

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: P1057448

Luminaire Tested: **GAP-SA1A-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057448
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1A-730-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3387.9 lumens
Efficiency: N/A
Efficacy: 115.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

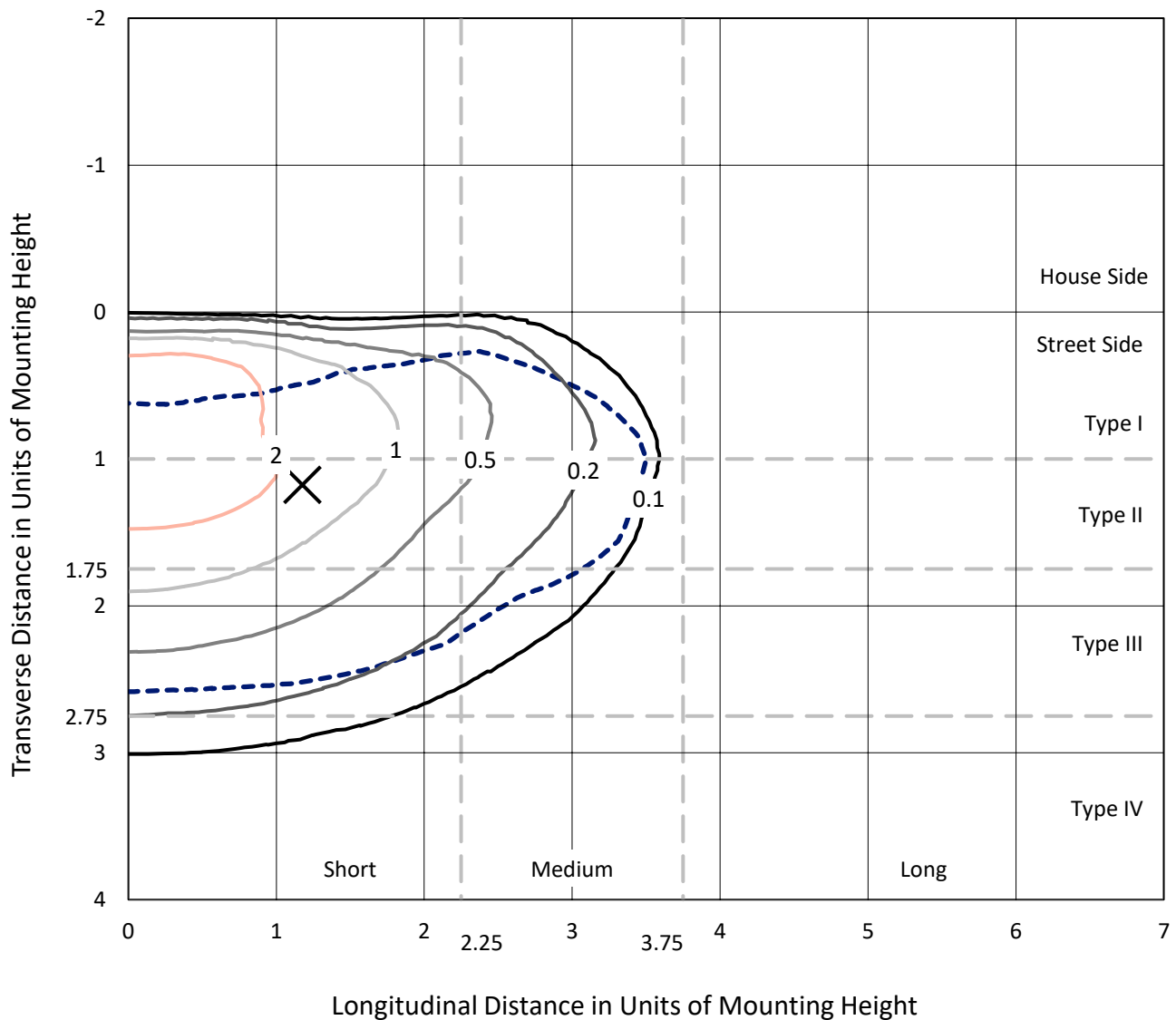


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

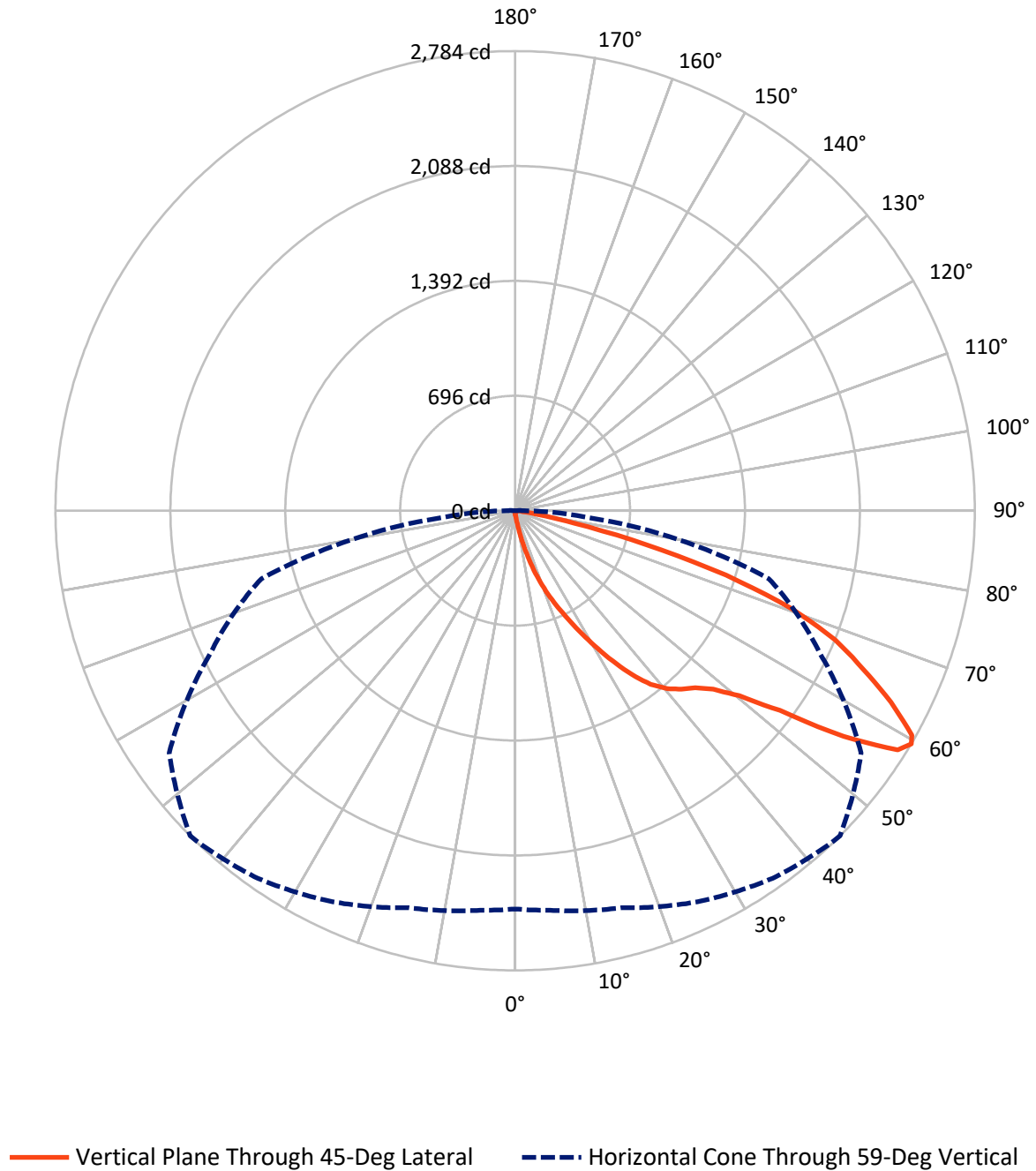


