

Signify Classified - Internal
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: P1063371

Luminaire Tested: **GLAN-SA1C-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063371
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1C-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5514 lumens
Efficiency: N/A
Efficacy: 109.8 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

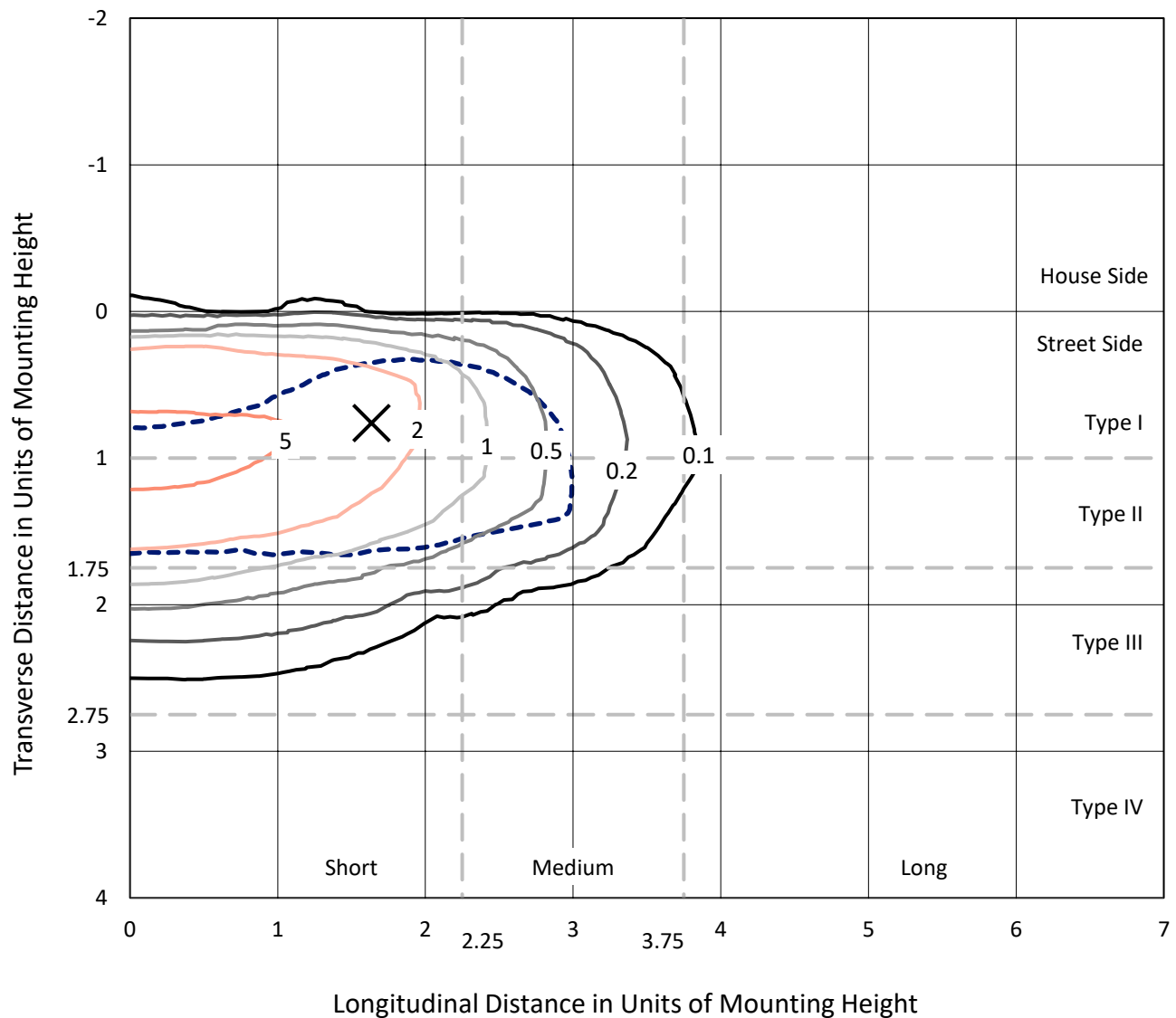


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

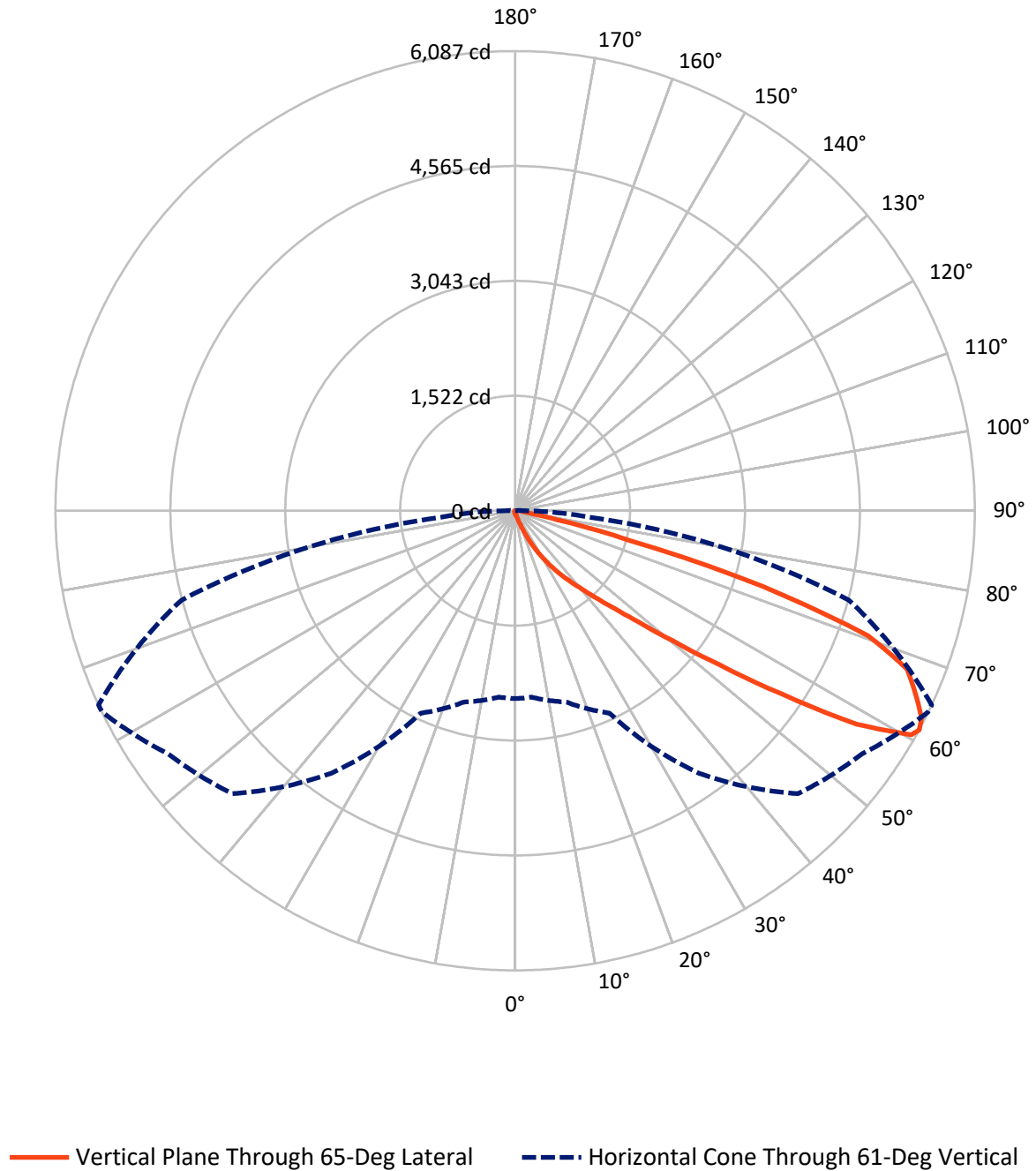


