

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: P1057608

Luminaire Tested: **GAP-SA1A-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057608
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1A-740-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3574.2 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type IV - 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

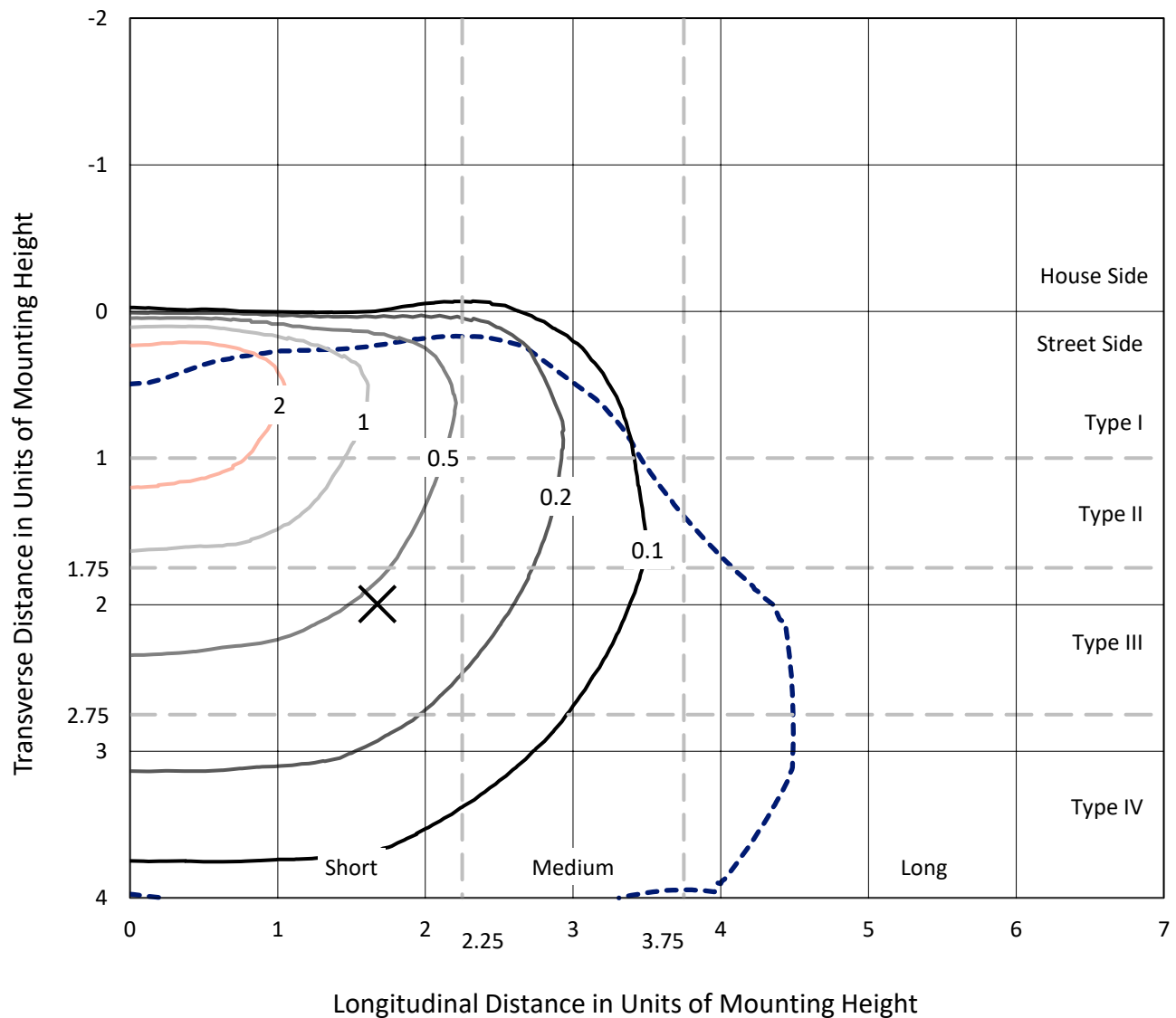


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

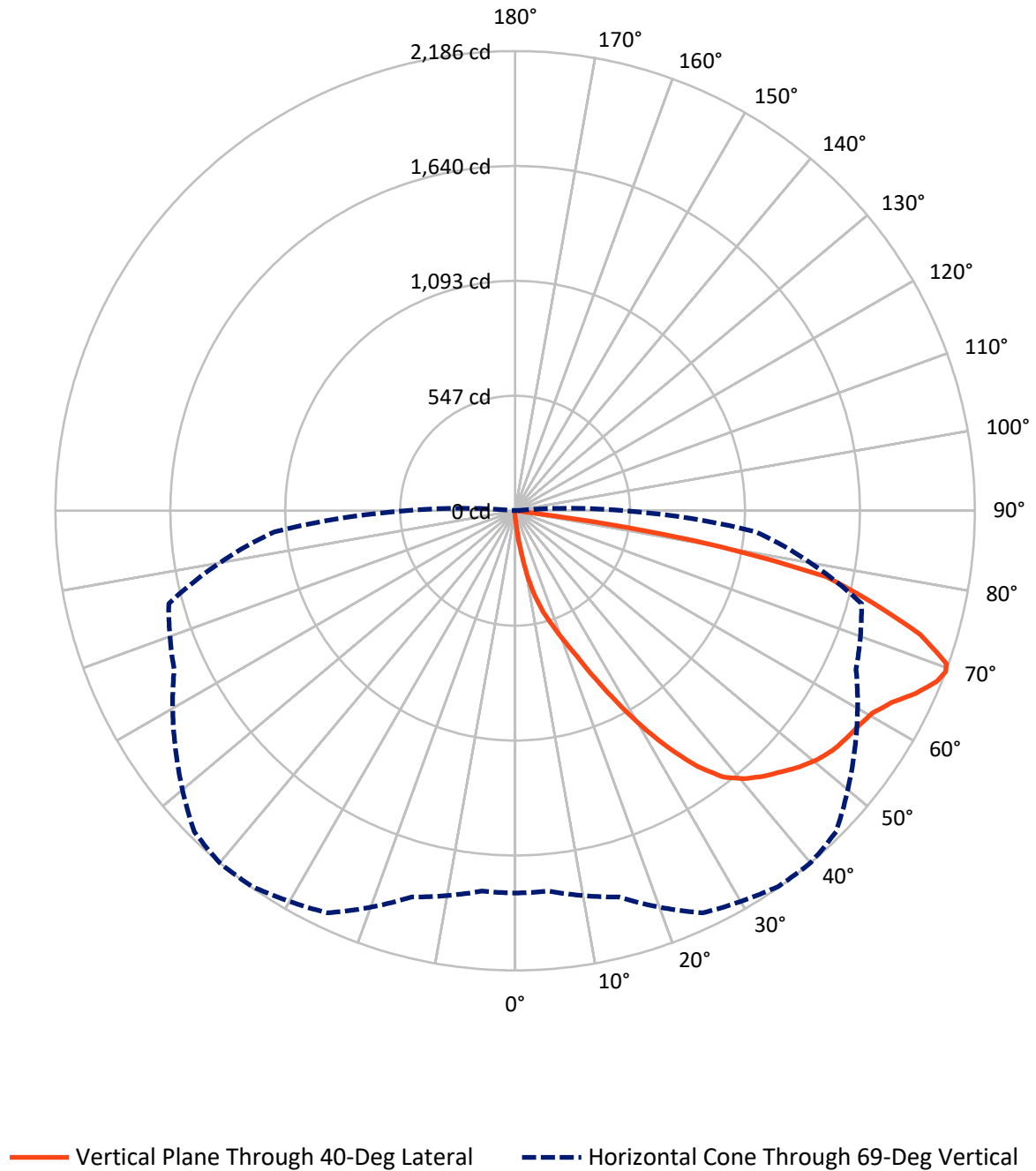


