

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: P1064479

Luminaire Tested: **GLAN-SA8C-950-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064479
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8C-950-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35356.5 lumens
Efficiency: N/A
Efficacy: 94.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

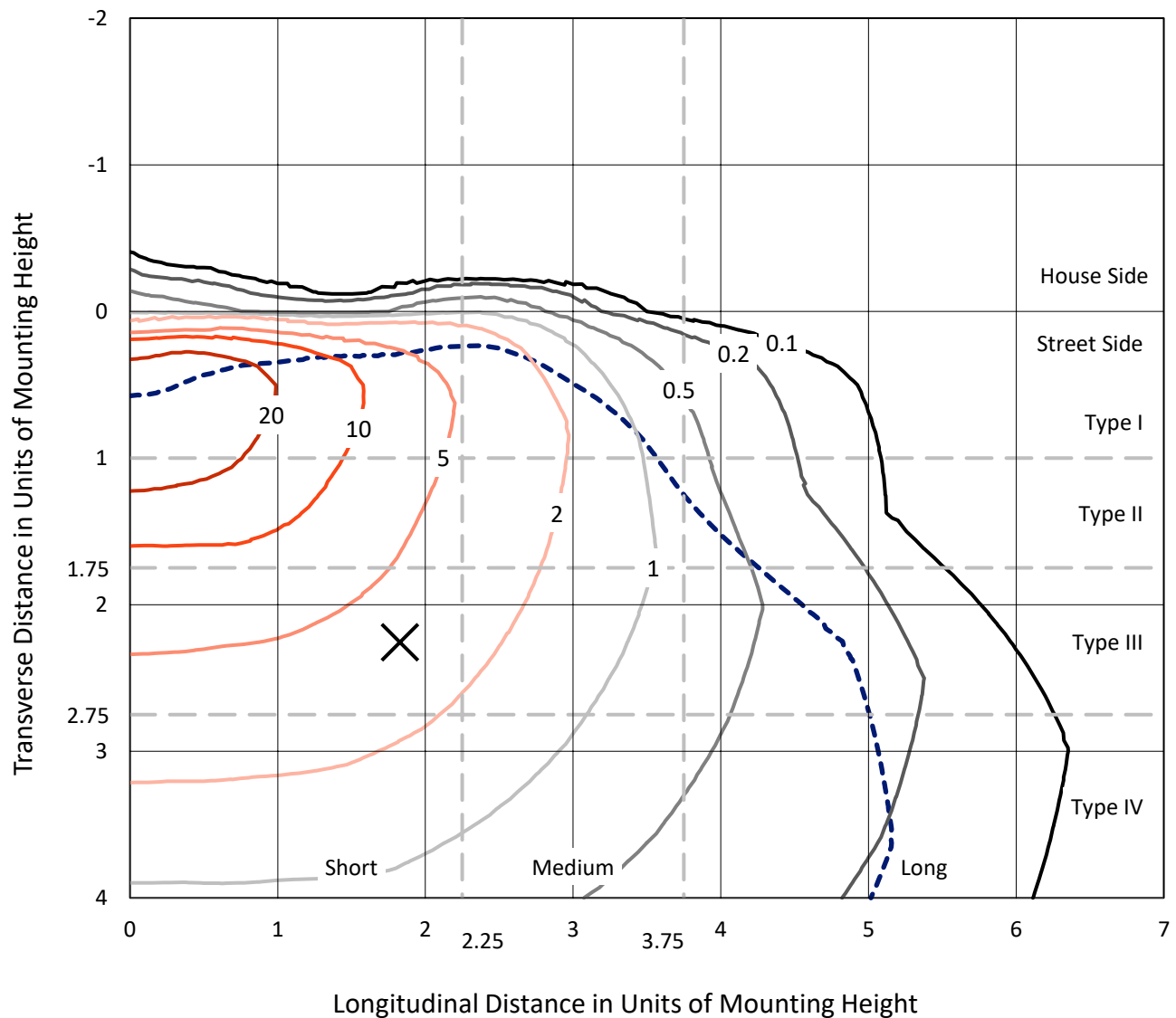


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

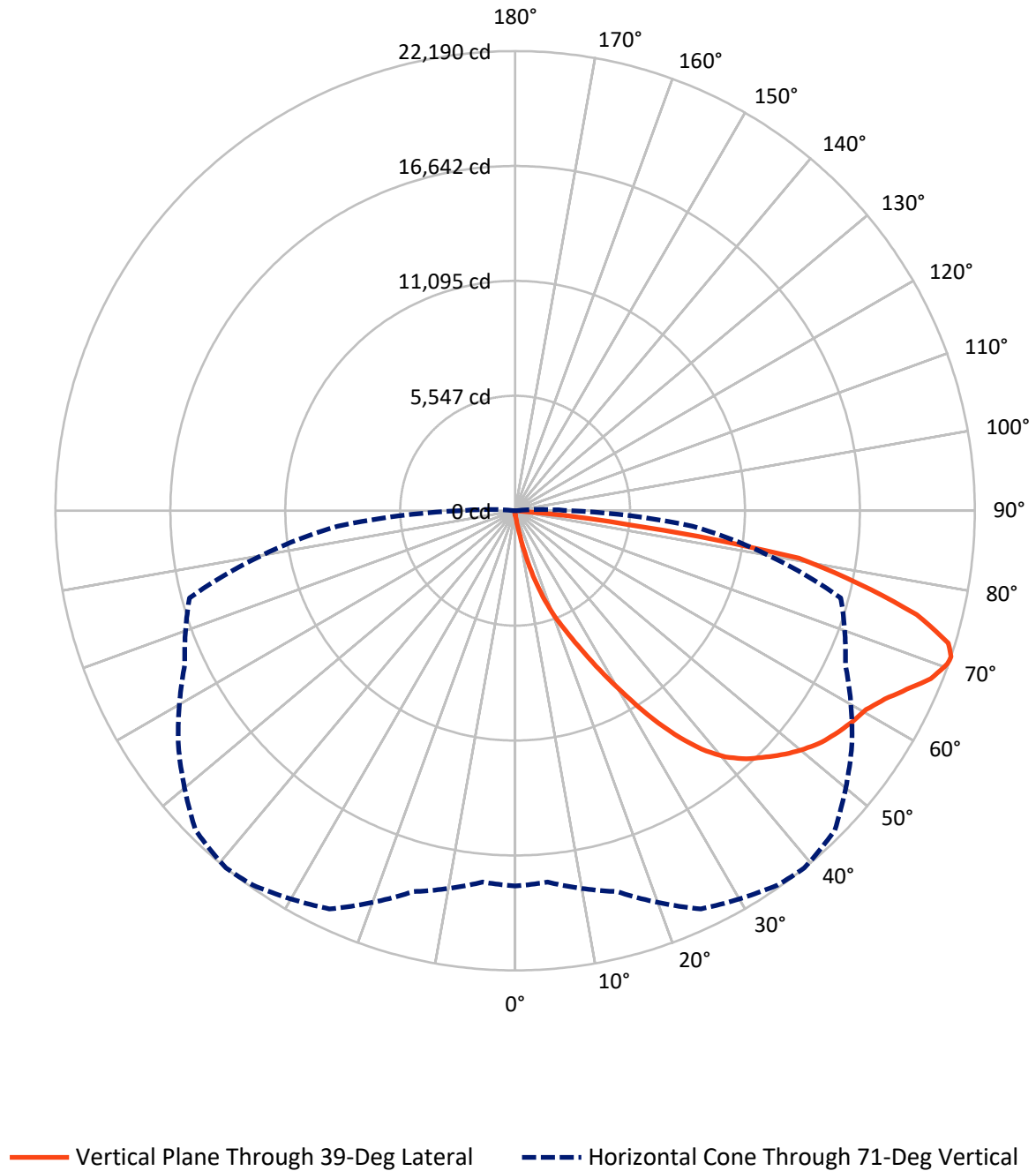


Based on 15 foot mounting height. Maximum calculated value = 36.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	125.7	0.0	125.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35230.8	0.0	35230.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	35356.5	0.0	35356.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.5	0.1
10°-20°	377.9	1.1
20°-30°	1345.8	3.8
30°-40°	3243.4	9.2
40°-50°	5428.1	15.4
50°-60°	6971.7	19.7
60°-70°	8822.8	25.0
70°-80°	7865.9	22.2
80°-90°	1271.5	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°	35356.5	100.0
0°-180°	35356.5	100.0