Based on 15 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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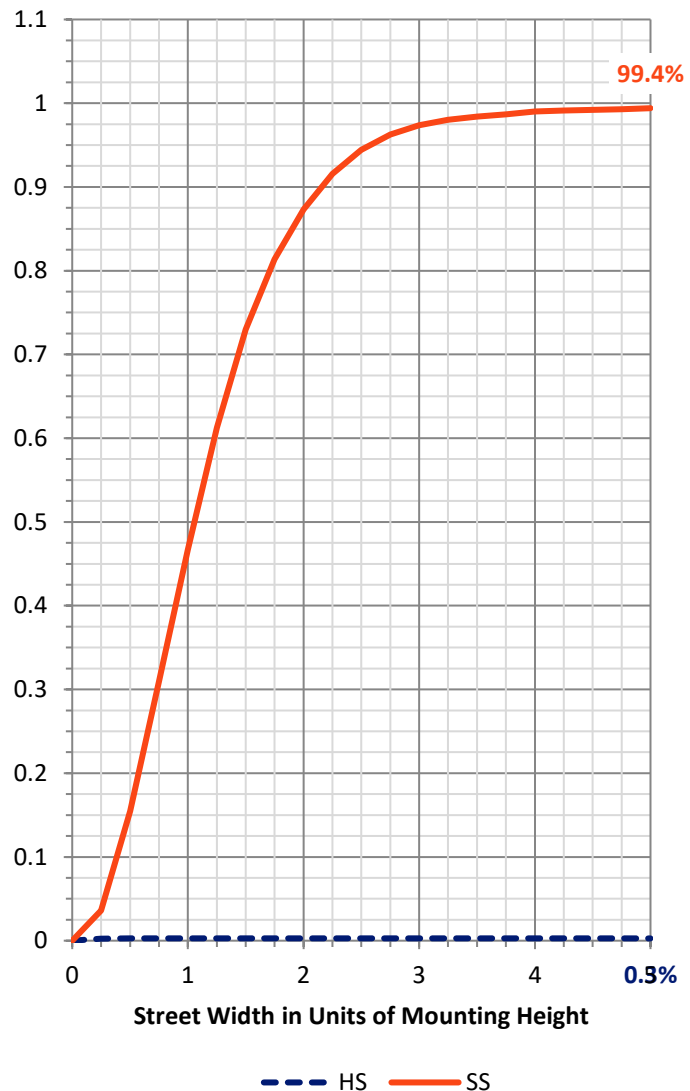
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	9.2	0.0	9.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	3378.8	0.0	3378.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	3387.9	0.0	3387.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	39.2	1.2
20°-30°	138.7	4.1
30°-40°	319.6	9.4
40°-50°	539.2	15.9
50°-60°	889.0	26.2
60°-70°	1009.9	29.8
70°-80°	415.2	12.3
80°-90°	33.8	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°	3387.9	100.0
0°-180°	3387.9	100.0