Based on 15 foot mounting height. Maximum calculated value = 4.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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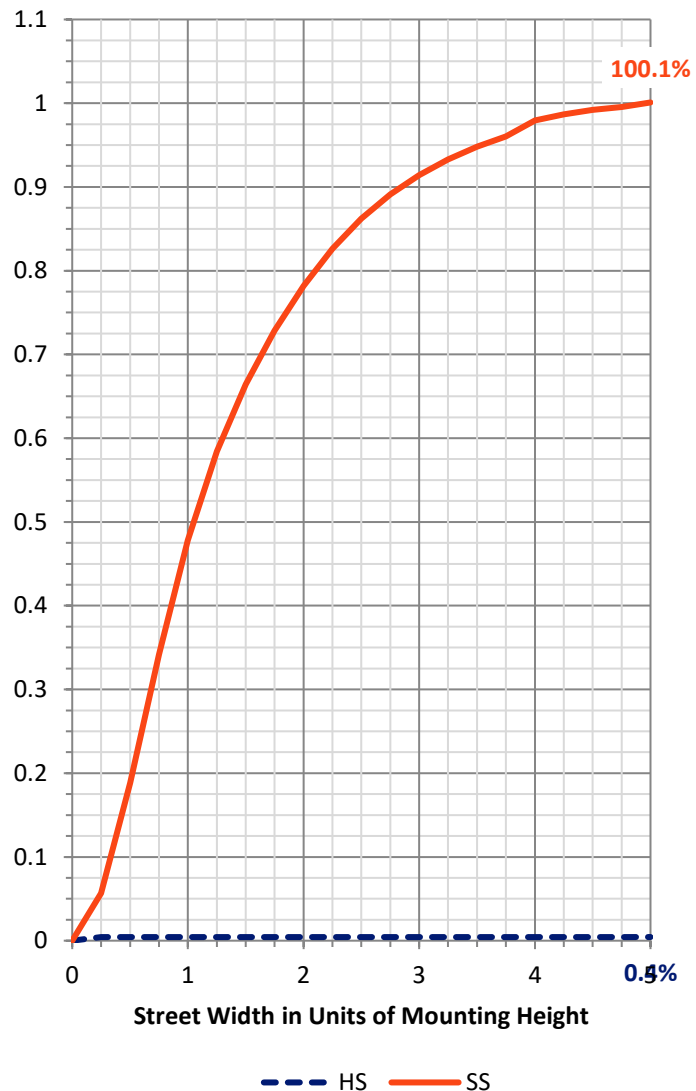
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.7	0.0	15.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3558.5	0.0	3558.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3574.2	0.0	3574.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.5	0.2
10°-20°	57.1	1.6
20°-30°	171.9	4.8
30°-40°	378.5	10.6
40°-50°	581.7	16.3
50°-60°	716.3	20.0
60°-70°	904.3	25.3
70°-80°	695.6	19.5
80°-90°	61.1	1.7
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°	3574.2	100.0
0°-180°	3574.2	100.0



