

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: P1057437

Luminaire Tested: **GAP-SA1D-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1057437
Test Lab: INNOVATION CENTER(G1)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAP-SA1D-727-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5260.9 lumens
Efficiency: N/A
Efficacy: 93.8 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.1
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

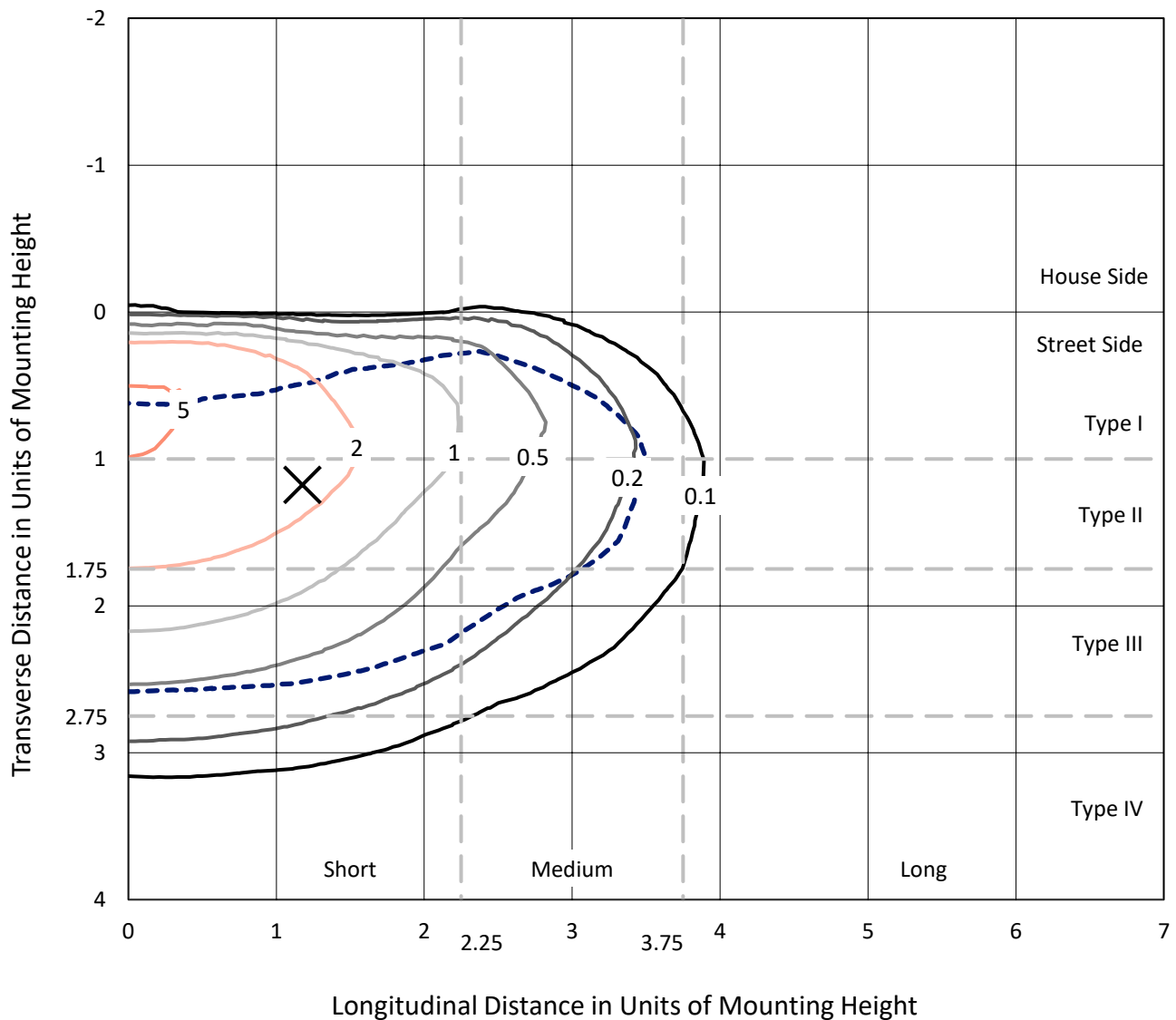


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

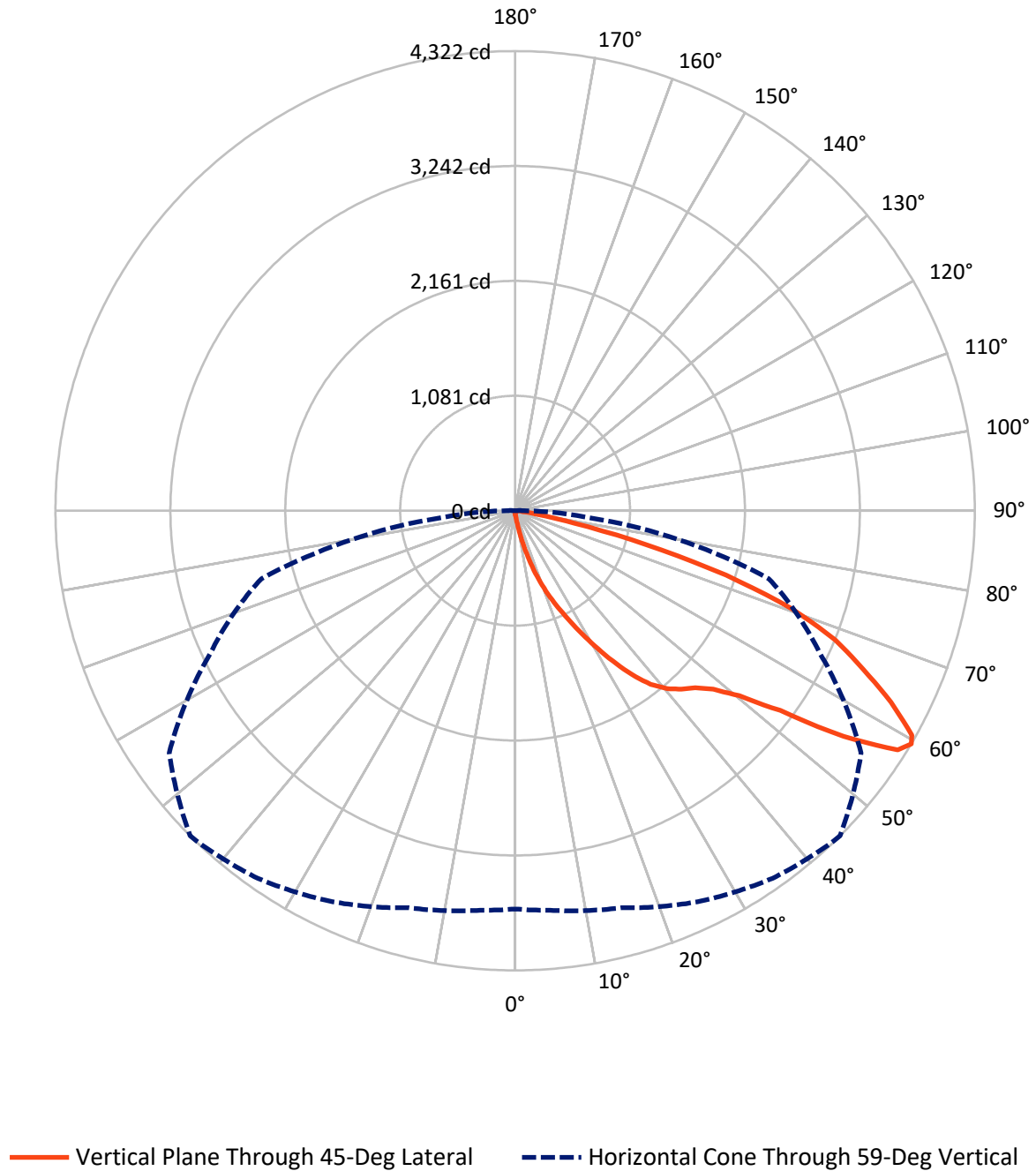


