

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: P1064017

Luminaire Tested: **GLAN-SA1A-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064017
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3638.7 lumens
Efficiency: N/A
Efficacy: 125.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 29
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

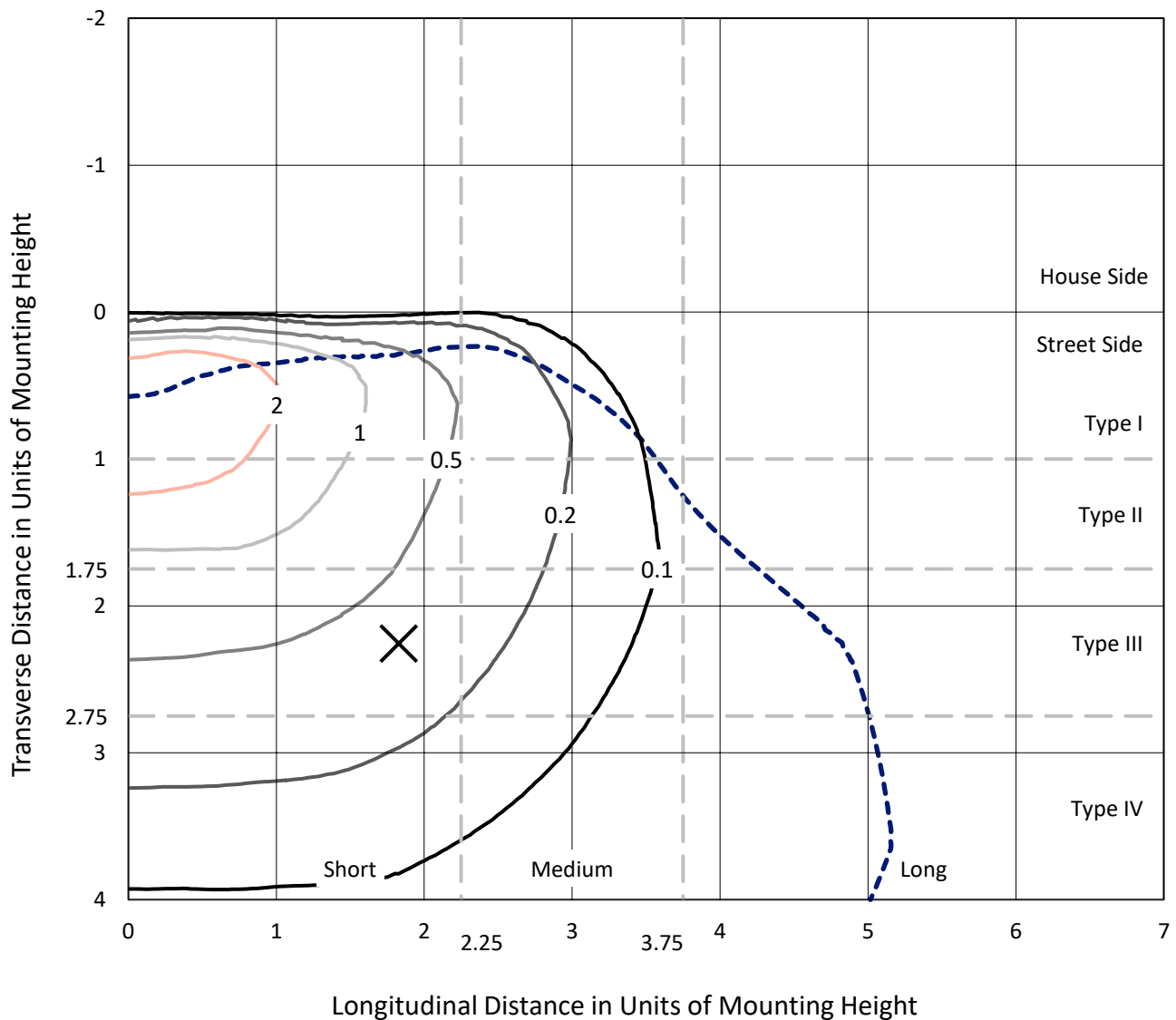


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

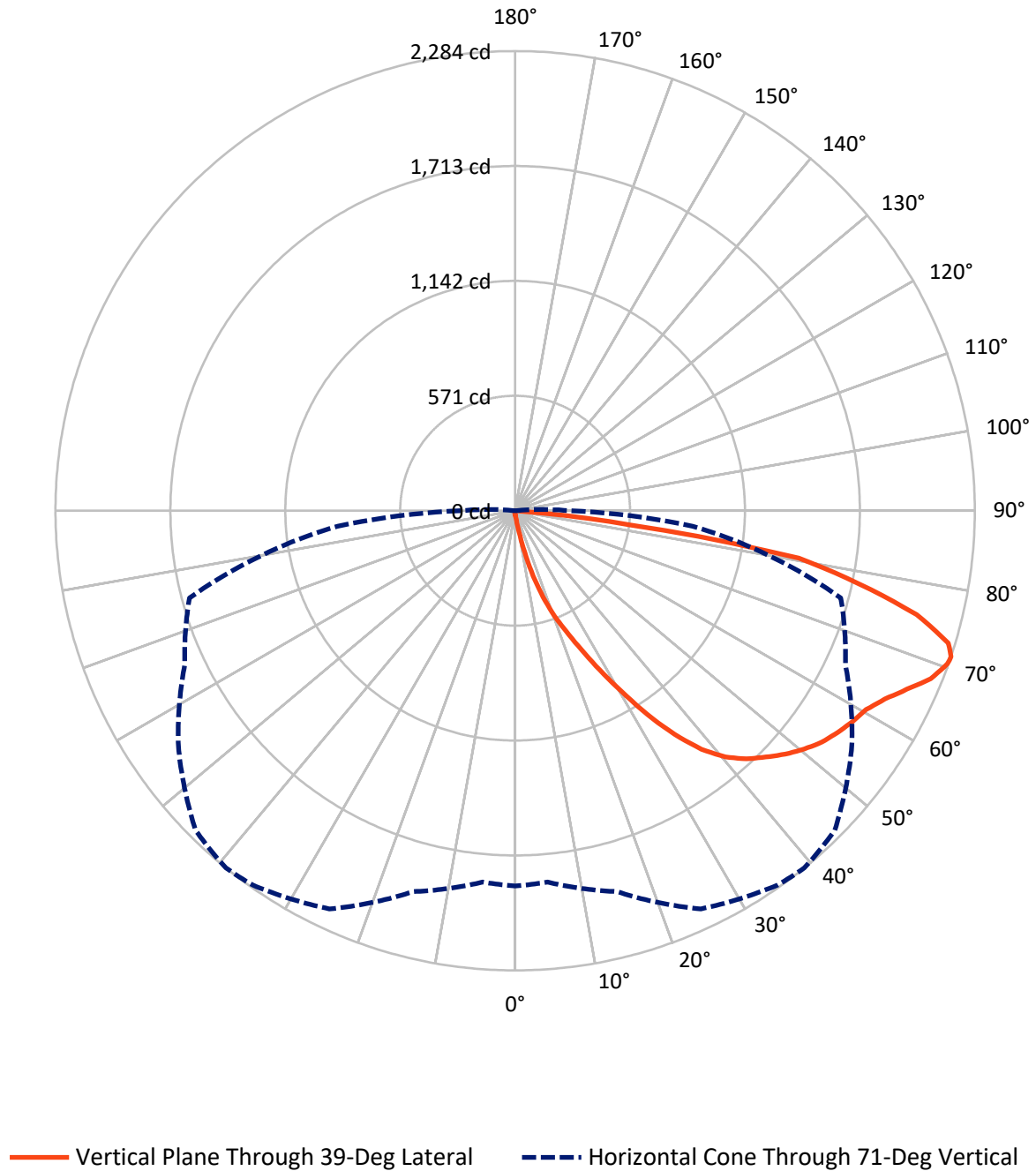


