

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: P1063882

Luminaire Tested: **GLAN-SA3B-740-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063882
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3B-740-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14252.8 lumens
Efficiency: N/A
Efficacy: 134.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

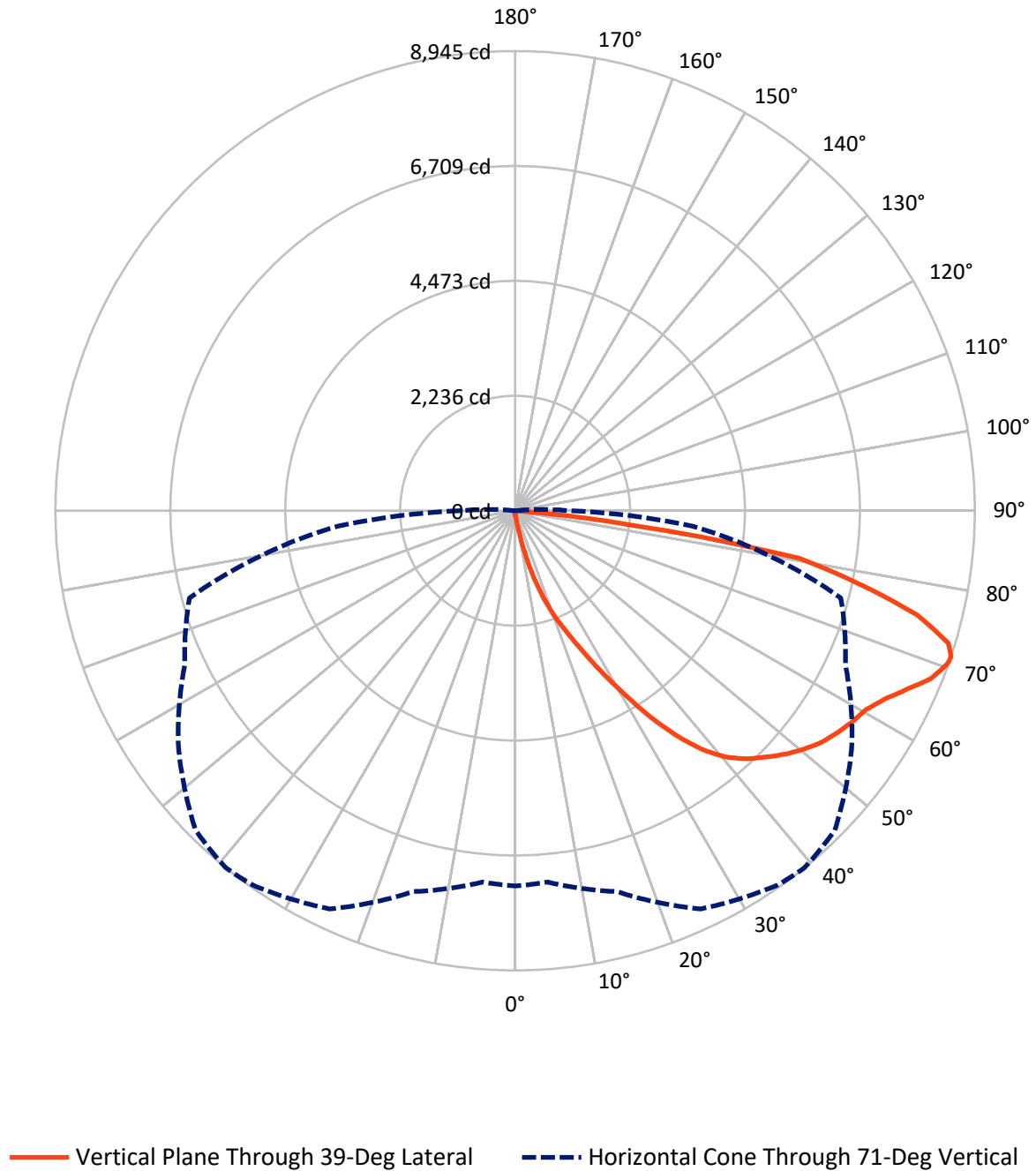
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Luminous Intensity Polar Plot