Based on 15 foot mounting height. Maximum calculated value = 5.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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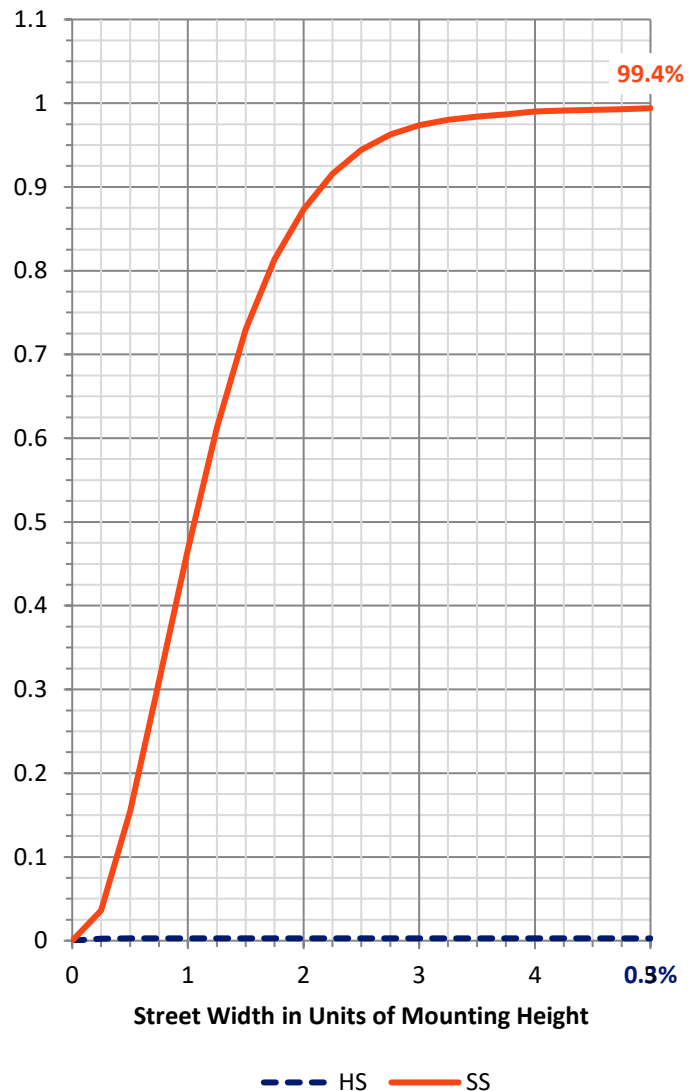
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.3	0.0	14.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	5246.6	0.0	5246.6
	% Fixture	99.7	0.0	99.7
Total	Lumens	5260.9	0.0	5260.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.1	0.1
10°-20°	60.9	1.2
20°-30°	215.3	4.1
30°-40°	496.3	9.4
40°-50°	837.3	15.9
50°-60°	1380.4	26.2
60°-70°	1568.2	29.8
70°-80°	644.8	12.3
80°-90°	52.5	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°	5260.9	100.0
0°-180°	5260.9	100.0