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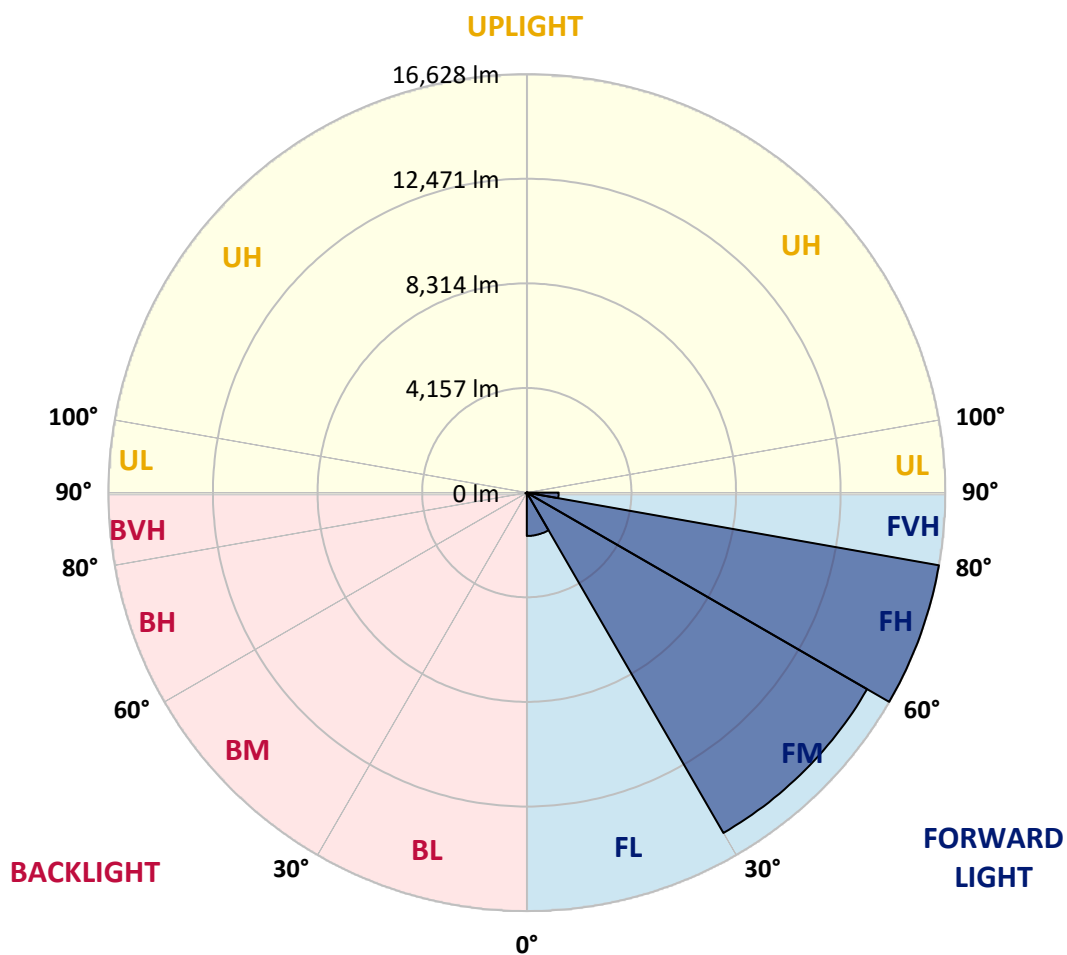
CATALOG NUMBER: GLAN-SA8C-950-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1722.8	4.9			
FM	(30°-60°)	15614.1	44.2			
FH	(60°-80°)	16628.2	47.0			G5
FVH	(80°-90°)	1265.7	3.6			G5
BL	(0°-30°)	30.4	0.1	B0/110		
BM	(30°-60°)	29.1	0.1	B0/220		
BH	(60°-80°)	60.4	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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-G5