Based on 15 foot mounting height. Maximum calculated value = 7.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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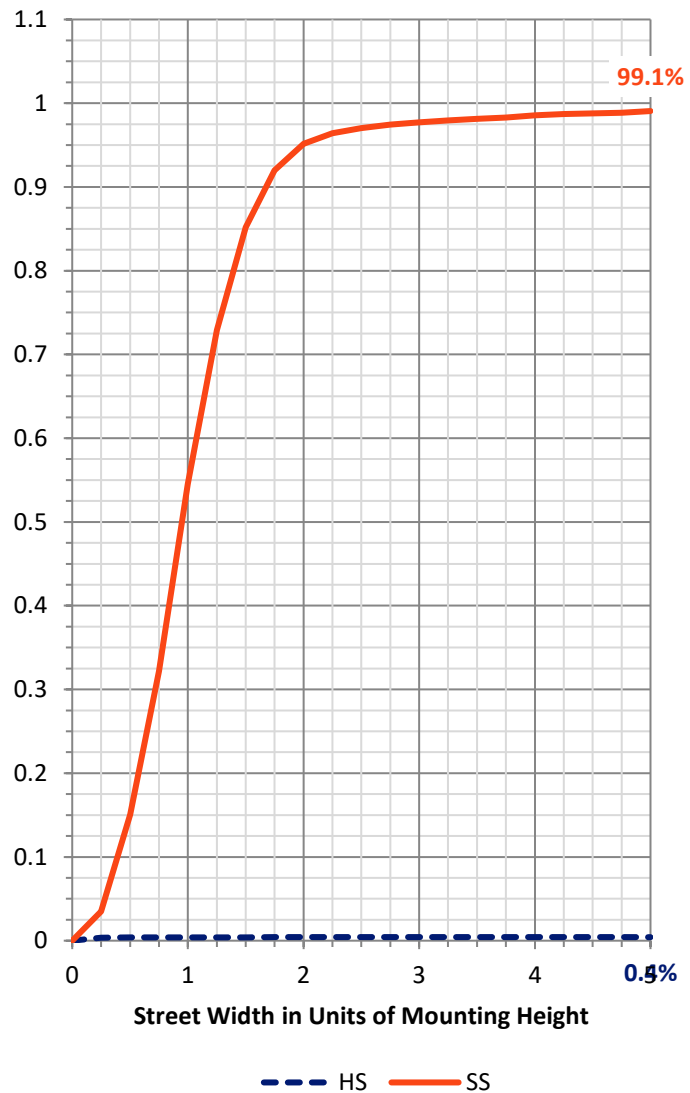
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.5	0.0	23.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5490.5	0.0	5490.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	5514.0	0.0	5514.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.3	0.1
10°-20°	45.3	0.8
20°-30°	162.7	3.0
30°-40°	433.2	7.9
40°-50°	1138.1	20.6
50°-60°	1763.2	32.0
60°-70°	1478.4	26.8
70°-80°	435.1	7.9
80°-90°	53.7	1.0
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°	5514.0	100.0
0°-180°	5514.0	100.0