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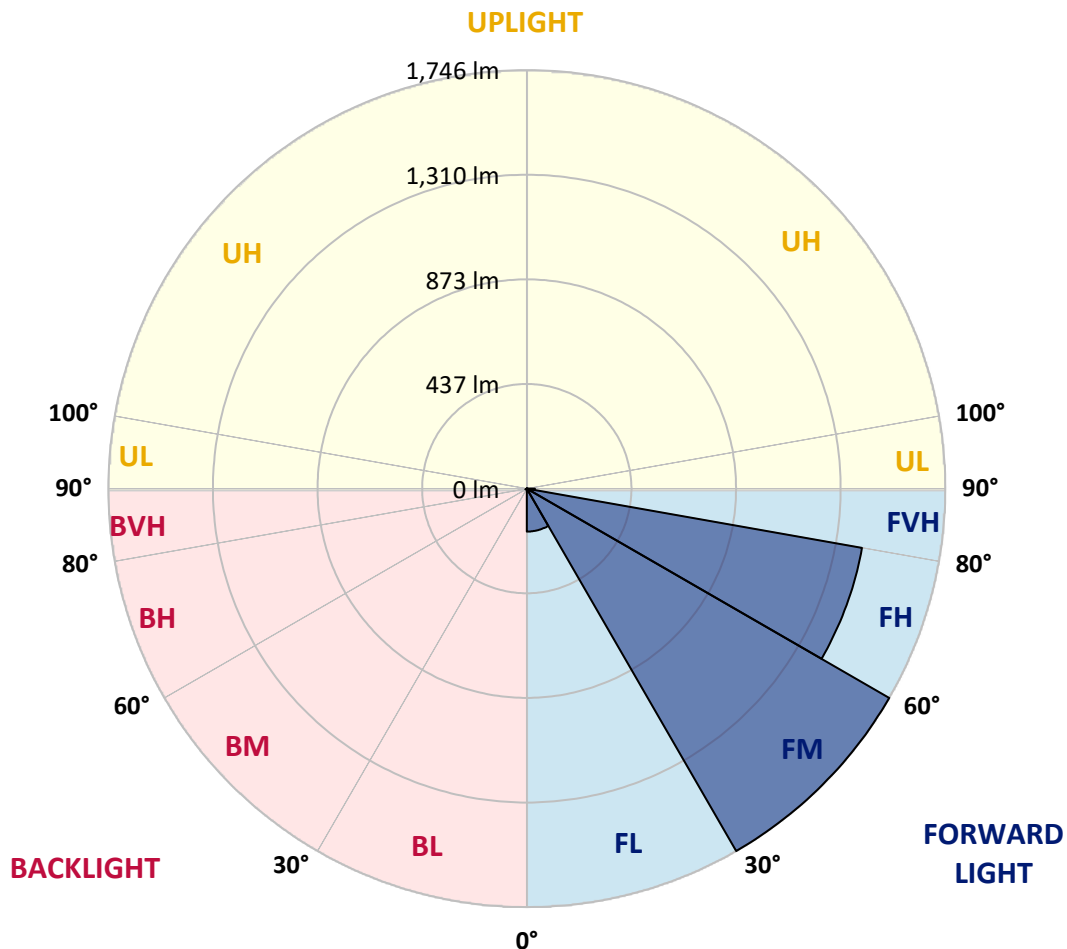
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	179.3	5.3			
FM	(30°-60°)	1746.1	51.5			
FH	(60°-80°)	1419.9	41.9			G1/1800
FVH	(80°-90°)	33.6	1.0			G1/100
BL	(0°-30°)	1.9	0.1	B0/110		
BM	(30°-60°)	1.7	0.1	B0/220		
BH	(60°-80°)	5.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.3	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-G1

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
2.5°	25.3	25.6	25.3	25.0	23.9	22.8	22.8	22.0	21.2	20.3	19.5
5°	44.5	43.4	42.3	39.9	35.2	31.1	30.5	26.9	23.9	21.7	19.8
7.5°	113.0	110.0	99.5	87.1	66.2	50.9	50.3	38.2	28.9	23.6	20.1
10°	235.9	227.6	211.7	185.3	143.2	104.7	96.5	58.8	37.9	26.1	20.3
12.5°	358.5	358.7	343.6	307.6	256.2	194.3	183.6	106.4	54.2	30.5	20.6
15°	466.2	463.5	450.3	424.7	369.2	297.7	288.1	182.8	81.9	36.6	21.2
17.5°	548.7	544.8	536.9	519.5	478.9	408.5	398.3	275.7	127.0	44.5	21.4
20°	645.4	642.7	632.5	608.6	571.5	515.4	500.8	377.4	193.5	57.7	22.0
22.5°	765.3	757.3	744.9	714.4	668.5	608.3	603.4	480.8	275.2	78.3	23.1
25°	903.8	892.6	878.0	839.5	782.9	709.8	703.7	582.2	363.1	109.4	24.7
27.5°	1071.8	1061.3	1035.2	985.5	917.6	830.2	823.3	685.8	460.7	151.7	26.9
30°	1253.8	1240.3	1197.1	1132.5	1067.9	964.6	948.1	792.0	558.3	204.5	30.0
32.5°	1423.4	1406.1	1352.7	1276.3	1208.7	1099.6	1085.0	911.8	660.8	267.5	34.6
35°	1573.7	1553.4	1479.5	1396.2	1328.3	1232.1	1218.9	1028.4	760.3	338.9	40.4
37.5°	1693.3	1679.8	1577.6	1483.6	1428.3	1343.1	1334.3	1153.4	871.1	421.4	48.4
40°	1816.7	1798.9	1678.7	1560.3	1497.6	1426.7	1416.2	1254.0	977.5	510.5	58.3
42.5°	1921.2	1904.4	1791.5	1665.8	1568.0	1483.6	1477.0	1338.4	1080.6	603.1	71.2
45°	2031.7	2016.6	1915.4	1817.0	1670.2	1540.2	1528.9	1408.3	1181.2	711.4	88.2
47.5°	2183.4	2163.4	2066.9	1991.3	1823.3	1627.3	1614.7	1476.7	1283.2	824.7	111.9
50°	2373.4	2358.8	2289.0	2228.8	2050.7	1786.2	1759.3	1565.5	1379.9	954.4	142.7
52.5°	2557.8	2552.9	2557.8	2536.4	2400.9	2061.9	2009.4	1714.8	1503.1	1089.9	182.8
55°	2580.9	2596.1	2655.7	2724.4	2701.9	2457.0	2412.7	1942.1	1655.4	1260.9	244.1
57.5°	2497.4	2505.9	2582.0	2703.3	2776.1	2738.7	2733.2	2318.4	1870.3	1464.1	336.2
59°	2411.9	2428.6	2489.4	2613.1	2717.6	2779.1	2783.5	2557.3	2033.9	1590.5	412.1
60°	2364.3	2369.5	2416.6	2538.3	2650.5	2747.8	2760.4	2679.6	2162.8	1685.9	480.0
62.5°	2214.2	2217.0	2242.3	2338.2	2437.4	2527.1	2553.7	2754.1	2520.7	1925.0	719.9
65°	2018.0	2021.5	2059.7	2151.8	2246.4	2306.6	2317.9	2545.2	2709.3	2174.1	1055.0
67.5°	1664.2	1684.2	1732.9	1878.0	2011.1	2083.1	2091.4	2176.8	2606.2	2342.6	1232.3
70°	1126.8	1107.8	1228.5	1430.5	1671.1	1779.4	1779.9	1817.3	2218.6	2301.1	1027.5
72.5°	492.1	522.3	610.3	788.1	1079.5	1340.6	1335.1	1462.1	1769.5	1955.0	763.9
75°	216.1	222.9	260.0	354.3	491.0	728.2	812.0	1173.8	1331.8	1278.5	555.6
77.5°	116.3	117.9	127.8	148.2	187.7	343.9	363.1	743.6	944.2	737.0	359.0
80°	44.3	44.3	46.2	53.1	78.3	134.4	144.3	335.9	651.5	376.6	181.4
82.5°	27.8	27.2	27.5	27.8	31.9	45.9	48.9	133.6	307.6	185.8	47.8
85°	14.0	14.6	16.2	19.5	23.1	28.3	29.1	41.8	93.5	43.4	12.4
87.5°	9.1	9.3	10.2	13.2	16.2	20.6	21.2	29.1	37.1	30.5	2.5
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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CATALOG NUMBER: GAP-SA1A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
2.5°	19.2	18.7	17.9	17.0	16.2	14.8	13.7	13.2	12.9	12.6	12.6
5°	19.0	18.1	16.5	15.1	13.7	12.1	10.7	9.9	9.6	9.3	9.3
7.5°	18.7	17.3	15.4	13.5	11.5	9.6	8.0	7.1	6.9	6.6	6.3
10°	18.4	16.8	14.0	11.8	9.6	7.4	5.8	4.7	4.4	4.1	4.1
12.5°	18.1	15.9	12.9	10.4	7.7	5.2	3.8	2.7	2.2	1.9	1.9
15°	17.9	15.1	12.1	8.8	5.8	3.3	1.6	0.8	0.3	0.3	0.3
17.5°	17.0	14.3	10.7	6.9	3.8	1.6	0.5	0.0	0.0	0.0	0.0
20°	16.5	13.5	9.3	5.2	2.2	0.8	0.0	0.0	0.0	0.0	0.0
22.5°	16.2	12.9	8.0	3.6	1.6	0.0	0.0	0.0	0.0	0.0	0.0
25°	16.2	12.4	6.6	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	16.5	11.8	5.2	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	15.9	11.3	3.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	15.9	10.2	2.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	16.2	8.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	17.0	7.7	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	18.4	7.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	20.3	6.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	22.5	6.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	25.8	7.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	29.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	34.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	38.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	45.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	51.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	58.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	94.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	185.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	317.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	337.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	221.3	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	112.7	4.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	50.6	4.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	20.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	8.2	1.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.3	1.6	1.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	1.6	1.4	1.1	0.5	0.0	0.0	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

