

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: P1057584

Luminaire Tested: **GAP-SA1A-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057584
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1A-727-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 615mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2988 lumens
Efficiency: N/A
Efficacy: 101.6 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

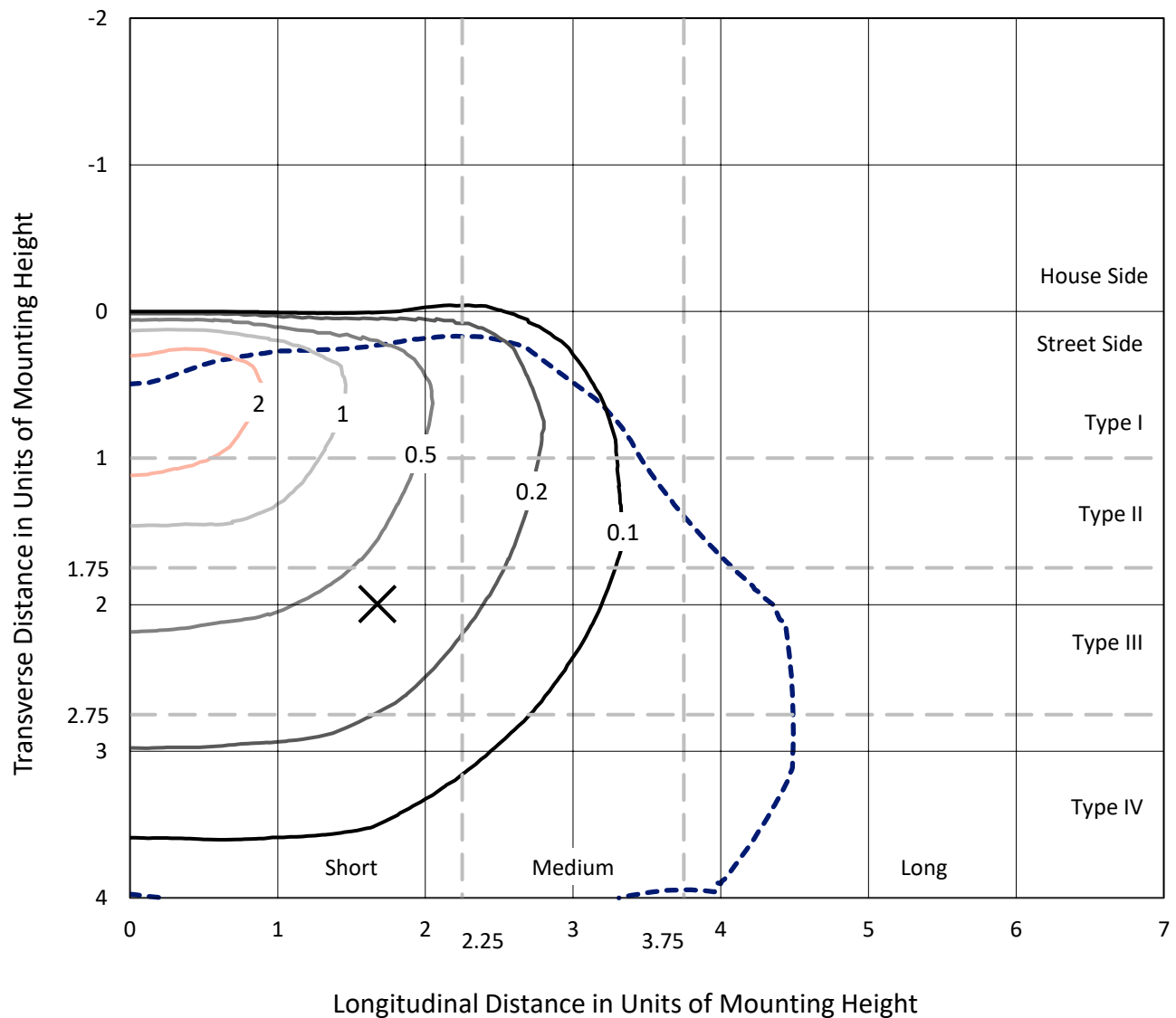


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

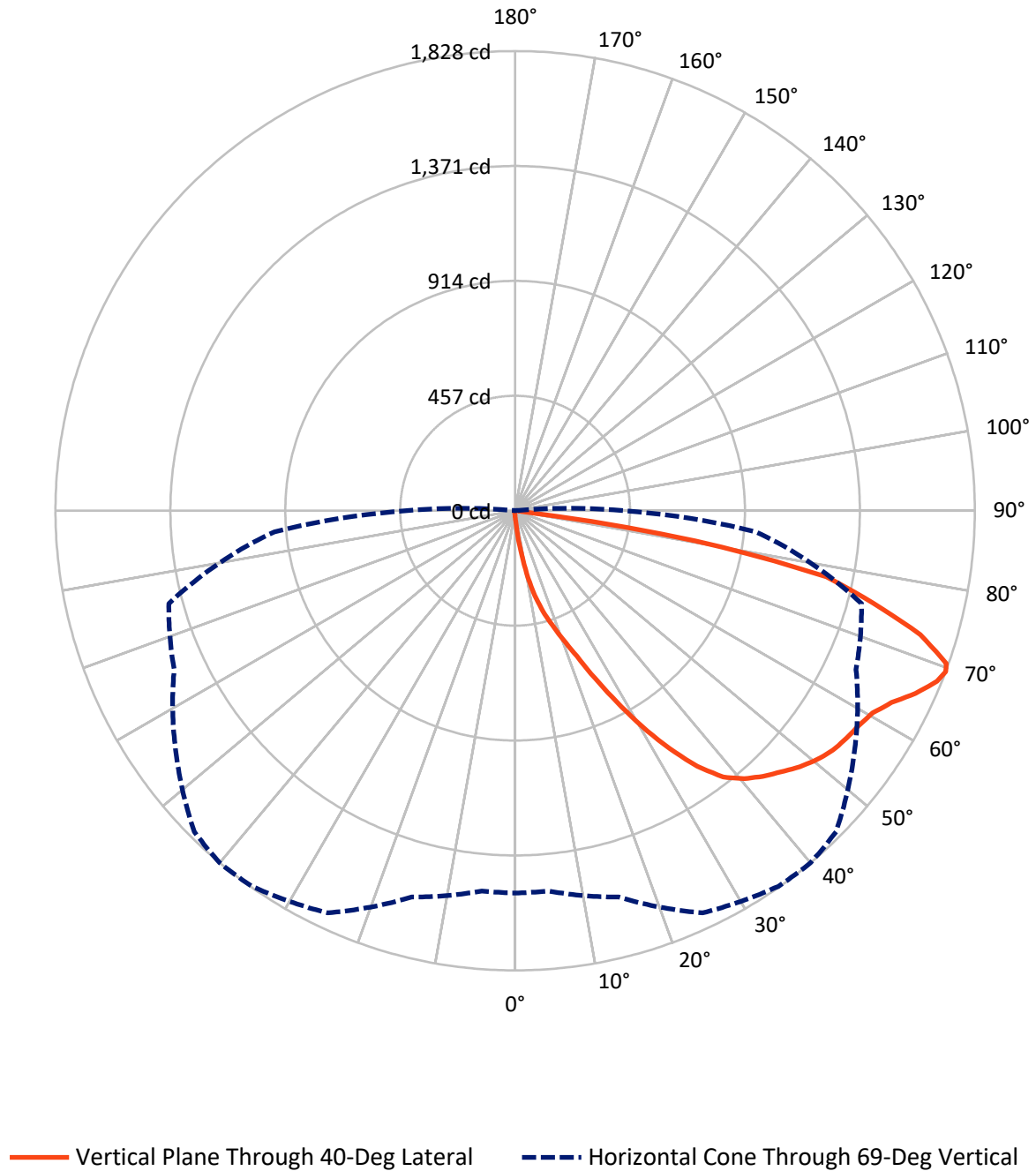


Based on 15 foot mounting height. Maximum calculated value = 3.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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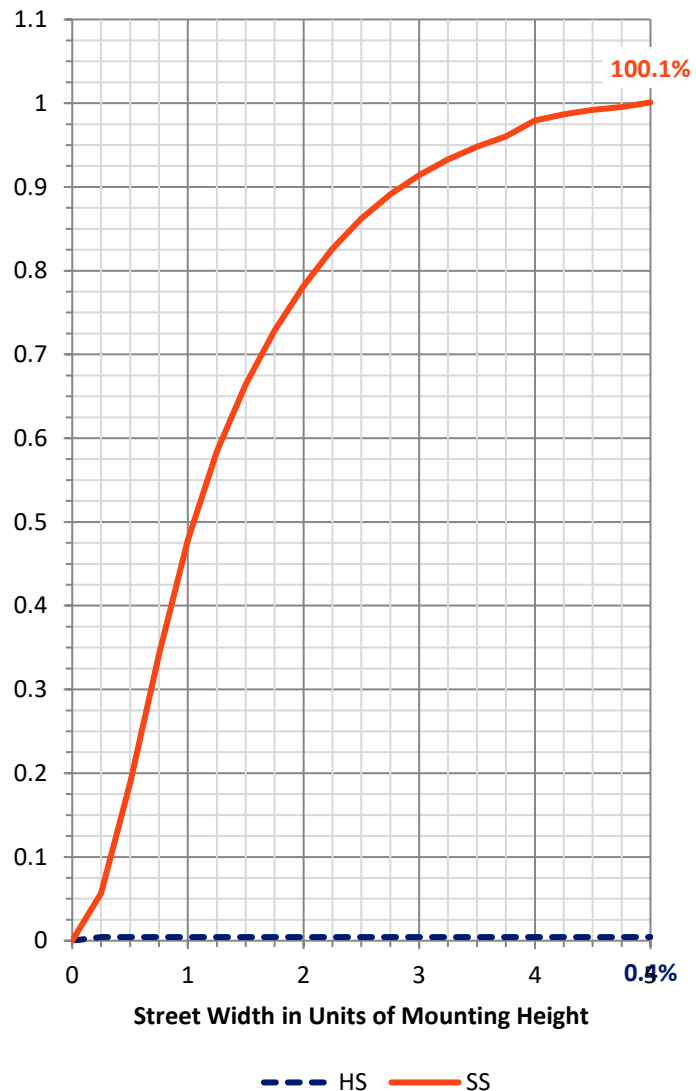
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.1	0.0	13.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	2974.9	0.0	2974.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	2988.0	0.0	2988.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.2