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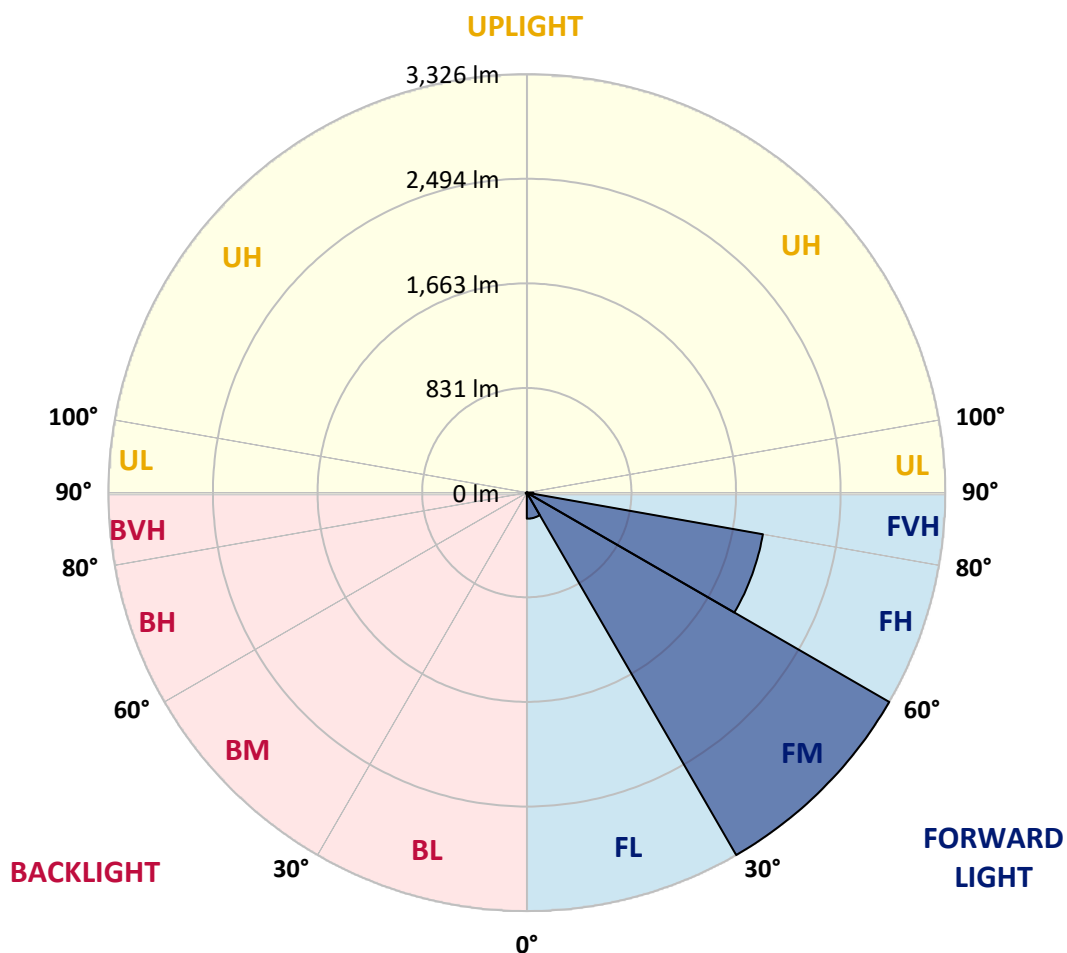
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	207.1	3.8			
FM	(30°-60°)	3325.6	60.3			
FH	(60°-80°)	1905.1	34.6			G2/5000
FVH	(80°-90°)	52.7	1.0			G1/100
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	9.0	0.2	B0/220		
BH	(60°-80°)	8.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G2

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	41.0	41.3	40.6	39.1	37.9	37.9	37.6	36.4	36.4	35.3	34.5
5°	57.3	56.5	55.0	52.0	49.3	46.7	44.0	41.3	41.0	37.6	35.3
7.5°	93.7	94.4	89.5	80.0	72.1	61.8	52.3	46.7	45.9	40.2	35.7
10°	205.6	199.9	188.5	151.7	124.8	94.1	69.8	54.2	53.5	43.2	36.4
12.5°	374.8	370.2	349.3	311.4	242.0	168.4	102.0	67.1	64.9	45.9	36.8
15°	540.1	532.9	521.5	483.2	402.1	301.9	166.9	91.8	85.7	49.7	36.4
17.5°	645.6	646.7	636.5	620.2	567.8	446.8	288.3	136.9	125.2	56.5	35.7
20°	737.7	735.1	740.8	732.1	695.3	607.3	419.5	217.0	196.9	67.5	36.0
22.5°	844.0	850.4	854.6	852.7	812.1	737.0	568.6	324.7	299.3	87.6	37.2
25°	986.2	985.4	985.8	980.9	941.4	858.0	718.0	458.6	432.8	120.2	39.8
27.5°	1135.3	1139.8	1141.7	1123.9	1072.3	990.4	856.5	605.0	574.6	172.6	43.2
30°	1338.9	1335.2	1326.4	1290.0	1227.4	1125.8	993.0	758.6	726.7	245.8	48.6
32.5°	1613.6	1609.4	1565.4	1485.0	1391.3	1266.9	1130.3	912.6	873.9	337.2	55.8
35°	2066.1	2072.5	1964.4	1756.2	1588.1	1436.4	1282.4	1065.8	1031.7	449.9	65.6
37.5°	2759.1	2723.8	2577.0	2209.1	1847.2	1648.1	1427.7	1220.6	1191.0	588.7	78.5
40°	3432.3	3397.4	3354.9	3006.4	2297.4	1881.4	1631.0	1402.3	1364.0	745.3	97.5
42.5°	4140.1	4120.8	4118.9	3856.0	3119.0	2248.1	1875.7	1615.1	1582.5	917.2	128.6
45°	4641.6	4622.2	4662.8	4708.7	4238.0	3034.1	2301.6	1891.6	1844.2	1125.8	178.3
47.5°	4709.1	4709.8	4818.3	4962.1	5069.4	4249.7	2869.1	2258.0	2200.3	1424.3	261.7
50°	4484.5	4493.2	4665.8	4923.0	5212.0	5269.7	3869.7	2789.8	2704.4	1778.2	380.1
52.5°	4057.0	4066.9	4307.4	4730.3	5080.8	5514.7	5047.8	3485.4	3387.2	2219.7	547.0
55°	3672.0	3678.1	3953.9	4488.3	4922.6	5381.6	5747.2	4414.3	4285.4	2762.9	711.6
57.5°	3290.8	3276.8	3456.2	4068.0	4895.7	5218.1	5850.4	5473.0	5330.7	3356.5	839.8
60°	2781.1	2757.5	2901.7	3290.8	4541.4	5325.4	5657.3	6058.6	6026.4	4183.0	938.8
61°	2487.9	2478.0	2622.9	2956.7	4243.3	5298.1	5611.1	6083.3	6086.7	4574.0	983.2
62.5°	1776.7	1804.7	2026.2	2460.2	3554.1	5121.0	5617.1	6007.0	6040.8	5093.7	1098.1
65°	789.7	834.8	1007.1	1360.2	2066.8	4260.0	5563.3	5839.8	5823.1	5236.3	1494.1
67.5°	468.4	475.3	561.0	770.7	1094.7	2291.4	4909.3	5618.6	5596.3	4558.5	1859.0
70°	369.1	372.5	399.8	483.6	635.3	877.7	2801.9	4861.2	4958.6	3696.3	1819.9
72.5°	350.1	349.3	353.1	367.9	400.2	435.4	1084.8	3231.3	3429.7	2662.0	1525.9
