

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: P1057592

Luminaire Tested: **GAP-SA1A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057592
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-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3256.1 lumens
Efficiency: N/A
Efficacy: 110.8 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

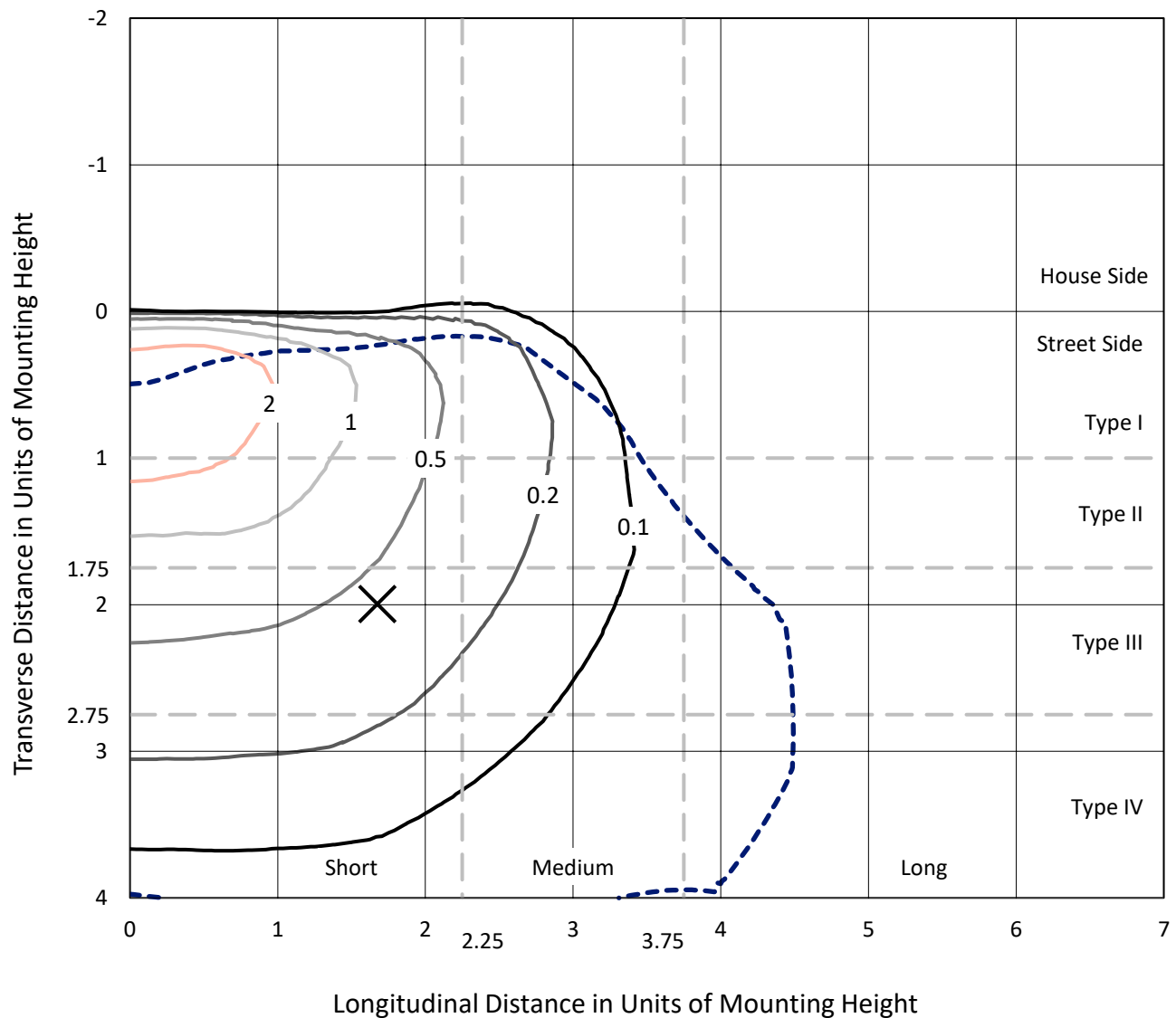


REPORT NUMBER: P1057592

CATALOG NUMBER: GAP-SA1A-730-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

