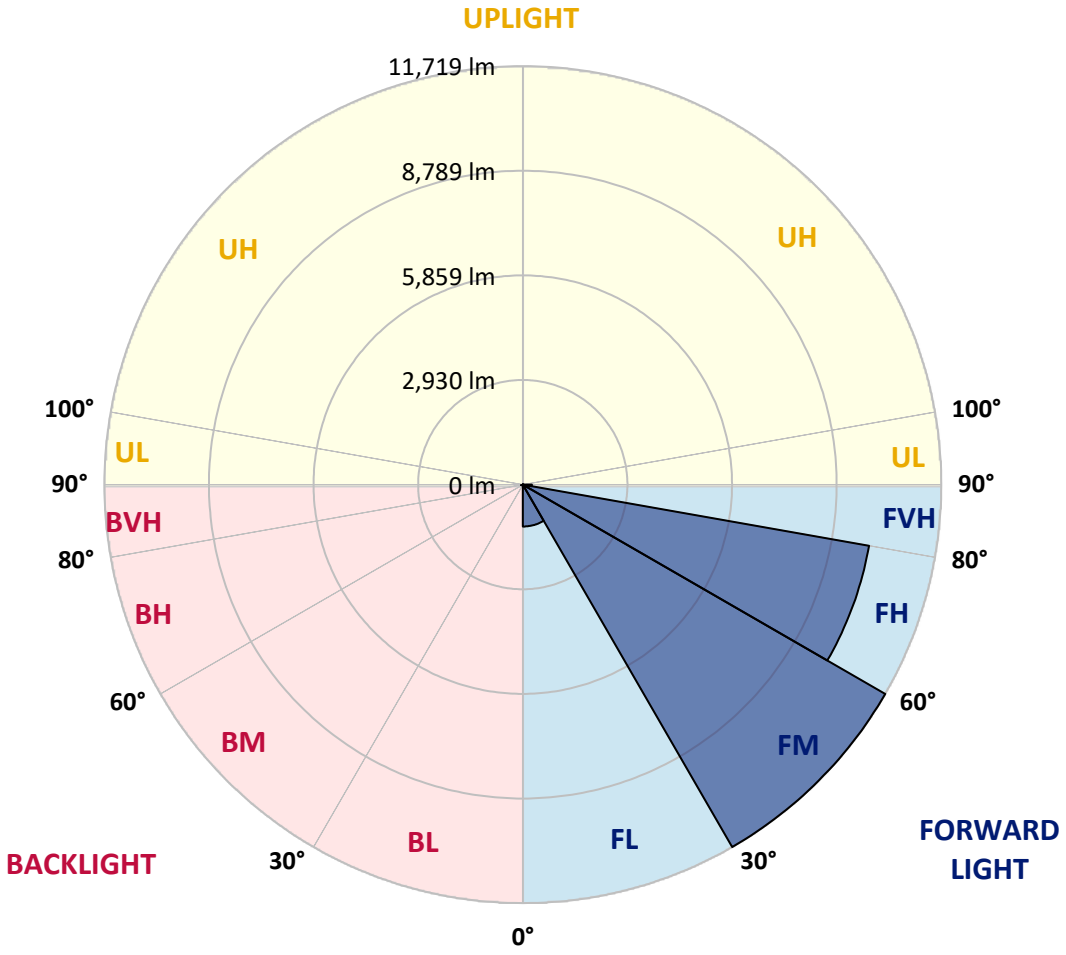
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1172.6	5.1			
FM	(30°-60°)	11718.8	50.8			
FH	(60°-80°)	9846.3	42.7			G4/12000
FVH	(80°-90°)	253.4	1.1			G3/500
BL	(0°-30°)	20.2	0.1	B0/110		
BM	(30°-60°)	19.8	0.1	B0/220		
BH	(60°-80°)	38.5	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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°	145.8	145.8	145.8	145.8	145.8	145.8	*145.8*	145.8	145.8	145.8	145.8
2.5°	189.3	189.3	184.6	178.4	176.9	172.2	*172.2*	167.6	161.3	156.7	150.5
5°	274.6	273.1	260.6	245.1	225.0	212.5	*212.5*	195.5	180.0	166.0	153.6
7.5°	600.4	586.4	541.4	467.0	369.2	304.1	*299.4*	243.6	206.3	178.4	155.1
10°	1377.7	1329.6	1266.0	1087.6	803.6	561.6	*550.8*	355.3	246.7	192.4	158.2
12.5°	2257.3	2296.1	2168.9	1888.1	1556.1	1157.4	*1079.8*	598.9	325.8	211.0	161.3
15°	3057.9	3048.6	2977.2	2747.6	2364.4	1833.8	*1785.7*	1041.0	467.0	240.5	164.5
17.5°	3656.7	3645.9	3577.6	3430.2	3135.4	2604.9	*2563.0*	1660.0	732.3	282.4	167.6
20°	4288.2	4274.2	4178.0	4060.1	3802.6	3351.1	*3301.4*	2352.0	1146.5	350.6	167.6
22.5°	5045.3	5018.9	4916.5	4716.4	4444.9	4052.3	*4007.3*	3059.4	1660.0	462.3	175.3
25°	5960.6	5915.6	5774.4	5594.5	5267.1	4745.8	*4697.7*	3847.6	2279.1	631.4	183.1
27.5°	7004.7	7012.5	6821.6	6517.6	6078.5	5546.4	*5456.4*	4553.5	2919.8	873.5	192.4
30°	8244.3	8166.7	7898.3	7544.6	7118.0	6440.0	*6353.1*	5256.3	3639.7	1230.3	207.9
32.5°	9404.8	9321.0	8959.5	8514.3	8056.6	7341.4	*7270.0*	6045.9	4294.4	1652.3	235.8
35°	10400.8	10341.8	9836.1	9293.1	8886.6	8247.4	*8225.7*	6927.1	5063.9	2106.8	266.8
37.5°	11277.4	11170.3	10520.3	9957.1	9544.4	8971.9	*8925.4*	7733.9	5805.5	2634.3	313.4
40°	12025.1	11966.2	11173.4	10433.4	10098.3	9586.3	*9527.3*	8441.3	6571.9	3247.1	370.8
42.5°	12825.7	12748.1	11978.6	11148.6	10531.1	9983.5	*9944.7*	9024.7	7254.5	3920.5	456.1
45°	13730.2	13585.9	12911.0	12166.3	11227.7	10394.6	*10351.2*	9544.4	7954.2	4643.4	560.1
47.5°	14696.7	14571.0	14024.9	13502.1	12422.3	11072.6	*10979.5*	9986.6	8649.2	5478.1	691.9
50°	15680.3	15683.4	15273.8	15022.5	13882.2	12174.1	*12042.2*	10636.6	9380.0	6371.7	887.4
52.5°	16825.3	16854.8	16848.6	16662.4	15778.1	13975.3	*13798.4*	11623.3	10228.6	7414.3	1157.4
55°	17304.7	17357.4	17700.3	18113.0	17872.5	16259.0	*16069.7*	13325.2	11353.4	8576.3	1557.6
57.5°	16912.2	16971.1	17444.3	18167.3	18719.6	18258.8	*18237.1*	15540.7	12835.0	9985.0	2212.3
59°	*16445.2*	*16437.4*	*16923.0*	*17689.4*	*18434.1*	*18733.5*	*18764.6*	*17039.4*	*14125.8*	*10973.3*	*2777.1*
60°	16134.9	16141.1	16463.8	17250.4	18041.6	18561.3	*18682.3*	17922.1	14879.8	11683.8	3261.1
62.5°	14937.2	15008.6	15264.5	15995.3	16746.2	17326.4	*17532.7*	18708.7	17037.8	13362.5	4944.4
65°	13635.5	13640.2	14004.8	14630.0	15349.9	15757.9	*15888.2*	17484.6	18479.1	15072.2	7152.1
67.5°	11313.0	11407.7	11821.9	12835.0	13786.0	14302.7	*14401.9*	15219.5	17881.8	16186.1	8258.3
70°	7917.0	8041.1	8632.2	9946.2	11362.7	12211.3	*12205.1*	12651.9	15737.7	15689.6	7001.6