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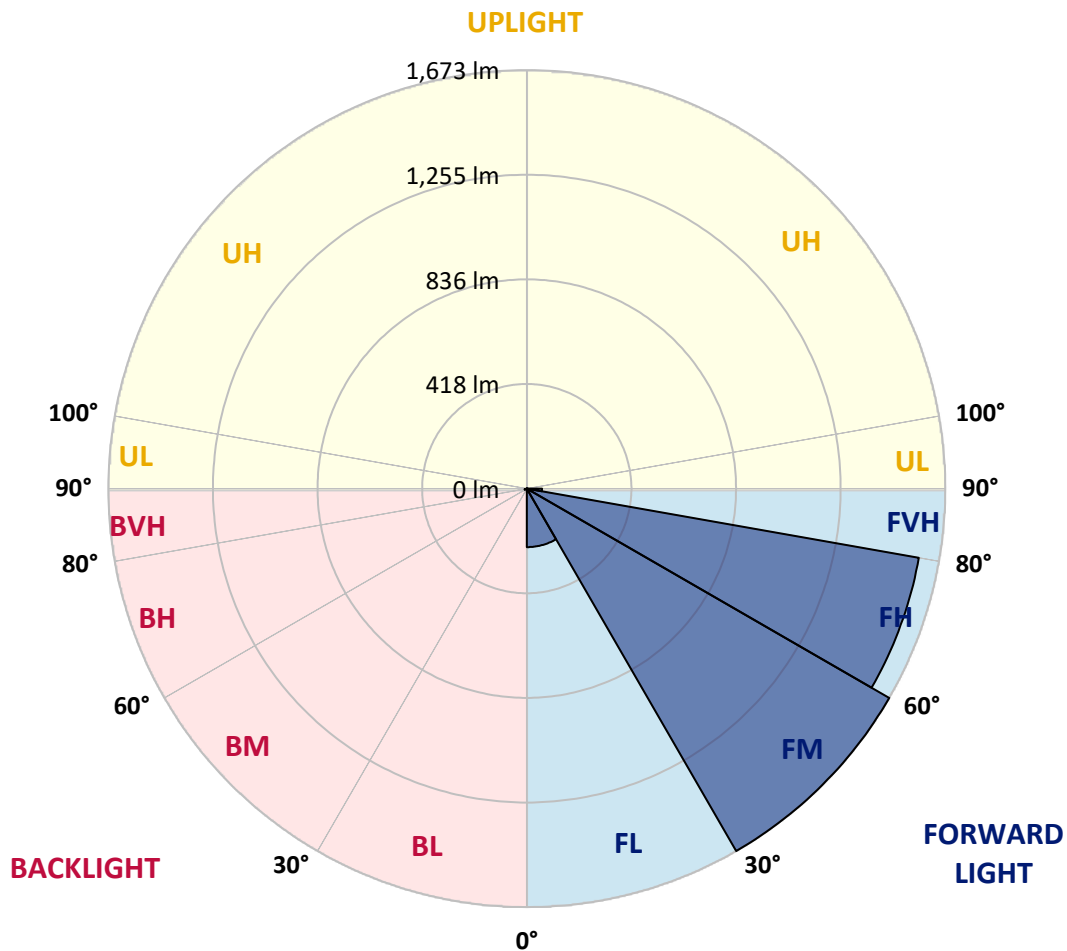
CATALOG NUMBER: GAP-SA1A-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	233.9	6.5			
FM	(30°-60°)	1672.7	46.8			
FH	(60°-80°)	1591.0	44.5			G1/1800
FVH	(80°-90°)	61.0	1.7			G1/100
BL	(0°-30°)	2.7	0.1	B0/110		
BM	(30°-60°)	3.8	0.1	B0/220		
BH	(60°-80°)	9.0	0.3	B0/110		G0/110
BVH	(80°-90°)	0.2	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
2.5°	58.3	57.7	55.0	51.6	48.9	46.9	44.2	40.2	36.2	31.5	28.2
5°	152.9	152.2	141.5	128.0	109.9	97.9	85.8	66.4	50.3	38.9	29.5
7.5°	282.9	280.9	270.8	250.1	211.8	191.1	168.9	118.7	77.1	48.3	31.5
10°	411.6	410.3	397.6	367.4	325.8	305.0	275.5	202.5	121.3	63.0	34.2
12.5°	487.4	490.7	481.4	467.3	431.7	412.3	378.8	294.3	186.4	86.5	37.5
15°	549.7	551.1	542.4	533.6	514.2	498.1	470.0	392.2	264.1	118.0	41.6
17.5°	626.8	624.8	615.4	605.4	583.9	571.9	553.8	482.7	347.3	162.9	46.9
20°	724.7	719.4	708.6	691.2	667.7	653.0	634.2	575.2	430.4	212.5	53.6
22.5°	850.1	843.4	832.0	815.9	774.3	751.5	727.4	654.3	522.2	275.5	62.3
25°	994.9	991.5	979.5	956.7	912.4	882.3	843.4	746.8	613.4	342.6	73.1
27.5°	1165.2	1159.1	1143.1	1116.2	1068.6	1029.1	980.8	848.7	700.6	413.6	86.5
30°	1355.6	1342.2	1309.3	1285.8	1230.2	1191.3	1135.0	984.2	790.4	488.1	100.6
32.5°	1532.6	1515.1	1467.5	1435.3	1383.7	1348.9	1297.2	1120.9	891.6	565.8	118.7
35°	1692.8	1674.0	1596.9	1548.0	1521.8	1492.3	1440.0	1277.1	1000.9	649.0	139.4
37.5°	1828.2	1809.4	1710.2	1633.1	1617.0	1607.0	1564.7	1409.2	1124.9	742.8	163.6
40°	1904.0	1891.9	1806.1	1718.9	1688.1	1676.0	1645.2	1519.8	1263.1	836.7	191.7
42.5°	1927.4	1920.1	1850.3	1807.4	1751.1	1727.0	1690.1	1604.3	1381.7	941.9	223.9
45°	1914.7	1906.6	1855.7	1865.8	1818.8	1771.9	1721.6	1661.9	1481.6	1066.0	264.1
47.5°	1860.4	1857.7	1822.8	1879.8	1874.5	1820.8	1758.5	1700.2	1567.4	1186.0	314.4
50°	1727.6	1726.3	1742.4	1860.4	1911.3	1861.1	1798.7	1734.4	1635.8	1306.0	378.8
52.5°	1548.6	1558.0	1639.2	1824.2	1922.1	1892.6	1838.9	1773.2	1692.1	1426.0	465.3
55°	1454.1	1462.2	1568.8	1784.6	1920.1	1911.3	1879.8	1810.8	1743.7	1524.5	580.6
57.5°	1525.9	1517.1	1566.1	1779.3	1911.3	1927.4	1909.3	1840.3	1790.7	1611.7	740.1
60°	1661.9	1659.3	1665.3	1817.5	1929.4	1953.6	1940.8	1860.4	1836.9	1678.0	915.8
62.5°	1799.4	1792.0	1798.0	1922.7	1992.5	2009.2	1993.8	1893.2	1873.1	1726.3	1106.2
65°	1867.8	1862.4	1890.6	2028.7	2082.3	2093.7	2073.6	1946.2	1879.2	1751.1	1226.2
67.5°	1859.0	1857.7	1923.4	2103.1	2157.4	2164.1	2147.3	1999.2	1853.7	1750.4	1238.9
69°	1818.2	1815.5	1902.0	2110.5	2181.5	2186.2	2158.7	1972.3	1789.3	1705.5	1148.4
70°	1769.9	1772.6	1870.4	2097.0	2182.2	2175.5	2111.8	1934.1	1740.4	1653.9	1033.1
72.5°	1590.2	1607.0	1741.1	2009.2	2090.3	2015.3	1932.1	1808.8	1647.2	1409.9	721.4
75°	1330.1	1353.6	1526.5	1826.9	1797.4	1759.8	1749.8	1655.9	1492.3	936.6	512.9
77.5°	650.3	728.1	1083.4	1403.2	1474.9	1513.1	1499.0	1369.0	1199.4	459.9	334.5
80°	34.2	35.5	57.0	134.1	683.1	868.9	1068.6	1045.2	907.7	209.8	176.3
82.5°	18.1	18.1	20.1	23.5	27.5	32.9	87.2	598.7	539.7	107.9	65.7
85°	10.1	10.1	12.1	16.1	20.8	24.1	27.5	36.2	116.0	38.9	10.7
87.5°	4.7	6.0	8.0	11.4	14.7	18.8	21.5	26.8	34.2	32.9	2.0
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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CATALOG NUMBER: GAP-SA1A-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
2.5°	26.1	24.8	22.8	21.5	20.8	19.4	18.1	17.4	16.8	16.1	16.8
5°	26.1	24.1	20.8	18.8	17.4	15.4	14.1	13.4	12.7	12.1	12.1
7.5°	26.1	22.8	18.8	16.1	14.1	12.7	10.7	10.1	9.4	8.7	8.7
10°	26.8	21.5	16.8	14.1	12.1	10.1	8.7	7.4	6.7	6.7	6.7
12.5°	26.8	20.1	14.7	12.1	10.1	8.0	6.0	4.7	4.0	4.0	4.0
15°	26.8	18.8	13.4	10.1	8.0	6.0	3.4	2.0	1.3	1.3	0.7
17.5°	27.5	18.1	12.1	8.7	6.0	3.4	0.7	0.0	0.0	0.0	0.0
20°	28.8	17.4	10.7	7.4	4.0	1.3	0.0	0.0	0.0	0.0	0.0
22.5°	30.2	16.8	9.4	5.4	2.0	0.7	0.0	0.0	0.0	0.0	0.0
25°	32.9	16.8	8.7	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	35.5	16.8	6.7	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	37.5	16.8	6.0	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	40.2	16.8	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	42.2	16.1	4.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	44.2	15.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	46.9	14.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	49.6	13.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	53.0	12.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	57.7	12.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	64.4	12.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	75.8	12.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	94.5	12.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	127.4	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	191.7	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	296.3	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	453.2	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	574.5	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	518.9	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	439.8	14.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	244.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	127.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	54.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	16.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	5.4	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	1.3	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.3	0.7	0.7	0.7	0.7	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