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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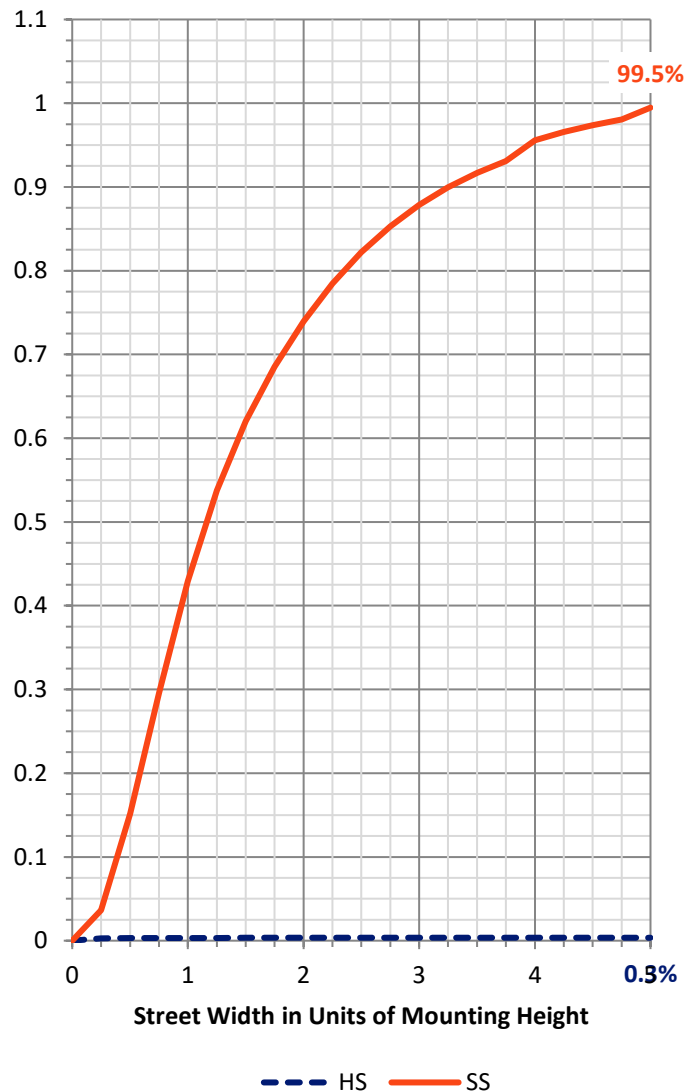
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.9	0.0	12.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3625.8	0.0	3625.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	3638.7	0.0	3638.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.1
10°-20°	38.9	1.1
20°-30°	138.5	3.8
30°-40°	333.8	9.2
40°-50°	558.6	15.4
50°-60°	717.5	19.7
60°-70°	908.0	25.0
70°-80°	809.5	22.2
80°-90°	130.8	3.6
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°	3638.7	100.0
0°-180°	3638.7	100.0