72.5°	3953.0	4167.1	4649.6	6056.8	7772.7	9105.4	*9386.2*	10177.4	12642.6	13032.0	5223.7
75°	1746.9	1759.3	2033.9	2742.9	3863.1	5555.7	*5807.0*	8078.3	9699.6	9057.3	3773.1
77.5°	1016.2	1025.5	1075.1	1231.8	1565.4	2722.8	*3005.1*	5298.1	6854.2	5264.0	2460.6
80°	369.2	378.5	377.0	467.0	685.7	1072.0	*1194.6*	2567.6	4572.1	2772.4	1289.2
82.5°	226.5	226.5	218.8	220.3	249.8	411.1	*449.9*	1093.8	2226.3	1365.3	369.2
85°	111.7	117.9	125.7	141.2	167.6	203.2	*215.6*	313.4	749.3	330.5	88.4
87.5°	66.7	68.3	74.5	90.0	111.7	145.8	*155.1*	212.5	268.4	221.9	21.7
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-SA4D-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8	145.8
2.5°	147.4	145.8	138.1	131.9	125.7	119.5	114.8	110.2	110.2	111.7	110.2
5°	147.4	141.2	128.8	117.9	108.6	100.8	93.1	86.9	85.3	85.3	86.9
7.5°	145.8	138.1	121.0	107.0	94.6	83.8	76.0	68.3	66.7	68.3	66.7
10°	144.3	135.0	114.8	97.7	80.7	69.8	59.0	51.2	51.2	51.2	52.7
12.5°	144.3	130.3	108.6	88.4	69.8	57.4	46.5	38.8	37.2	37.2	37.2
15°	142.7	127.2	102.4	77.6	59.0	43.4	34.1	26.4	26.4	26.4	26.4
17.5°	139.6	122.6	94.6	68.3	46.5	32.6	23.3	15.5	15.5	18.6	18.6
20°	136.5	117.9	85.3	55.9	38.8	24.8	15.5	9.3	9.3	14.0	15.5
22.5°	138.1	117.9	79.1	49.6	31.0	18.6	12.4	7.8	6.2	10.9	14.0
25°	139.6	114.8	71.4	43.4	23.3	14.0	9.3	3.1	1.6	3.1	4.7
27.5°	139.6	111.7	62.1	34.1	17.1	10.9	4.7	0.0	0.0	0.0	0.0
30°	138.1	107.0	54.3	27.9	12.4	6.2	1.6	0.0	0.0	0.0	0.0
32.5°	136.5	102.4	49.6	21.7	10.9	3.1	0.0	0.0	0.0	0.0	0.0
35°	138.1	96.2	43.4	17.1	6.2	0.0	0.0	0.0	0.0	0.0	3.1
37.5°	142.7	90.0	37.2	14.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	148.9	85.3	31.0	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	161.3	85.3	27.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	176.9	85.3	23.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	197.0	86.9	20.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	221.9	90.0	18.6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	240.5	86.9	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	273.1	83.8	15.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	316.5	79.1	15.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*359.9*	*72.9*	*15.5*	*1.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	409.6	69.8	14.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	676.4	62.1	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1306.3	59.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2111.5	59.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2220.1	59.0	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1477.0	48.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	791.2	43.4	4.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	426.6	40.3	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	187.7	29.5	7.8	4.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	74.5	20.2	9.3	7.8	6.2	3.1	0.0	0.0	0.0	0.0	0.0
85°	35.7	15.5	12.4	10.9	7.8	4.7	0.0	0.0	0.0	0.0	0.0
87.5°	17.1	15.5	14.0	12.4	10.9	7.8	1.6	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