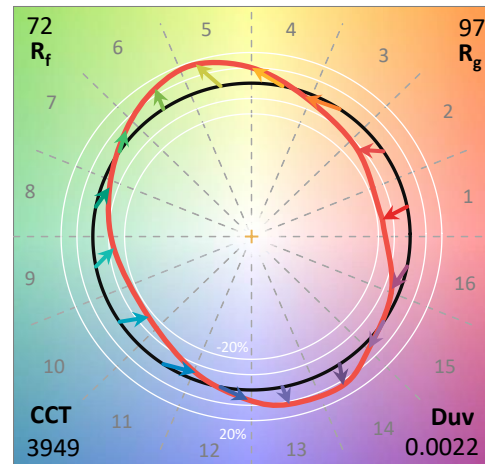
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

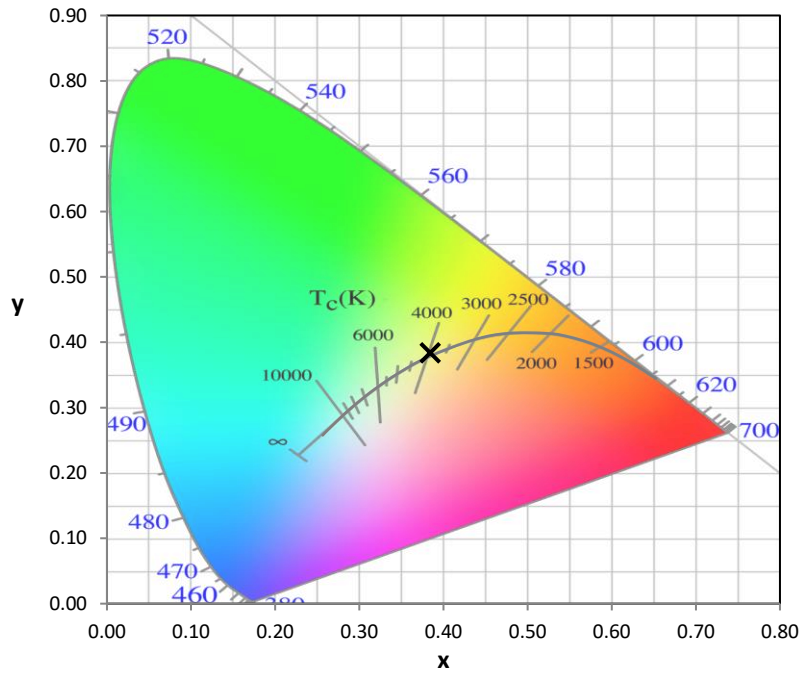
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