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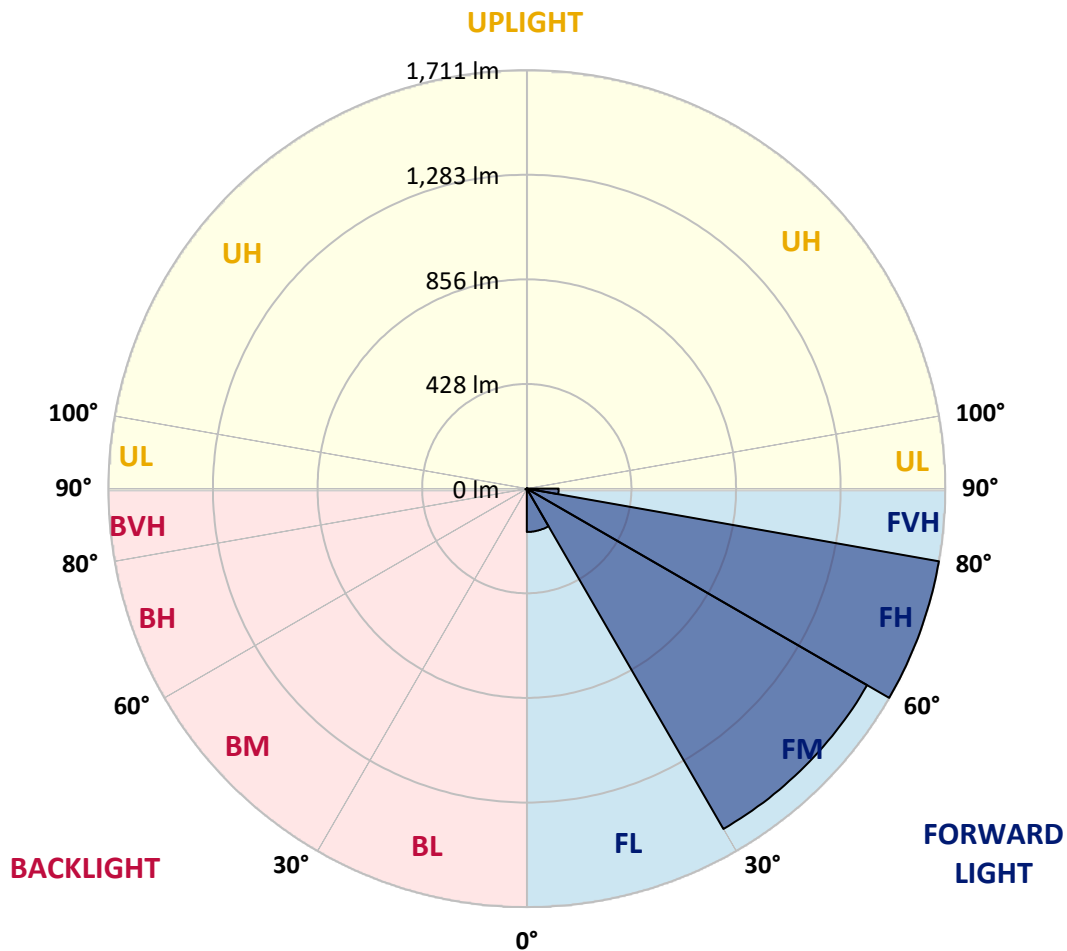
CATALOG NUMBER: GLAN-SA1A-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	177.3	4.9			
FM	(30°-60°)	1606.9	44.2			
FH	(60°-80°)	1711.3	47.0			G1/1800
FVH	(80°-90°)	130.3	3.6			G2/225
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	3.0	0.1	B0/220		
BH	(60°-80°)	6.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	22.9	22.9	22.9	22.2	22.2	21.9	21.7	21.7	21.2	20.9	20.4
5°	34.7	34.0	32.3	31.3	29.3	28.1	26.8	25.1	23.4	22.2	20.7
7.5°	78.6	80.3	74.6	64.0	53.2	48.5	40.6	32.8	27.1	23.4	20.9
10°	200.3	199.3	180.1	158.9	122.7	108.1	84.7	53.5	35.0	25.6	21.2
12.5°	340.7	339.7	317.0	288.2	240.4	210.1	165.8	99.8	50.2	29.1	21.2
15°	458.6	454.7	447.6	419.0	363.1	337.7	279.1	176.4	81.3	35.0	21.7
17.5°	536.7	533.3	526.6	516.3	480.8	450.8	403.7	277.1	131.5	45.3	22.7
20°	608.4	605.9	600.5	598.6	575.7	559.6	520.7	392.9	204.9	61.6	24.1
22.5°	706.9	701.8	704.0	692.2	669.7	650.5	626.6	514.1	294.6	88.7	26.8
25°	827.6	825.2	819.0	810.6	779.6	762.9	726.2	628.4	394.9	124.1	29.8
27.5°	973.5	970.7	969.3	950.1	914.3	896.1	844.9	736.3	507.7	173.9	33.7
30°	1141.4	1142.7	1133.1	1108.4	1066.8	1041.2	988.5	849.3	623.2	232.3	37.9
32.5°	1315.4	1312.9	1298.1	1269.0	1231.8	1208.0	1141.0	973.2	744.4	309.4	42.9
35°	1502.8	1498.1	1459.2	1425.9	1394.2	1364.1	1303.0	1117.1	865.6	395.8	49.5
37.5°	1692.0	1670.1	1592.0	1549.8	1527.9	1503.3	1446.4	1270.5	986.0	492.4	57.6
40°	1834.8	1817.8	1725.2	1647.6	1630.1	1609.2	1566.8	1403.0	1114.1	596.1	67.5
42.5°	1913.9	1904.5	1821.3	1744.7	1703.6	1685.1	1648.9	1518.8	1240.7	710.6	81.8
45°	1947.7	1933.1	1877.5	1841.7	1776.2	1745.7	1702.6	1606.3	1373.0	840.7	101.7
47.5°	1937.3	1928.9	1889.0	1902.1	1854.5	1807.0	1743.7	1673.3	1486.1	990.0	129.1
50°	1872.3	1865.1	1852.8	1923.5	1917.6	1861.4	1796.9	1726.2	1578.4	1143.9	171.4
52.5°	1748.6	1745.7	1777.2	1906.8	1953.3	1909.5	1848.1	1773.0	1664.6	1304.8	232.0
55°	1589.3	1601.3	1691.5	1880.7	1971.5	1944.9	1893.5	1816.9	1733.8	1448.6	321.4
57.5°	1523.7	1526.9	1639.5	1862.2	1979.7	1976.2	1937.6	1858.7	1797.4	1563.6	457.9
60°	1600.3	1595.4	1654.8	1876.2	1995.9	2004.3	1976.7	1897.7	1852.6	1662.4	639.7
62.5°	1738.8	1736.1	1755.0	1936.1	2043.5	2060.5	2031.2	1925.7	1901.3	1727.4	847.1
65°	1862.4	1856.8	1892.0	2042.2	2127.0	2139.0	2113.4	1973.8	1922.8	1774.7	1041.9
67.5°	1915.9	1914.6	1971.3	2143.2	2214.7	2227.7	2205.3	2040.0	1917.8	1789.8	1127.9
70°	1891.5	1886.8	1977.5	2186.1	2264.2	2279.0	2257.3	2064.7	1864.4	1742.2	1000.6
71°	1864.6	1852.1	1959.0	2183.1	2271.1	2283.6	2245.7	2042.2	1810.7	1674.7	885.0
72.5°	1781.4	1783.6	1908.2	2152.3	2254.6	2250.9	2180.2	1961.9	1745.9	1521.5	710.9
75°	1576.4	1589.5	1743.9	2023.0	2107.3	2060.2	1952.1	1808.5	1615.9	1091.0	493.6
77.5°	1288.3	1307.7	1477.4	1774.2	1750.4	1745.7	1741.2	1593.4	1379.9	586.0	343.4
80°	615.1	657.2	891.2	1266.6	1375.9	1428.9	1395.7	1284.1	1067.1	279.1	205.2
82.5°	40.2	39.7	56.2	106.4	448.5	579.8	921.2	917.8	743.9	136.0	83.7
85°	19.0	19.5	21.4	24.4	28.3	31.0	42.9	251.2	355.9	64.8	18.2
87.5°	11.1	11.3	13.3	17.0	22.2	24.6	29.3	37.7	46.3	35.7	3.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064017