Type IV Short





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CATALOG NUMBER: GLAN-SA8C-950-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9
2.5°	222.6	222.6	222.6	215.4	215.4	213.0	210.6	210.6	205.8	203.4	198.7
5°	337.5	330.3	313.5	304.0	284.8	272.9	260.9	244.1	227.4	215.4	201.0
7.5°	763.5	780.3	725.2	622.3	517.0	471.5	394.9	318.3	263.3	227.4	203.4
10°	1945.9	1936.3	1749.6	1543.8	1191.9	1050.7	823.3	519.4	339.9	248.9	205.8
12.5°	3310.1	3300.6	3080.4	2800.3	2336.0	2041.6	1610.8	969.3	488.3	282.4	205.8
15°	4456.6	4418.3	4348.9	4071.2	3527.9	3281.4	2711.8	1713.7	789.8	339.9	210.6
17.5°	5215.3	5181.8	5117.2	5016.7	4672.0	4380.0	3922.9	2692.6	1278.1	440.4	220.2
20°	5911.8	5887.9	5835.2	5816.1	5593.5	5437.9	5059.7	3817.5	1991.3	598.4	234.6
22.5°	6869.2	6818.9	6840.5	6725.6	6507.8	6321.1	6088.9	4995.1	2862.6	861.6	260.9
25°	8042.0	8018.0	7958.2	7876.8	7575.2	7412.5	7055.9	6105.7	3836.7	1206.3	289.6
27.5°	9458.9	9432.6	9418.2	9231.5	8884.5	8707.3	8209.5	7154.0	4932.9	1689.8	327.9
30°	11091.2	11103.2	11009.8	10770.5	10366.0	10117.1	9604.9	8252.6	6055.4	2257.0	368.6
32.5°	12781.0	12757.1	12613.4	12331.0	11969.6	11737.4	11086.4	9456.5	7233.0	3006.2	416.5
35°	14602.4	14556.9	14178.8	13855.6	13546.9	13254.9	12661.3	10854.3	8410.6	3846.3	481.1
37.5°	16440.6	16227.5	15468.8	15059.5	14846.5	14607.2	14054.3	12345.4	9581.0	4784.5	560.1
40°	17828.8	17663.6	16763.7	16009.7	15839.8	15636.4	15224.7	13633.1	10825.5	5792.1	655.8
42.5°	18597.1	18506.1	17697.1	16952.8	16553.1	16373.5	16021.7	14758.0	12055.8	6905.1	794.6
45°	18925.0	18783.7	18242.8	17895.8	17259.1	16962.3	16543.5	15607.6	13341.1	8168.8	988.5
47.5°	18824.4	18743.1	18355.3	18482.2	18020.2	17558.3	16943.2	16258.7	14439.6	9619.3	1254.2
50°	18192.6	18123.2	18003.5	18690.4	18633.0	18087.3	17460.2	16773.3	15337.2	11115.2	1665.8
52.5°	16991.1	16962.3	17268.7	18527.6	18980.0	18554.0	17958.0	17228.0	16174.9	12678.1	2254.6
55°	15442.5	15559.8	16435.8	18273.9	19157.1	18898.6	18398.4	17654.0	16847.5	14075.8	3123.4
57.5°	14805.8	14837.0	15930.8	18094.4	19236.1	19202.6	18826.8	18060.9	17465.0	15193.6	4449.4
60°	15550.2	15502.3	16079.2	18230.9	19394.1	19475.5	19207.4	18439.1	18001.1	16153.4	6215.8
62.5°	16895.3	16869.0	17053.3	18812.5	19856.0	20021.2	19736.3	18711.9	18475.0	16785.2	8231.1
65°	18096.8	18041.8	18384.0	19844.0	20667.4	20784.7	20535.7	19178.7	18683.2	17244.8	10124.3
67.5°	18616.2	18604.2	19154.7	20825.4	21519.5	21646.3	21428.5	19822.5	18635.4	17390.8	10959.6
70°	18379.3	18333.8	19214.6	21241.8	22000.5	22144.1	21933.5	20061.8	18116.0	16928.8	9722.2
71°	18118.4	17996.3	19035.1	21213.1	22067.6	22189.6	21821.0	19844.0	17594.2	16273.0	8599.6
72.5°	17309.4	17330.9	18542.0	20913.9	21907.2	21871.3	21184.4	19063.8	16964.7	14784.3	6907.5
75°	15318.0	15444.9	16945.6	19657.4	20475.9	20018.8	18968.0	17572.7	15701.0	10600.6	4796.5
77.5°	12517.7	12706.8	14355.9	17240.0	17007.8	16962.3	16919.3	15483.2	13408.1	5694.0	3336.5
80°	5976.4	6385.7	8659.5	12307.1	13369.8	13884.4	13561.3	12477.0	10368.4	2711.8	1993.7
82.5°	390.1	385.3	545.7	1034.0	4358.5	5634.2	8951.5	8918.0	7228.2	1321.2	813.8
85°	184.3	189.1	208.2	237.0	275.2	301.6	416.5	2441.3	3458.5	629.5	177.1
87.5°	107.7	110.1	129.2	165.1	215.4	239.3	284.8	366.2	450.0	347.0	38.3
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: P1064479