10°-20°	47.7	1.6
20°-30°	143.7	4.8
30°-40°	316.5	10.6
40°-50°	486.3	16.3
50°-60°	598.8	20.0
60°-70°	756.0	25.3
70°-80°	581.5	19.5
80°-90°	51.1	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°	2988.0	100.0
0°-180°	2988.0	100.0



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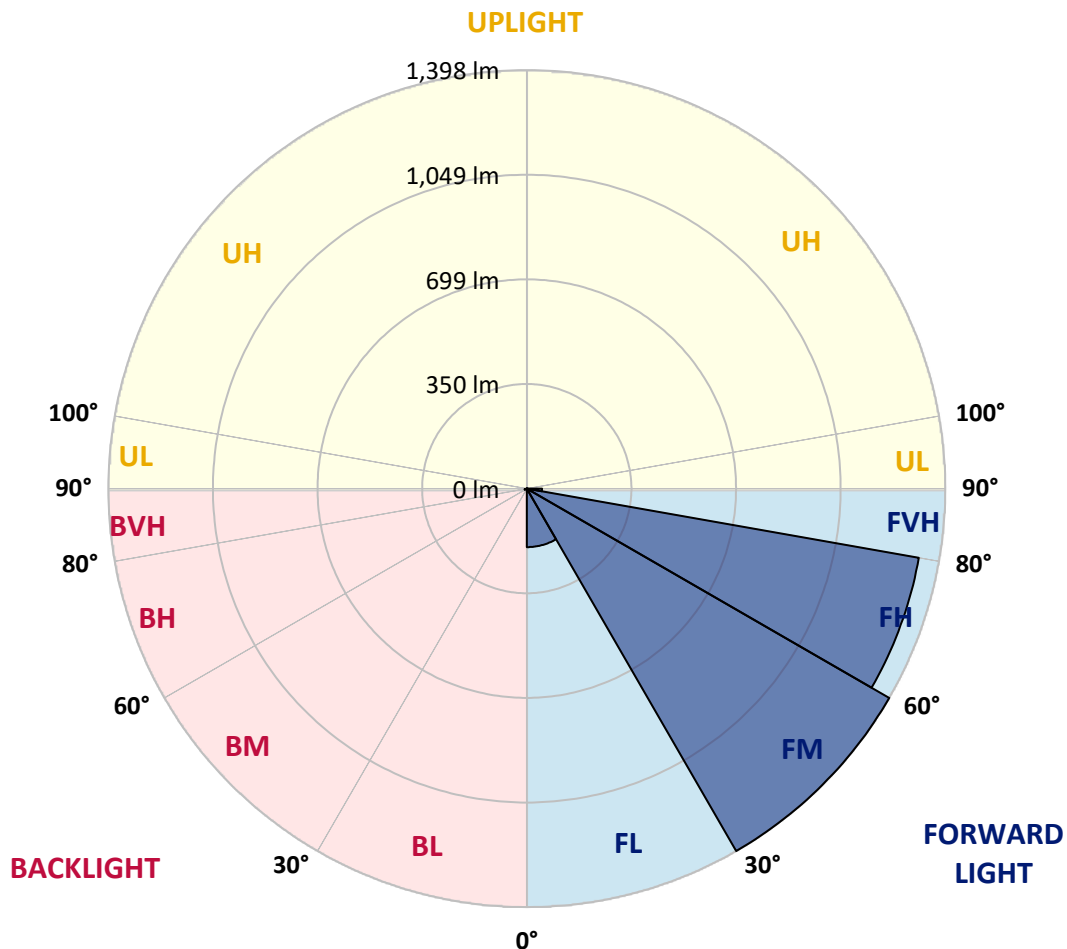
CATALOG NUMBER: GAP-SA1A-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	195.5	6.5			
FM	(30°-60°)	1398.4	46.8			
FH	(60°-80°)	1330.0	44.5			G1/1800
FVH	(80°-90°)	51.0	1.7			G1/100
BL	(0°-30°)	2.2	0.1	B0/110		
BM	(30°-60°)	3.2	0.1	B0/220		
BH	(60°-80°)	7.5	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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CATALOG NUMBER: GAP-SA1A-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	48.8	48.2	46.0	43.2	40.9	39.2	37.0	33.6	30.3	26.3	23.5