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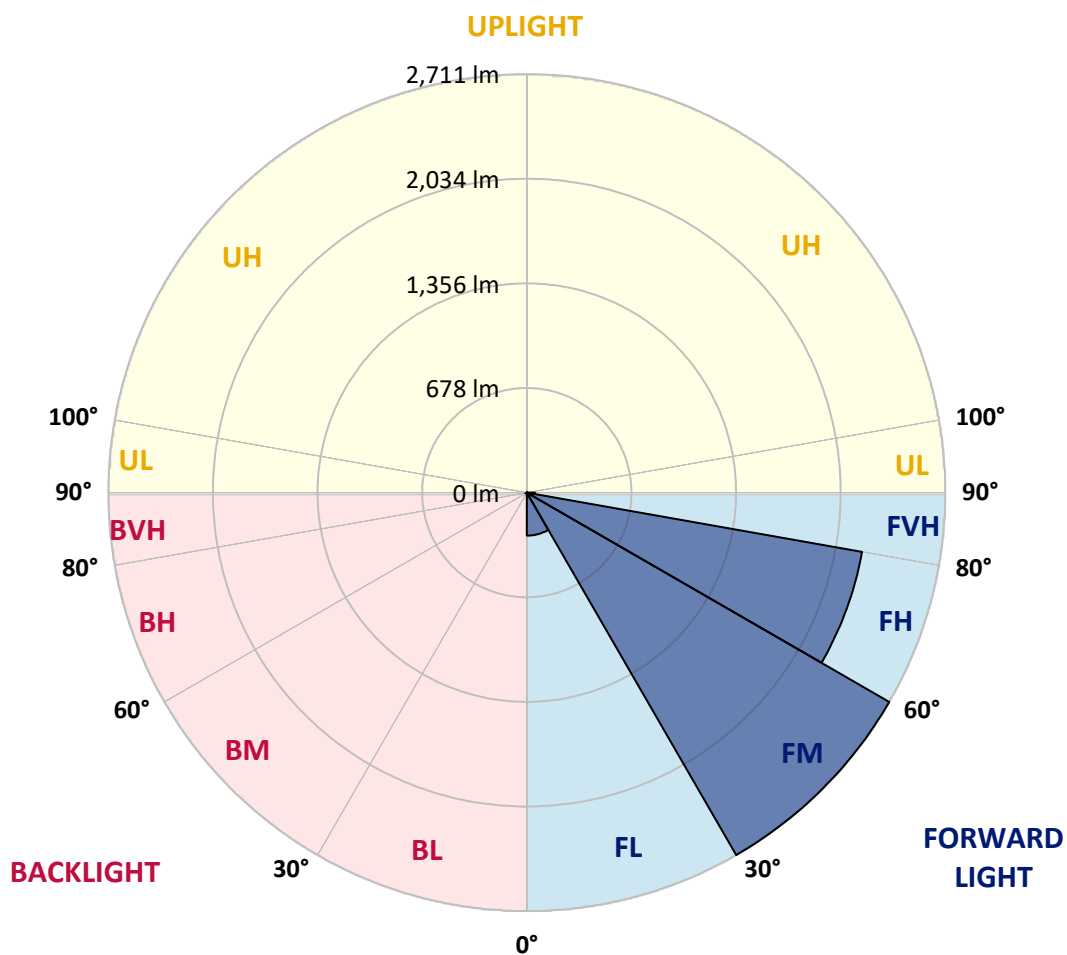
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	278.4	5.3			
FM	(30°-60°)	2711.3	51.5			
FH	(60°-80°)	2204.8	41.9			G2/5000
FVH	(80°-90°)	52.1	1.0			G1/100
BL	(0°-30°)	3.0	0.1	B0/110		
BM	(30°-60°)	2.7	0.1	B0/220		
BH	(60°-80°)	8.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.4	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
2.5°	39.3	39.7	39.3	38.8	37.1	35.4	35.4	34.1	32.9	31.6	30.3
5°	69.1	67.4	65.7	61.9	54.6	48.2	47.4	41.8	37.1	33.7	30.7
7.5°	175.4	170.7	154.5	135.3	102.9	79.0	78.1	59.3	44.8	36.7	31.2
10°	366.2	353.4	328.7	287.7	222.4	162.6	149.8	91.3	58.9	40.6	31.6
12.5°	556.6	557.0	533.6	477.6	397.8	301.8	285.1	165.2	84.1	47.4	32.0
15°	723.9	719.7	699.2	659.5	573.3	462.3	447.3	283.9	127.2	56.8	32.9
17.5°	852.0	846.0	833.6	806.7	743.6	634.3	618.5	428.1	197.2	69.1	33.3
20°	1002.2	998.0	982.2	945.0	887.4	800.3	777.7	586.1	300.5	89.6	34.1
22.5°	1188.4	1176.0	1156.8	1109.4	1038.1	944.6	936.9	746.6	427.3	121.7	35.9
25°	1403.5	1386.0	1363.4	1303.6	1215.7	1102.1	1092.7	904.1	563.9	169.9	38.4
27.5°	1664.3	1648.1	1607.5	1530.3	1424.8	1289.1	1278.4	1065.0	715.4	235.6	41.8
30°	1946.9	1926.0	1858.9	1758.6	1658.3	1497.8	1472.2	1229.8	866.9	317.6	46.5
32.5°	2210.2	2183.3	2100.5	1981.9	1876.9	1707.4	1684.8	1415.9	1026.2	415.3	53.8
35°	2443.7	2412.1	2297.3	2168.0	2062.5	1913.1	1892.7	1596.9	1180.7	526.3	62.7
37.5°	2629.4	2608.5	2449.7	2303.7	2217.9	2085.6	2071.9	1791.1	1352.7	654.4	75.1
40°	2821.1	2793.3	2606.8	2422.8	2325.5	2215.4	2199.1	1947.3	1517.9	792.7	90.5
42.5°	2983.3	2957.2	2781.8	2586.7	2434.8	2303.7	2293.5	2078.3	1678.0	936.5	110.6
45°	3154.9	3131.4	2974.3	2821.5	2593.6	2391.7	2374.1	2186.8	1834.2	1104.7	137.0
47.5°	3390.5	3359.3	3209.5	3092.1	2831.3	2527.0	2507.3	2293.0	1992.5	1280.6	173.7
50°	3685.4	3662.8	3554.4	3460.9	3184.3	2773.7	2731.9	2430.9	2142.8	1482.0	221.5
52.5°	3971.9	3964.2	3971.9	3938.6	3728.1	3201.8	3120.3	2662.7	2334.0	1692.5	283.9
55°	4007.7	4031.2	4123.8	4230.5	4195.5	3815.2	3746.5	3015.7	2570.5	1958.0	379.0
57.5°	3877.9	3891.2	4009.4	4197.7	4310.8	4252.7	4244.2	3600.1	2904.3	2273.4	522.0
59°	3745.2	3771.2	3865.6	4057.7	4219.9	4315.5	4322.3	3971.0	3158.3	2469.8	639.9
60°	3671.4	3679.5	3752.5	3941.5	4115.7	4266.8	4286.4	4161.0	3358.5	2617.9	745.3
62.5°	3438.3	3442.6	3481.8	3630.8	3784.9	3924.0	3965.5	4276.6	3914.2	2989.2	1117.9
65°	3133.5	3139.1	3198.4	3341.4	3488.2	3581.7	3599.2	3952.2	4207.1	3376.0	1638.3
67.5°	2584.2	2615.3	2690.9	2916.3	3122.8	3234.7	3247.5	3380.2	4047.0	3637.6	1913.6
70°	1749.7	1720.2	1907.6	2221.3	2594.8	2763.0	2763.9	2821.9	3445.1	3573.2	1595.6
72.5°	764.1	811.0	947.6	1223.8	1676.2	2081.8	2073.2	2270.4	2747.6	3035.8	1186.2