CATALOG NUMBER: GLAN-SA8C-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9	193.9
2.5°	196.3	193.9	186.7	179.5	172.3	167.5	165.1	167.5	167.5	169.9	169.9
5°	196.3	189.1	177.1	162.8	153.2	143.6	138.8	136.4	138.8	138.8	138.8
7.5°	193.9	181.9	165.1	148.4	136.4	124.5	119.7	117.3	117.3	119.7	119.7
10°	189.1	177.1	155.6	136.4	122.1	107.7	100.5	93.3	93.3	93.3	95.7
12.5°	186.7	169.9	143.6	124.5	105.3	88.6	74.2	67.0	69.4	69.4	69.4
15°	181.9	162.8	136.4	112.5	88.6	67.0	55.0	47.9	50.3	52.7	50.3
17.5°	181.9	160.4	126.9	98.1	69.4	50.3	40.7	35.9	35.9	38.3	38.3
20°	181.9	155.6	119.7	83.8	52.7	38.3	28.7	26.3	26.3	31.1	33.5
22.5°	186.7	155.6	110.1	69.4	43.1	28.7	21.5	19.1	21.5	26.3	28.7
25°	193.9	153.2	100.5	62.2	35.9	21.5	16.8	12.0	14.4	19.1	21.5
27.5°	201.0	150.8	91.0	55.0	28.7	16.8	12.0	9.6	7.2	9.6	9.6
30°	208.2	150.8	81.4	45.5	23.9	12.0	7.2	4.8	2.4	0.0	0.0
32.5°	213.0	146.0	74.2	35.9	19.1	9.6	4.8	2.4	0.0	0.0	0.0
35°	217.8	141.2	64.6	28.7	14.4	7.2	2.4	0.0	0.0	0.0	0.0
37.5°	222.6	134.0	55.0	23.9	12.0	4.8	0.0	0.0	0.0	0.0	0.0
40°	227.4	124.5	45.5	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	232.2	117.3	38.3	16.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	244.1	112.5	31.1	14.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	265.7	107.7	28.7	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	296.8	102.9	26.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	339.9	100.5	23.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	416.5	98.1	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	548.1	95.7	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	840.1	91.0	21.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1500.7	88.6	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2616.0	91.0	19.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3750.5	95.7	16.8	7.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	3209.6	83.8	16.8	9.6	4.8	2.4	0.0	0.0	0.0	0.0	0.0
71°	2616.0	74.2	16.8	9.6	4.8	2.4	2.4	0.0	0.0	0.0	0.0
72.5°	1682.6	57.4	14.4	9.6	4.8	4.8	2.4	0.0	0.0	0.0	0.0
75°	710.9	47.9	14.4	9.6	7.2	4.8	4.8	2.4	0.0	0.0	0.0
77.5°	304.0	35.9	14.4	12.0	9.6	7.2	7.2	4.8	2.4	0.0	0.0
80°	114.9	28.7	16.8	14.4	12.0	12.0	9.6	4.8	2.4	0.0	0.0
82.5°	52.7	23.9	16.8	14.4	14.4	12.0	9.6	7.2	4.8	0.0	0.0
85°	33.5	21.5	16.8	14.4	14.4	12.0	12.0	7.2	4.8	0.0	0.0
87.5°	26.3	21.5	16.8	16.8	14.4	14.4	9.6	7.2	2.4	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 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



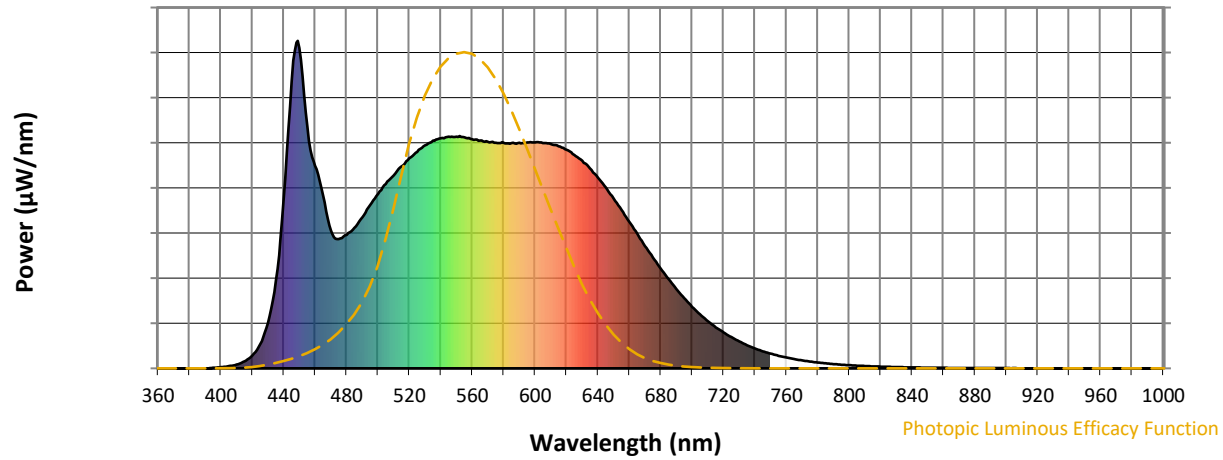
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

