

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: P1063959

Luminaire Tested: **GLAN-SA4C-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063959
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20712.1 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

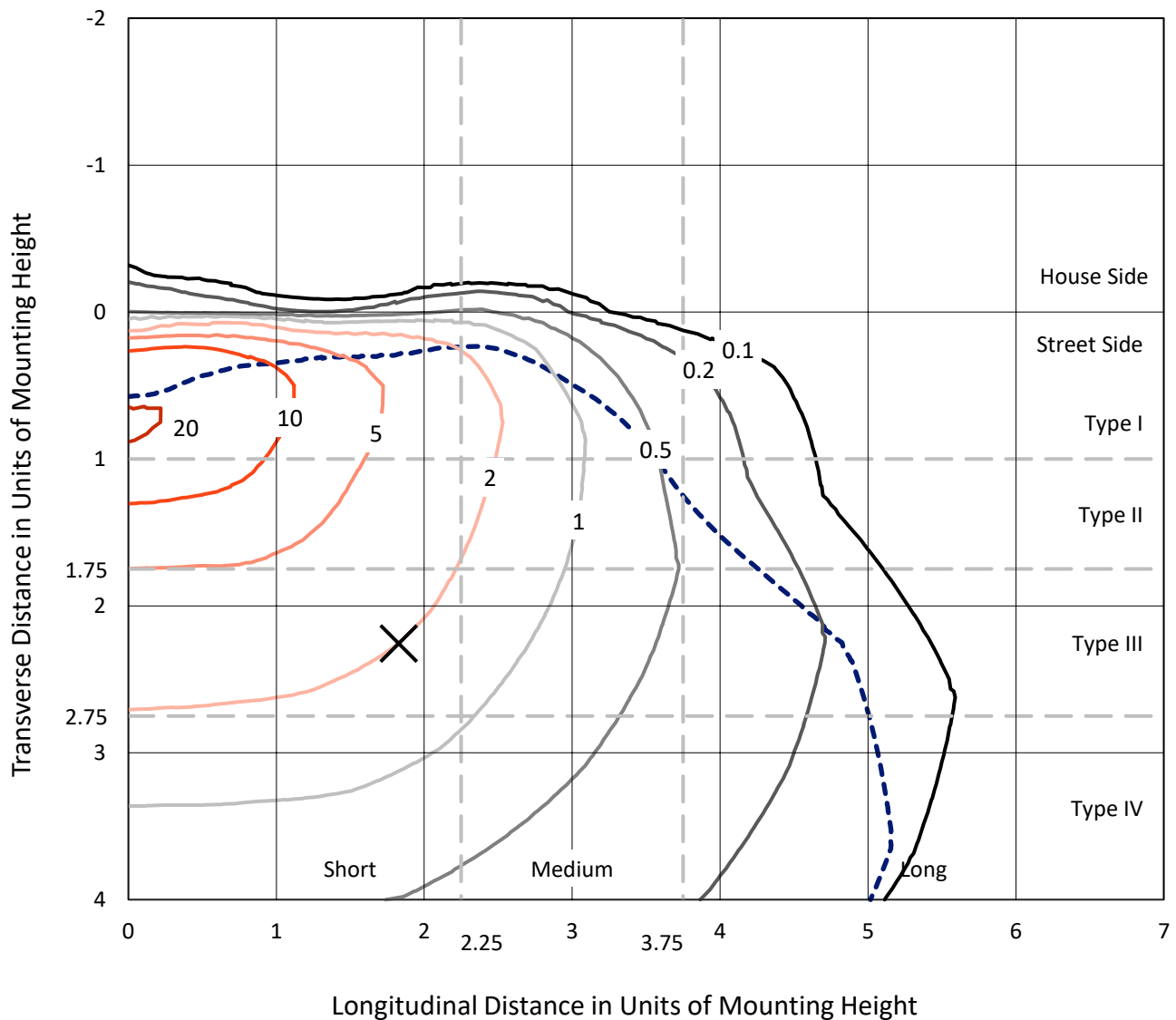


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

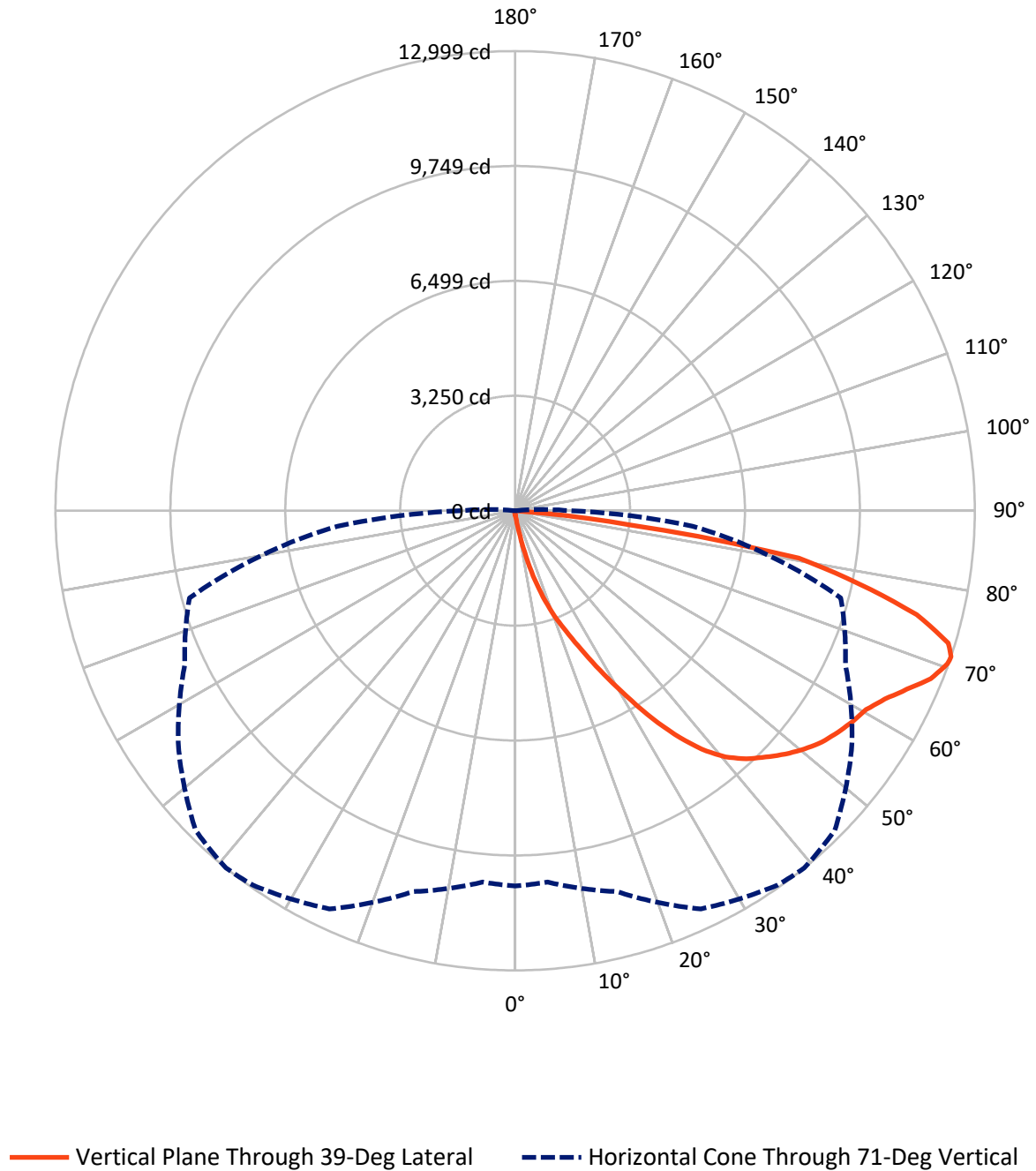


Based on 15 foot mounting height. Maximum calculated value = 21.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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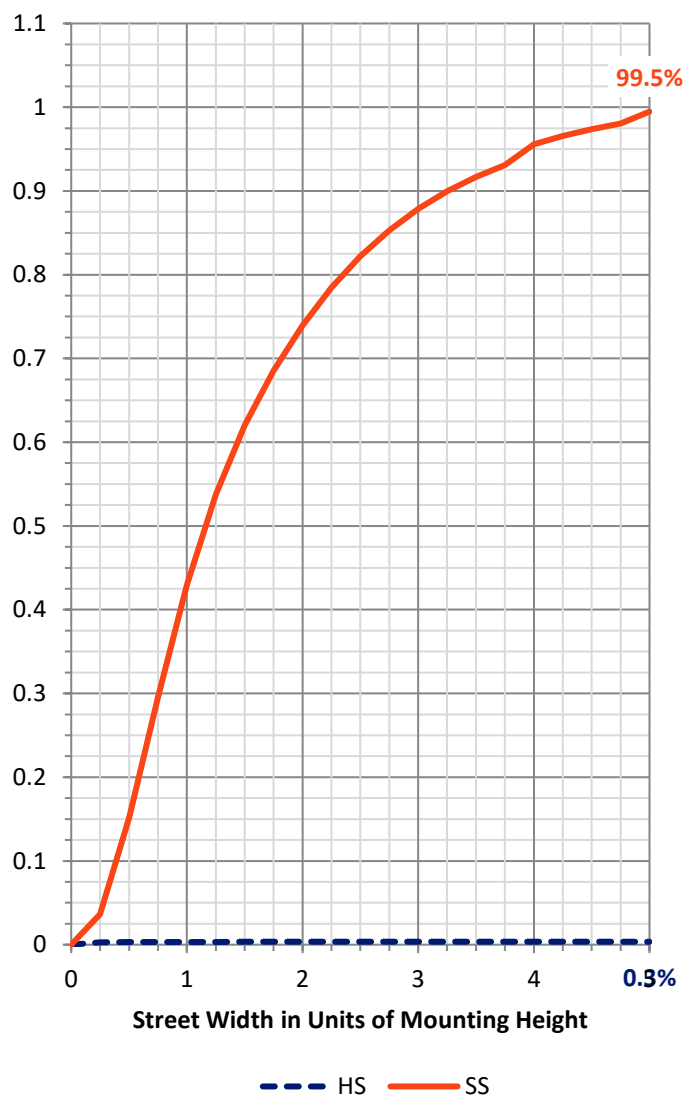
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	73.6	0.0	73.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20638.5	0.0	20638.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	20712.1	0.0	20712.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	221.4	1.1
20°-30°	788.4	3.8
30°-40°	1900.0	9.2
40°-50°	3179.8	15.4
50°-60°	4084.1	19.7
60°-70°	5168.4	25.0
70°-80°	4607.9	22.2
80°-90°	744.8	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°	20712.1	100.0
0°-180°	20712.1	100.0