75°	335.5	346.2	403.8	550.2	762.4	1130.7	1260.9	1822.7	2068.1	1985.3	862.7
77.5°	180.6	183.1	198.5	230.1	291.5	534.0	563.9	1154.6	1466.2	1144.4	557.5
80°	68.7	68.7	71.7	82.4	121.7	208.7	224.1	521.6	1011.6	584.8	281.7
82.5°	43.1	42.3	42.7	43.1	49.5	71.3	76.0	207.4	477.6	288.6	74.3
85°	21.8	22.6	25.2	30.3	35.9	44.0	45.2	64.9	145.1	67.4	19.2
87.5°	14.1	14.5	15.8	20.5	25.2	32.0	32.9	45.2	57.6	47.4	3.8
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-SA1D-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
2.5°	29.9	29.0	27.7	26.5	25.2	23.0	21.3	20.5	20.1	19.6	19.6
5°	29.5	28.2	25.6	23.5	21.3	18.8	16.6	15.4	14.9	14.5	14.5
7.5°	29.0	26.9	23.9	20.9	17.9	14.9	12.4	11.1	10.7	10.2	9.8
10°	28.6	26.0	21.8	18.4	14.9	11.5	9.0	7.3	6.8	6.4	6.4
12.5°	28.2	24.8	20.1	16.2	12.0	8.1	6.0	4.3	3.4	3.0	3.0
15°	27.7	23.5	18.8	13.7	9.0	5.1	2.6	1.3	0.4	0.4	0.4
17.5°	26.5	22.2	16.6	10.7	6.0	2.6	0.9	0.0	0.0	0.0	0.0
20°	25.6	20.9	14.5	8.1	3.4	1.3	0.0	0.0	0.0	0.0	0.0
22.5°	25.2	20.1	12.4	5.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0
25°	25.2	19.2	10.2	4.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	25.6	18.4	8.1	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
30°	24.8	17.5	6.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	24.8	15.8	4.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	25.2	13.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	26.5	12.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	28.6	11.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	31.6	10.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	35.0	10.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	40.1	11.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	46.1	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	52.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	60.2	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	70.0	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	80.2	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	90.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	146.8	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	288.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	492.6	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	523.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	343.6	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	175.0	6.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	78.5	6.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.6	3.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.8	2.6	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.1	2.6	1.7	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	2.6	2.1	1.7	0.9	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