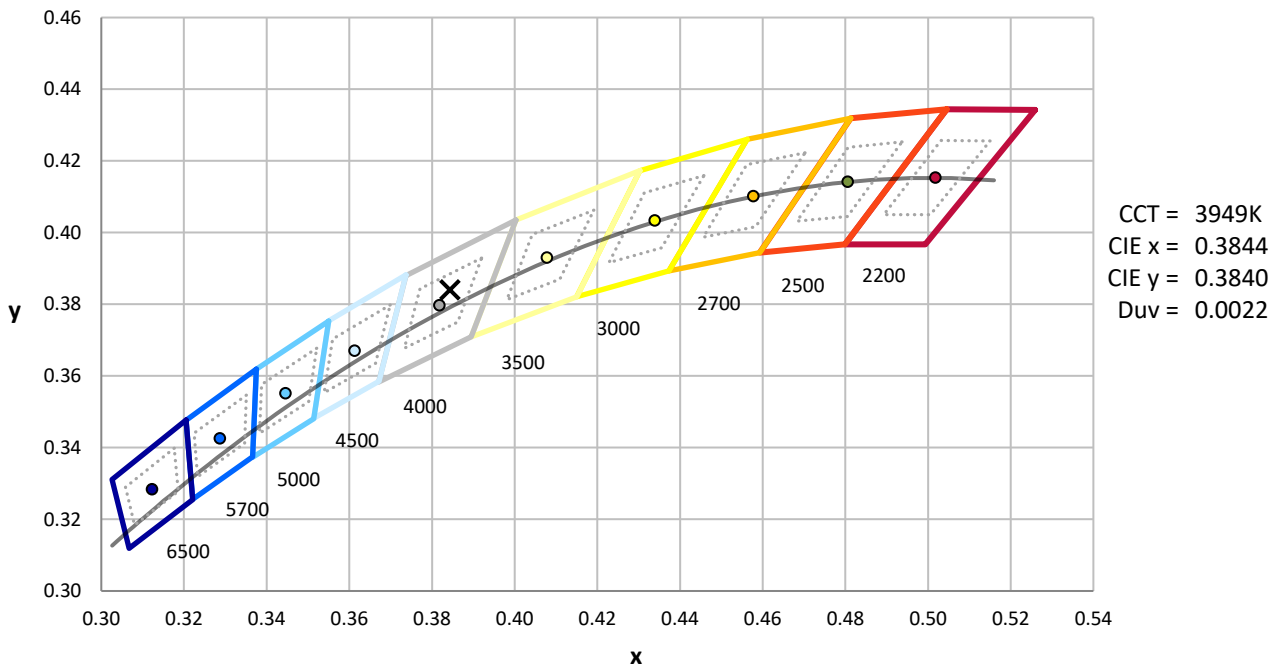
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



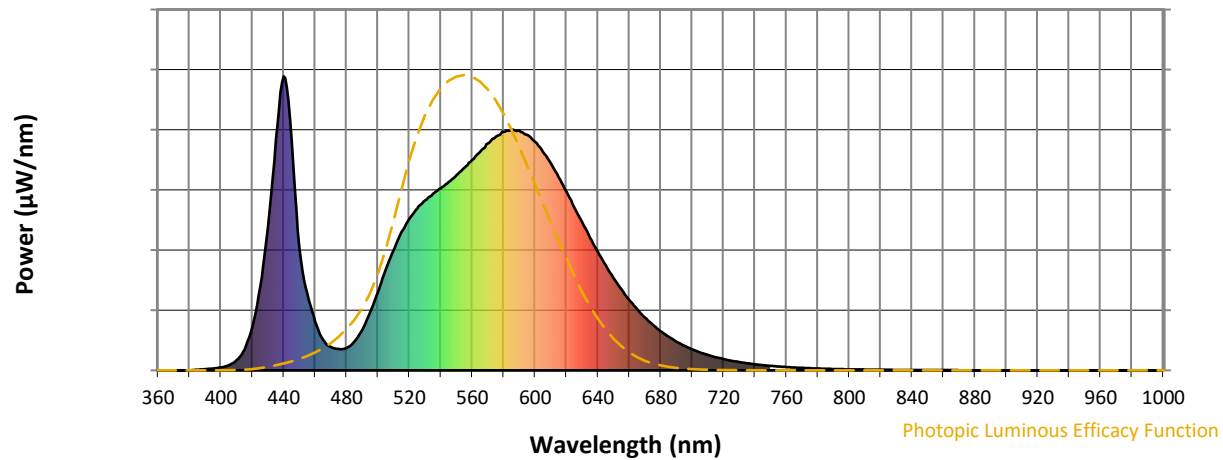
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