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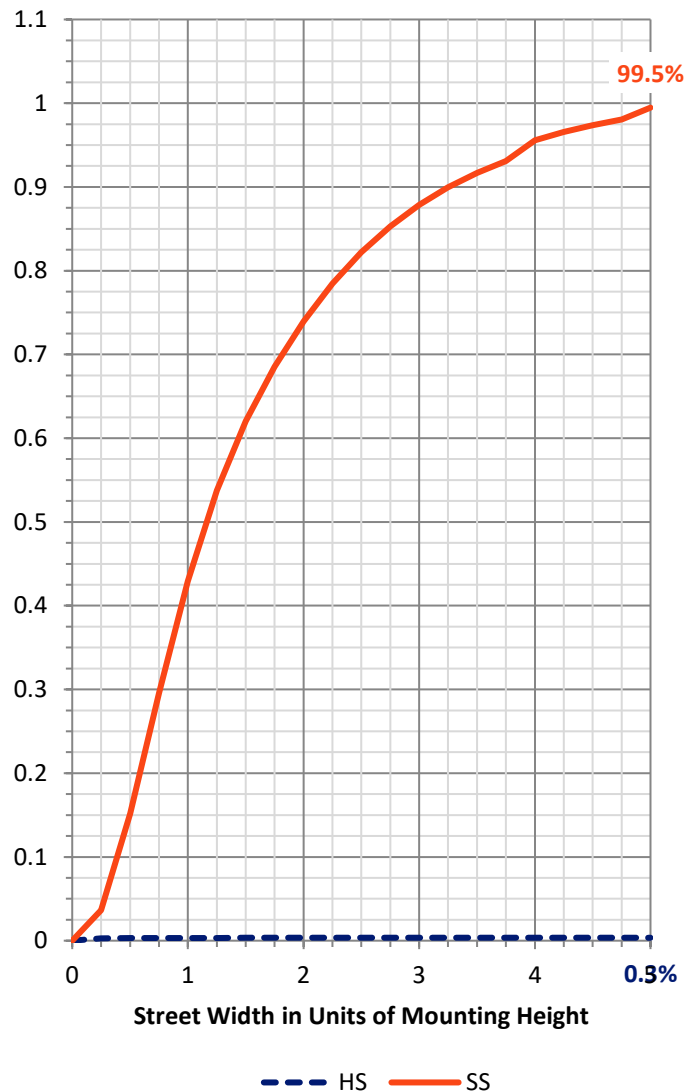
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.7	0.0	50.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14202.2	0.0	14202.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	14252.8	0.0	14252.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	0.1
10°-20°	152.3	1.1
20°-30°	542.5	3.8
30°-40°	1307.5	9.2
40°-50°	2188.2	15.4
50°-60°	2810.4	19.7
60°-70°	3556.6	25.0
70°-80°	3170.9	22.2
80°-90°	512.6	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°	14252.8	100.0
0°-180°	14252.8	100.0



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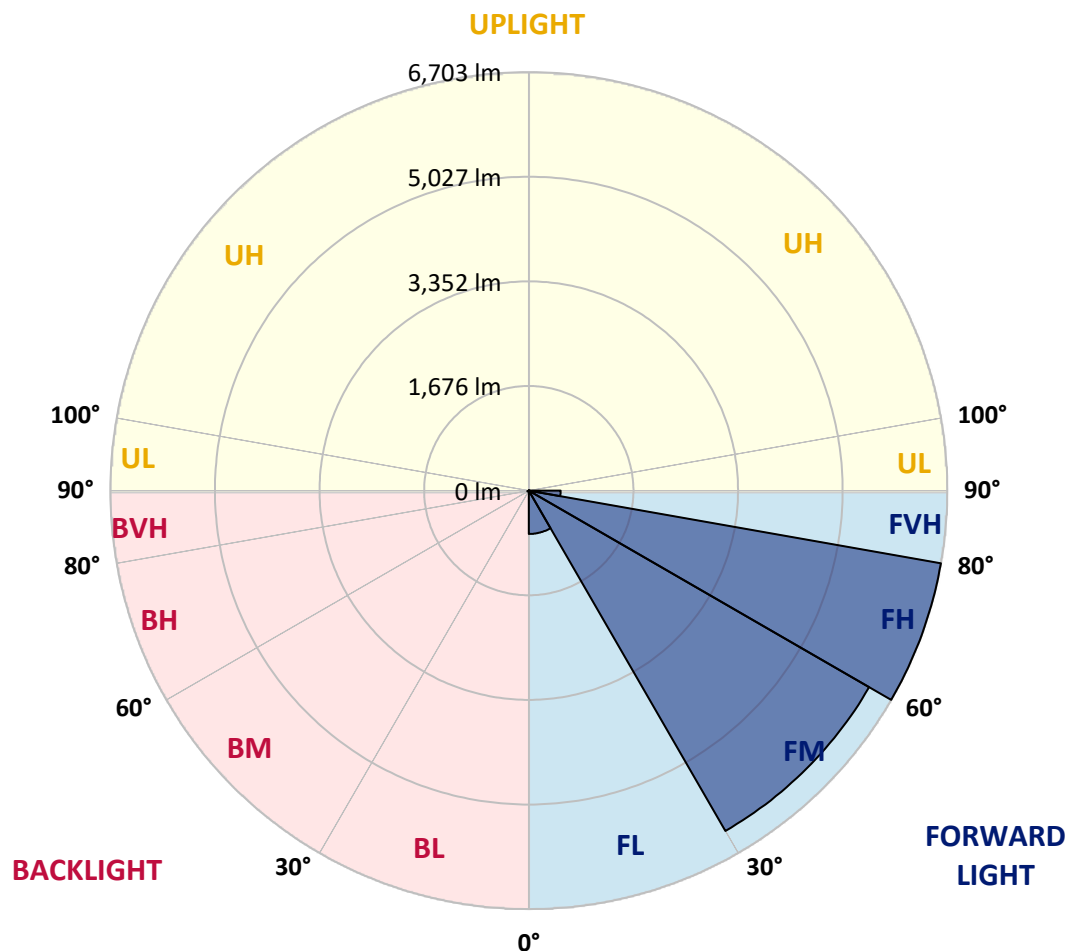
CATALOG NUMBER: GLAN-SA3B-740-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	694.5	4.9			
FM	(30°-60°)	6294.3	44.2			
FH	(60°-80°)	6703.1	47.0			G3/7500
FVH	(80°-90°)	510.2	3.6			G4/750
BL	(0°-30°)	12.2	0.1	B0/110		
BM	(30°-60°)	11.7	0.1	B0/220		
BH	(60°-80°)	24.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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