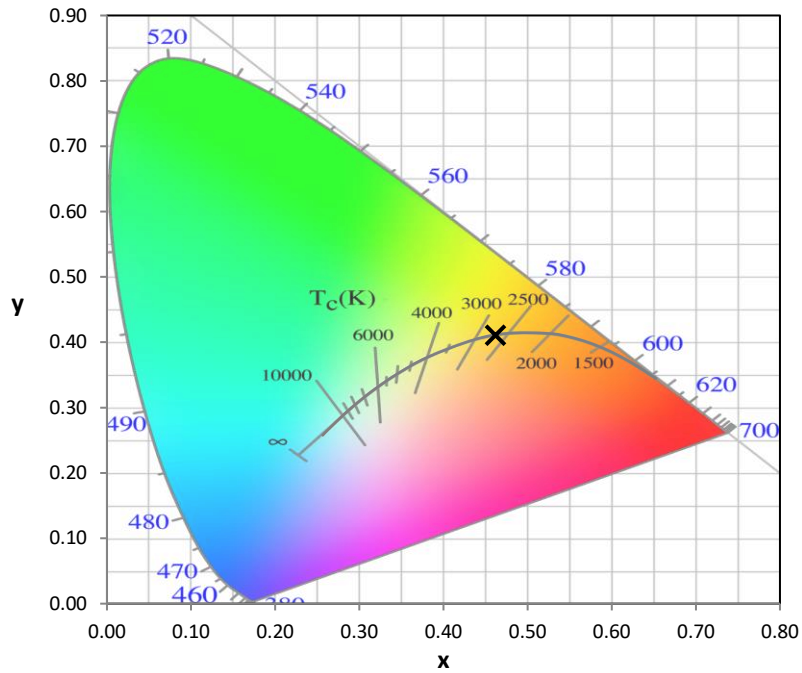
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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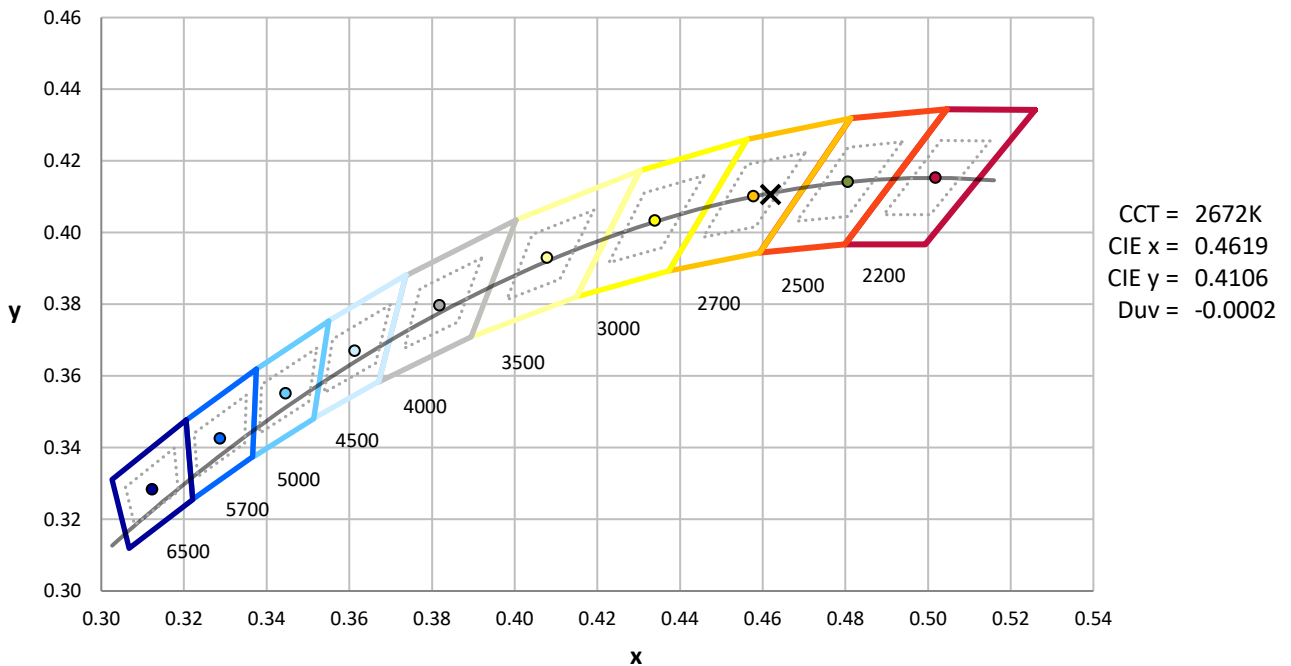
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 2700K 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	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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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 W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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