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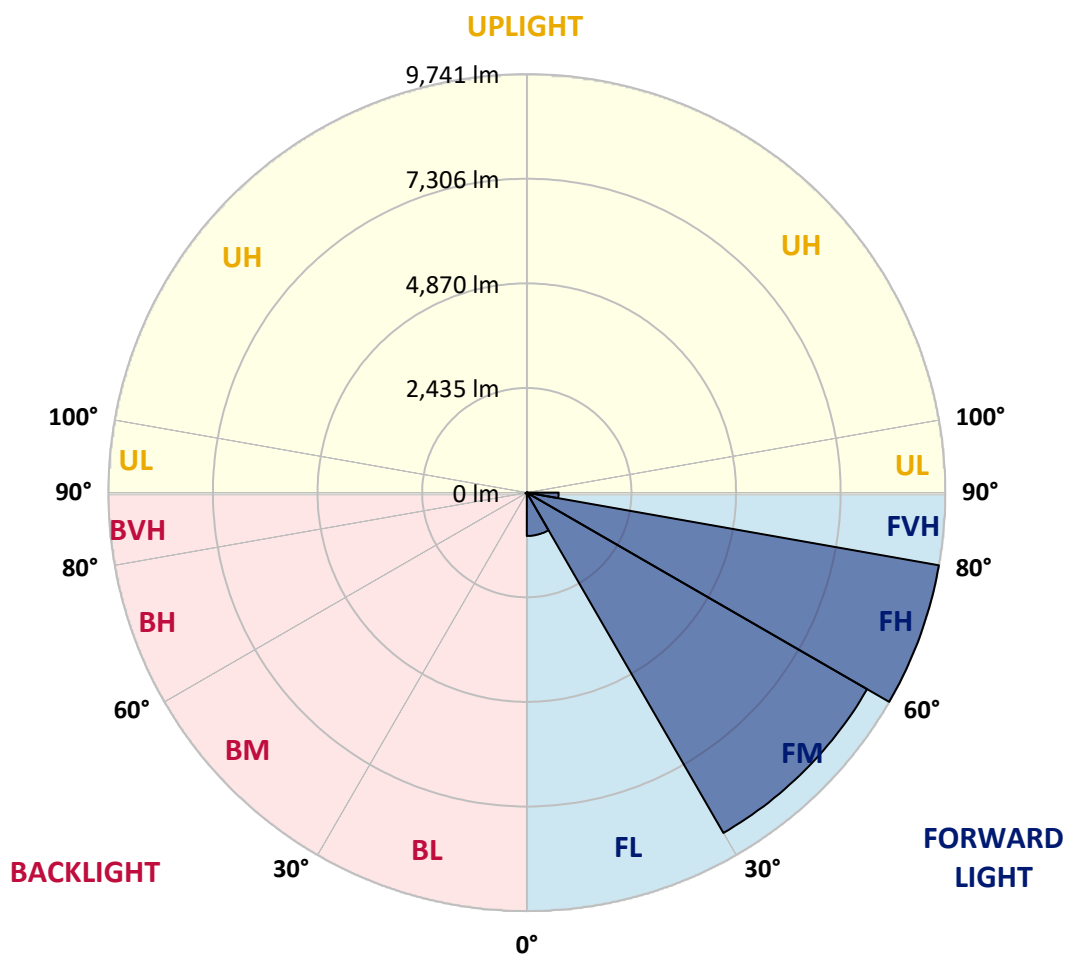
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1009.2	4.9			
FM	(30°-60°)	9146.9	44.2			
FH	(60°-80°)	9740.9	47.0			G4/12000
FVH	(80°-90°)	741.5	3.6			G4/750
BL	(0°-30°)	17.8	0.1	B0/110		
BM	(30°-60°)	17.0	0.1	B0/220		
BH	(60°-80°)	35.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6
2.5°	130.4	130.4	130.4	126.2	126.2	124.8	123.4	123.4	120.6	119.2	116.4
5°	197.7	193.5	183.7	178.1	166.8	159.8	152.8	143.0	133.2	126.2	117.8
7.5°	447.3	457.1	424.8	364.5	302.9	276.2	231.3	186.5	154.2	133.2	119.2
10°	1139.9	1134.3	1024.9	904.4	698.2	615.5	482.3	304.3	199.1	145.8	120.6
12.5°	1939.1	1933.5	1804.5	1640.5	1368.4	1196.0	943.6	567.8	286.0	165.4	120.6
15°	2610.7	2588.3	2547.6	2385.0	2066.7	1922.3	1588.6	1003.9	462.7	199.1	123.4
17.5°	3055.2	3035.5	2997.7	2938.8	2736.9	2565.8	2298.0	1577.4	748.7	258.0	129.0
20°	3463.2	3449.2	3418.3	3407.1	3276.7	3185.6	2964.0	2236.3	1166.5	350.5	137.4
22.5°	4024.0	3994.6	4007.2	3939.9	3812.3	3702.9	3566.9	2926.2	1676.9	504.8	152.8
25°	4711.0	4697.0	4662.0	4614.3	4437.6	4342.3	4133.4	3576.8	2247.6	706.7	169.7
27.5°	5541.1	5525.7	5517.3	5407.9	5204.6	5100.8	4809.2	4190.9	2889.7	989.9	192.1
30°	6497.3	6504.3	6449.6	6309.4	6072.5	5926.7	5626.6	4834.4	3547.3	1322.2	215.9
32.5°	7487.2	7473.2	7389.1	7223.6	7011.9	6875.9	6494.5	5539.7	4237.1	1761.0	244.0
35°	8554.2	8527.6	8306.0	8116.7	7935.9	7764.8	7417.1	6358.5	4927.0	2253.2	281.8
37.5°	9631.0	9506.2	9061.8	8822.0	8697.2	8557.0	8233.1	7232.0	5612.6	2802.8	328.1
40°	10444.2	10347.5	9820.3	9378.6	9279.1	9159.9	8918.7	7986.3	6341.7	3393.1	384.2
42.5°	10894.3	10841.0	10367.1	9931.1	9696.9	9591.7	9385.6	8645.3	7062.4	4045.1	465.5
45°	11086.4	11003.7	10686.8	10483.5	10110.5	9936.7	9691.3	9143.1	7815.3	4785.4	579.1
47.5°	11027.5	10979.8	10752.7	10827.0	10556.4	10285.8	9925.4	9524.4	8458.9	5635.0	734.7