CATALOG NUMBER: GLAN-SA1A-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
2.5°	20.2	20.0	19.2	18.5	17.7	17.2	17.0	17.2	17.2	17.5	17.5
5°	20.2	19.5	18.2	16.7	15.8	14.8	14.3	14.0	14.3	14.3	14.3
7.5°	20.0	18.7	17.0	15.3	14.0	12.8	12.3	12.1	12.1	12.3	12.3
10°	19.5	18.2	16.0	14.0	12.6	11.1	10.3	9.6	9.6	9.6	9.9
12.5°	19.2	17.5	14.8	12.8	10.8	9.1	7.6	6.9	7.1	7.1	7.1
15°	18.7	16.7	14.0	11.6	9.1	6.9	5.7	4.9	5.2	5.4	5.2
17.5°	18.7	16.5	13.1	10.1	7.1	5.2	4.2	3.7	3.7	3.9	3.9
20°	18.7	16.0	12.3	8.6	5.4	3.9	3.0	2.7	2.7	3.2	3.4
22.5°	19.2	16.0	11.3	7.1	4.4	3.0	2.2	2.0	2.2	2.7	3.0
25°	20.0	15.8	10.3	6.4	3.7	2.2	1.7	1.2	1.5	2.0	2.2
27.5°	20.7	15.5	9.4	5.7	3.0	1.7	1.2	1.0	0.7	1.0	1.0
30°	21.4	15.5	8.4	4.7	2.5	1.2	0.7	0.5	0.2	0.0	0.0
32.5°	21.9	15.0	7.6	3.7	2.0	1.0	0.5	0.2	0.0	0.0	0.0
35°	22.4	14.5	6.7	3.0	1.5	0.7	0.2	0.0	0.0	0.0	0.0
37.5°	22.9	13.8	5.7	2.5	1.2	0.5	0.0	0.0	0.0	0.0	0.0
40°	23.4	12.8	4.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	23.9	12.1	3.9	1.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	25.1	11.6	3.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	27.3	11.1	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	30.5	10.6	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	35.0	10.3	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	42.9	10.1	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	56.4	9.9	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.5	9.4	2.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	154.4	9.1	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	269.2	9.4	2.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	386.0	9.9	1.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	330.3	8.6	1.7	1.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0
71°	269.2	7.6	1.7	1.0	0.5	0.2	0.2	0.0	0.0	0.0	0.0
72.5°	173.2	5.9	1.5	1.0	0.5	0.5	0.2	0.0	0.0	0.0	0.0
75°	73.2	4.9	1.5	1.0	0.7	0.5	0.5	0.2	0.0	0.0	0.0
77.5°	31.3	3.7	1.5	1.2	1.0	0.7	0.7	0.5	0.2	0.0	0.0
80°	11.8	3.0	1.7	1.5	1.2	1.2	1.0	0.5	0.2	0.0	0.0
82.5°	5.4	2.5	1.7	1.5	1.5	1.2	1.0	0.7	0.5	0.0	0.0
85°	3.4	2.2	1.7	1.5	1.5	1.2	1.2	0.7	0.5	0.0	0.0
87.5°	2.7	2.2	1.7	1.7	1.5	1.5	1.0	0.7	0.2	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

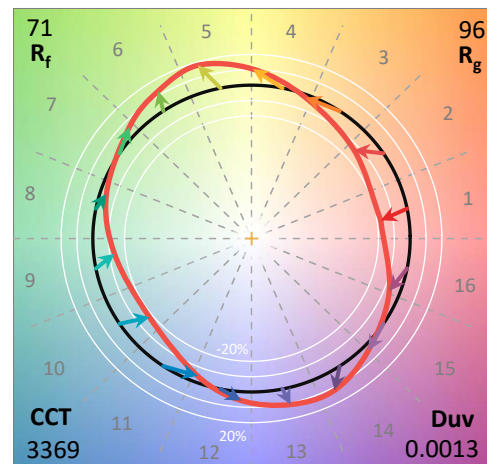
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

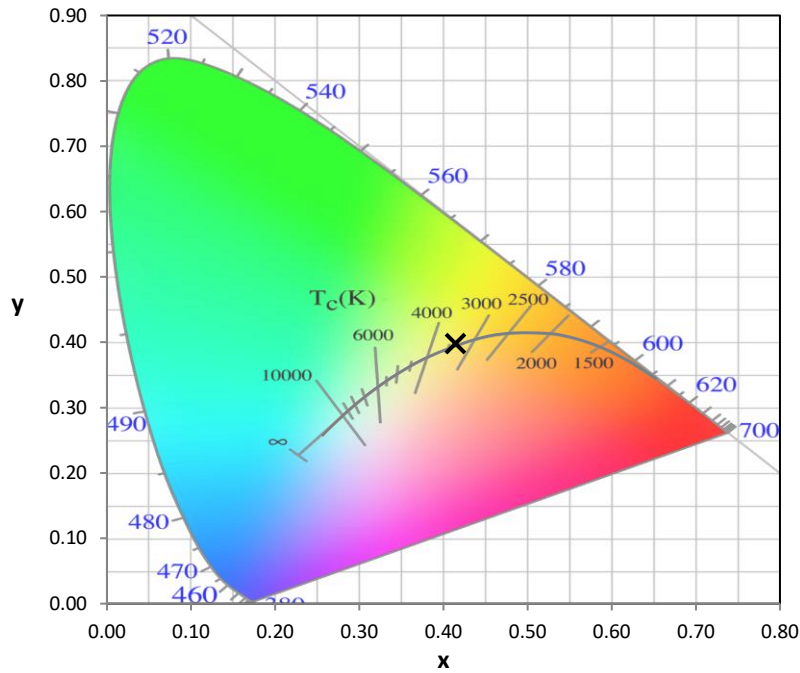
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