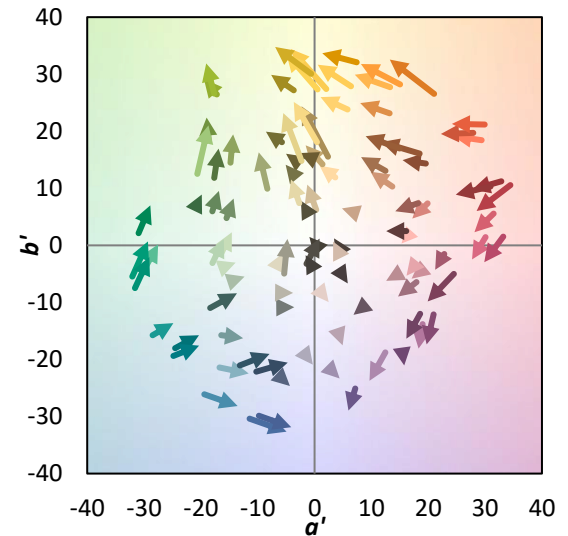
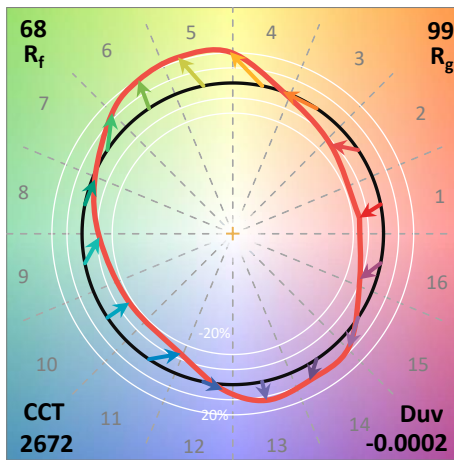
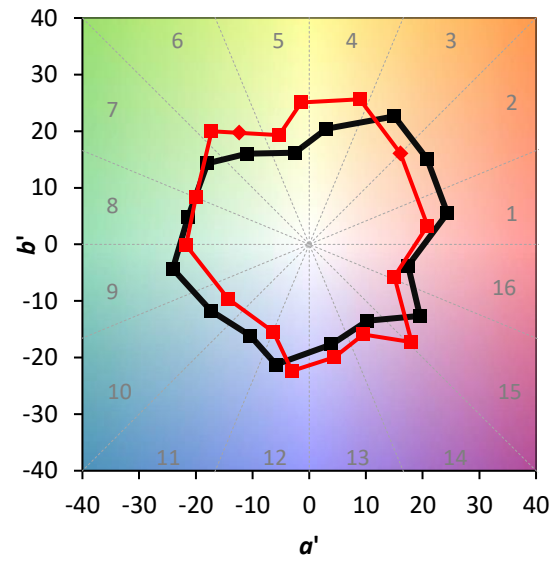
Summary