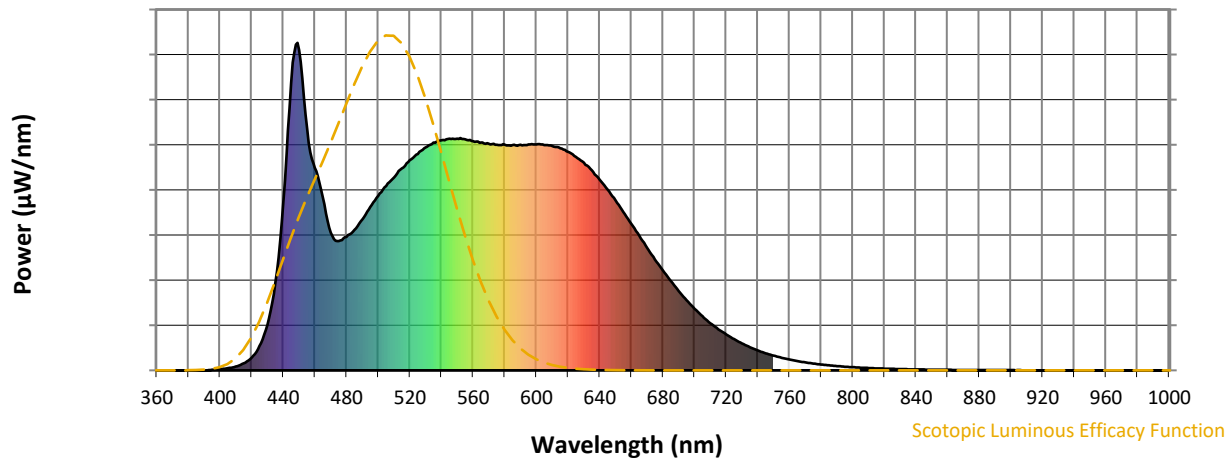


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



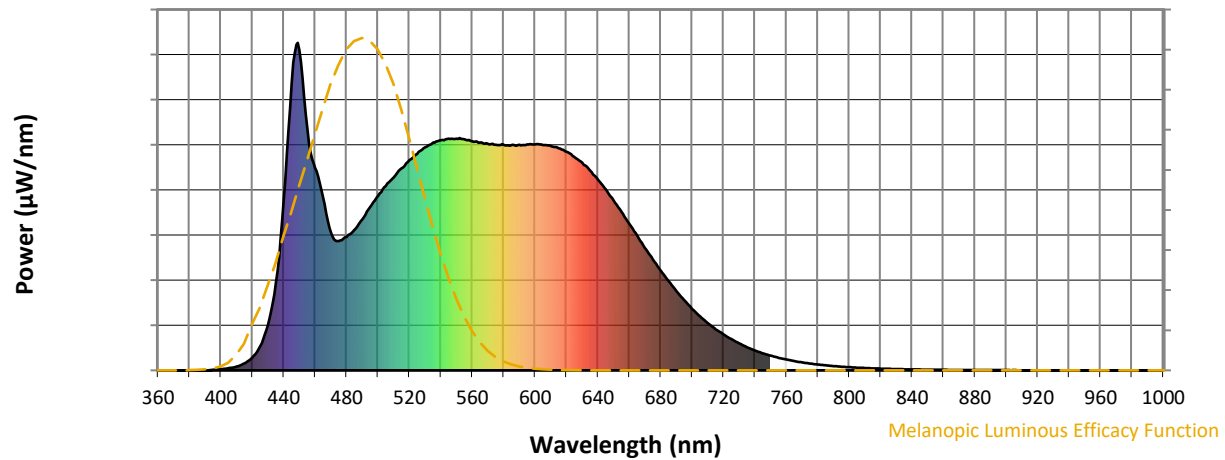
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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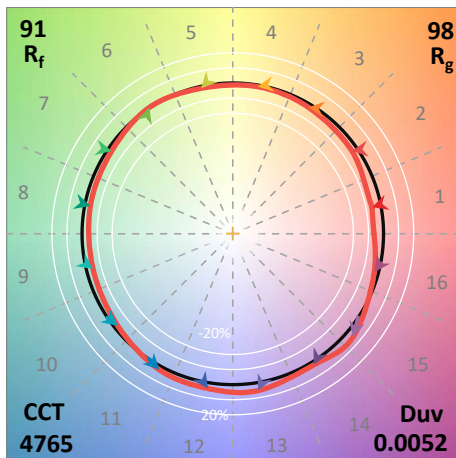
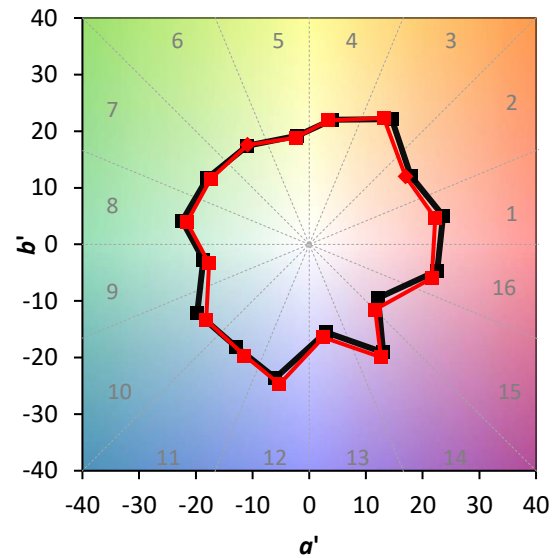
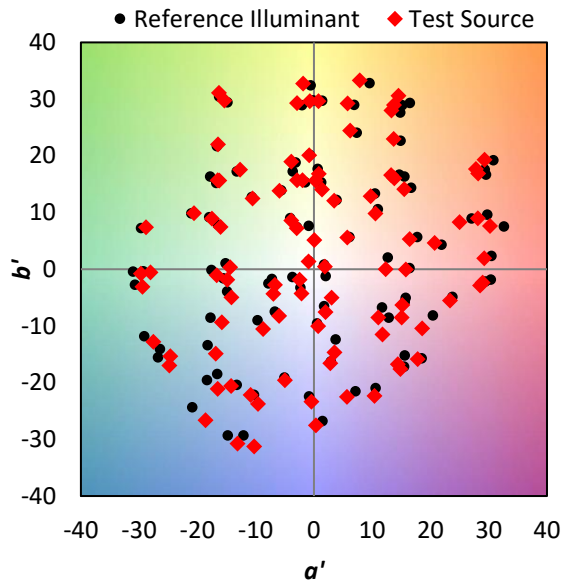
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