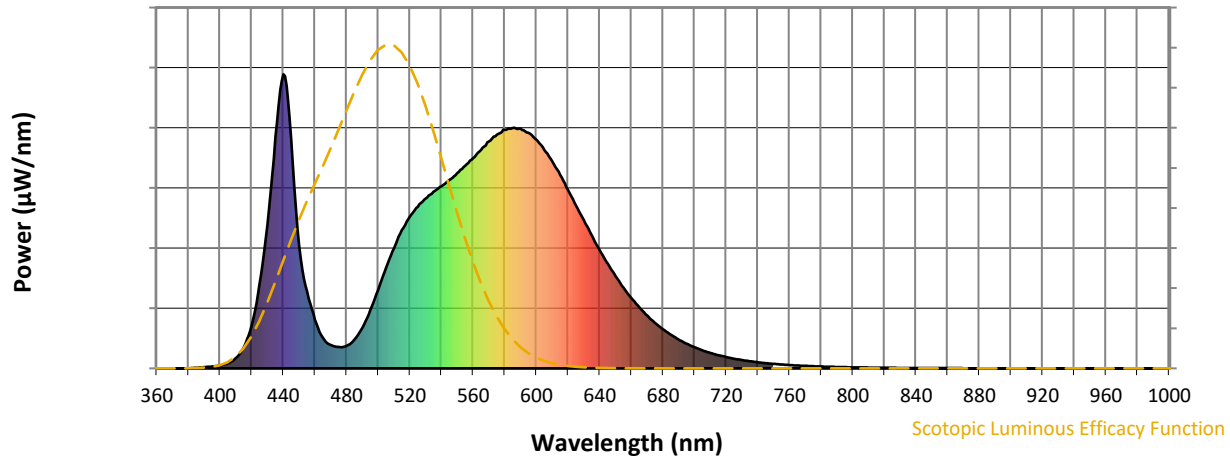


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



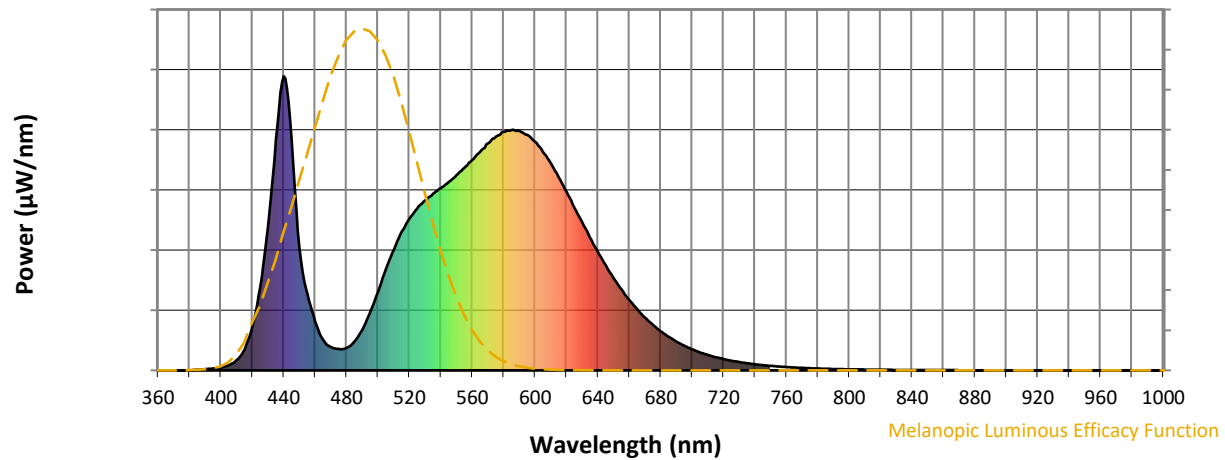
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

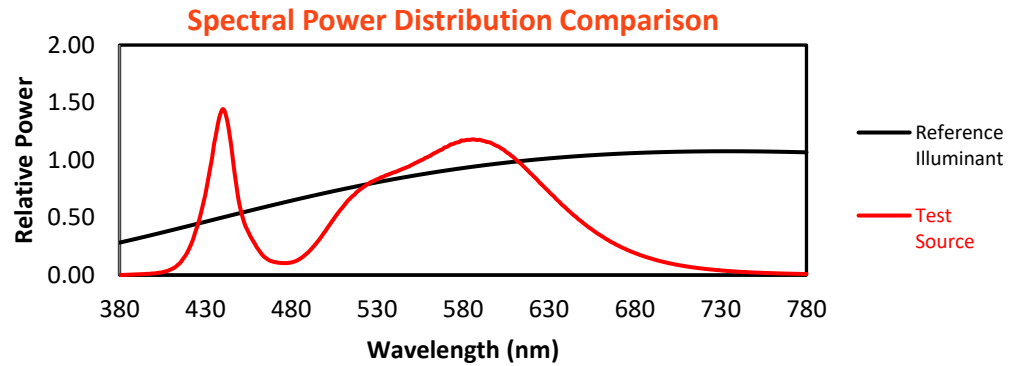
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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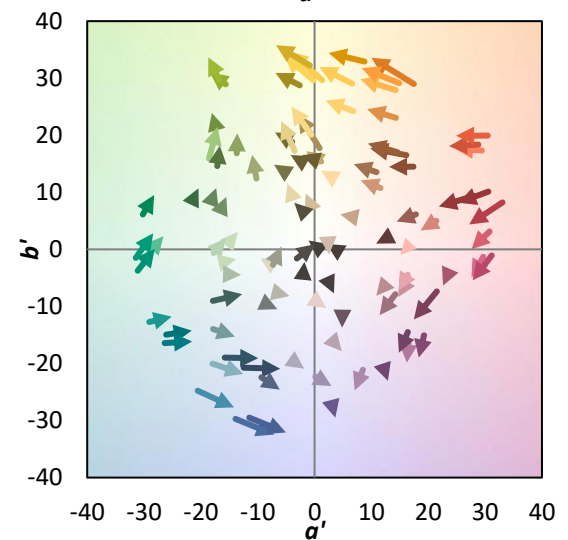
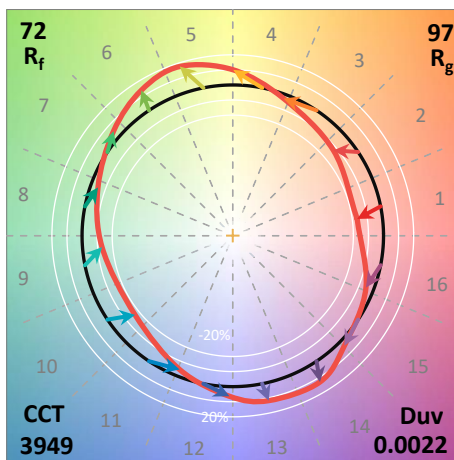
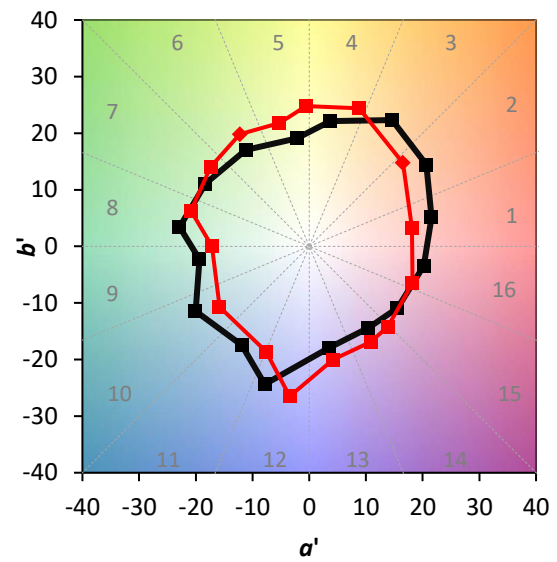
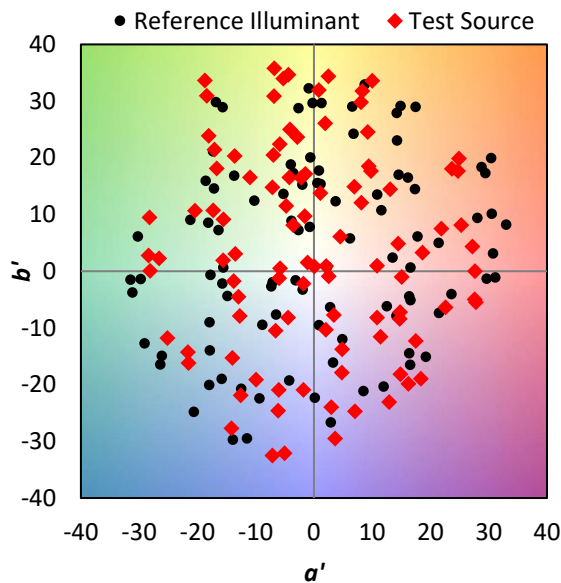
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