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

Spectral Power Distribution Comparison

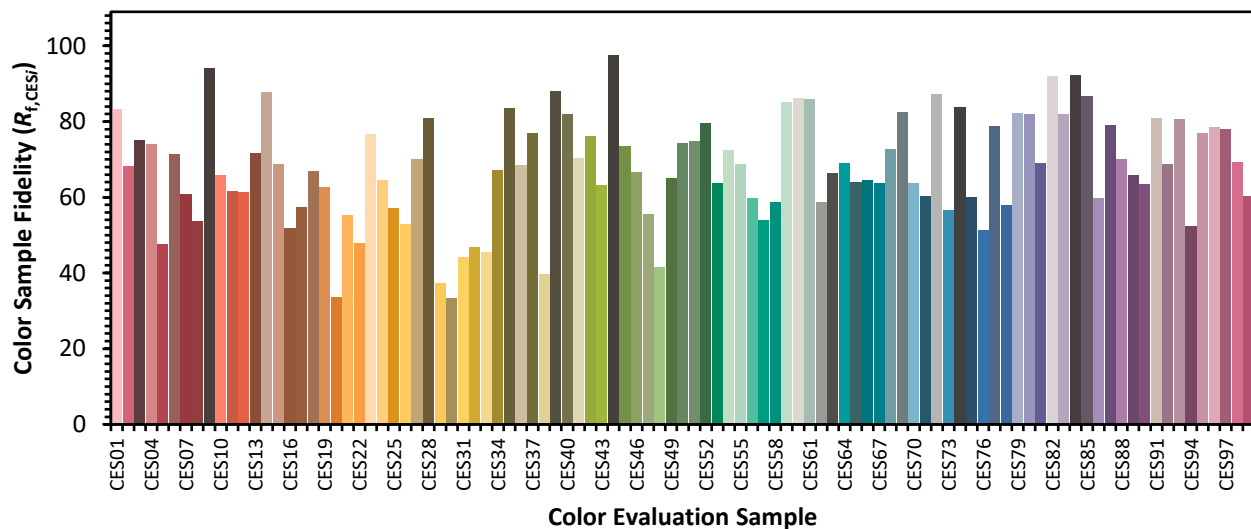


Color Vector Graphics

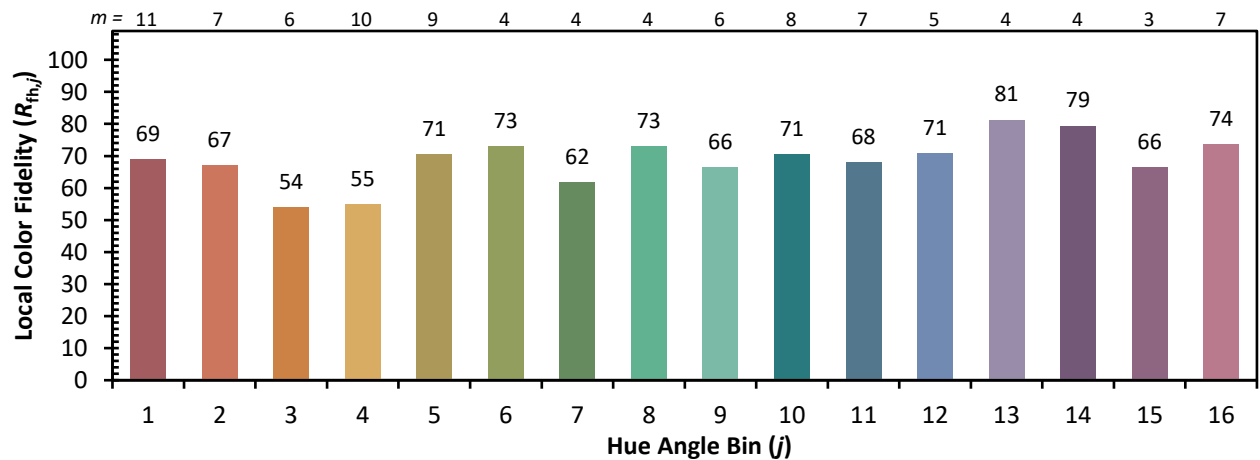