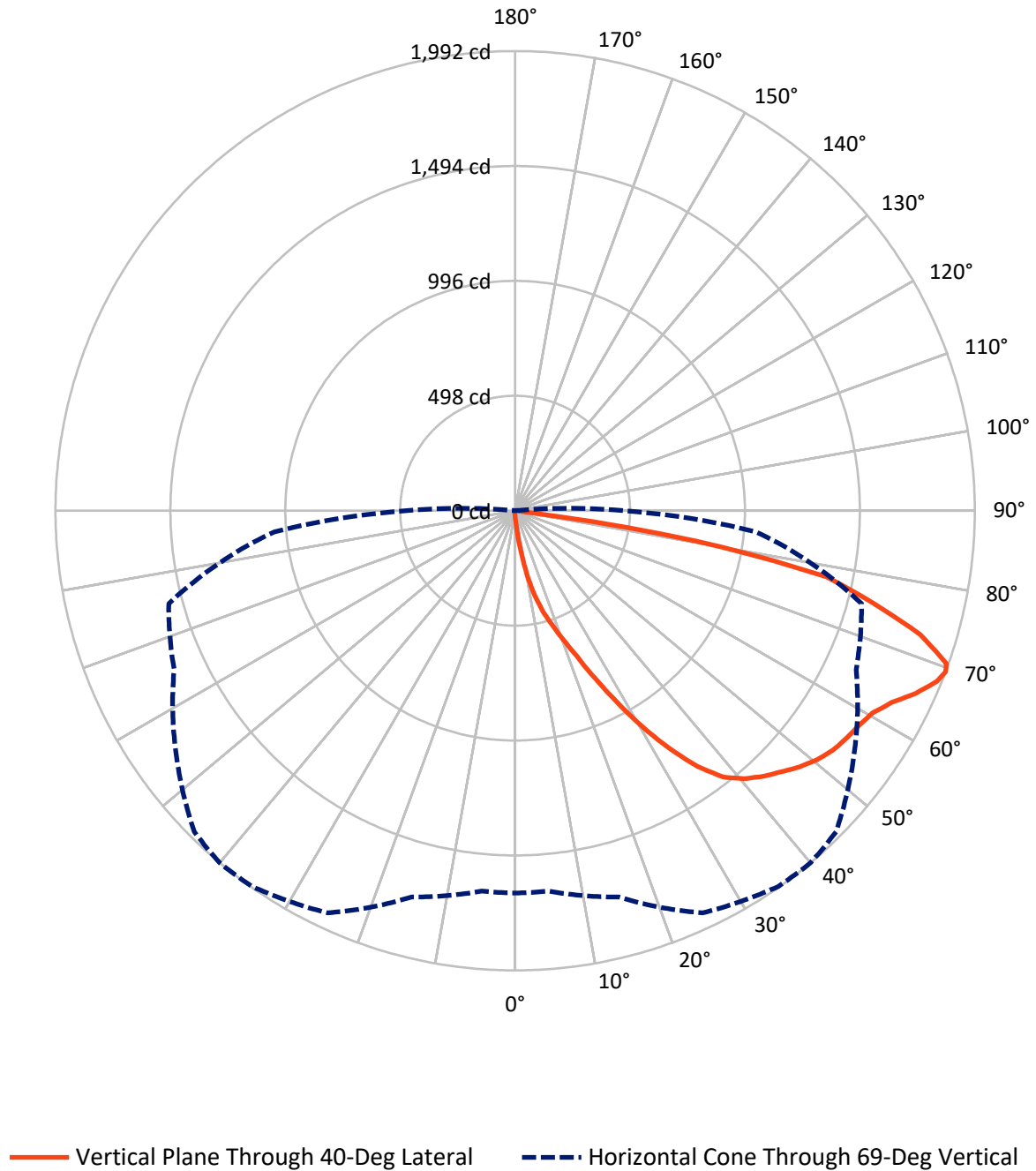


Based on 15 foot mounting height. Maximum calculated value = 3.7 fc
 Type IV - Short - N/A

REPORT NUMBER: P1057592

CATALOG NUMBER: GAP-SA1A-730-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1057592

CATALOG NUMBER: GAP-SA1A-730-U-T4BC

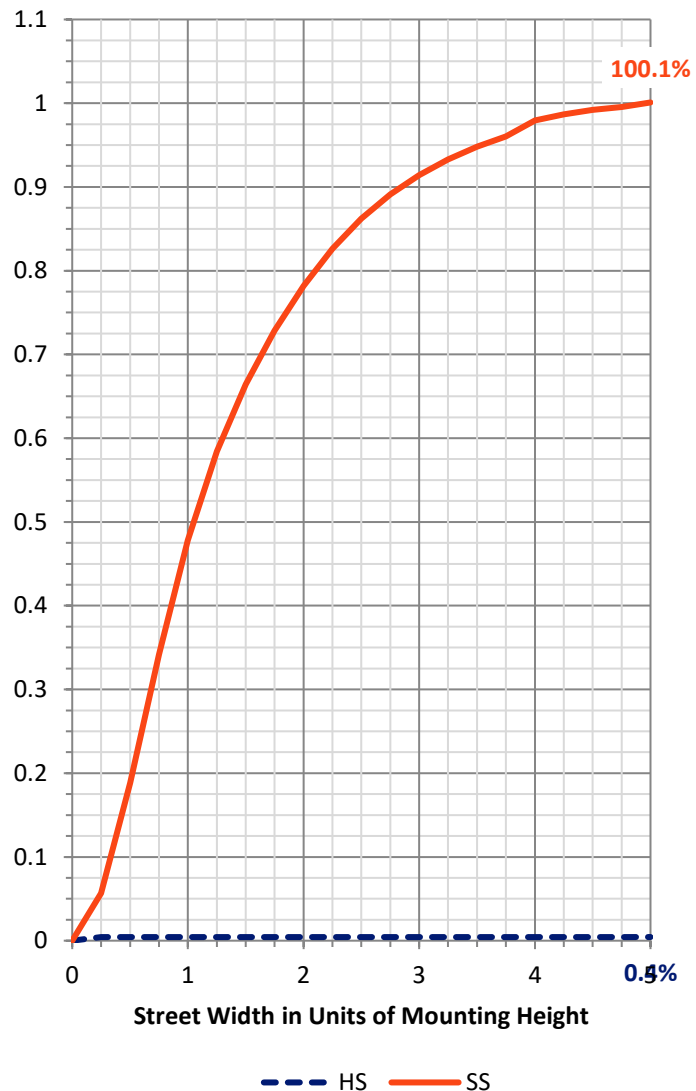
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.3	0.0	14.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3241.8	0.0	3241.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	3256.1	0.0	3256.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	0.2
10°-20°	52.0	1.6
20°-30°	156.6	4.8
30°-40°	344.9	10.6
40°-50°	529.9	16.3
50°-60°	652.6	20.0
60°-70°	823.8	25.3
70°-80°	633.7	19.5
80°-90°	55.7	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°	3256.1	100.0
0°-180°	3256.1	100.0