75°	345.5	344.0	340.2	334.5	289.8	256.4	336.1	1429.2	1544.1	1818.8	1148.9
77.5°	335.3	335.7	336.4	320.9	248.4	181.3	162.7	458.6	564.0	1154.2	816.6
80°	226.8	230.2	235.9	229.9	223.4	131.2	114.9	163.1	165.4	647.9	539.4
82.5°	114.9	114.9	112.3	100.1	86.5	85.3	91.4	118.3	119.9	327.7	253.8
85°	69.4	73.2	74.7	67.9	62.2	57.3	69.8	94.1	97.5	127.1	59.2
87.5°	15.6	15.9	17.4	23.1	33.8	45.9	64.9	86.1	87.6	81.6	7.2
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°	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2.5°	34.1	33.4	33.0	31.9	30.7	29.6	28.8	28.4	28.8	29.2	29.2
5°	33.8	32.6	30.7	28.8	27.3	25.8	24.3	23.9	23.9	24.3	24.3
7.5°	33.8	31.9	29.2	26.9	24.7	22.4	21.2	20.5	20.9	20.9	20.9
10°	33.8	31.5	28.1	24.7	22.0	19.3	17.4	16.7	16.7	16.7	16.7
12.5°	33.4	31.1	26.9	22.8	19.0	15.9	13.7	12.5	12.9	12.9	12.9
15°	32.6	30.0	25.4	19.3	15.2	12.1	9.9	8.7	9.1	9.9	10.2
17.5°	31.5	28.8	22.8	16.3	12.1	9.1	6.8	6.1	6.4	7.6	7.6
20°	31.1	27.7	20.1	13.3	9.1	6.4	4.6	3.8	4.2	5.7	6.1
22.5°	31.1	26.9	18.2	11.0	6.8	4.2	2.7	1.5	1.5	2.7	2.7
25°	31.5	26.6	16.7	9.1	4.9	3.0	1.5	0.8	1.5	4.2	4.9
27.5°	32.2	26.2	15.9	7.6	3.8	2.7	1.1	2.7	4.6	4.6	4.6
30°	33.0	25.4	14.8	6.4	3.4	1.9	1.9	3.8	3.8	4.6	4.9
32.5°	34.1	25.0	14.0	5.7	2.7	1.5	2.7	2.3	2.3	2.7	3.0
35°	36.4	25.4	13.3	5.7	2.7	1.9	2.3	1.1	0.8	0.8	0.8
37.5°	39.4	25.8	12.1	4.9	2.3	2.3	1.1	0.0	0.0	0.0	0.0
40°	44.4	26.9	11.4	4.6	1.9	1.9	0.4	0.0	0.0	0.0	0.0
42.5°	52.7	29.2	11.0	4.2	1.9	1.5	0.0	0.0	0.0	0.0	0.0
45°	69.4	34.5	10.2	3.8	1.9	0.8	0.0	0.0	0.0	0.0	0.0
47.5°	99.8	47.0	9.9	3.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	145.7	63.7	9.5	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	185.9	67.1	6.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	190.4	46.3	4.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	151.7	30.0	4.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	114.9	22.8	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	110.4	20.5	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	121.8	17.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	198.0	14.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	344.0	12.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	434.7	12.1	2.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	378.9	11.0	2.3	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	228.0	9.5	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	119.5	7.2	2.3	1.9	1.1	0.4	0.0	0.0	0.0	0.0	0.0
80°	58.0	6.4	2.7	1.9	1.5	0.8	0.0	0.0	0.0	0.0	0.0
82.5°	22.8	5.3	3.0	2.7	1.9	1.1	0.4	0.0	0.0	0.0	0.0
85°	10.2	4.6	3.4	3.0	2.7	1.5	0.4	0.0	0.0	0.0	0.0
87.5°	5.3	4.2	3.8	3.4	2.7	1.9	0.8	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