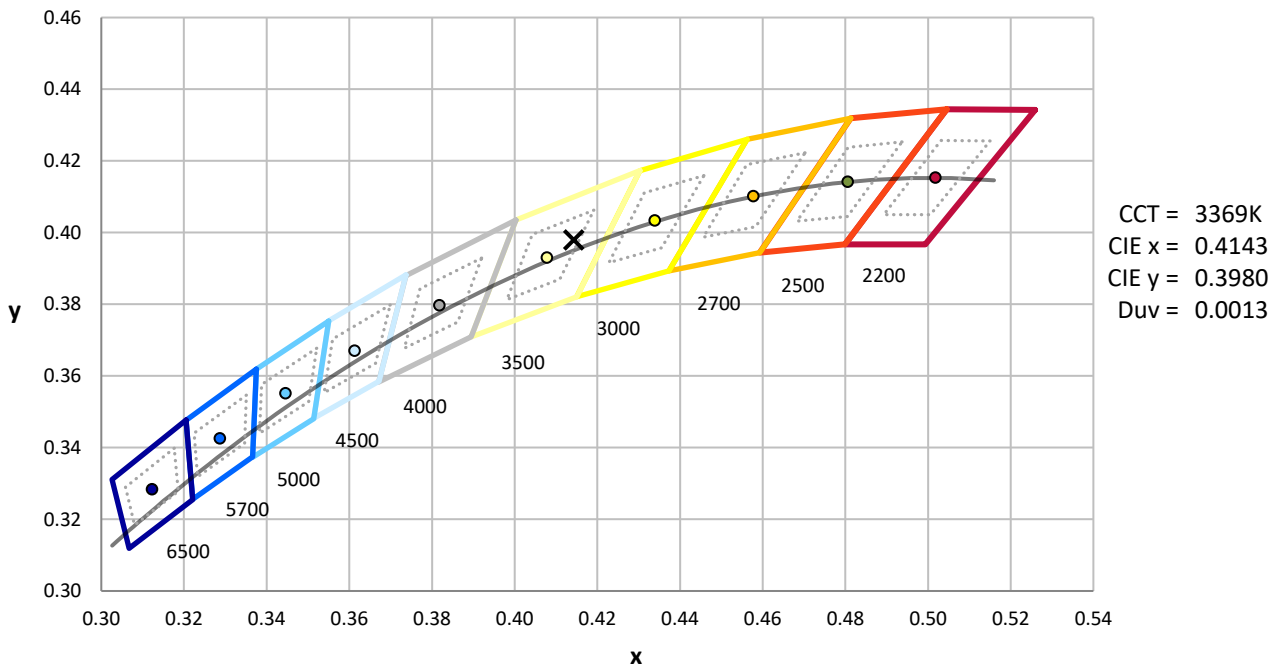
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



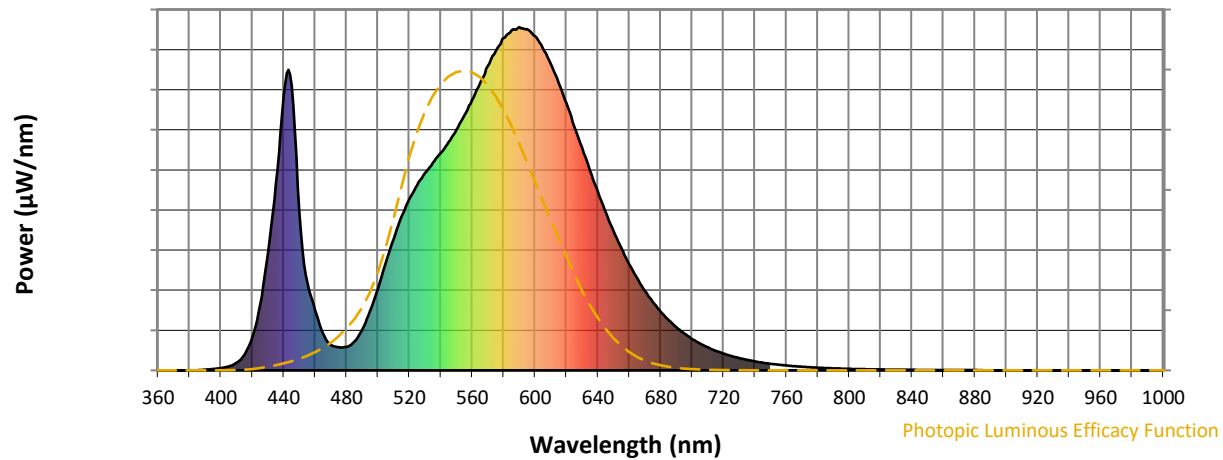
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