REPORT NUMBER: P1057592

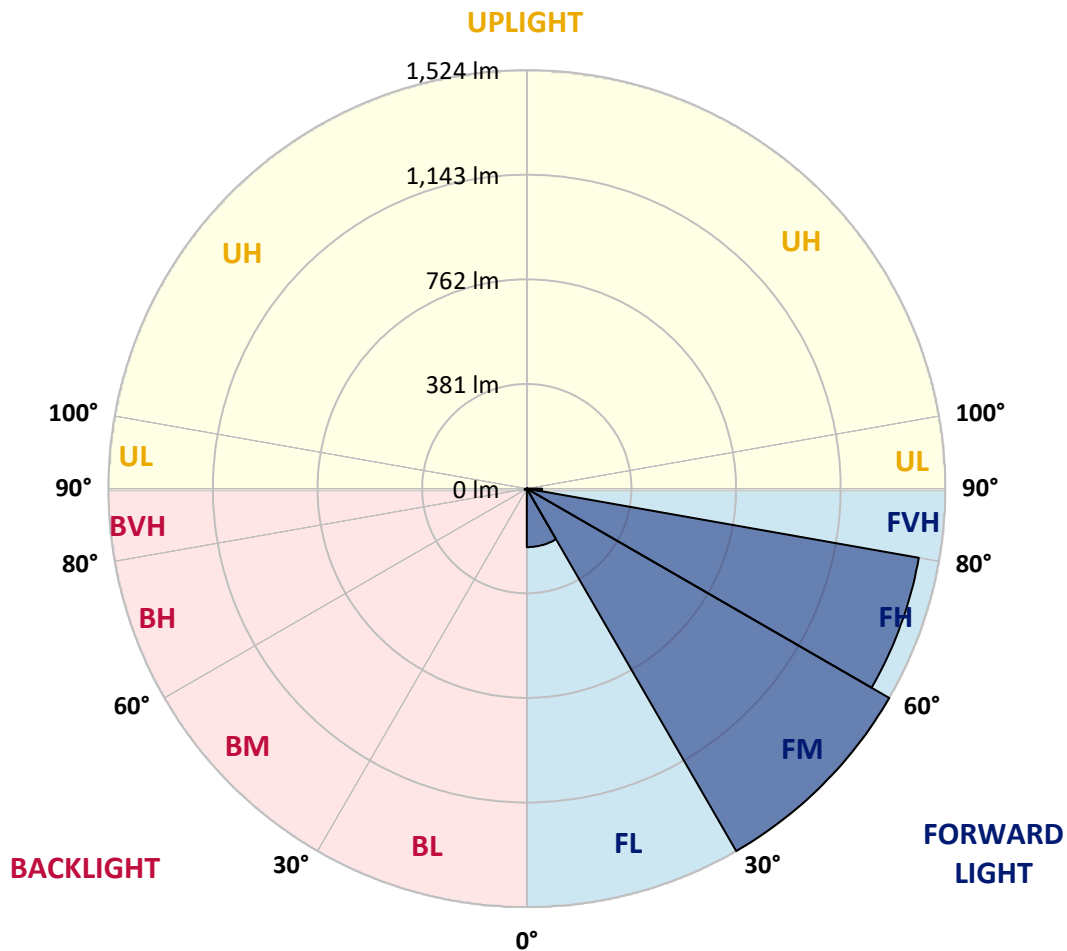
CATALOG NUMBER: GAP-SA1A-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	213.1	6.5			
FM	(30°-60°)	1523.9	46.8			
FH	(60°-80°)	1449.4	44.5			G1/1800
FVH	(80°-90°)	55.5	1.7			G1/100
BL	(0°-30°)	2.4	0.1	B0/110		
BM	(30°-60°)	3.5	0.1	B0/220		
BH	(60°-80°)	8.2	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



REPORT NUMBER: P1057592

CATALOG NUMBER: GAP-SA1A-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
2.5°	53.1	52.5	50.1	47.0	44.6	42.8	40.3	36.6	33.0	28.7	25.7
5°	139.2	138.6	128.9	116.7	100.2	89.2	78.2	60.5	45.8	35.4	26.9
7.5°	257.7	255.9	246.7	227.8	193.0	174.1	153.9	108.1	70.2	44.0	28.7
10°	375.0	373.8	362.2	334.7	296.8	277.9	251.0	184.4	110.5	57.4	31.1
12.5°	444.0	447.1	438.5	425.7	393.3	375.6	345.1	268.1	169.8	78.8	34.2
15°	500.8	502.0	494.1	486.2	468.4	453.8	428.1	357.3	240.6	107.5	37.9
17.5°	571.0	569.2	560.7	551.5	532.0	521.0	504.5	439.7	316.4	148.4	42.8
20°	660.2	655.3	645.6	629.7	608.3	594.9	577.8	524.0	392.1	193.6	48.9
22.5°	774.4	768.3	757.9	743.3	705.4	684.6	662.7	596.1	475.8	251.0	56.8
25°	906.3	903.3	892.3	871.5	831.2	803.7	768.3	680.4	558.8	312.1	66.6
27.5°	1061.5	1056.0	1041.3	1016.9	973.5	937.5	893.5	773.2	638.2	376.8	78.8
30°	1234.9	1222.7	1192.8	1171.4	1120.7	1085.3	1034.0	896.6	720.1	444.6	91.6
32.5°	1396.2	1380.3	1336.9	1307.6	1260.6	1228.8	1181.8	1021.2	812.3	515.5	108.1
35°	1542.1	1525.0	1454.8	1410.2	1386.4	1359.5	1311.9	1163.5	911.8	591.2	127.0
37.5°	1665.5	1648.4	1558.0	1487.8	1473.1	1464.0	1425.5	1283.8	1024.8	676.7	149.0
40°	1734.5	1723.5	1645.3	1565.9	1537.9	1526.9	1498.8	1384.6	1150.6	762.2	174.7
42.5°	1755.9	1749.2	1685.7	1646.6	1595.3	1573.3	1539.7	1461.5	1258.7	858.1	204.0
45°	1744.3	1737.0	1690.5	1699.7	1656.9	1614.2	1568.4	1514.0	1349.7	971.1	240.6
47.5°	1694.8	1692.4	1660.6	1712.5	1707.6	1658.8	1602.0	1548.8	1427.9	1080.4	286.4
50°	1573.9	1572.7	1587.3	1694.8	1741.2	1695.4	1638.6	1580.0	1490.2	1189.7	345.1
52.5°	1410.8	1419.4	1493.3	1661.8	1751.0	1724.1	1675.3	1615.4	1541.5	1299.1	423.9
55°	1324.7	1332.0	1429.1	1625.8	1749.2	1741.2	1712.5	1649.6	1588.5	1388.8	528.9
57.5°	1390.1	1382.1	1426.7	1620.9	1741.2	1755.9	1739.4	1676.5	1631.3	1468.2	674.3
60°	1514.0	1511.6	1517.1	1655.7	1757.7	1779.7	1768.1	1694.8	1673.4	1528.7	834.3
62.5°	1639.2	1632.5	1638.0	1751.6	1815.1	1830.4	1816.4	1724.7	1706.4	1572.7	1007.7
65°	1701.5	1696.6	1722.3	1848.1	1897.0	1907.4	1889.0	1773.0	1711.9	1595.3	1117.1
67.5°	1693.6	1692.4	1752.2	1915.9	1965.4	1971.5	1956.2	1821.2	1688.7	1594.7	1128.7
69°	1656.3	1653.9	1732.7	1922.6	1987.4	1991.6	1966.6	1796.8	1630.1	1553.7	1046.2
70°	1612.4	1614.8	1704.0	1910.4	1988.0	1981.9	1923.8	1762.0	1585.5	1506.7	941.2
72.5°	1448.7	1464.0	1586.1	1830.4	1904.3	1835.9	1760.2	1647.8	1500.6	1284.4	657.2
75°	1211.7	1233.1	1390.7	1664.3	1637.4	1603.2	1594.0	1508.5	1359.5	853.2	467.2
77.5°	592.4	663.3	987.0	1278.3	1343.6	1378.4	1365.6	1247.1	1092.6	419.0	304.8
80°	31.1	32.4	51.9	122.1	622.3	791.5	973.5	952.2	826.9	191.2	160.6
82.5°	16.5	16.5	18.3	21.4	25.0	29.9	79.4	545.4	491.6	98.3	59.9
85°	9.2	9.2	11.0	14.7	18.9	22.0	25.0	33.0	105.7	35.4	9.8
87.5°	4.3	5.5	7.3	10.4	13.4	17.1	19.5	24.4	31.1	29.9	1.8
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: P1057592