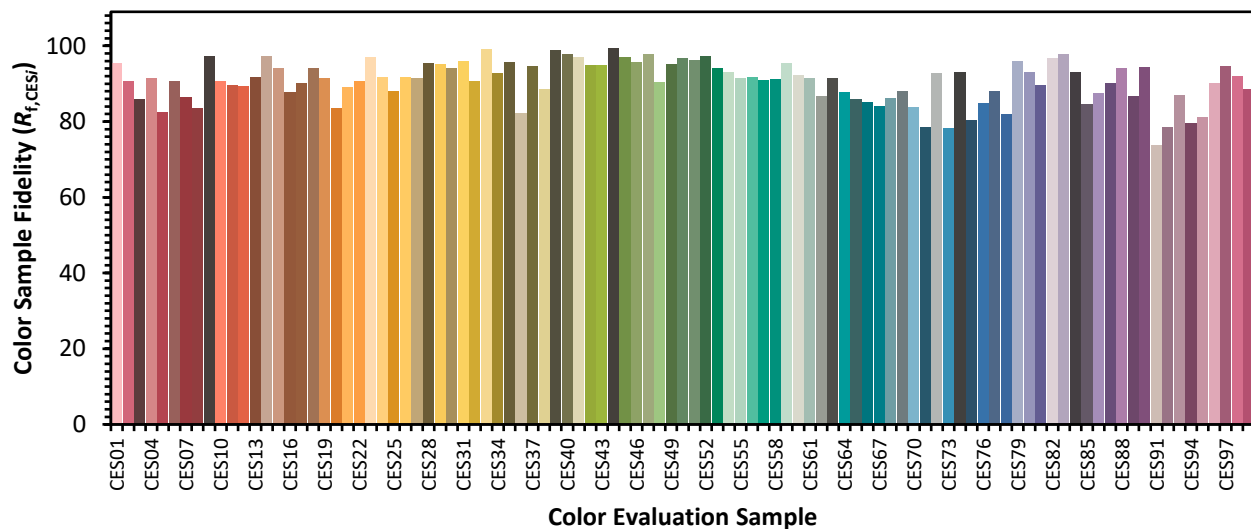


Color Vector Graphics

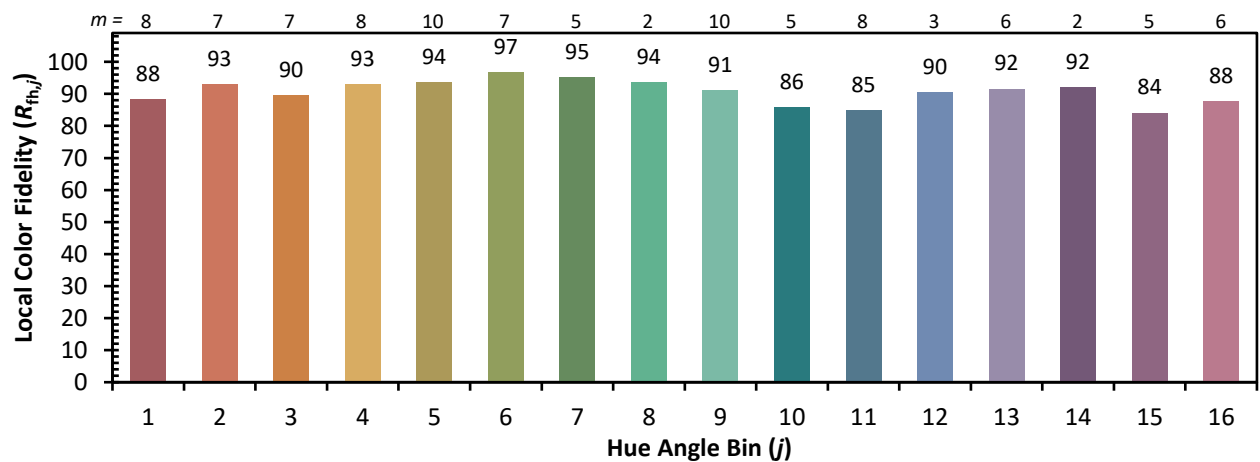
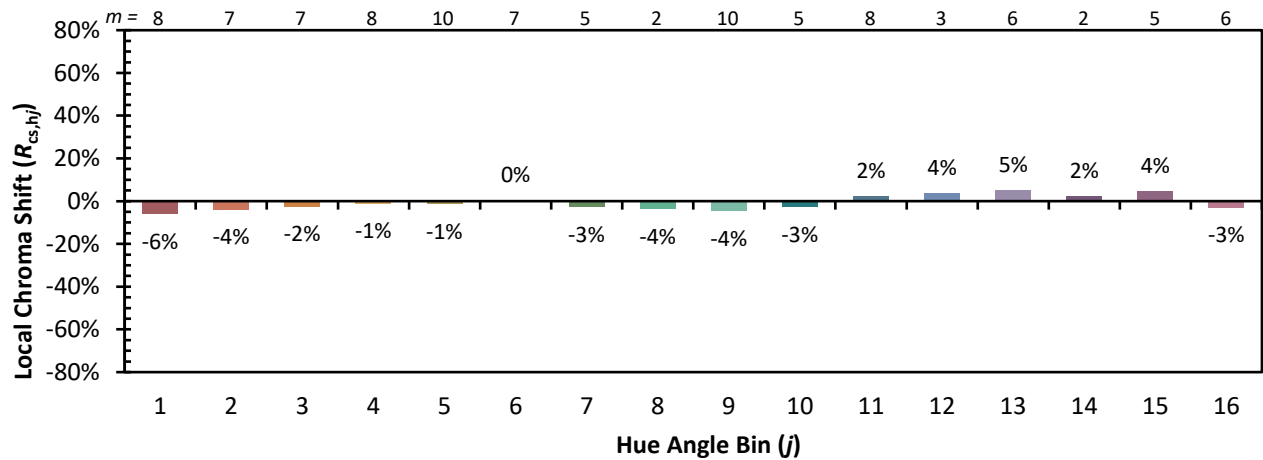