50°	10657.3	10616.7	10546.6	10949.0	10915.3	10595.7	10228.3	9825.9	8984.6	6511.3	975.9
52.5°	9953.5	9936.7	10116.1	10853.6	11118.6	10869.1	10519.9	10092.3	9475.4	7426.9	1320.8
55°	9046.3	9115.0	9628.2	10705.0	11222.4	11071.0	10777.9	10341.9	9869.4	8245.7	1829.7
57.5°	8673.4	8691.6	9332.4	10599.9	11268.7	11249.0	11028.9	10580.2	10231.1	8900.5	2606.5
60°	9109.4	9081.4	9419.3	10679.8	11361.2	11408.9	11251.8	10801.8	10545.2	9462.8	3641.2
62.5°	9897.4	9882.0	9989.9	11020.5	11631.8	11728.5	11561.7	10961.6	10822.8	9832.9	4821.8
65°	10601.3	10569.0	10769.5	11624.8	12107.1	12175.8	12030.0	11235.0	10944.8	10102.1	5930.9
67.5°	10905.5	10898.5	11221.0	12199.7	12606.3	12680.6	12553.0	11612.2	10916.7	10187.6	6420.2
70°	10766.7	10740.1	11256.0	12443.6	12888.1	12972.2	12848.8	11752.4	10612.5	9917.0	5695.3
71°	10613.9	10542.4	11150.9	12426.8	12927.3	12998.8	12782.9	11624.8	10306.8	9532.9	5037.7
72.5°	10140.0	10152.6	10862.0	12251.5	12833.4	12812.4	12410.0	11167.7	9938.1	8660.8	4046.5
75°	8973.4	9047.7	9926.9	11515.4	11994.9	11727.1	11111.6	10294.2	9197.8	6209.9	2809.8
77.5°	7333.0	7443.7	8409.8	10099.3	9963.3	9936.7	9911.4	9070.2	7854.6	3335.6	1954.5
80°	3501.0	3740.8	5072.8	7209.6	7832.1	8133.6	7944.3	7309.1	6073.9	1588.6	1167.9
82.5°	228.5	225.7	319.7	605.7	2553.2	3300.5	5243.8	5224.2	4234.3	774.0	476.7
85°	108.0	110.8	122.0	138.8	161.2	176.7	244.0	1430.1	2026.0	368.8	103.8
87.5°	63.1	64.5	75.7	96.7	126.2	140.2	166.8	214.5	263.6	203.3	22.4
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: GLAN-SA4C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6	113.6
2.5°	115.0	113.6	109.4	105.2	101.0	98.1	96.7	98.1	98.1	99.5	99.5
5°	115.0	110.8	103.8	95.3	89.7	84.1	81.3	79.9	81.3	81.3	81.3
7.5°	113.6	106.6	96.7	86.9	79.9	72.9	70.1	68.7	68.7	70.1	70.1
10°	110.8	103.8	91.1	79.9	71.5	63.1	58.9	54.7	54.7	54.7	56.1
12.5°	109.4	99.5	84.1	72.9	61.7	51.9	43.5	39.3	40.7	40.7	40.7