CATALOG NUMBER: GAP-SA1A-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
2.5°	23.8	22.6	20.8	19.5	18.9	17.7	16.5	15.9	15.3	14.7	15.3
5°	23.8	22.0	18.9	17.1	15.9	14.0	12.8	12.2	11.6	11.0	11.0
7.5°	23.8	20.8	17.1	14.7	12.8	11.6	9.8	9.2	8.6	7.9	7.9
10°	24.4	19.5	15.3	12.8	11.0	9.2	7.9	6.7	6.1	6.1	6.1
12.5°	24.4	18.3	13.4	11.0	9.2	7.3	5.5	4.3	3.7	3.7	3.7
15°	24.4	17.1	12.2	9.2	7.3	5.5	3.1	1.8	1.2	1.2	0.6
17.5°	25.0	16.5	11.0	7.9	5.5	3.1	0.6	0.0	0.0	0.0	0.0
20°	26.3	15.9	9.8	6.7	3.7	1.2	0.0	0.0	0.0	0.0	0.0
22.5°	27.5	15.3	8.6	4.9	1.8	0.6	0.0	0.0	0.0	0.0	0.0
25°	29.9	15.3	7.9	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	32.4	15.3	6.1	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	34.2	15.3	5.5	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	36.6	15.3	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	38.5	14.7	3.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	40.3	14.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	42.8	13.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	45.2	12.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	48.2	11.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	52.5	11.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	58.6	11.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	69.0	11.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	86.1	11.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	116.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	174.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	269.9	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	412.9	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	523.4	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	472.7	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	400.6	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	222.9	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	116.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	49.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	14.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	4.9	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.8	1.2	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	0.6	0.6	0.6	0.6	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

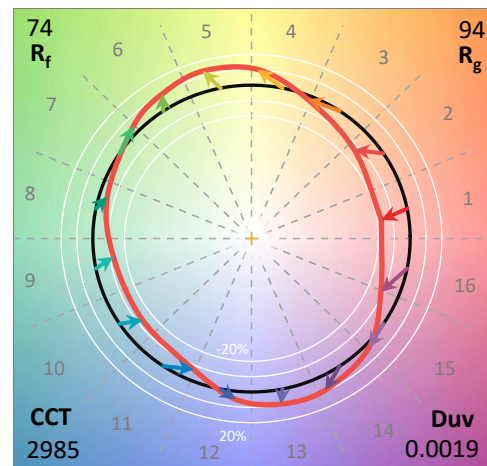
Test Information

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

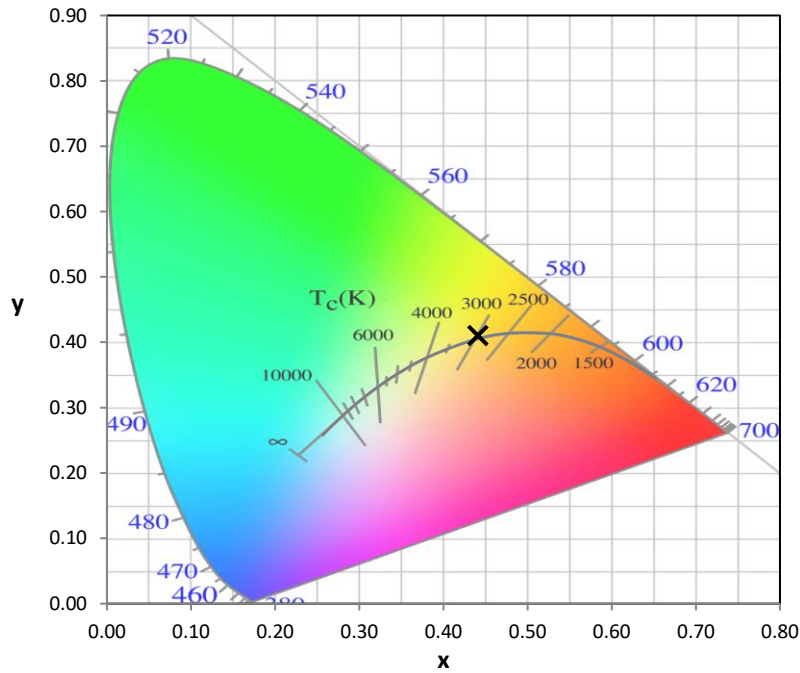
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