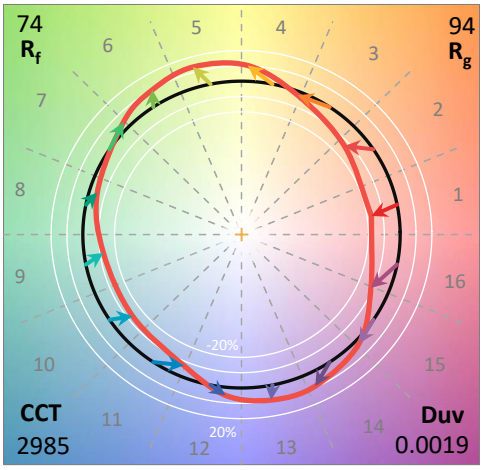
Test Information

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

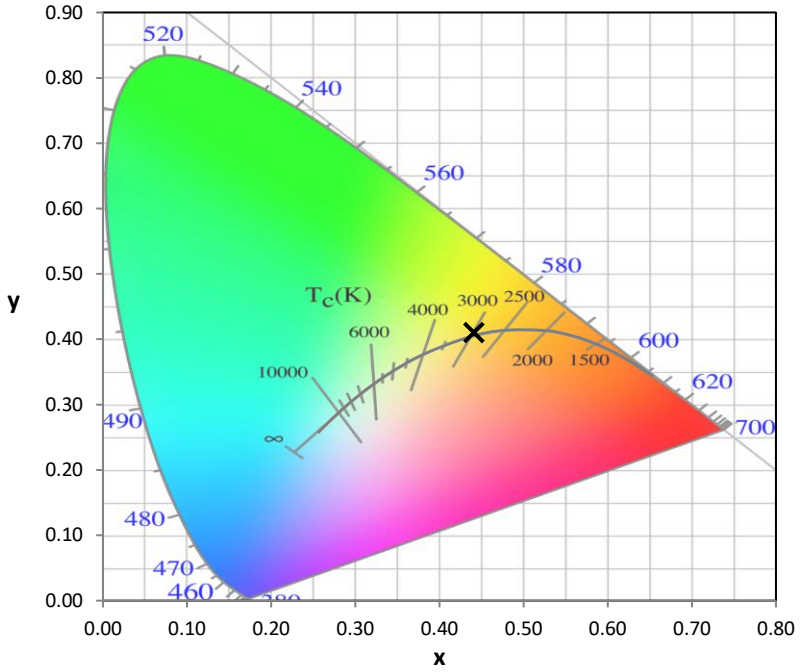
Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-4