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

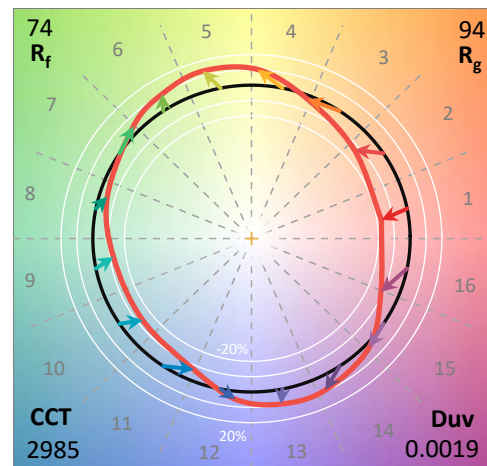
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

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	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

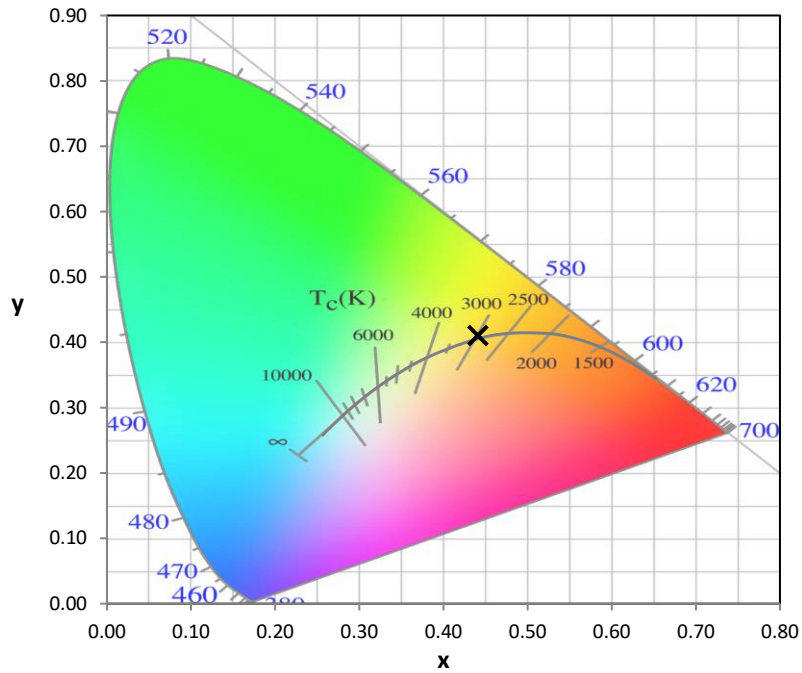
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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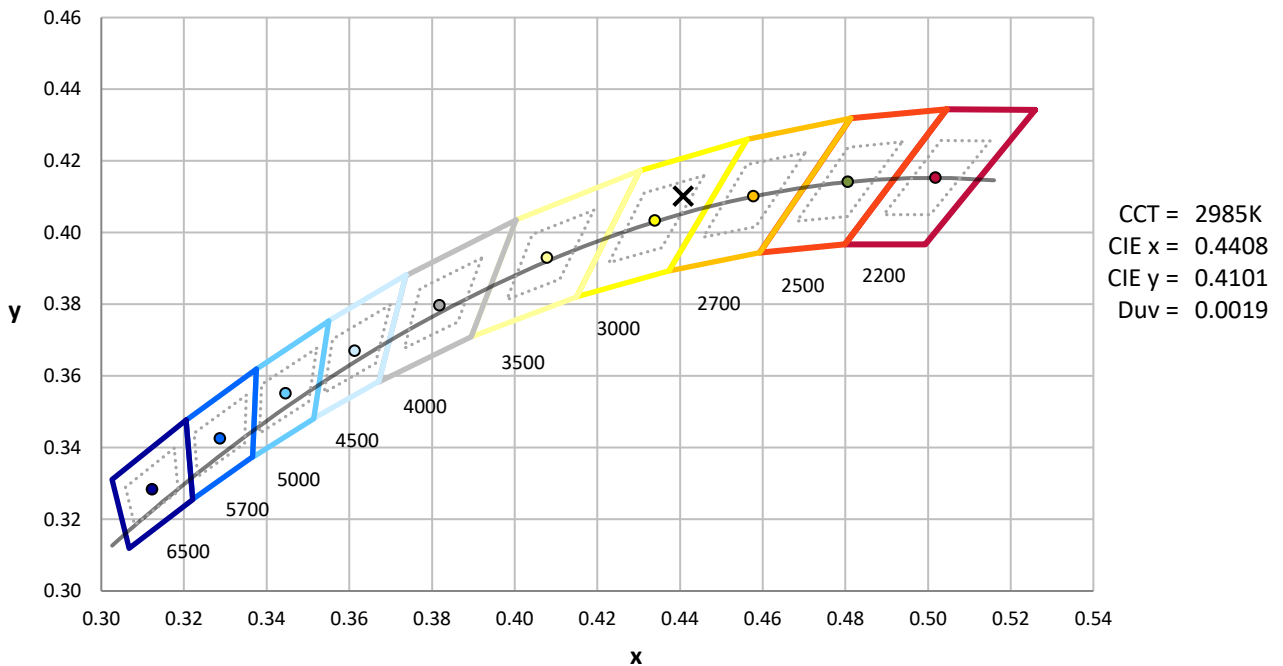
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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CIE 1931 Chromaticity Diagram



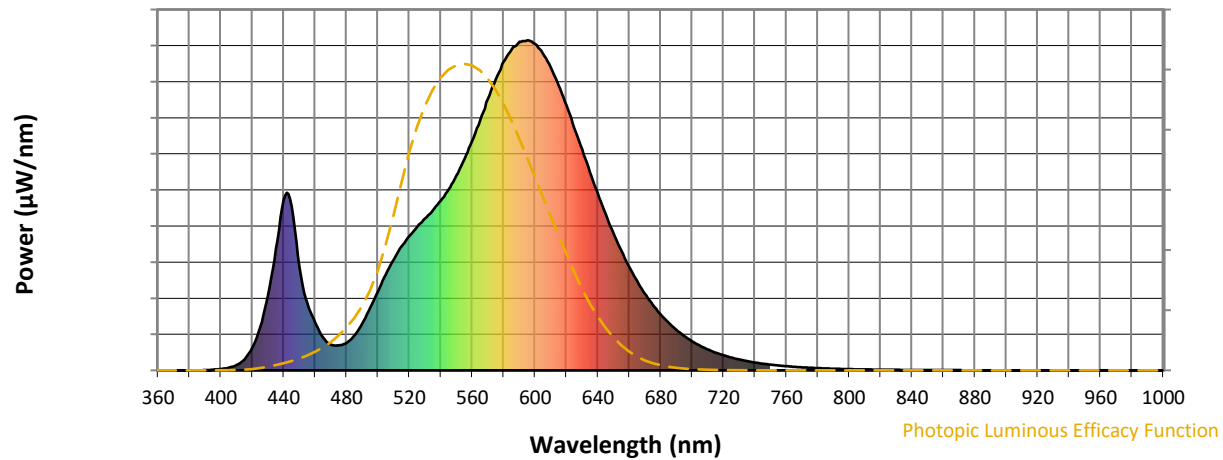
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