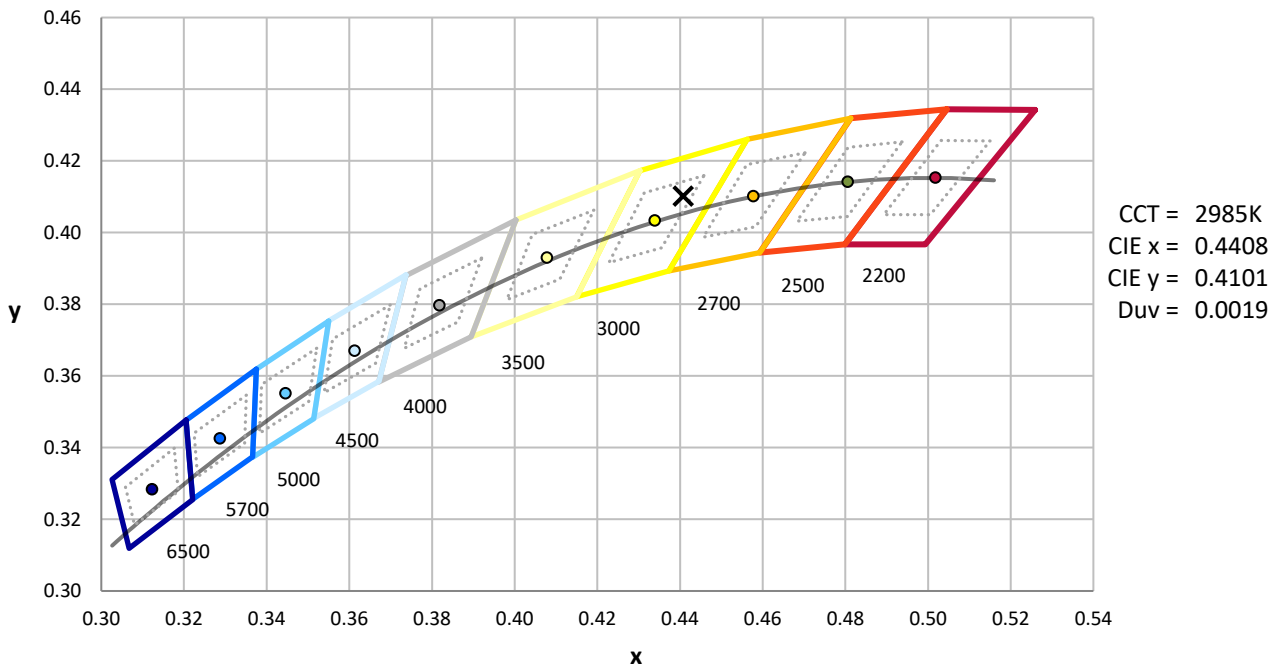
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



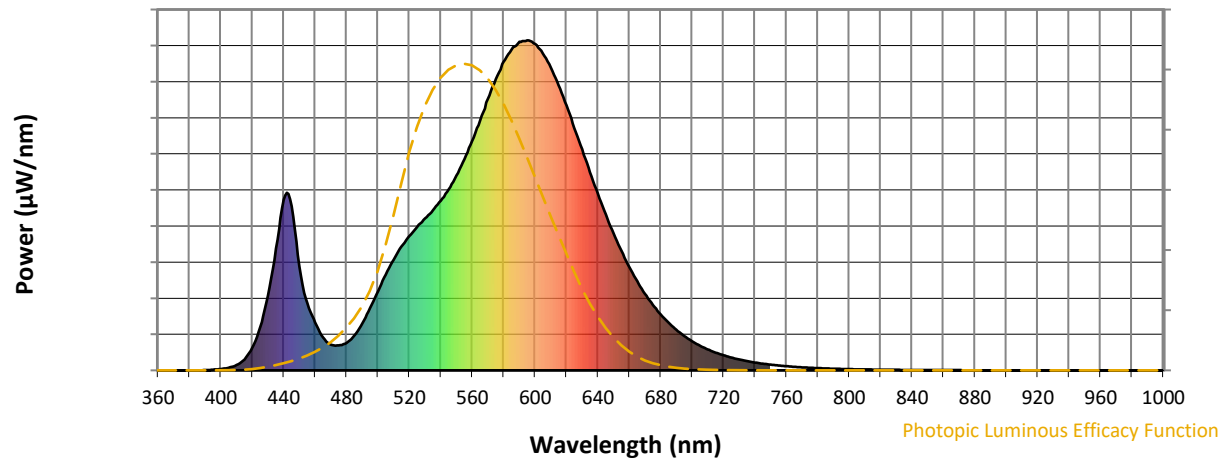
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