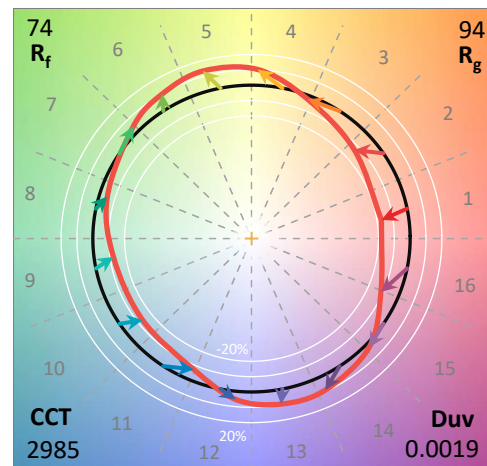
Test Information

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
 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
 R_f: 73.8
 R_g: 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

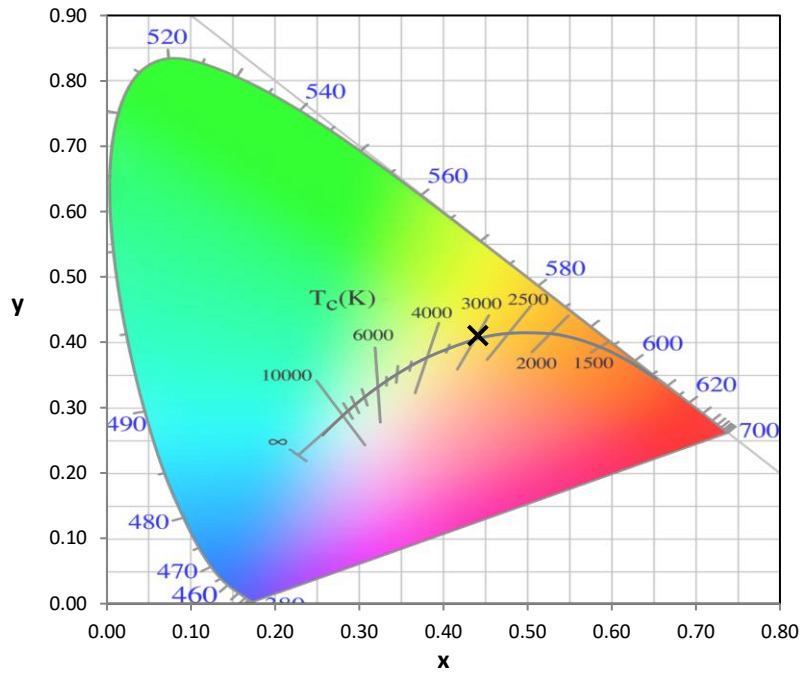
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