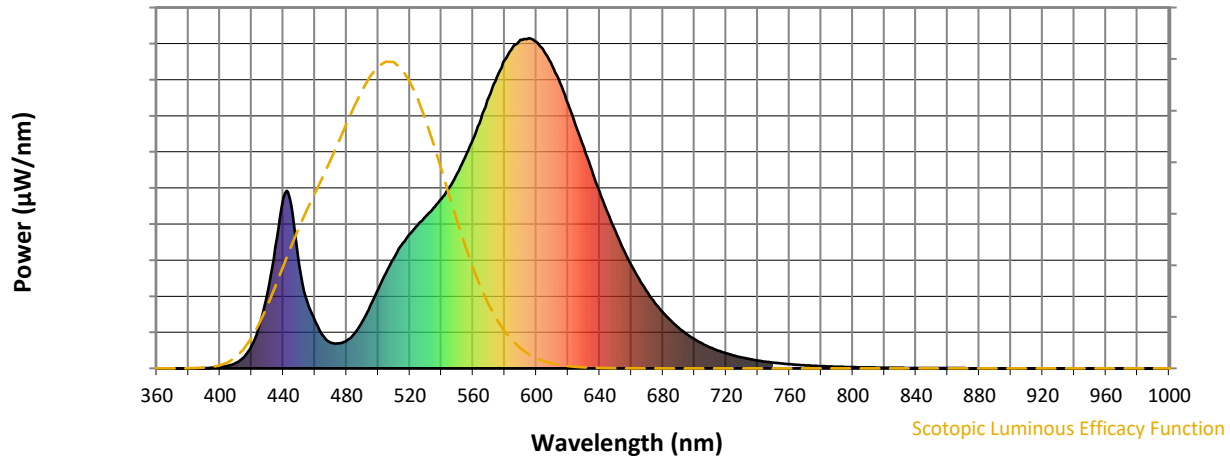


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



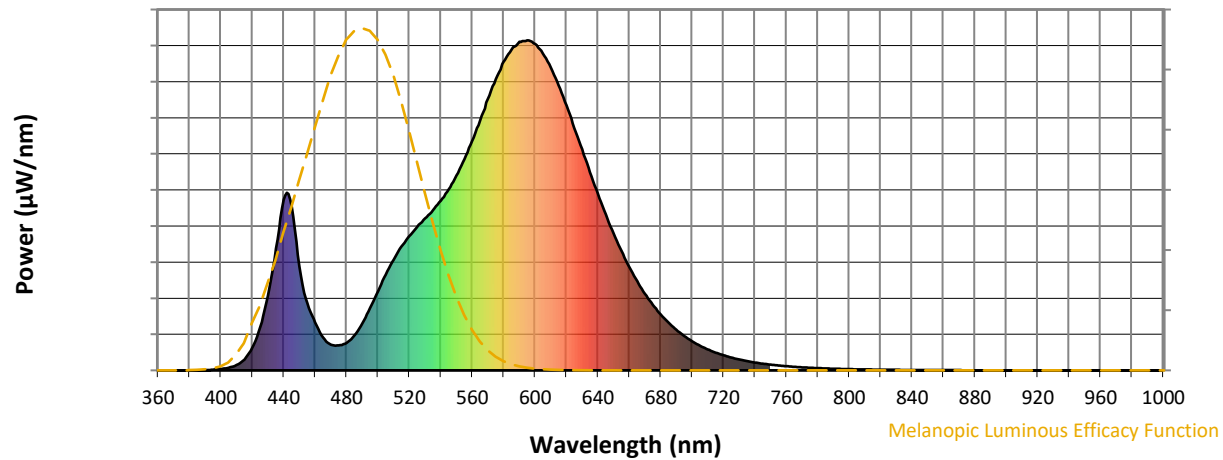
Scotopic Lumens: NR

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

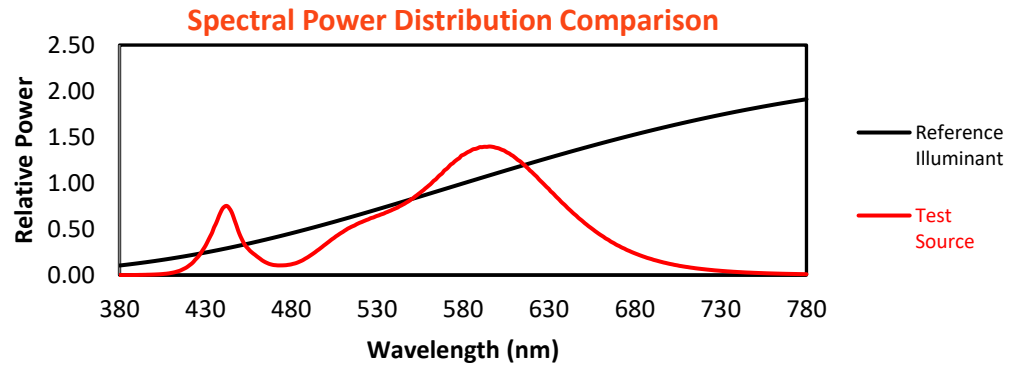
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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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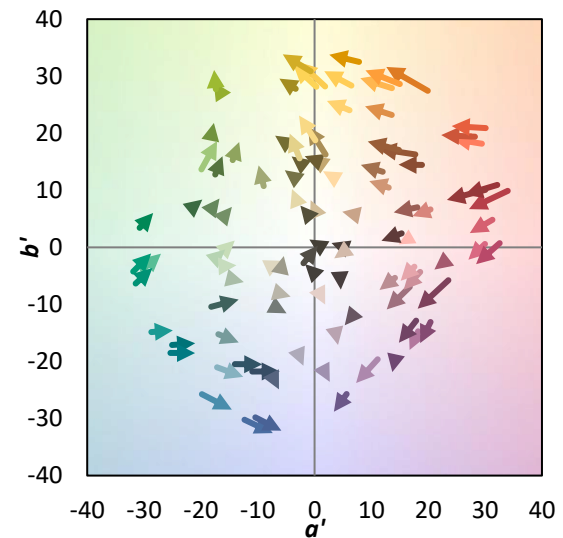
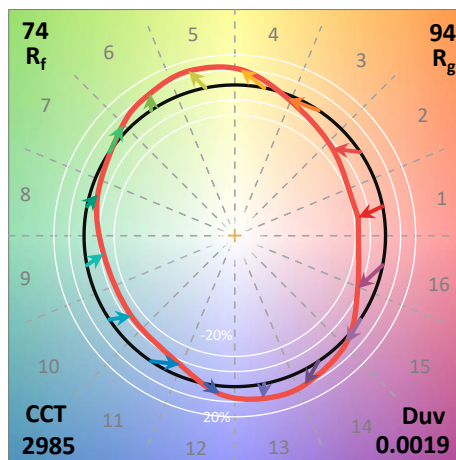
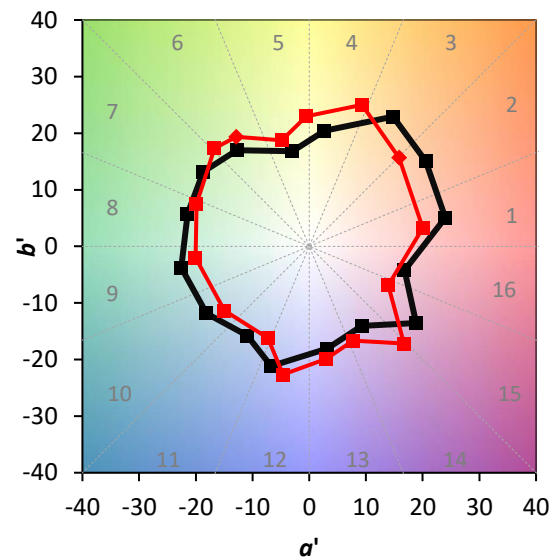
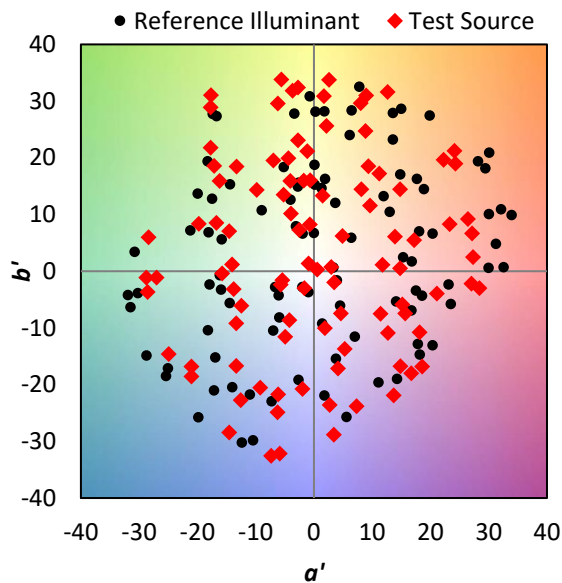
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