5°	127.8	127.2	118.3	107.0	91.9	81.8	71.7	55.5	42.0	32.5	24.7
7.5°	236.5	234.8	226.4	209.1	177.1	159.7	141.2	99.2	64.5	40.4	26.3
10°	344.1	343.0	332.4	307.1	272.4	255.0	230.4	169.3	101.4	52.7	28.6
12.5°	407.5	410.3	402.4	390.6	360.9	344.7	316.7	246.0	155.8	72.3	31.4
15°	459.6	460.7	453.4	446.1	429.9	416.4	392.9	327.9	220.8	98.6	34.7
17.5°	524.0	522.4	514.5	506.1	488.2	478.1	462.9	403.5	290.3	136.2	39.2
20°	605.9	601.4	592.4	577.8	558.2	545.9	530.2	480.9	359.8	177.7	44.8
22.5°	710.7	705.1	695.5	682.1	647.3	628.3	608.1	547.0	436.6	230.4	52.1
25°	831.7	828.9	818.8	799.8	762.8	737.6	705.1	624.4	512.8	286.4	61.1
27.5°	974.1	969.0	955.6	933.2	893.4	860.3	820.0	709.5	585.7	345.8	72.3
30°	1133.3	1122.0	1094.6	1075.0	1028.5	995.9	948.9	822.8	660.8	408.0	84.1
32.5°	1281.2	1266.6	1226.9	1200.0	1156.8	1127.7	1084.5	937.1	745.4	473.0	99.2
35°	1415.2	1399.5	1335.0	1294.1	1272.3	1247.6	1203.9	1067.7	836.8	542.5	116.6
37.5°	1528.4	1512.7	1429.7	1365.3	1351.8	1343.4	1308.1	1178.1	940.5	621.0	136.8