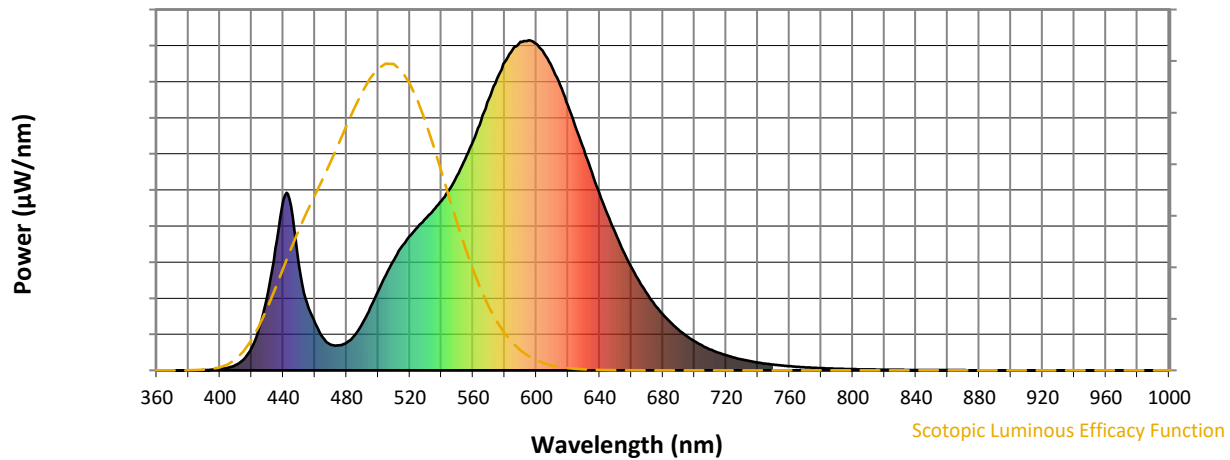


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



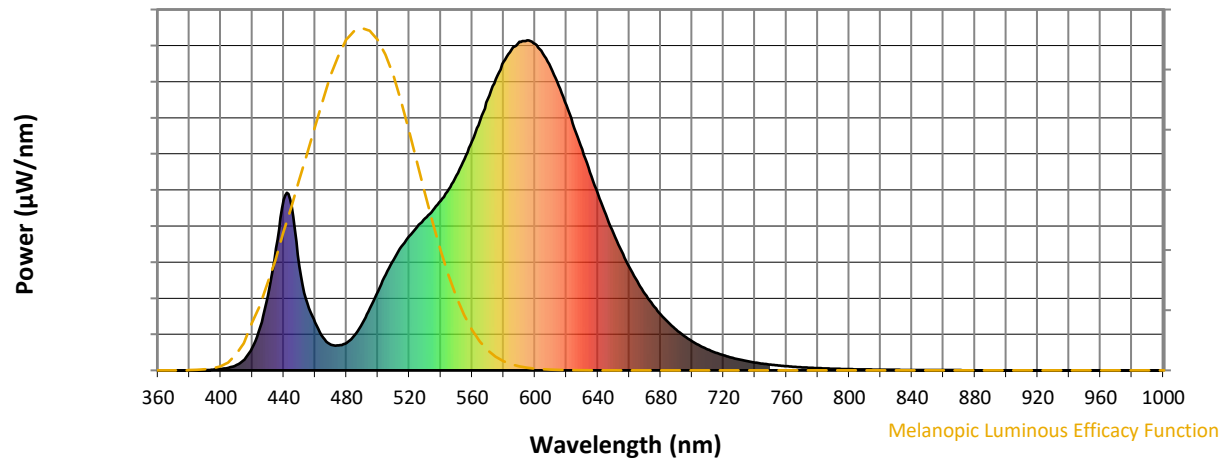
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

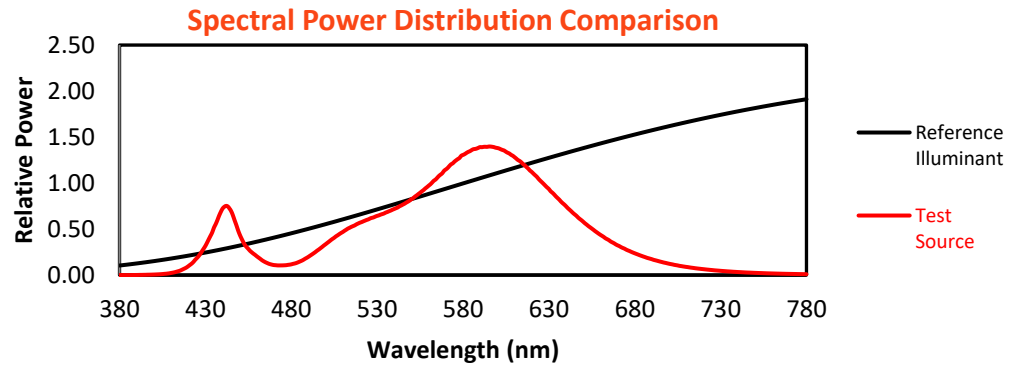
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

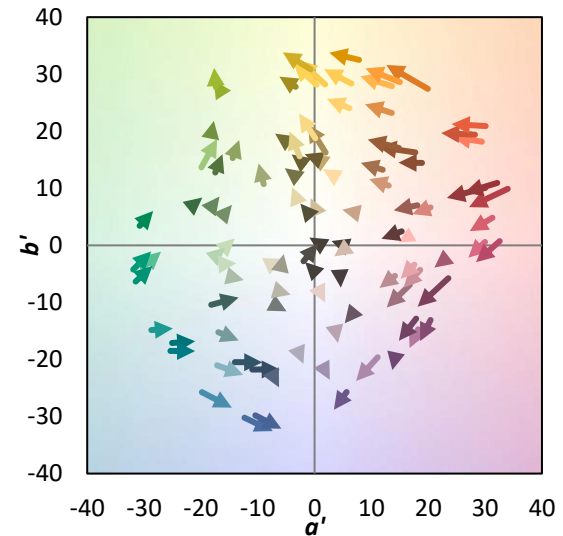
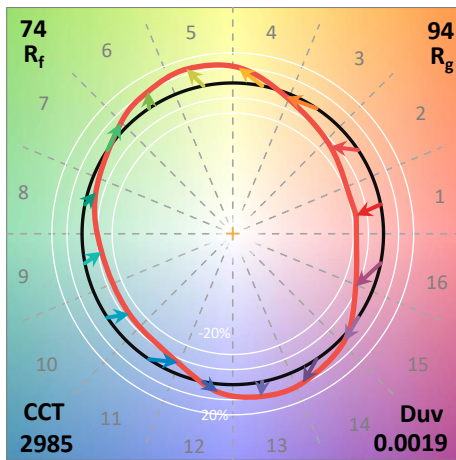
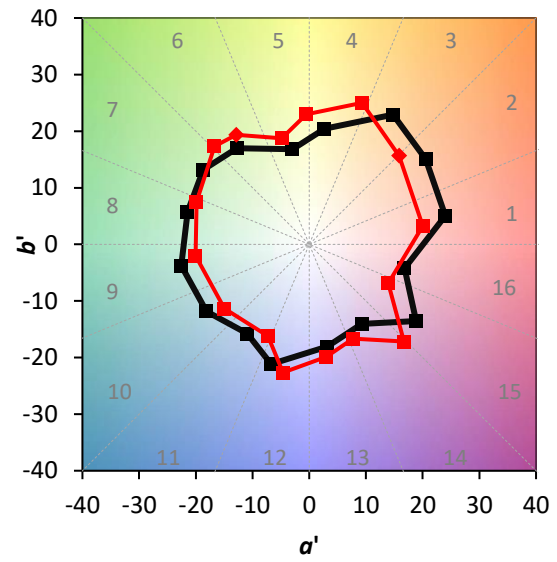
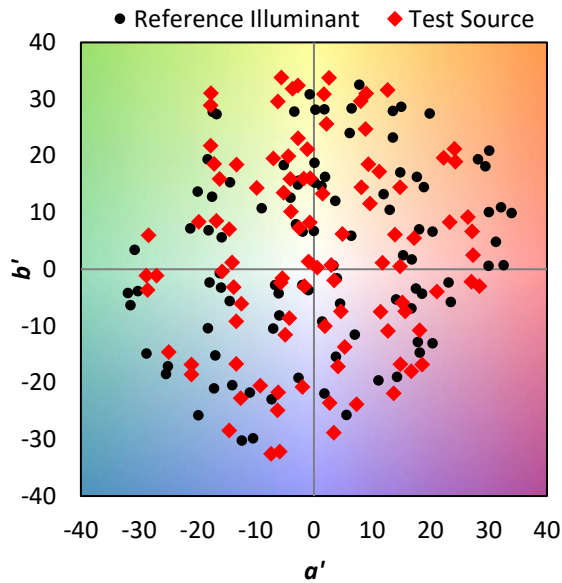
TM-30-18