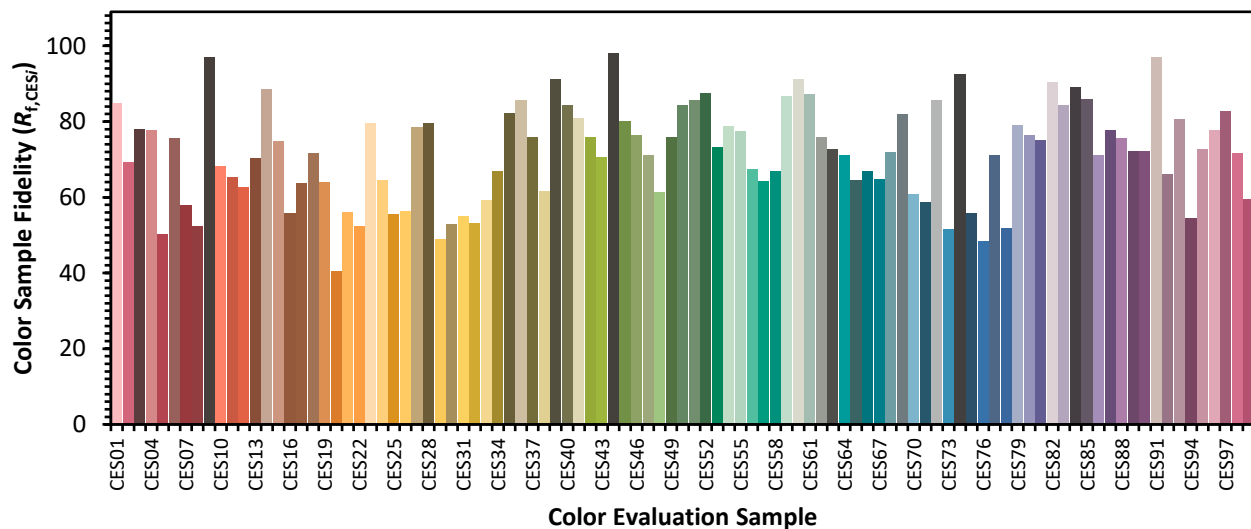


Color Vector Graphics

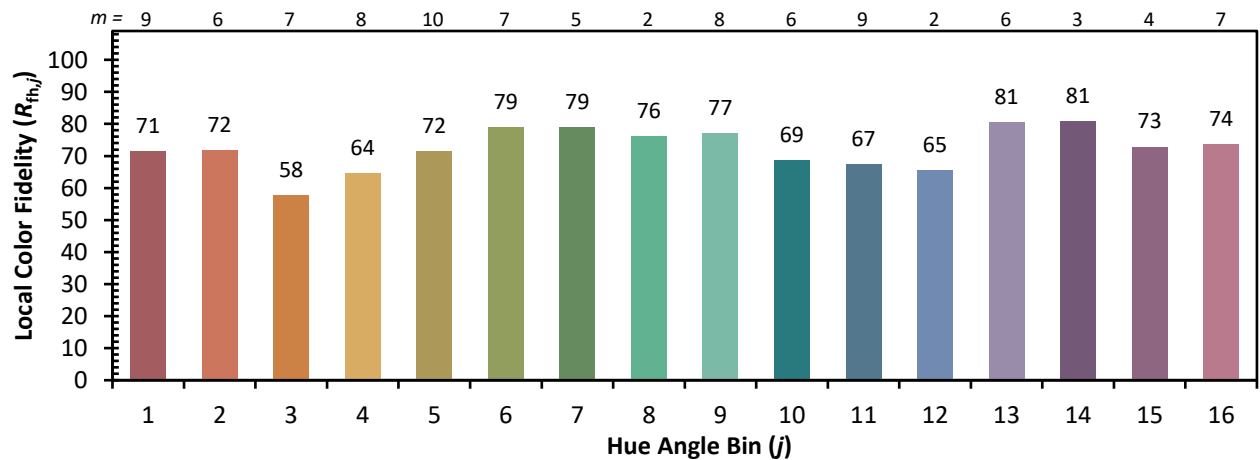
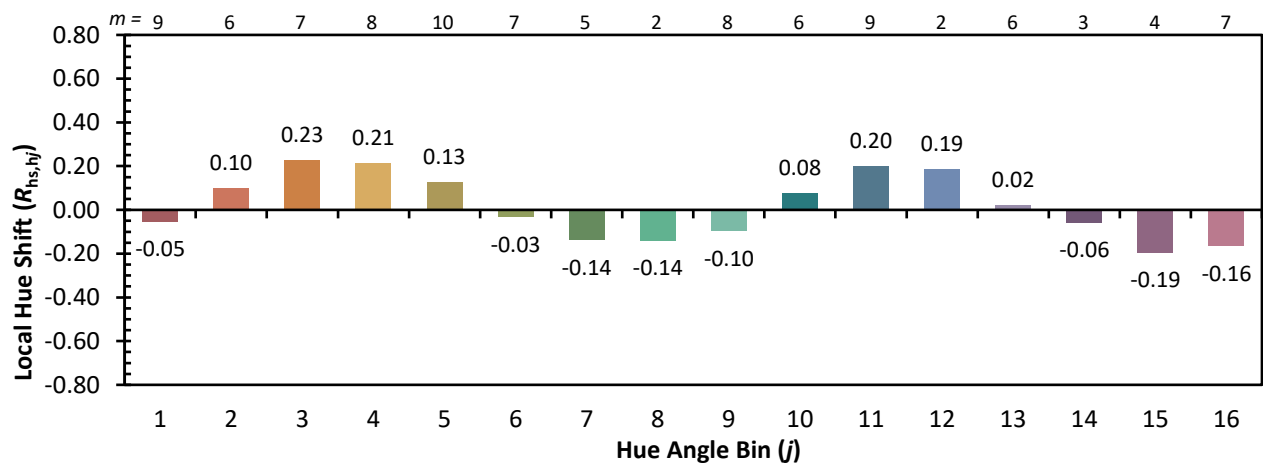
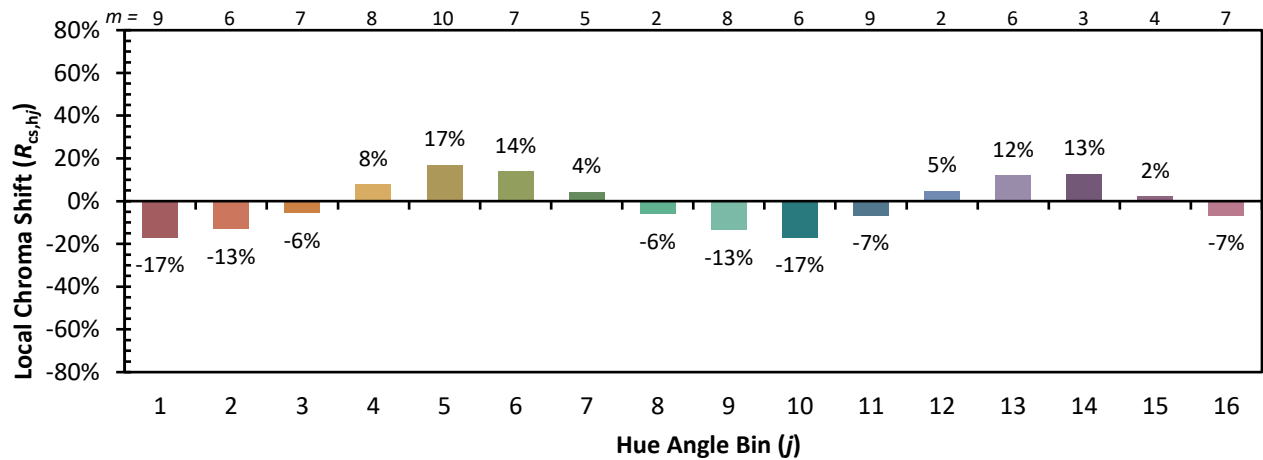