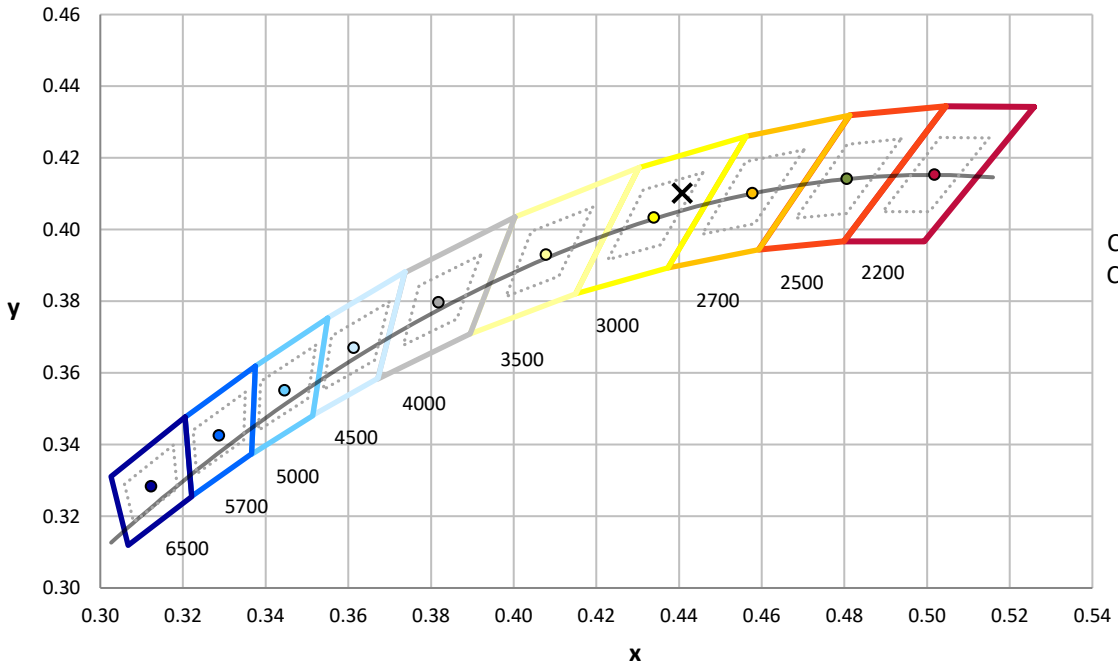
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