Summary

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

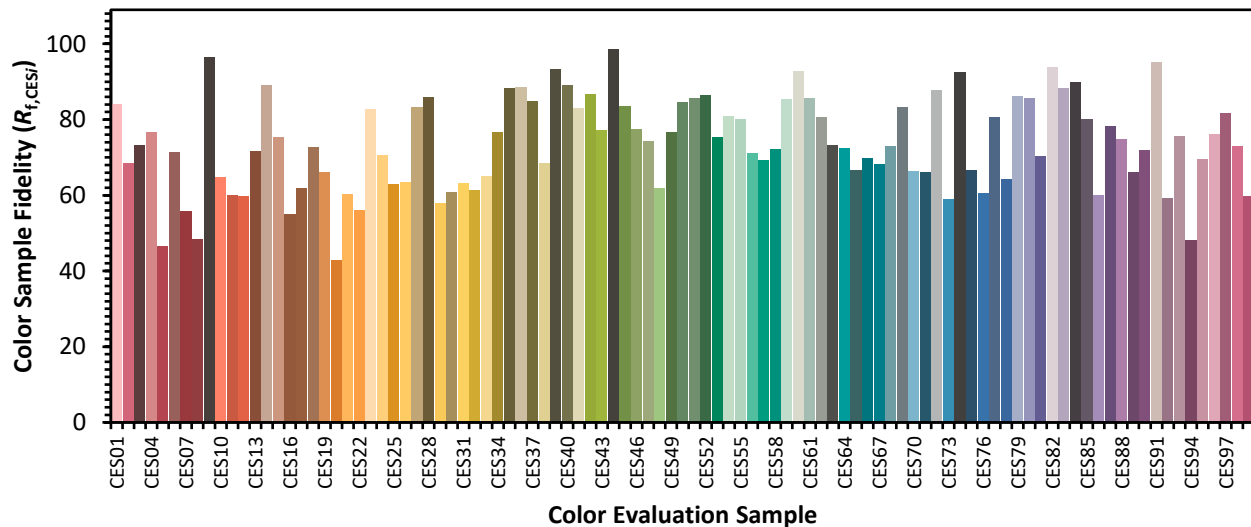


Color Vector Graphics

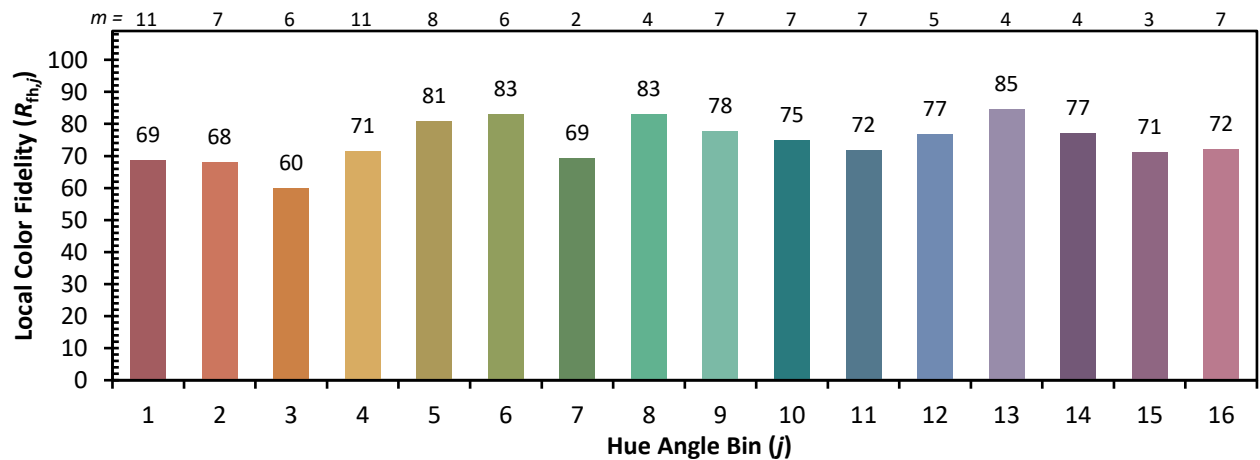
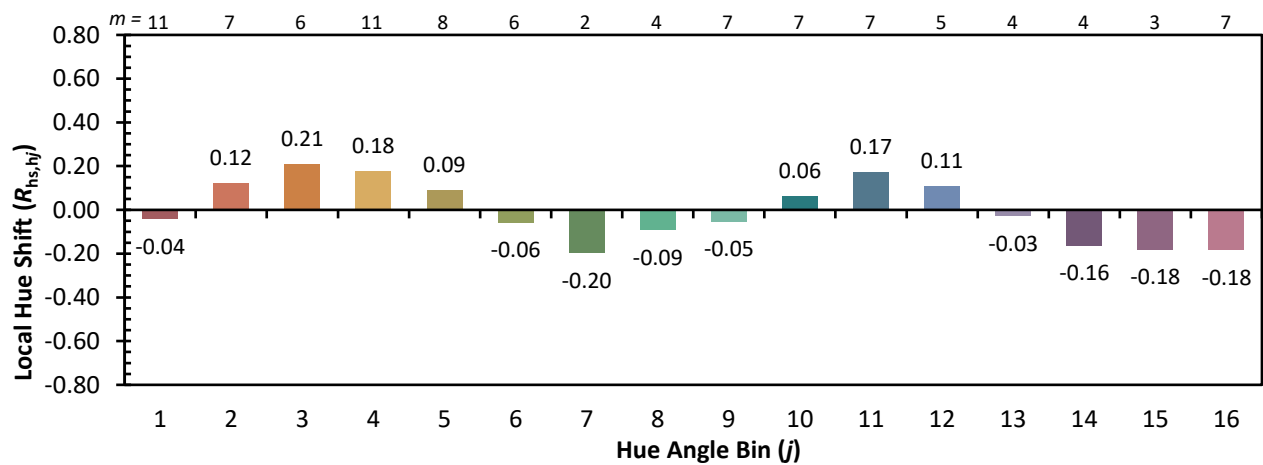