15°	106.6	95.3	79.9	65.9	51.9	39.3	32.2	28.0	29.4	30.8	29.4
17.5°	106.6	93.9	74.3	57.5	40.7	29.4	23.8	21.0	21.0	22.4	22.4
20°	106.6	91.1	70.1	49.1	30.8	22.4	16.8	15.4	15.4	18.2	19.6
22.5°	109.4	91.1	64.5	40.7	25.2	16.8	12.6	11.2	12.6	15.4	16.8
25°	113.6	89.7	58.9	36.5	21.0	12.6	9.8	7.0	8.4	11.2	12.6
27.5°	117.8	88.3	53.3	32.2	16.8	9.8	7.0	5.6	4.2	5.6	5.6
30°	122.0	88.3	47.7	26.6	14.0	7.0	4.2	2.8	1.4	0.0	0.0
32.5°	124.8	85.5	43.5	21.0	11.2	5.6	2.8	1.4	0.0	0.0	0.0
35°	127.6	82.7	37.9	16.8	8.4	4.2	1.4	0.0	0.0	0.0	0.0
37.5°	130.4	78.5	32.2	14.0	7.0	2.8	0.0	0.0	0.0	0.0	0.0
40°	133.2	72.9	26.6	12.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	136.0	68.7	22.4	9.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	143.0	65.9	18.2	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	155.6	63.1	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	173.9	60.3	15.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	199.1	58.9	14.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	244.0	57.5	12.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	321.1	56.1	12.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	492.1	53.3	12.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	879.1	51.9	11.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1532.5	53.3	11.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2197.1	56.1	9.8	4.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	1880.2	49.1	9.8	5.6	2.8	1.4	0.0	0.0	0.0	0.0	0.0
71°	1532.5	43.5	9.8	5.6	2.8	1.4	1.4	0.0	0.0	0.0	0.0
72.5°	985.7	33.7	8.4	5.6	2.8	2.8	1.4	0.0	0.0	0.0	0.0
75°	416.4	28.0	8.4	5.6	4.2	2.8	2.8	1.4	0.0	0.0	0.0
77.5°	178.1	21.0	8.4	7.0	5.6	4.2	4.2	2.8	1.4	0.0	0.0
80°	67.3	16.8	9.8	8.4	7.0	7.0	5.6	2.8	1.4	0.0	0.0
82.5°	30.8	14.0	9.8	8.4	8.4	7.0	5.6	4.2	2.8	0.0	0.0
85°	19.6	12.6	9.8	8.4	8.4	7.0	7.0	4.2	2.8	0.0	0.0
87.5°	15.4	12.6	9.8	9.8	8.4	8.4	5.6	4.2	1.4	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