40°	1591.7	1581.6	1509.9	1437.0	1411.2	1401.2	1375.4	1270.6	1055.9	699.5	160.3
42.5°	1611.3	1605.2	1546.9	1511.0	1463.9	1443.8	1412.9	1341.2	1155.1	787.5	187.2
45°	1600.7	1594.0	1551.4	1559.8	1520.5	1481.3	1439.3	1389.4	1238.6	891.1	220.8
47.5°	1555.3	1553.0	1523.9	1571.5	1567.1	1522.2	1470.1	1421.3	1310.4	991.5	262.9
50°	1444.3	1443.2	1456.6	1555.3	1597.9	1555.8	1503.7	1449.9	1367.5	1091.8	316.7
52.5°	1294.7	1302.5	1370.3	1525.0	1606.8	1582.2	1537.4	1482.4	1414.6	1192.1	389.0
55°	1215.6	1222.4	1311.5	1492.0	1605.2	1597.9	1571.5	1513.8	1457.8	1274.5	485.4
57.5°	1275.6	1268.3	1309.2	1487.5	1597.9	1611.3	1596.2	1538.5	1497.0	1347.4	618.8
60°	1389.4	1387.1	1392.2	1519.4	1613.0	1633.2	1622.5	1555.3	1535.7	1402.8	765.6
62.5°	1504.3	1498.1	1503.2	1607.4	1665.7	1679.7	1666.8	1582.7	1565.9	1443.2	924.8
65°	1561.5	1557.0	1580.5	1696.0	1740.8	1750.3	1733.5	1627.0	1571.0	1463.9	1025.1