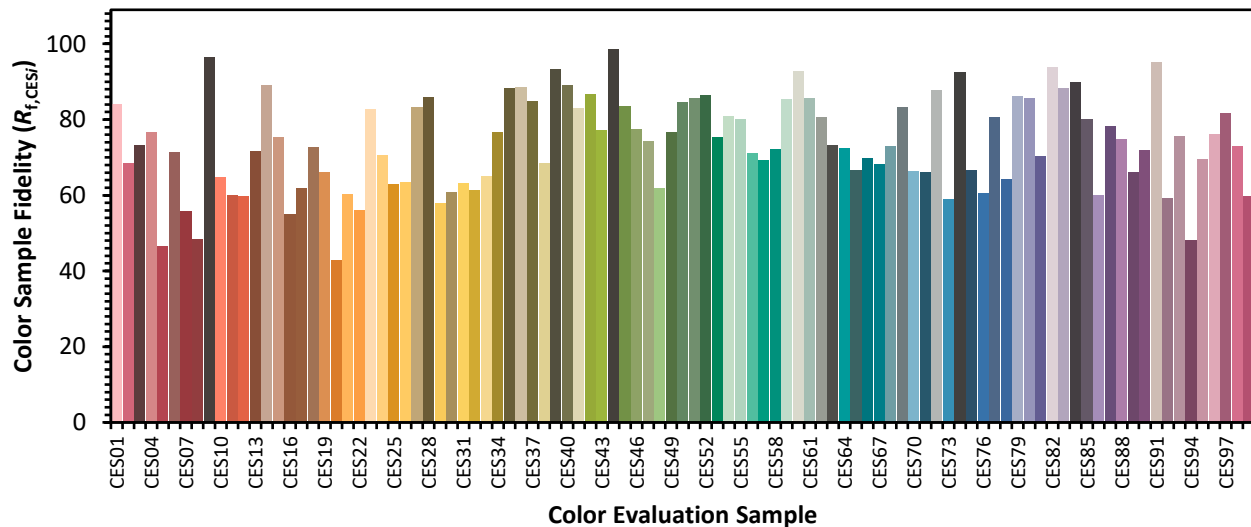


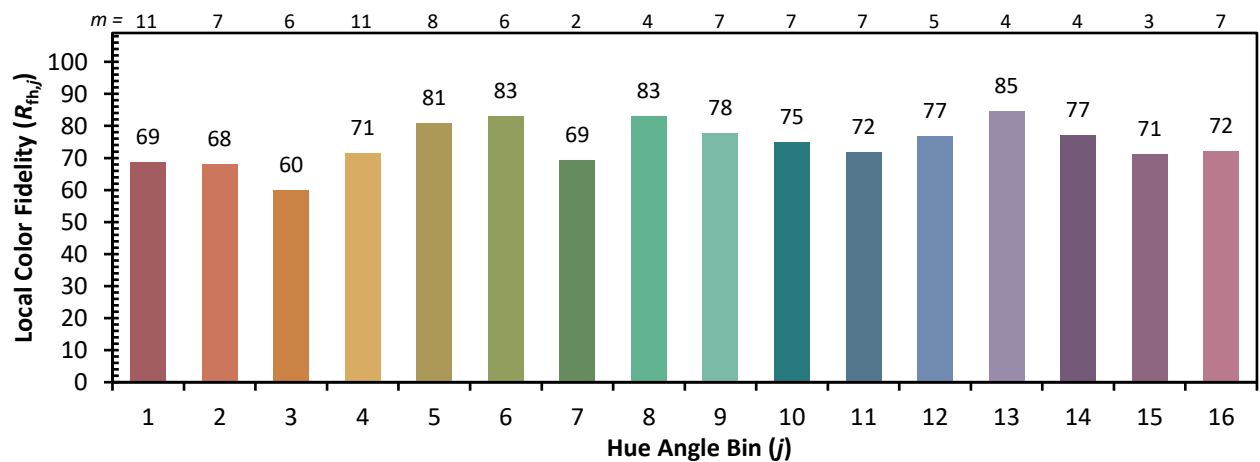
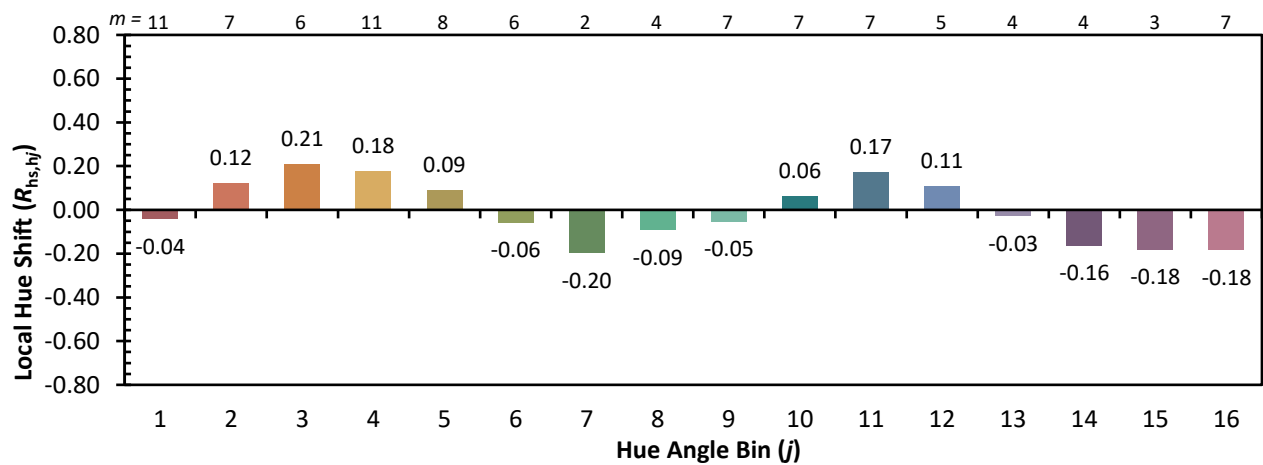
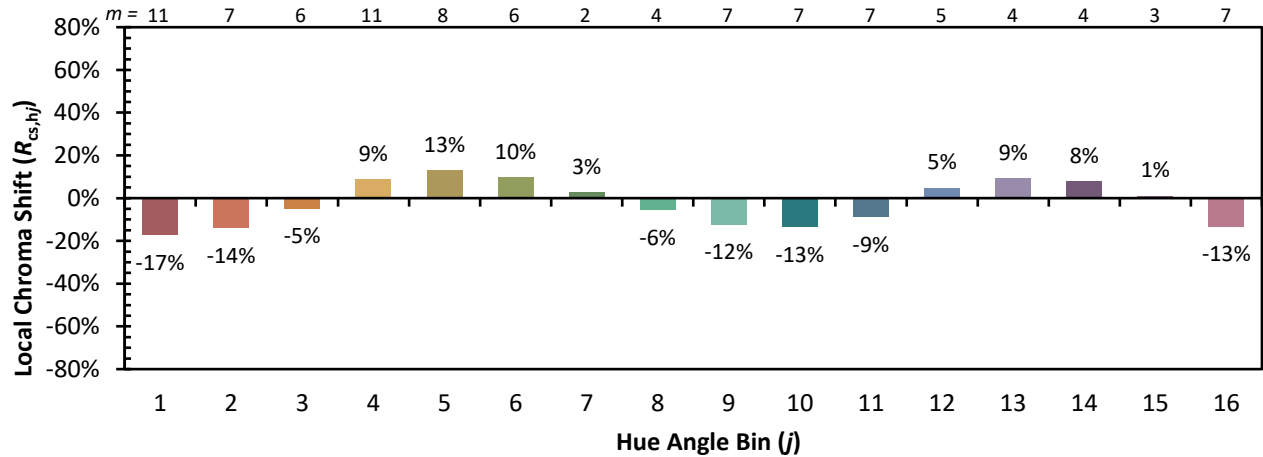
Color Vector Graphics



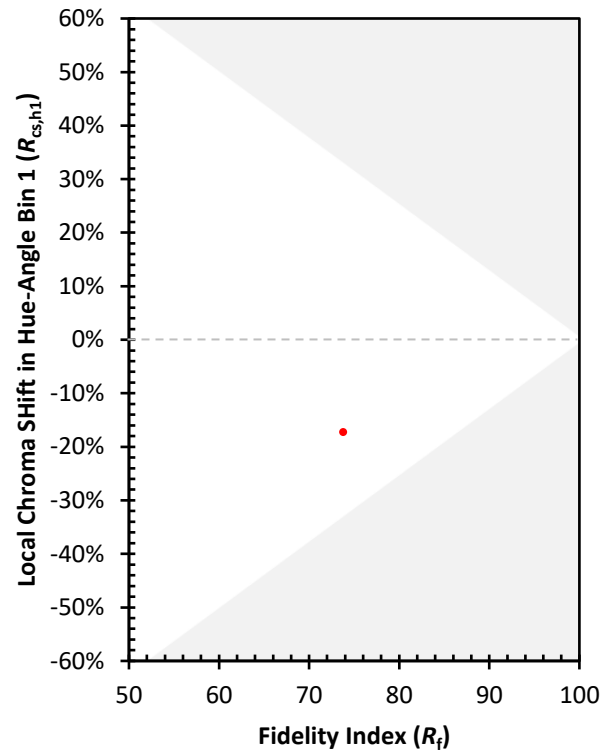