Individual Sample Fidelity Index ($R_{f,i}$)

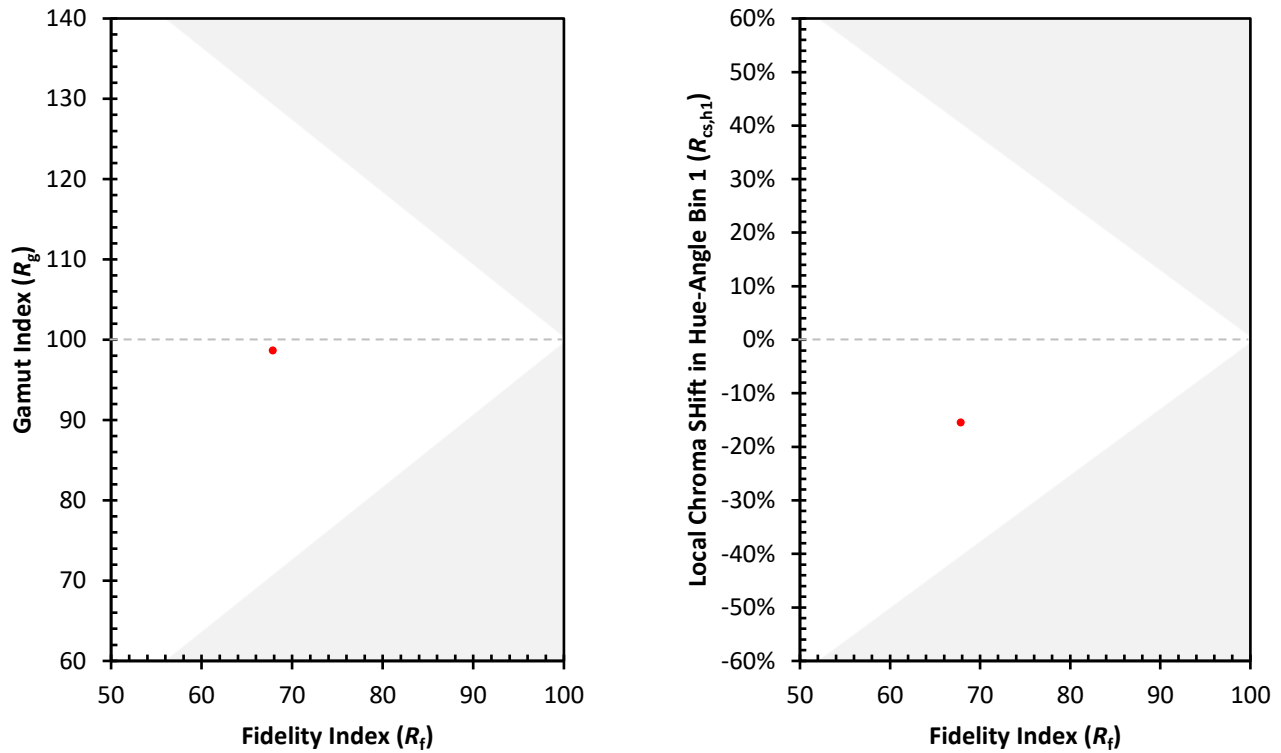
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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)