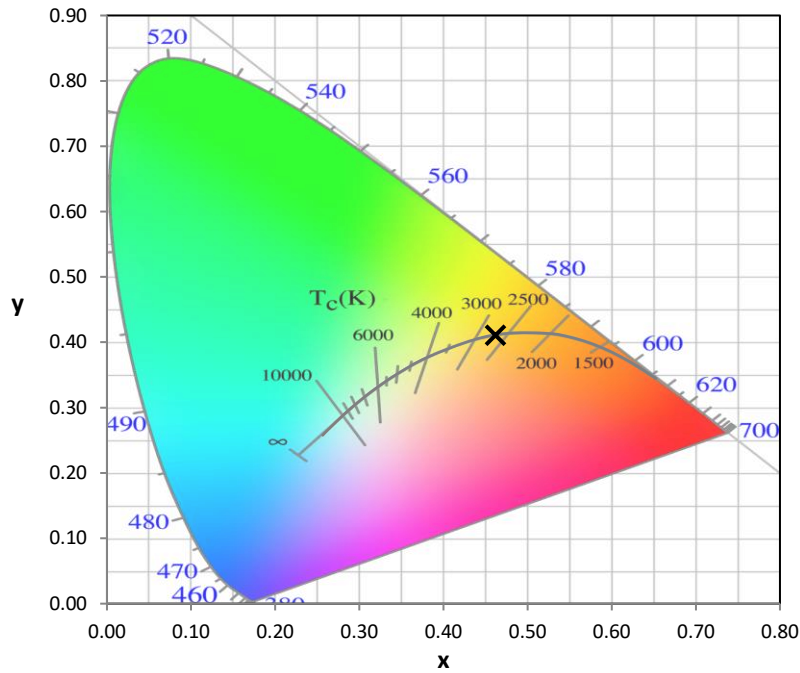
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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 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	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