Individual Sample Fidelity Index ($R_{f,i}$)

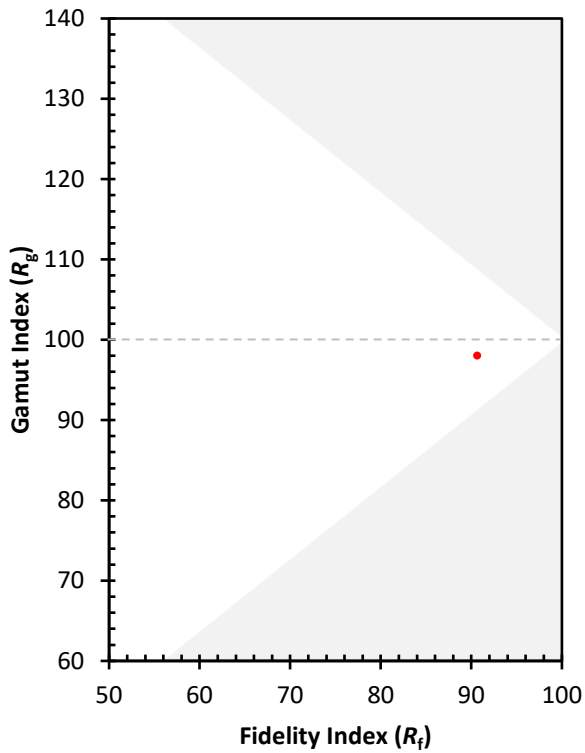
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)