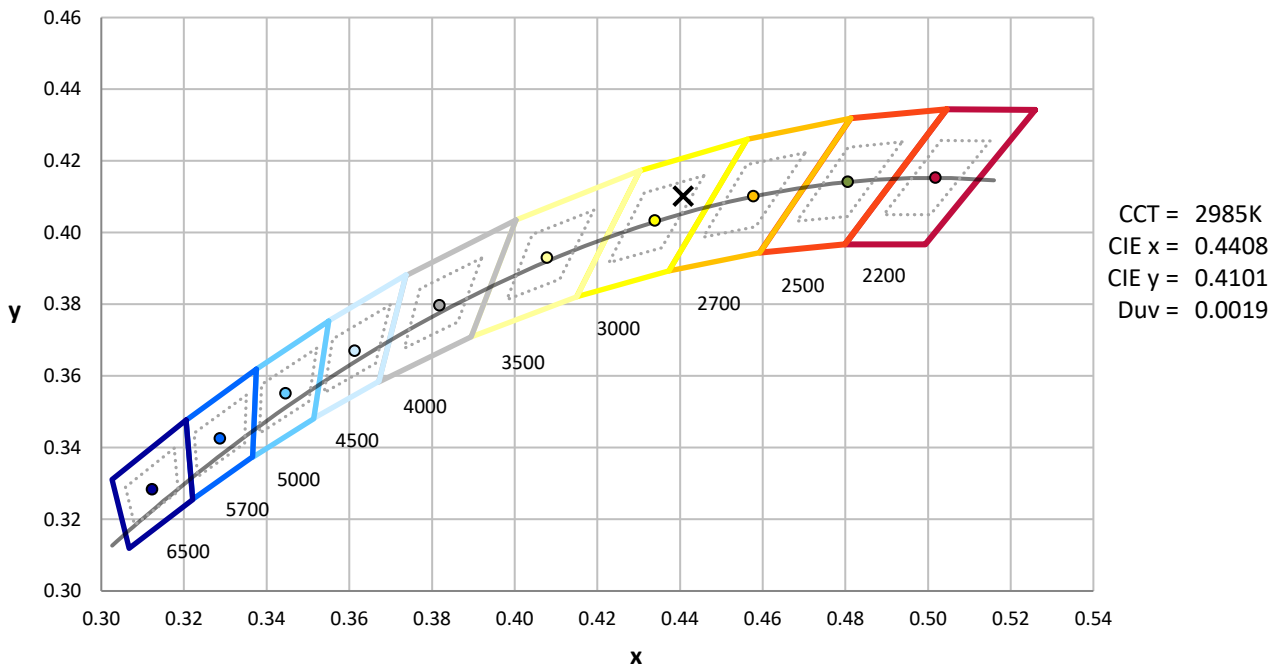
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



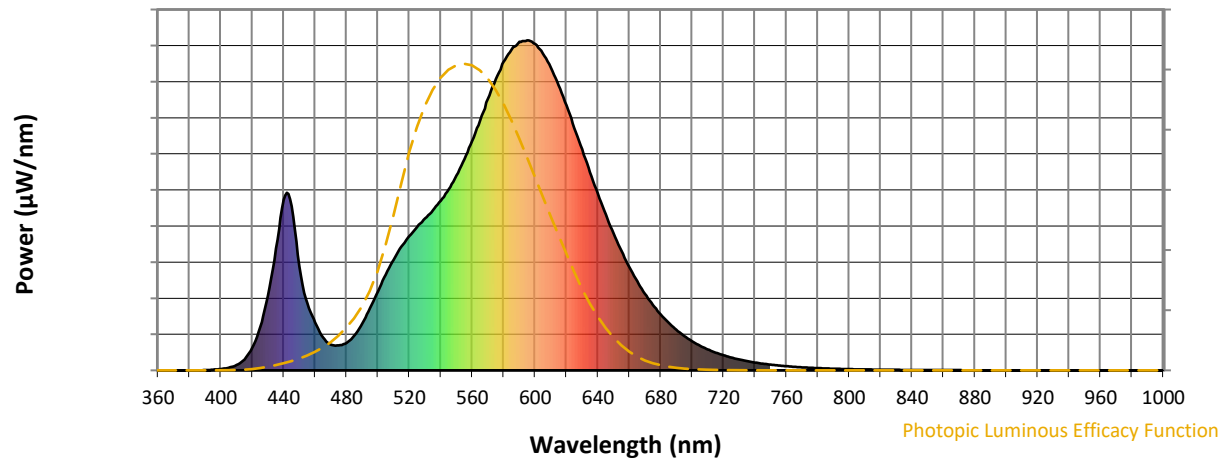
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