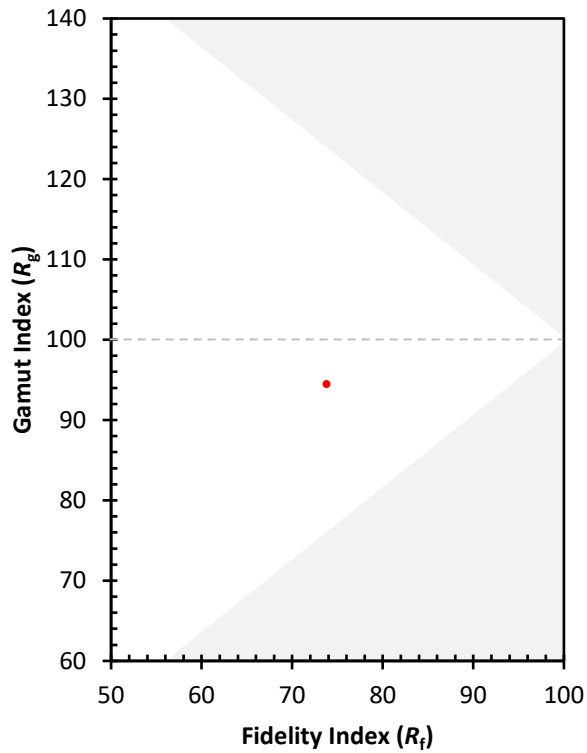
Individual Sample Fidelity Index ($R_{f,i}$)

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	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)