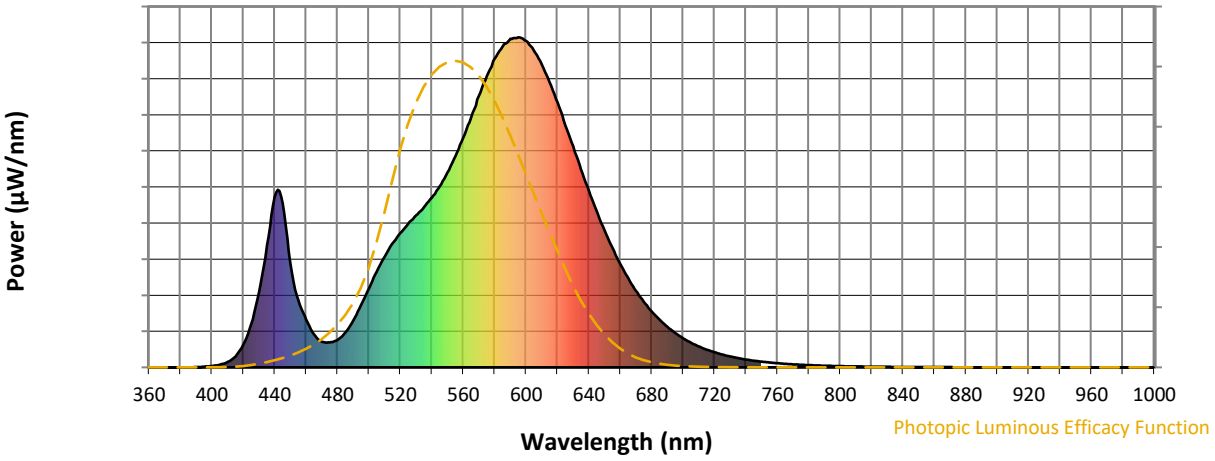


CCT = 2985K
CIE x = 0.4408
CIE y = 0.4101
Duv = 0.0019

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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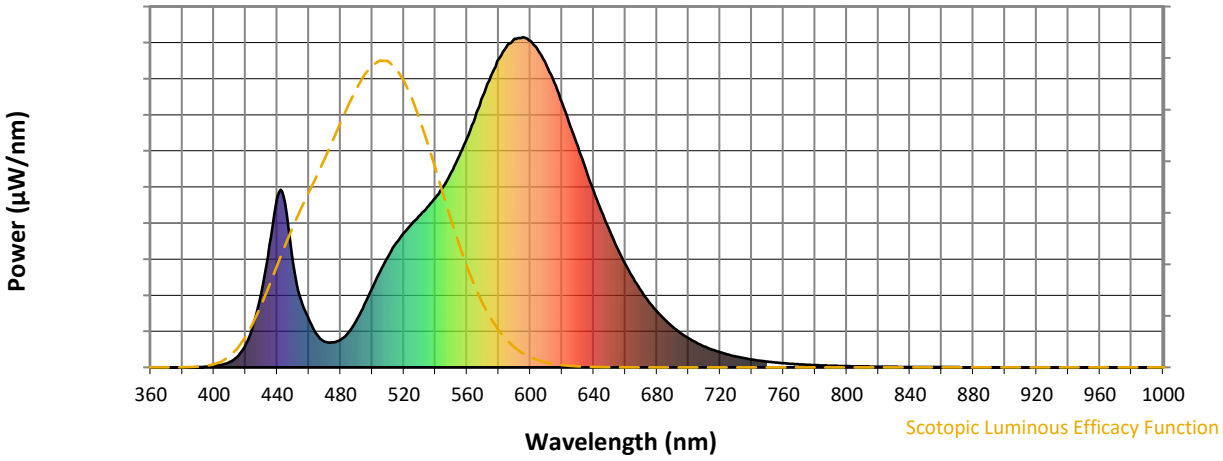
Scotopic Flux vs. Wavelength



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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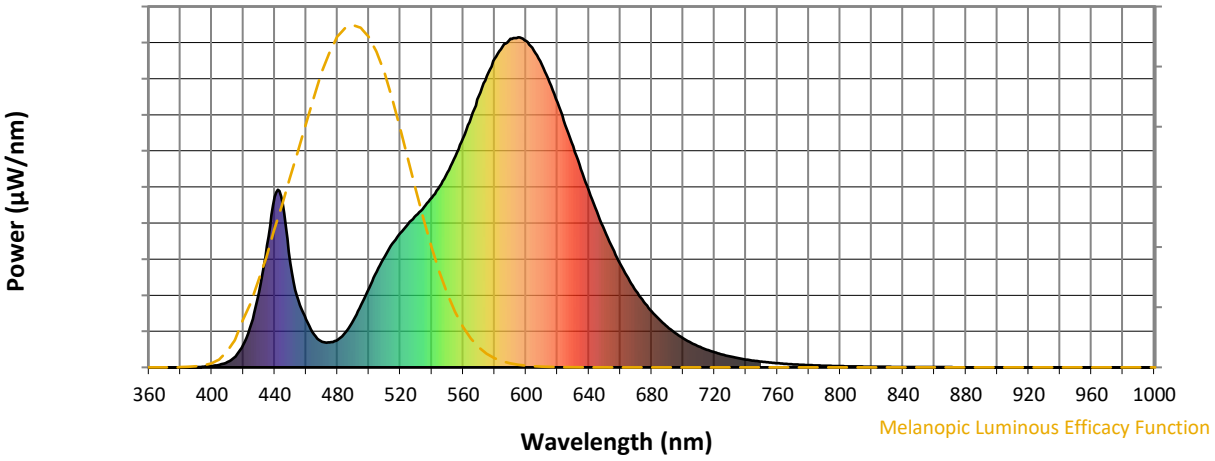
Melanopic Flux vs. Wavelength



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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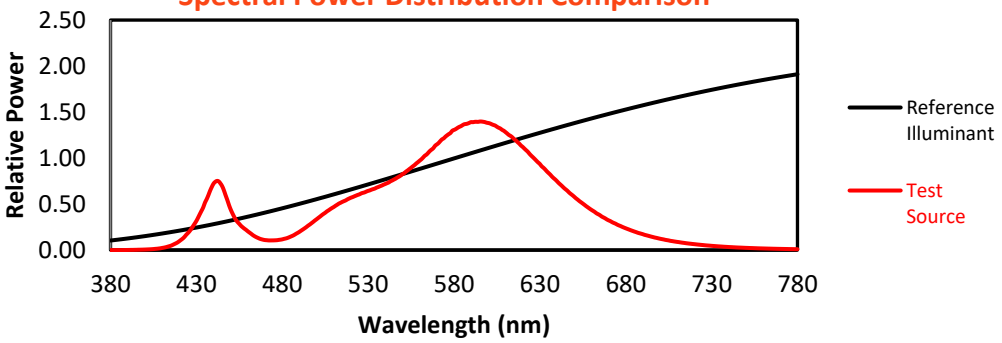
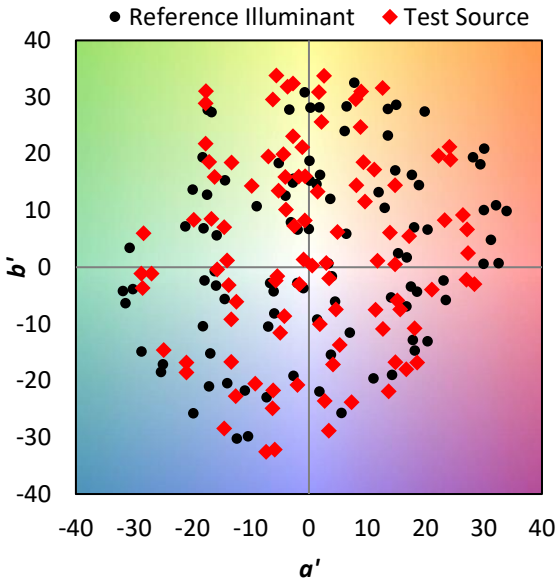
Summary