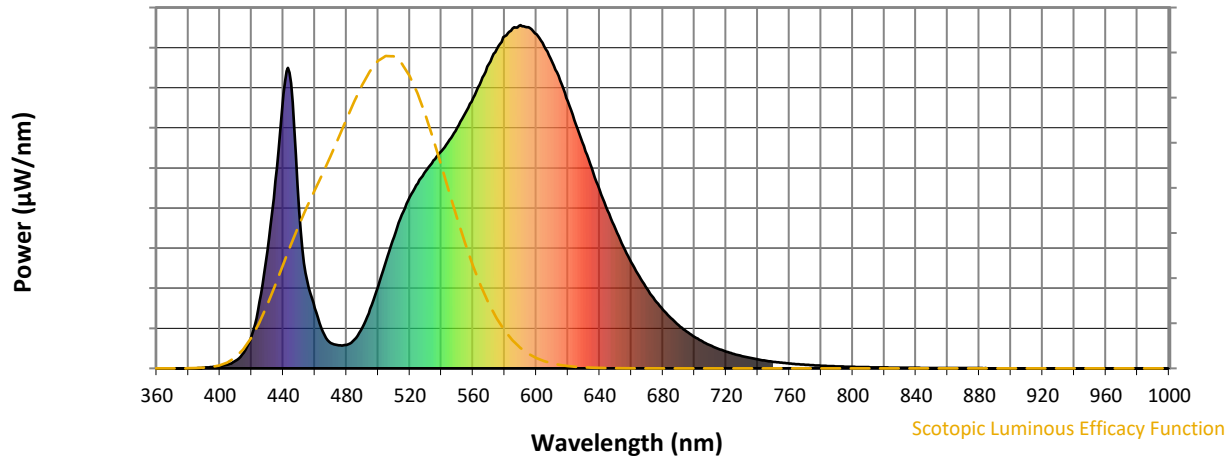


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

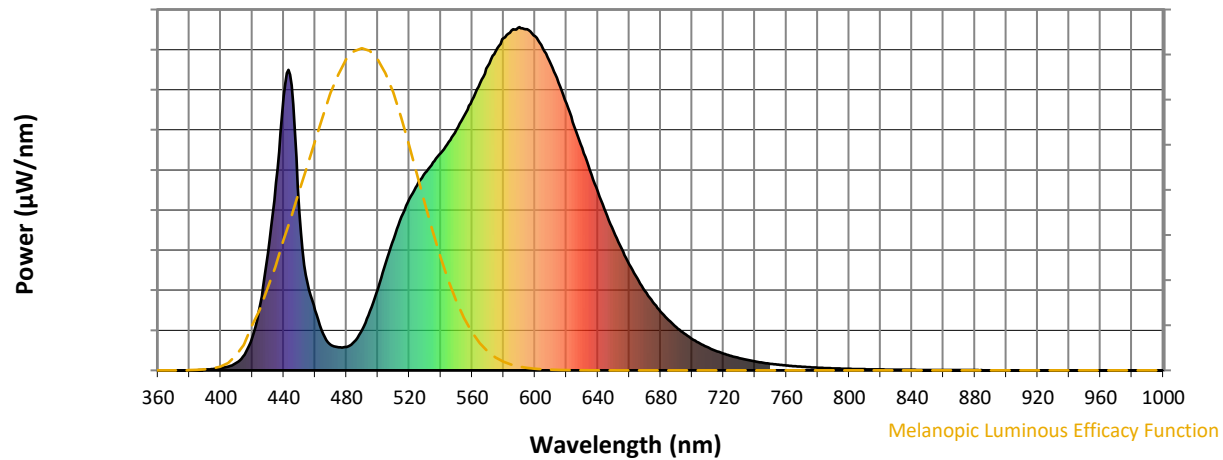


Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.36

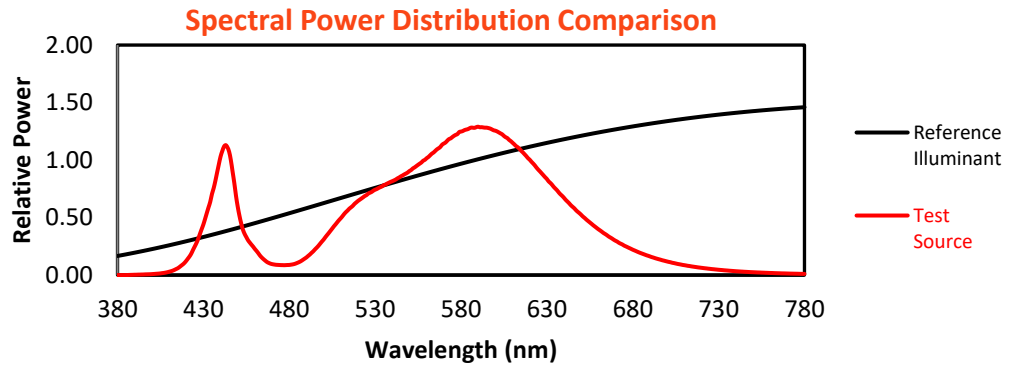
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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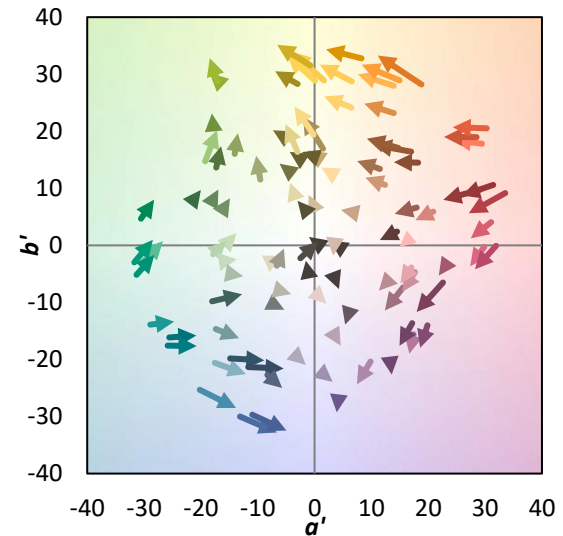
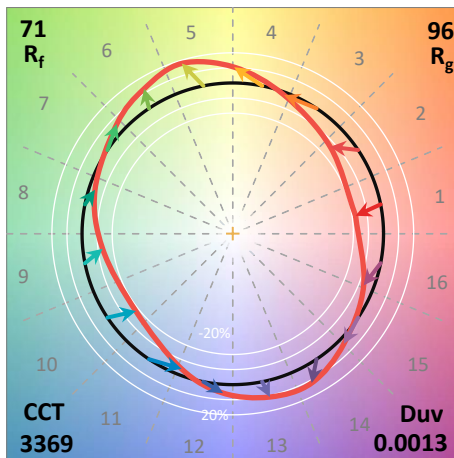
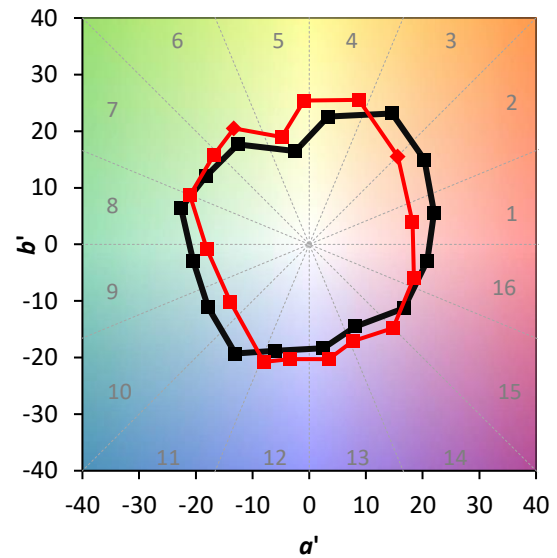
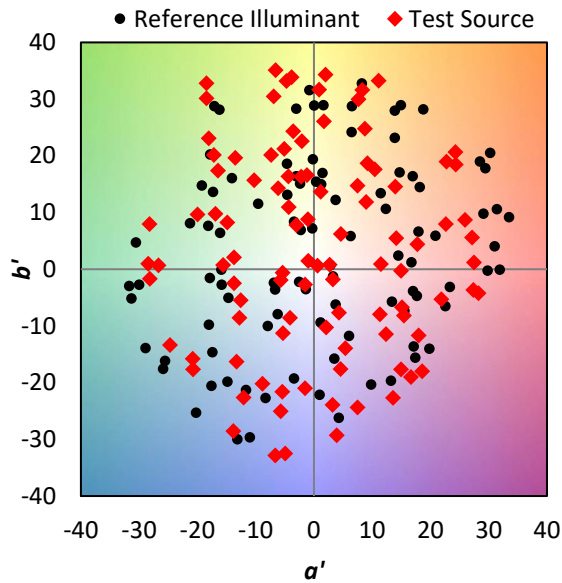
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