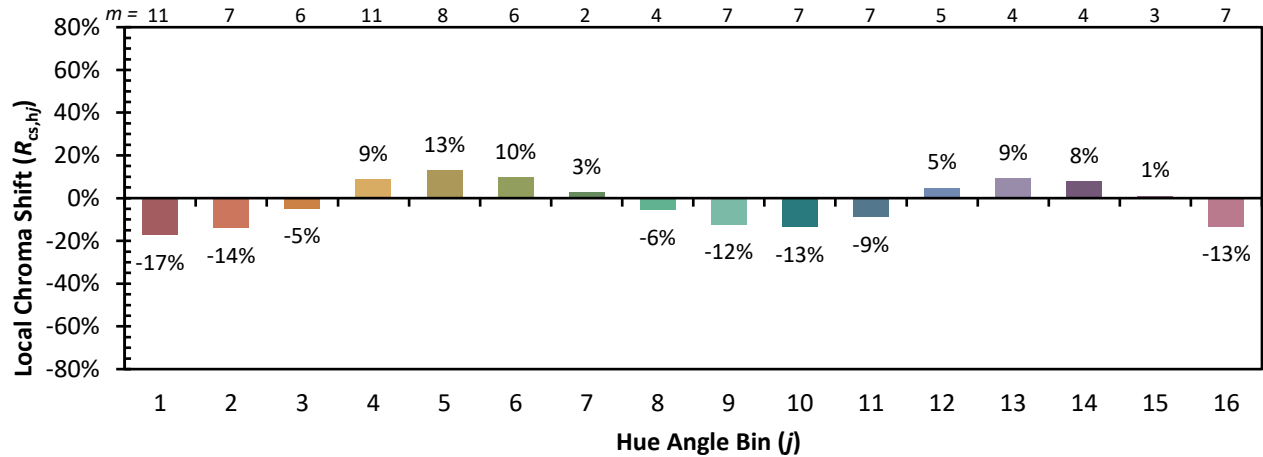


Individual Sample Fidelity Index ($R_{f,i}$)

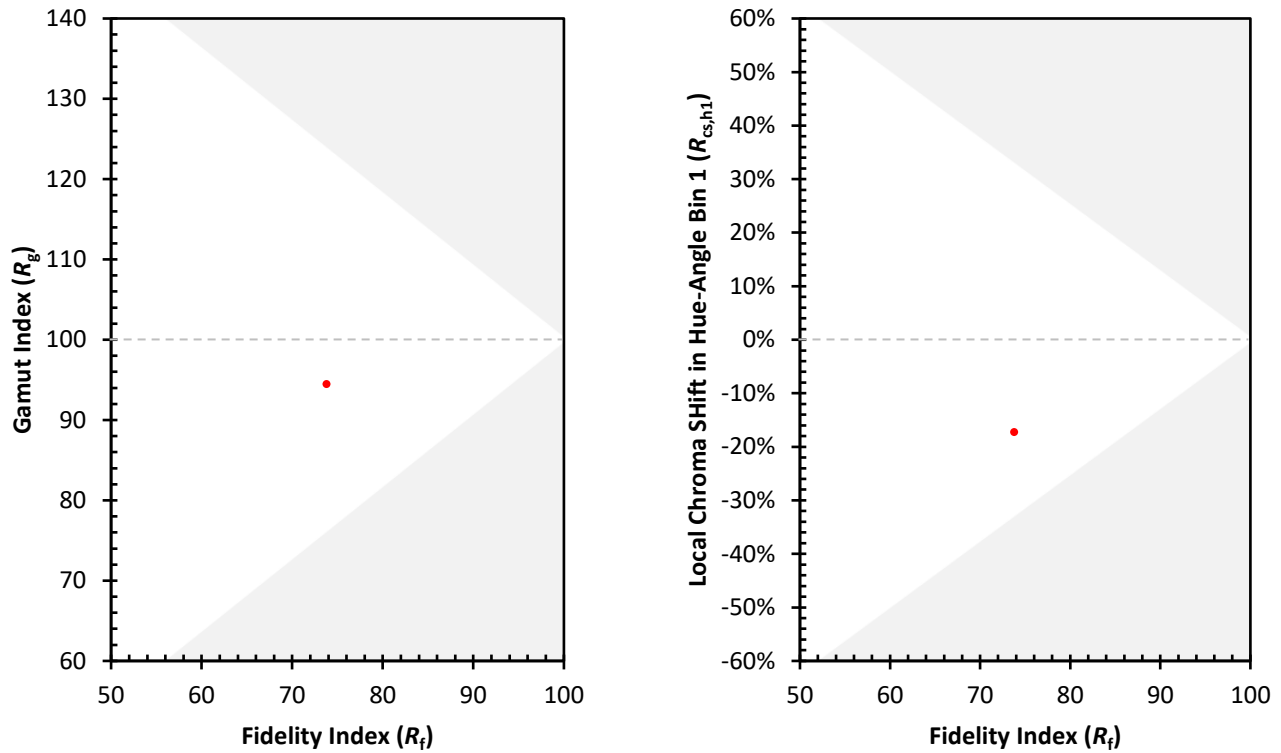
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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