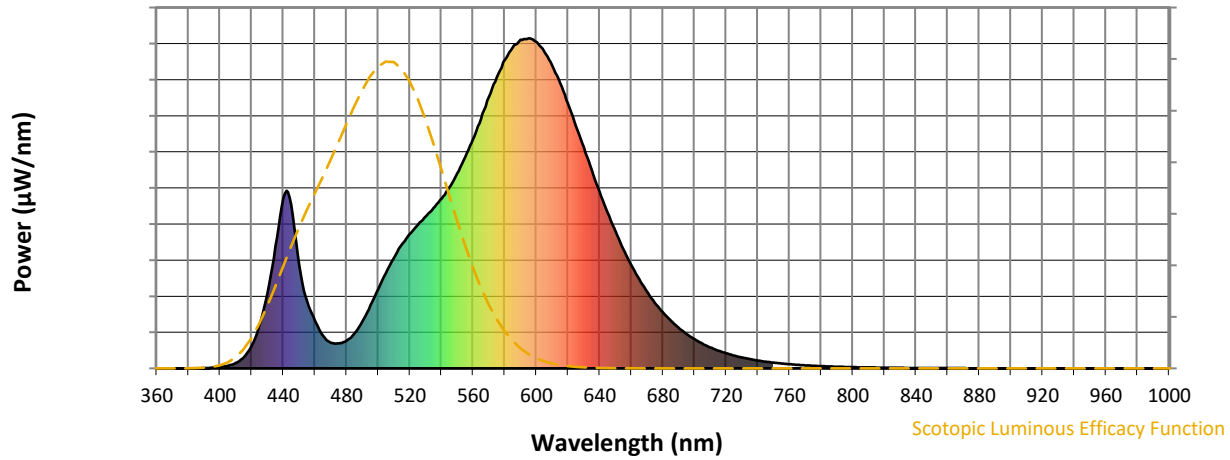


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



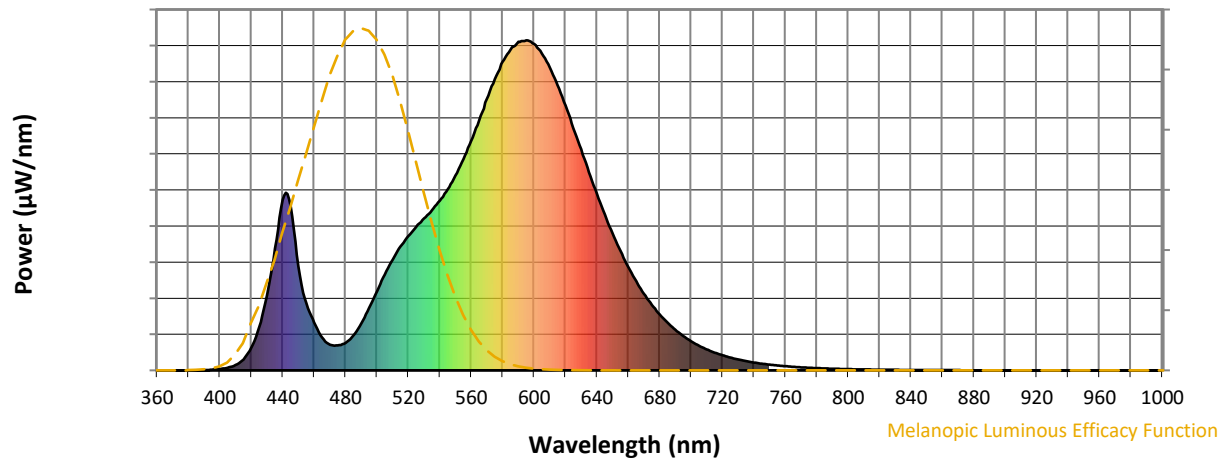
Scotopic Lumens: NR

S/P: 1.19

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

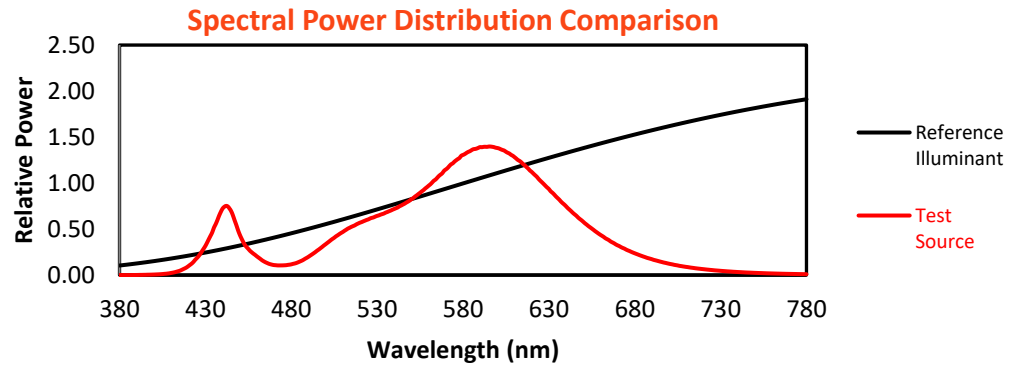
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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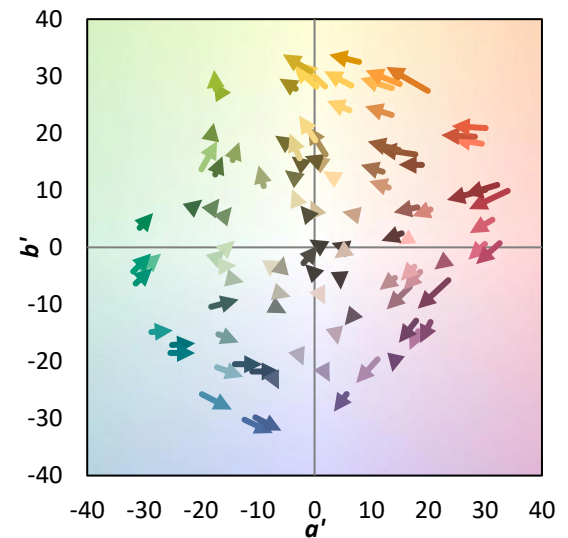
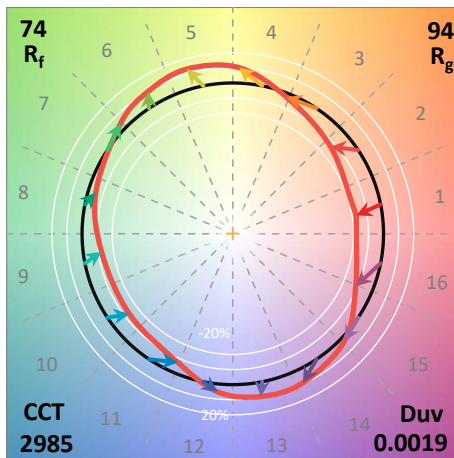
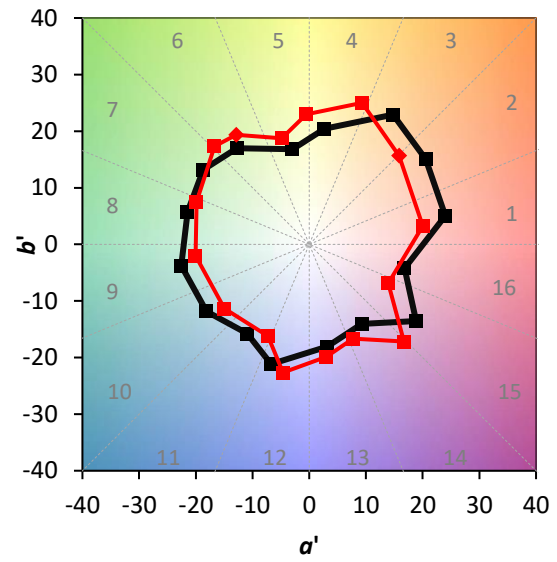
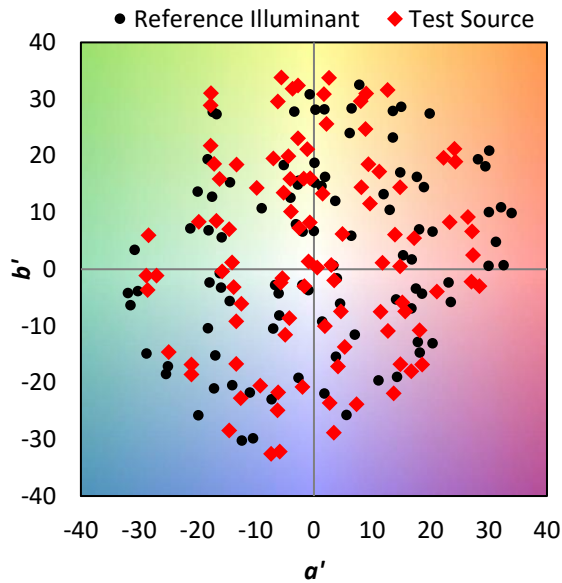
TM-30-18