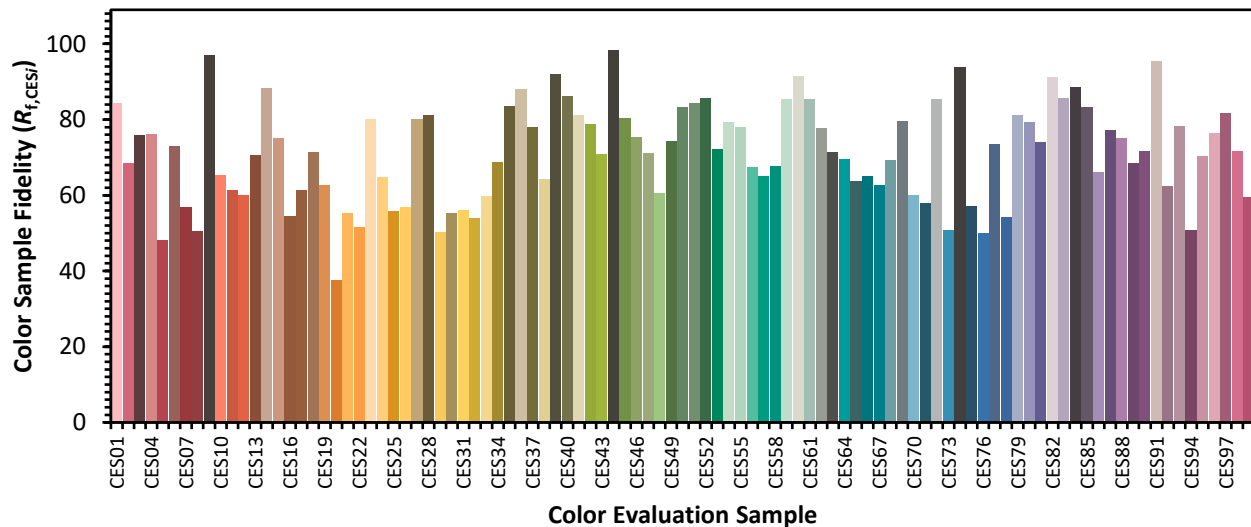


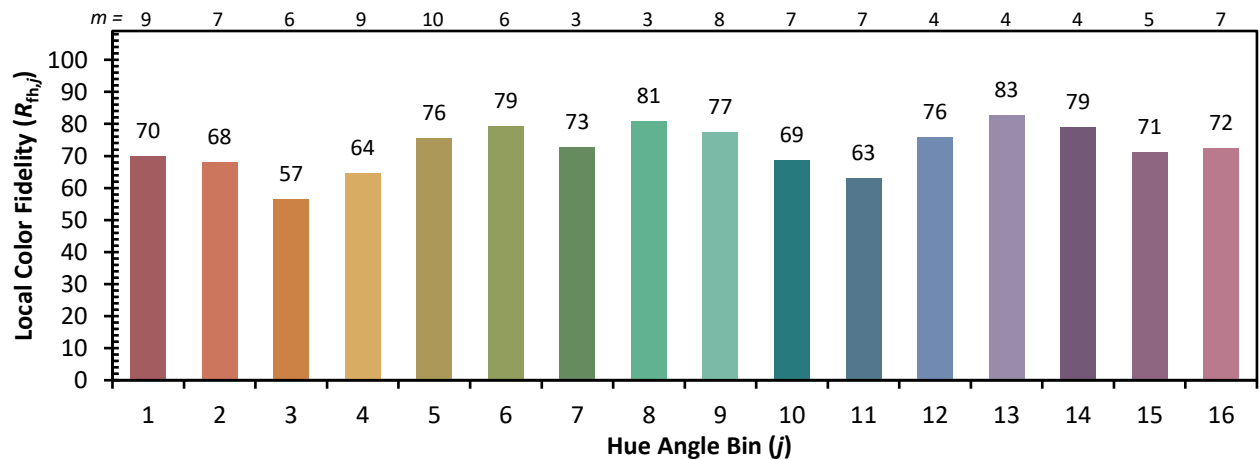
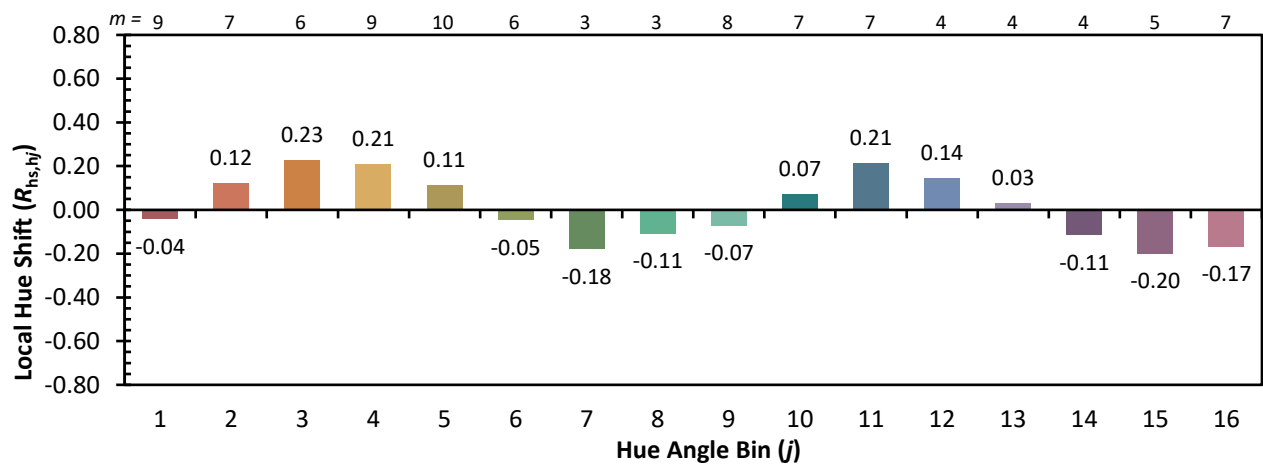