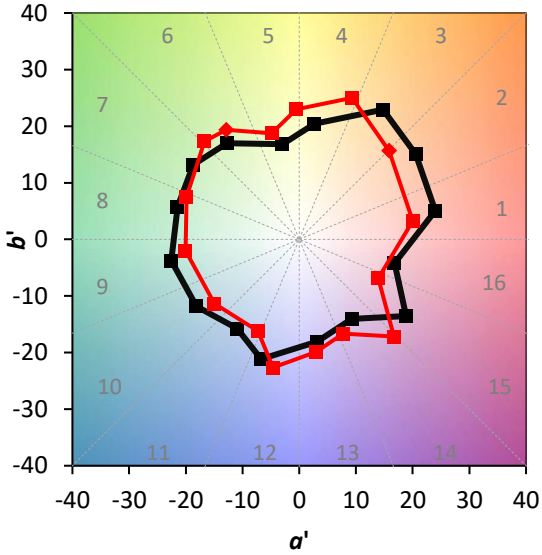
R_f = 73.8
R_g = 94.4
CIE R_a = 70.8
R_9 = -43.2

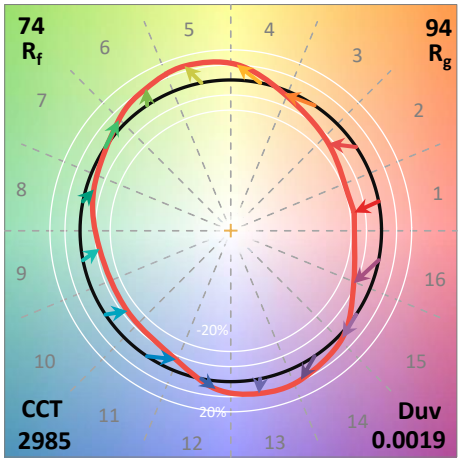
Spectral Power Distribution Comparison

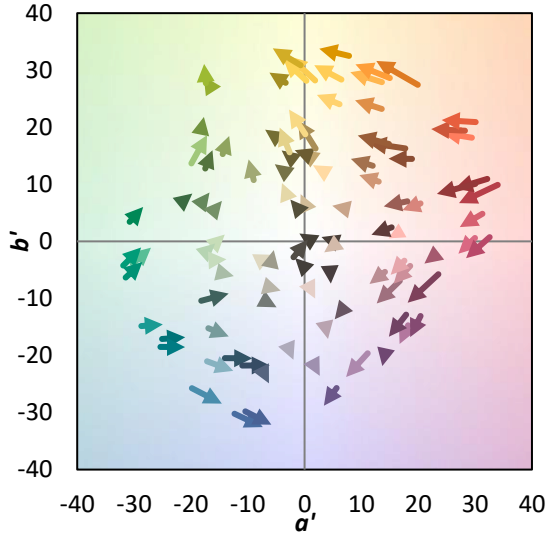


Color Vector Graphics









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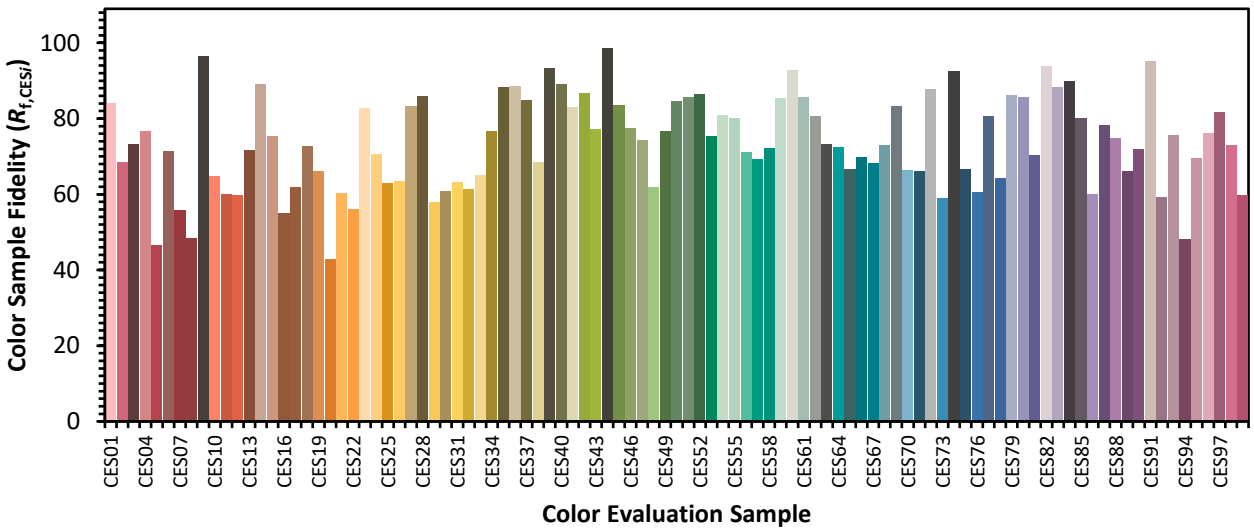
Individual Sample Fidelity Index ($R_{f,i}$)