Summary

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

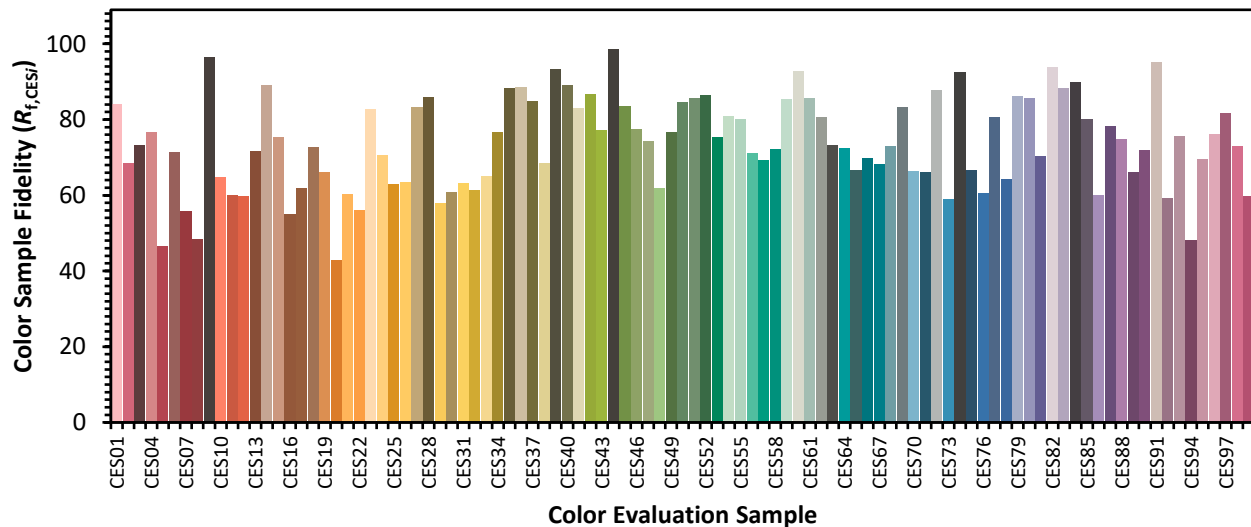


Color Vector Graphics

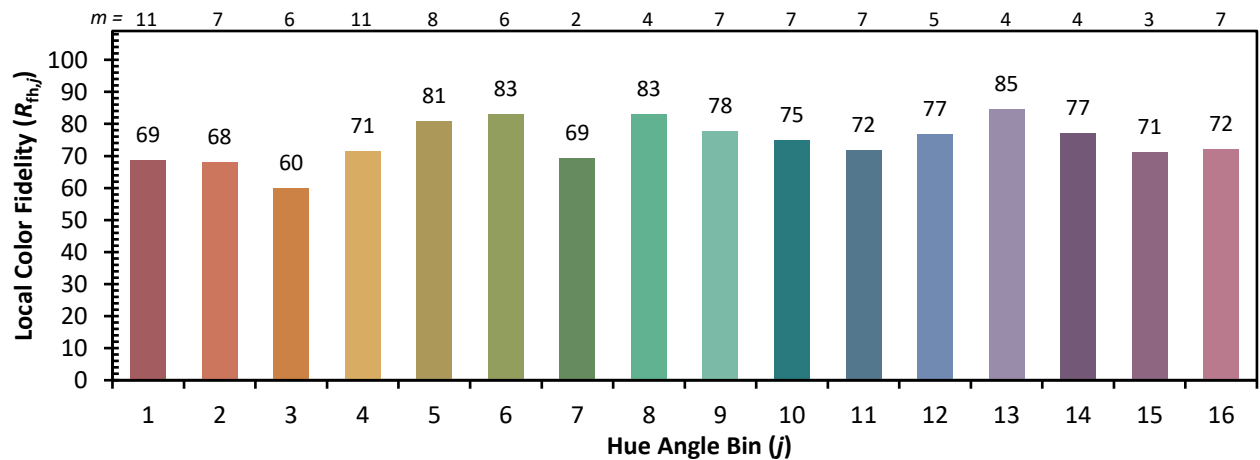
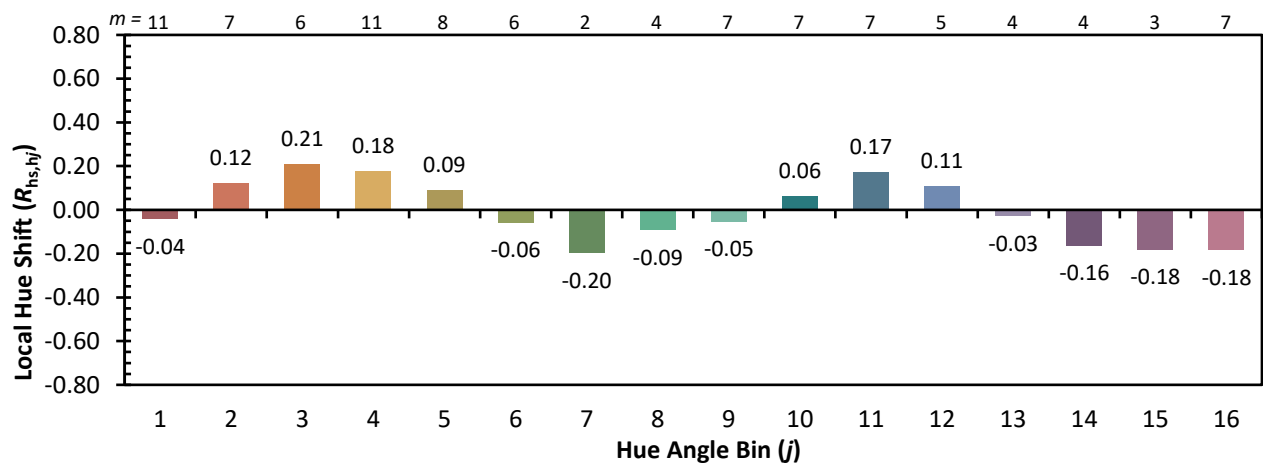