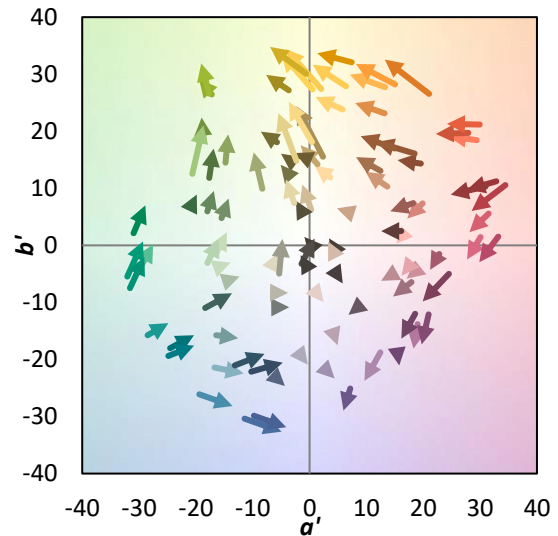
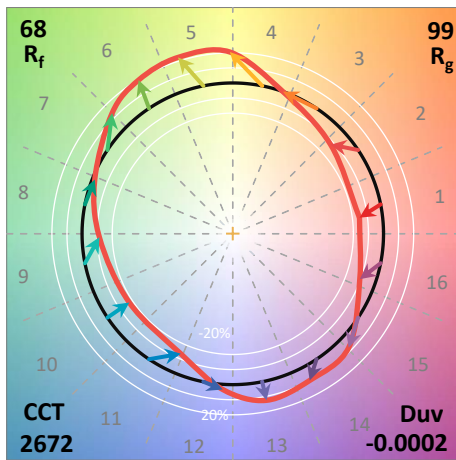
Summary