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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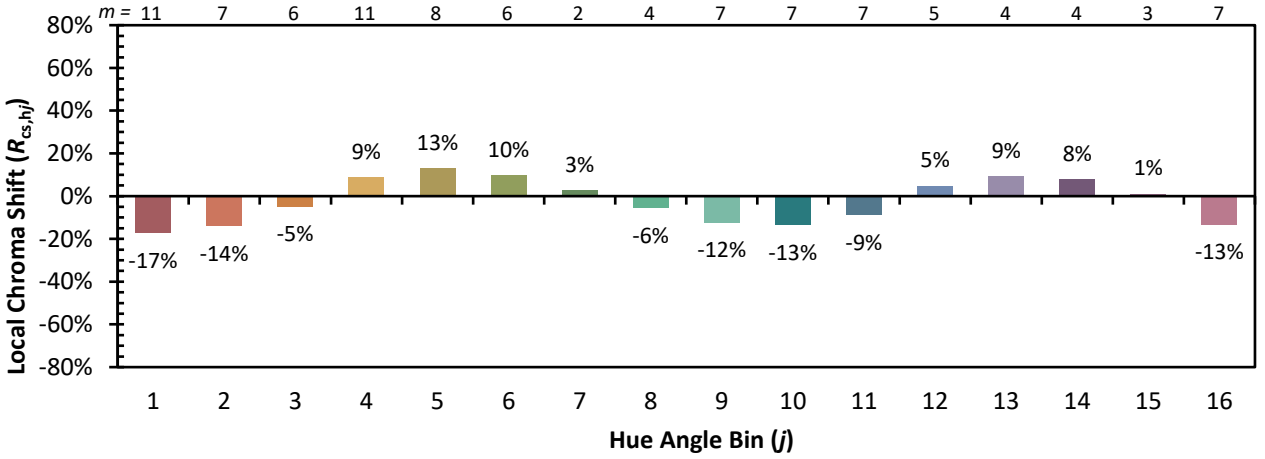
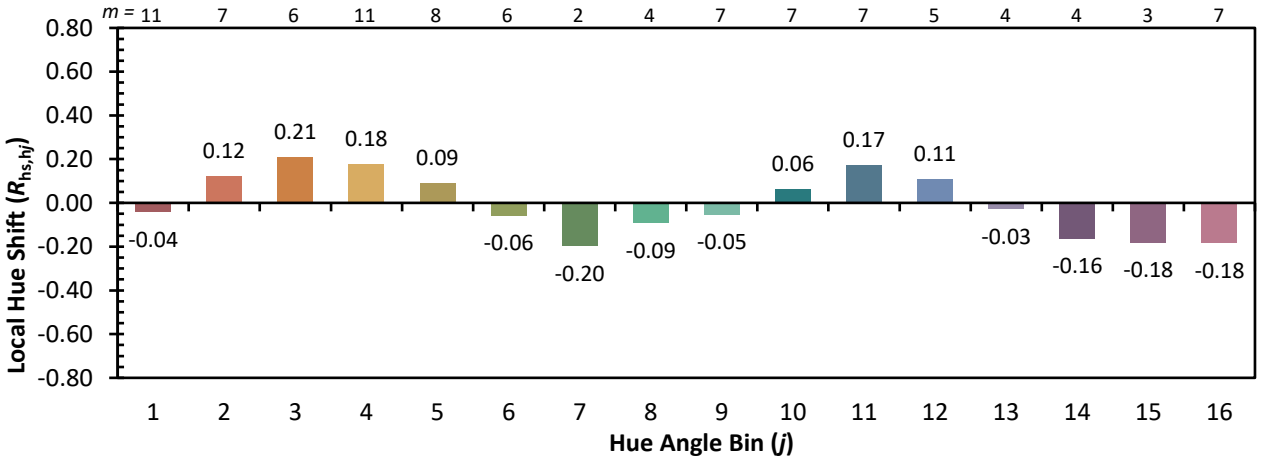
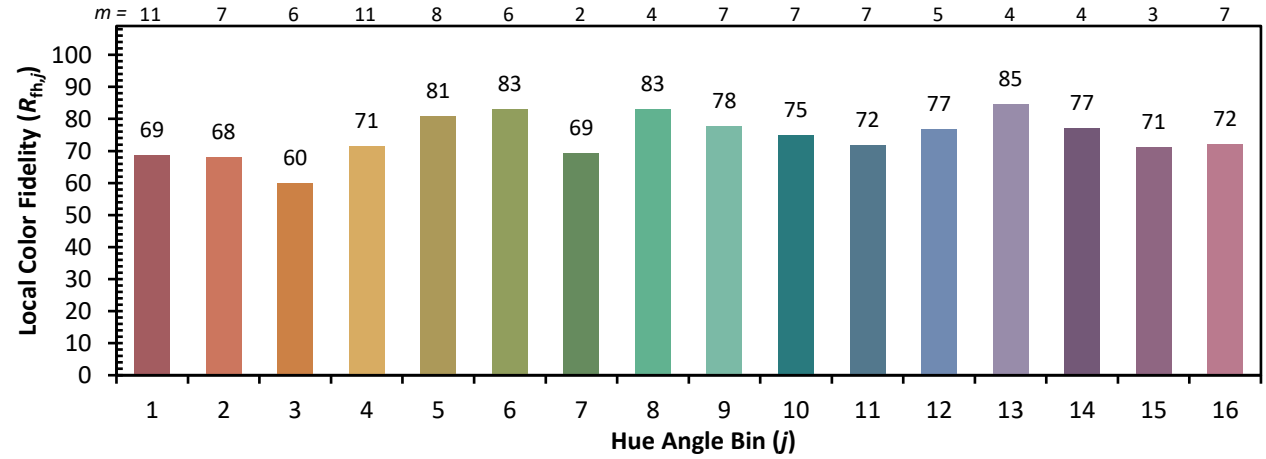
Color Rendition by Hue-Angle Bin