67.5°	1554.2	1553.0	1608.0	1758.2	1803.6	1809.2	1795.2	1671.3	1549.7	1463.4	1035.7
69°	1520.0	1517.7	1590.0	1764.3	1823.7	1827.7	1804.7	1648.9	1495.9	1425.8	960.1
70°	1479.6	1481.9	1563.7	1753.1	1824.3	1818.7	1765.5	1616.9	1455.0	1382.7	863.7
72.5°	1329.4	1343.4	1455.5	1679.7	1747.5	1684.8	1615.3	1512.1	1377.1	1178.7	603.1
75°	1112.0	1131.6	1276.2	1527.3	1502.6	1471.2	1462.8	1384.3	1247.6	783.0	428.8
77.5°	543.6	608.7	905.7	1173.0	1233.0	1265.0	1253.2	1144.5	1002.7	384.5	279.7
80°	28.6	29.7	47.6	112.1	571.1	726.4	893.4	873.8	758.9	175.4	147.4
82.5°	15.1	15.1	16.8	19.6	23.0	27.5	72.9	500.5	451.2	90.2	54.9
85°	8.4	8.4	10.1	13.5	17.4	20.2	23.0	30.3	97.0	32.5	9.0
87.5°	3.9	5.0	6.7	9.5	12.3	15.7	17.9	22.4	28.6	27.5	1.7
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-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.5°	21.9	20.7	19.1	17.9	17.4	16.3	15.1	14.6	14.0	13.5	14.0
5°	21.9	20.2	17.4	15.7	14.6	12.9	11.8	11.2	10.6	10.1	10.1