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

Spectral Power Distribution Comparison

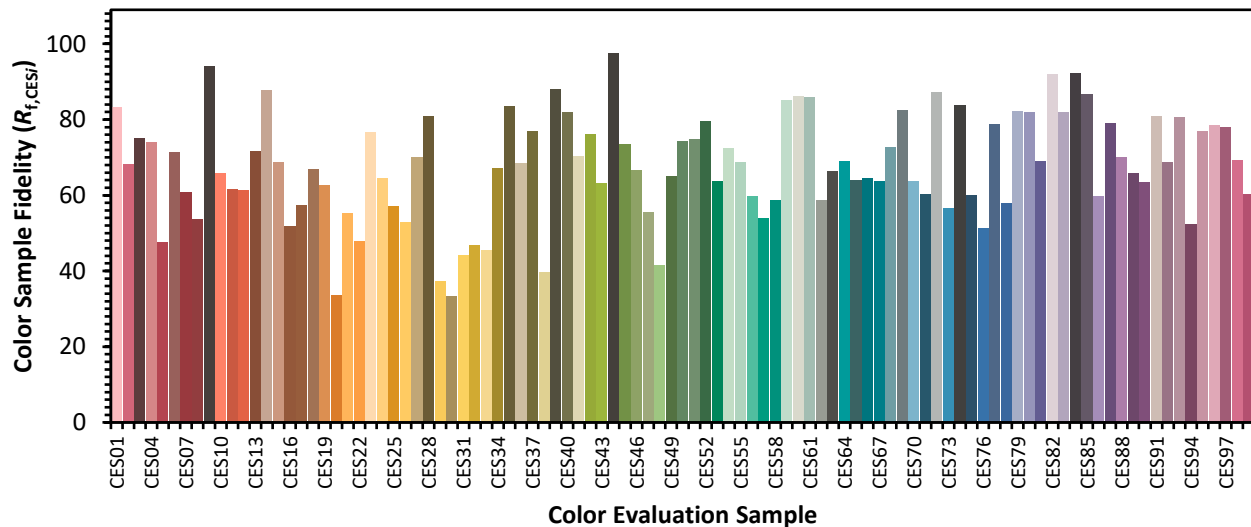


Color Vector Graphics

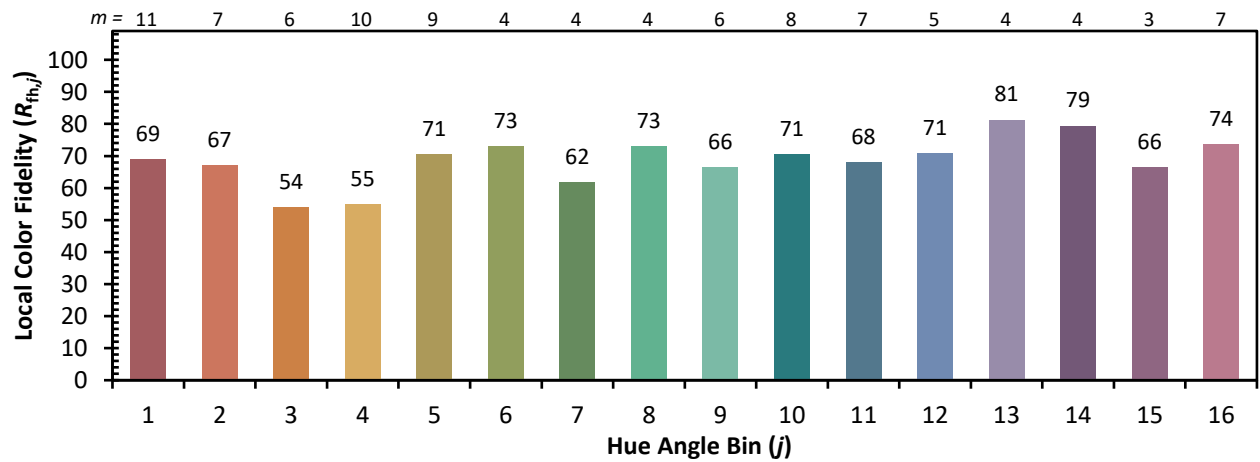
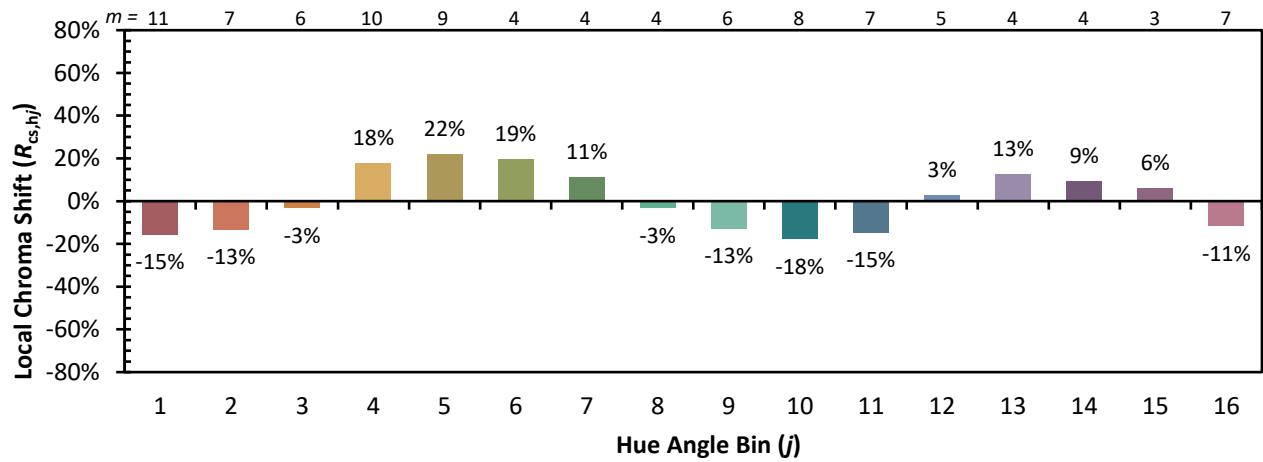


Individual Sample Fidelity Index ($R_{f,i}$)

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)