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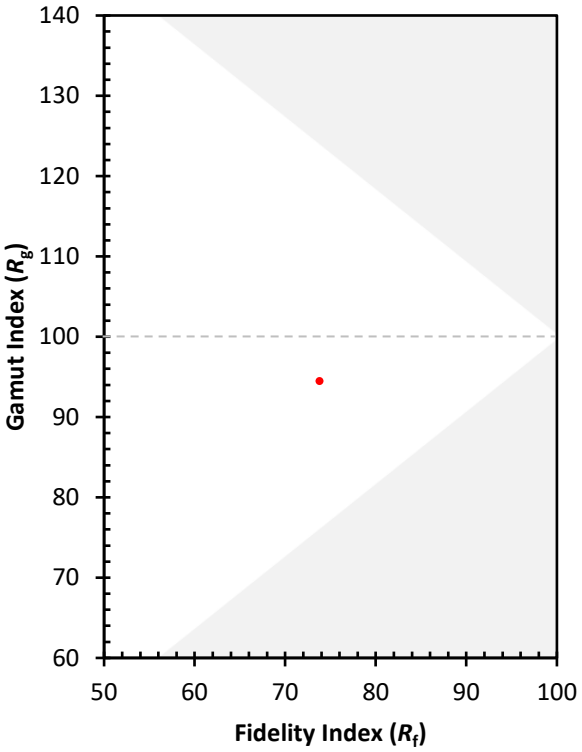
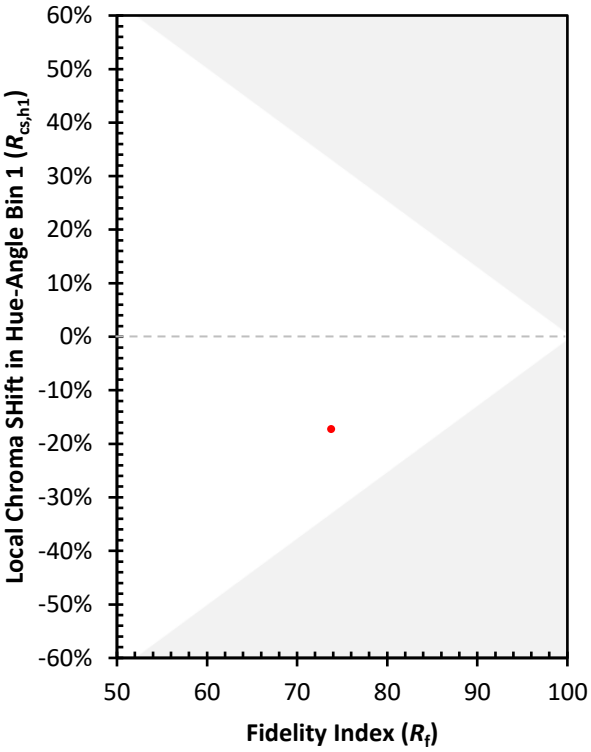
Measure Comparisons





(END OF REPORT)