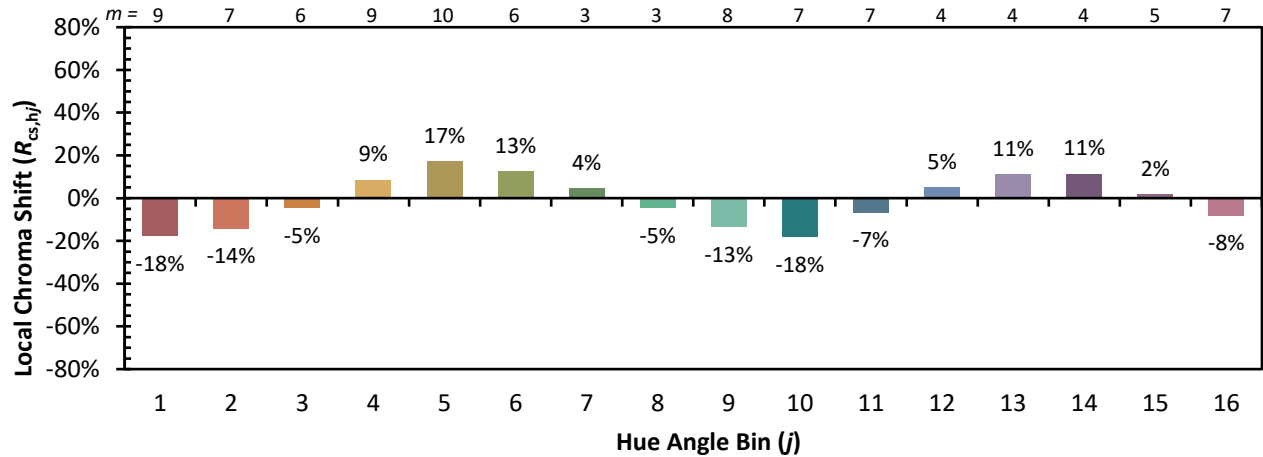
Color Vector Graphics



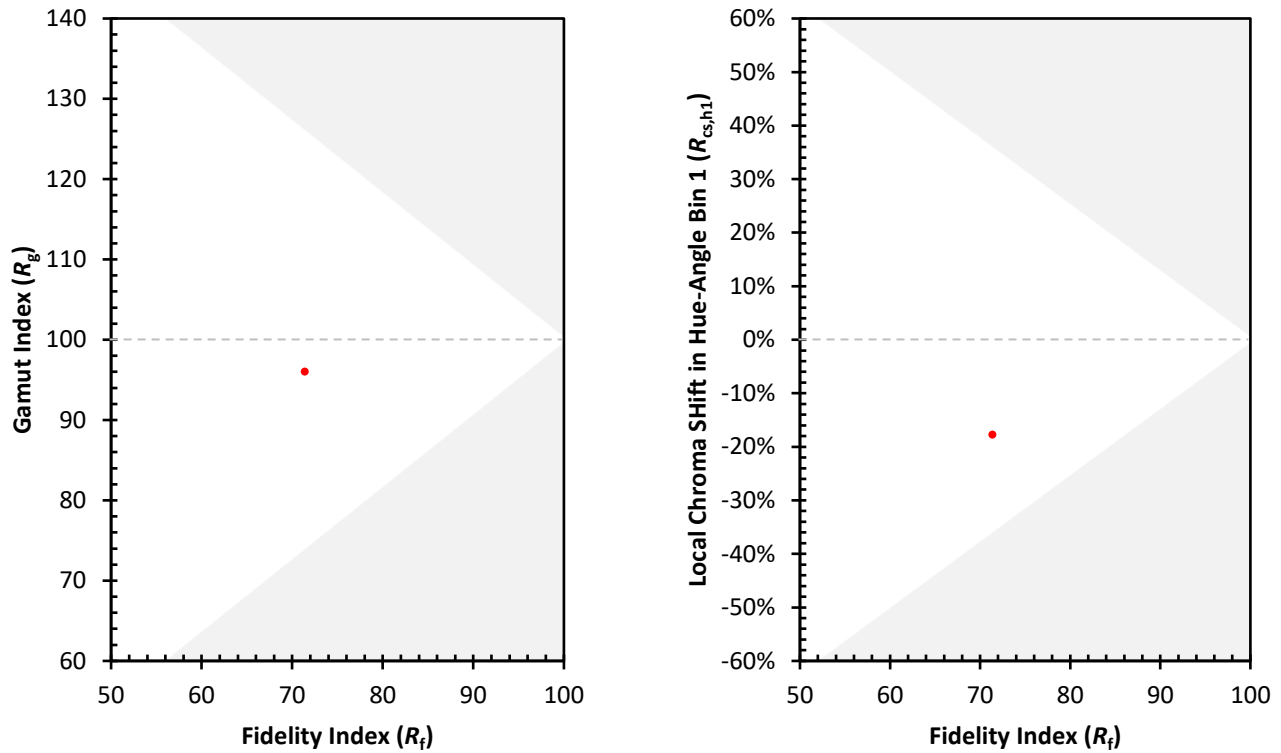
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)