7.5°	21.9	19.1	15.7	13.5	11.8	10.6	9.0	8.4	7.8	7.3	7.3
10°	22.4	17.9	14.0	11.8	10.1	8.4	7.3	6.2	5.6	5.6	5.6
12.5°	22.4	16.8	12.3	10.1	8.4	6.7	5.0	3.9	3.4	3.4	3.4
15°	22.4	15.7	11.2	8.4	6.7	5.0	2.8	1.7	1.1	1.1	0.6
17.5°	23.0	15.1	10.1	7.3	5.0	2.8	0.6	0.0	0.0	0.0	0.0
20°	24.1	14.6	9.0	6.2	3.4	1.1	0.0	0.0	0.0	0.0	0.0
22.5°	25.2	14.0	7.8	4.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0
25°	27.5	14.0	7.3	3.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	29.7	14.0	5.6	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	31.4	14.0	5.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	33.6	14.0	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	35.3	13.5	3.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	37.0	12.9	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	39.2	12.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	41.5	11.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.3	10.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	48.2	10.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.8	10.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	63.3	10.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	79.0	10.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	106.5	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	160.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	247.7	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	378.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	480.3	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	433.8	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	367.7	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	204.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	106.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	45.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	13.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	4.5	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	1.1	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.1	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

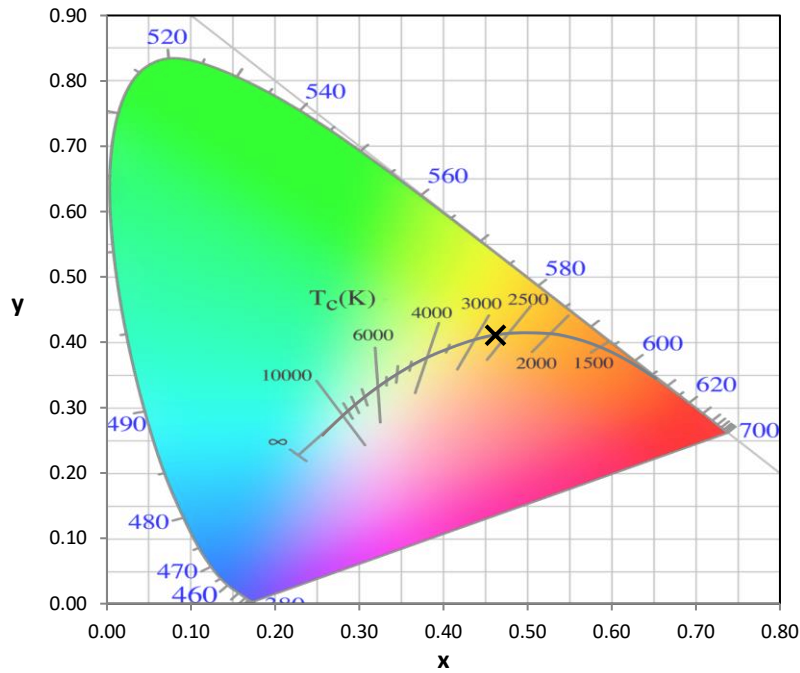
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

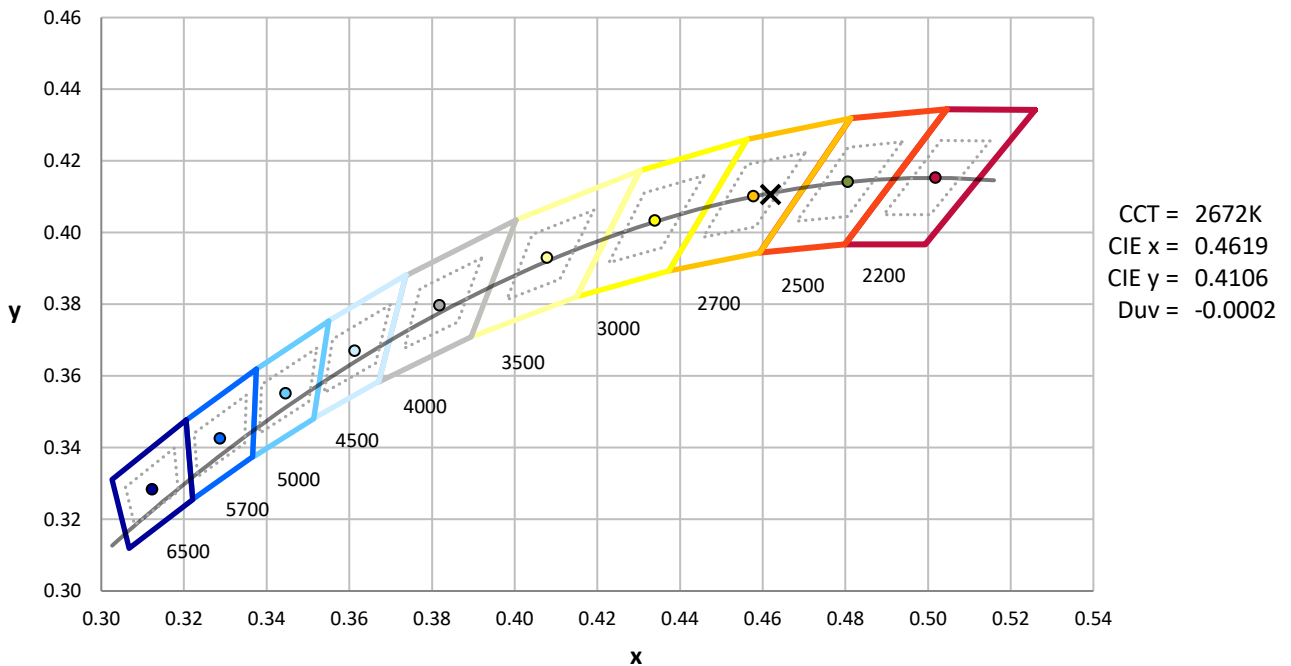
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



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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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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TM-30-18

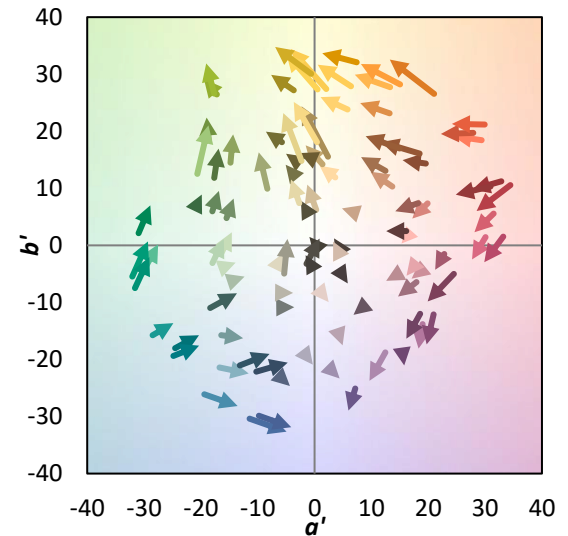
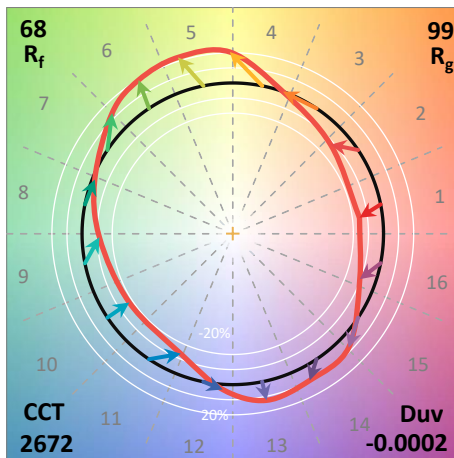
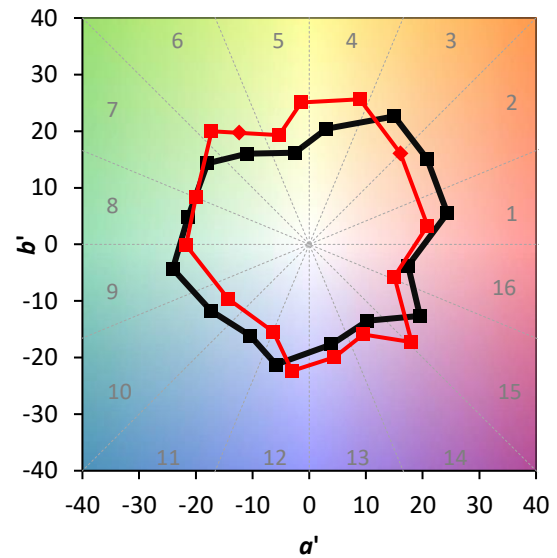
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

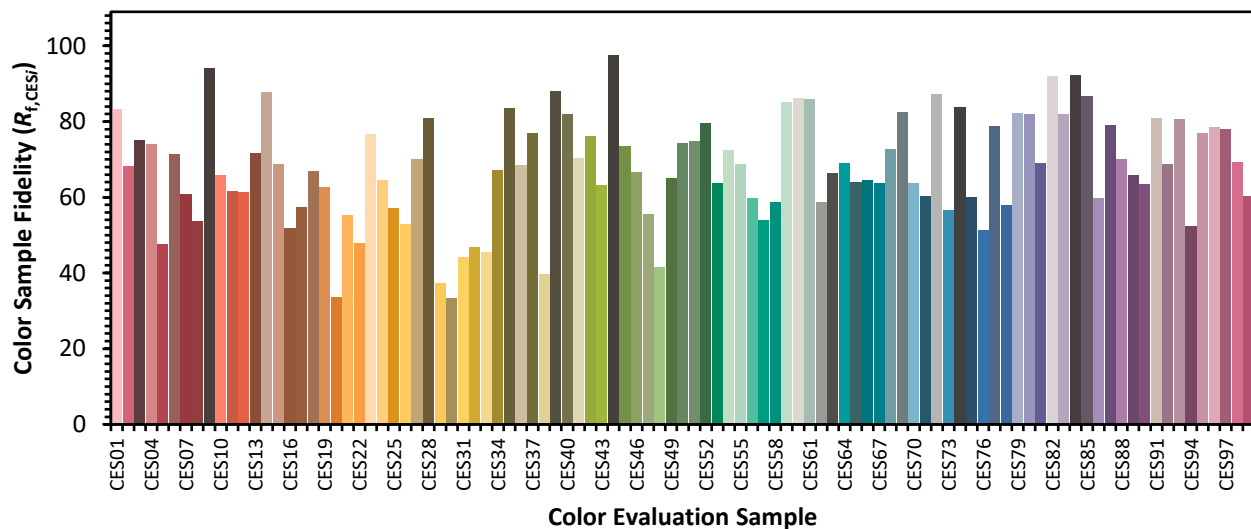


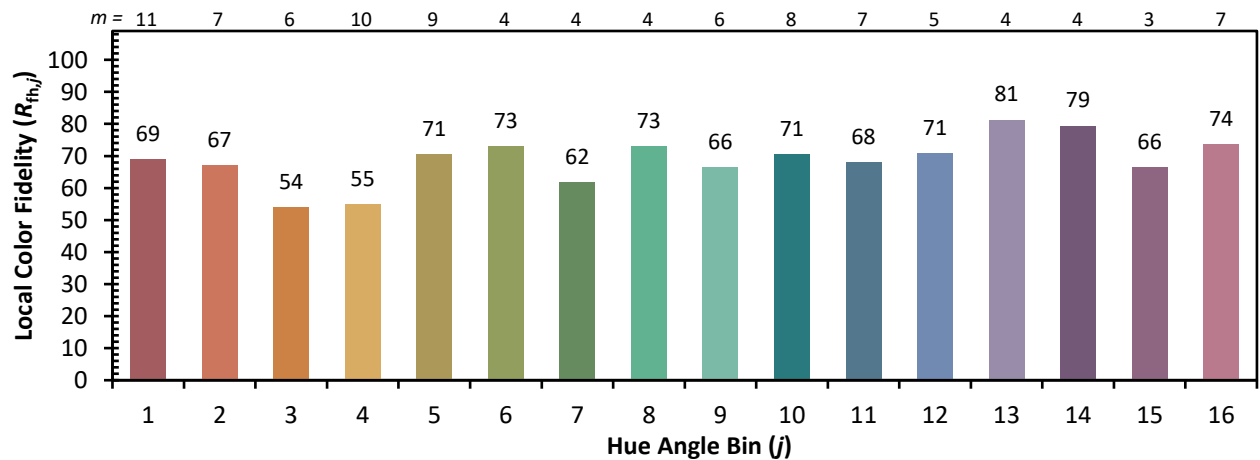
Color Vector Graphics



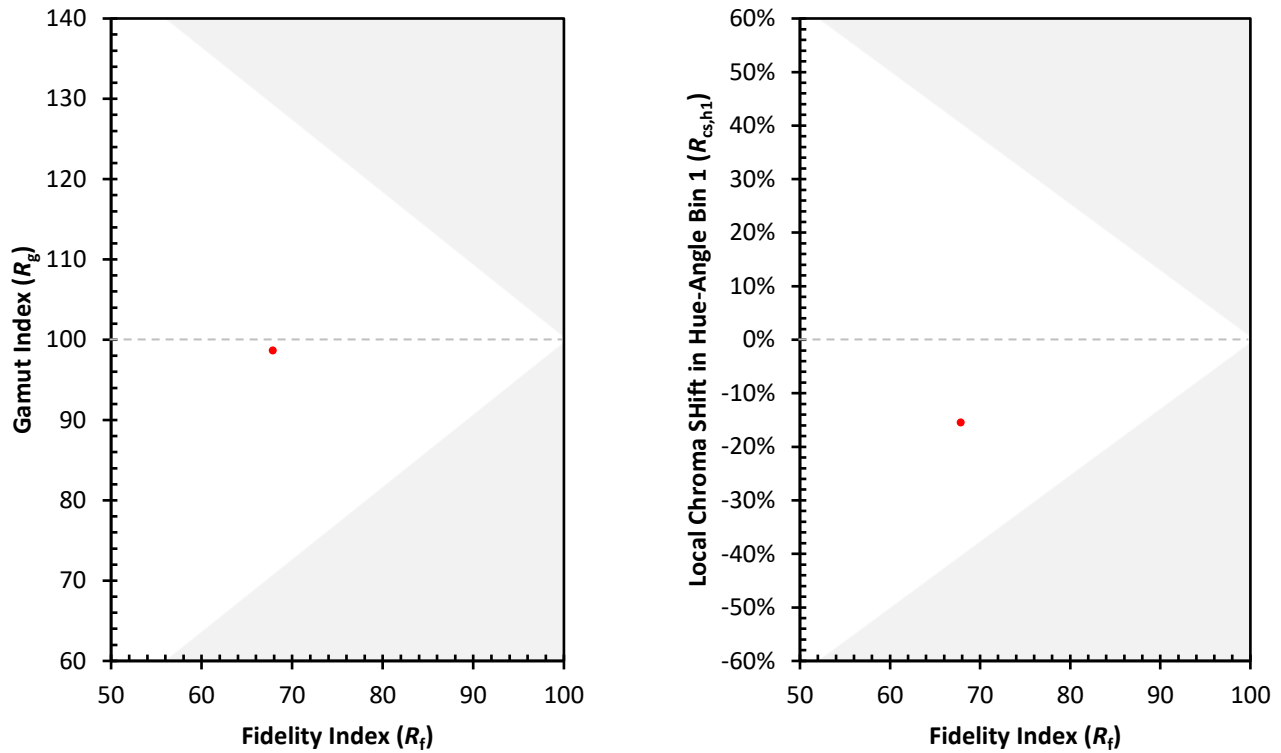
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)