Individual Sample Fidelity Index ($R_{f,i}$)

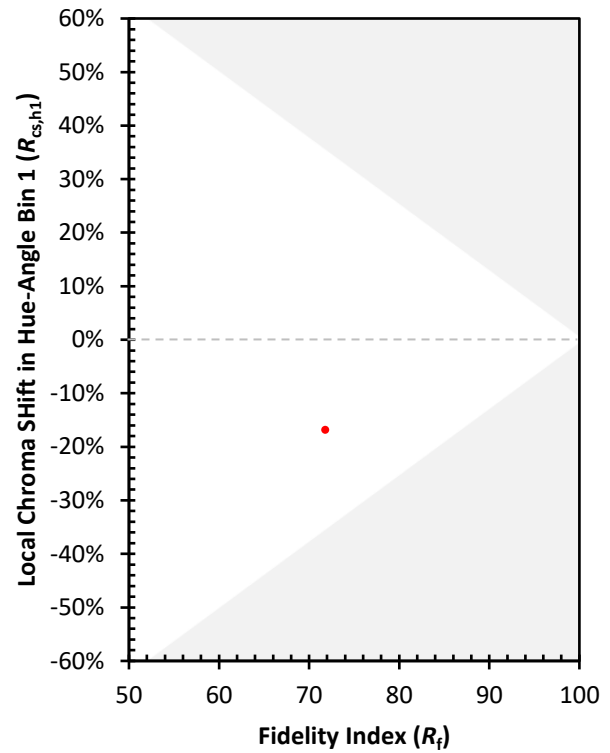
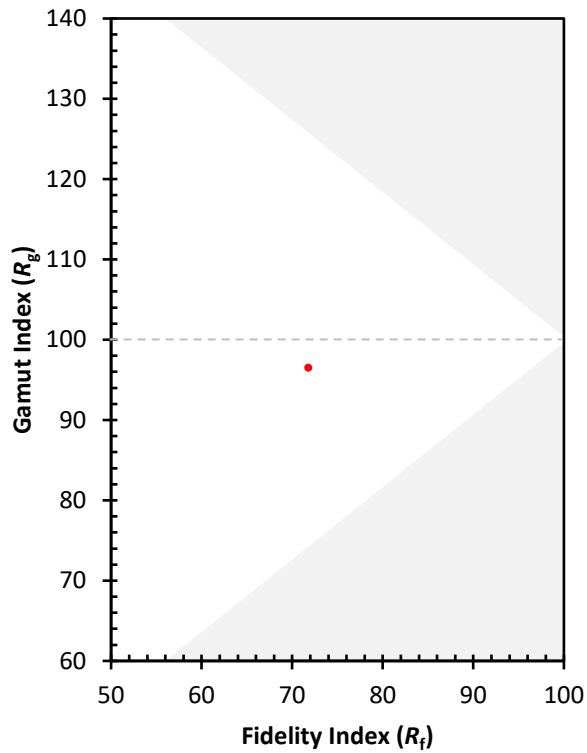
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)