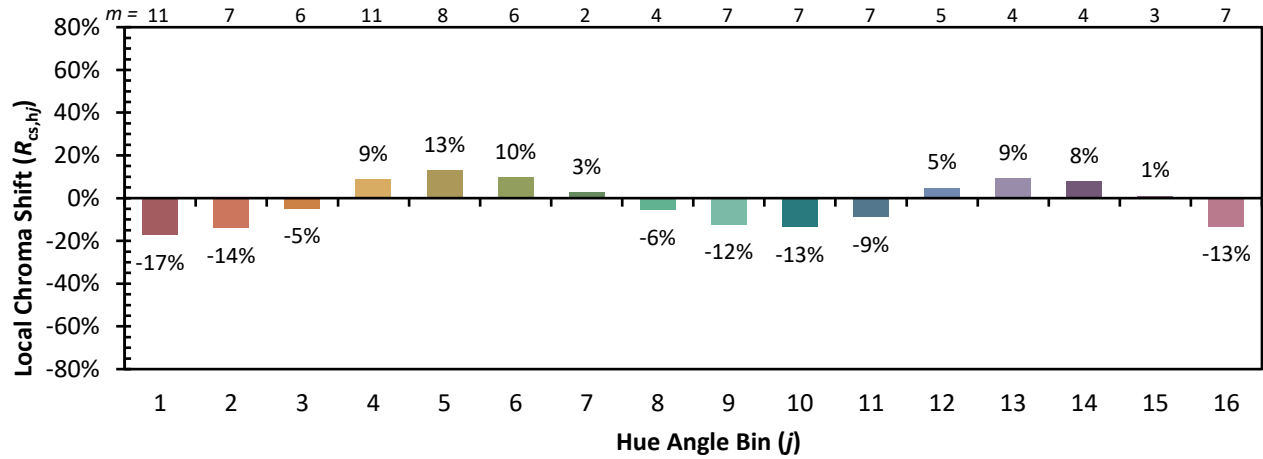


Individual Sample Fidelity Index ($R_{f,i}$)

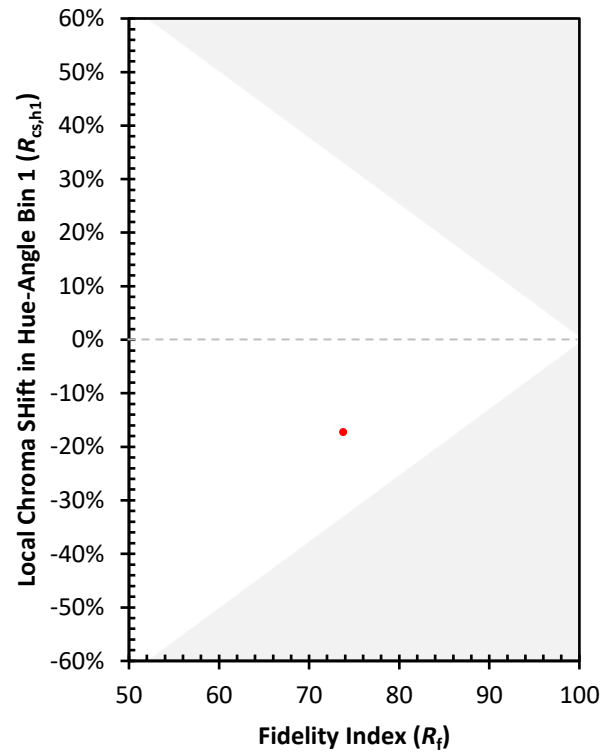
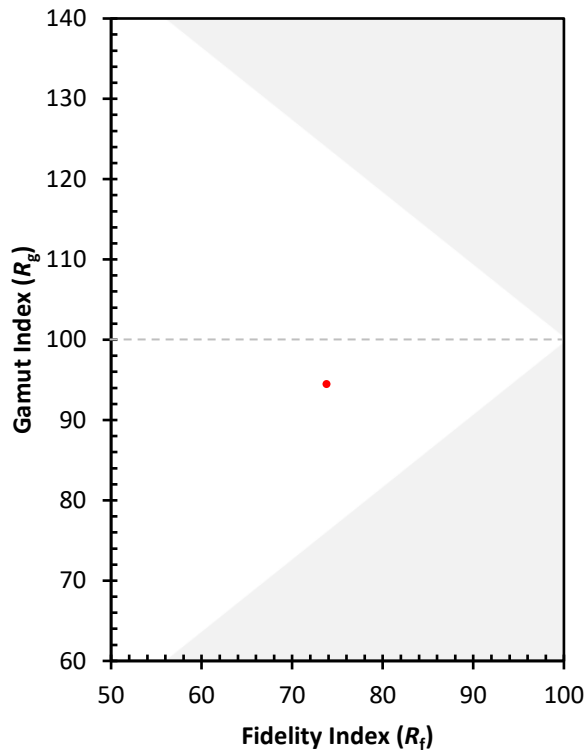
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)