REPORT NUMBER: P1063882

CATALOG NUMBER: GLAN-SA3B-740-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
2.5°	89.7	89.7	89.7	86.8	86.8	85.9	84.9	84.9	83.0	82.0	80.1
5°	136.0	133.1	126.4	122.5	114.8	110.0	105.2	98.4	91.7	86.8	81.0
7.5°	307.8	314.5	292.3	250.9	208.4	190.1	159.2	128.3	106.1	91.7	82.0
10°	784.4	780.6	705.3	622.3	480.5	423.6	331.9	209.4	137.0	100.3	83.0
12.5°	1334.4	1330.5	1241.7	1128.9	941.7	823.0	649.3	390.8	196.8	113.9	83.0
15°	1796.5	1781.1	1753.1	1641.2	1422.2	1322.8	1093.2	690.8	318.4	137.0	84.9
17.5°	2102.4	2088.9	2062.8	2022.3	1883.4	1765.7	1581.4	1085.4	515.2	177.5	88.8
20°	2383.2	2373.5	2352.3	2344.6	2254.8	2192.1	2039.7	1538.9	802.7	241.2	94.6
22.5°	2769.1	2748.8	2757.5	2711.2	2623.4	2548.1	2454.6	2013.6	1153.9	347.3	105.2
25°	3241.9	3232.2	3208.1	3175.3	3053.7	2988.1	2844.3	2461.3	1546.6	486.3	116.7
27.5°	3813.0	3802.4	3796.6	3721.4	3581.5	3510.1	3309.4	2883.9	1988.5	681.2	132.2
30°	4471.1	4475.9	4438.3	4341.8	4178.7	4078.4	3871.9	3326.8	2441.0	909.8	148.6
32.5°	5152.2	5142.6	5084.7	4970.9	4825.2	4731.6	4469.1	3812.1	2915.7	1211.8	167.9
35°	5886.5	5868.2	5715.7	5585.5	5461.0	5343.3	5104.0	4375.5	3390.4	1550.5	193.9
37.5°	6627.5	6541.6	6235.8	6070.8	5984.9	5888.4	5665.5	4976.6	3862.3	1928.7	225.8
40°	7187.1	7120.5	6757.7	6453.8	6385.3	6303.3	6137.3	5495.7	4364.0	2334.9	264.4
42.5°	7496.8	7460.1	7134.0	6834.0	6672.8	6600.5	6458.6	5949.2	4859.9	2783.6	320.3
45°	7629.0	7572.1	7354.0	7214.1	6957.5	6837.8	6669.0	6291.7	5378.0	3293.0	398.5
47.5°	7588.5	7555.7	7399.4	7450.5	7264.3	7078.1	6830.1	6554.2	5820.9	3877.7	505.6
50°	7333.7	7305.8	7257.5	7534.4	7511.3	7291.3	7038.5	6761.6	6182.7	4480.7	671.5
52.5°	6849.4	6837.8	6961.3	7468.8	7651.2	7479.4	7239.2	6944.9	6520.4	5110.8	908.9
55°	6225.1	6272.4	6625.6	7366.6	7722.6	7618.4	7416.7	7116.7	6791.5	5674.2	1259.1
57.5°	5968.5	5981.0	6422.0	7294.2	7754.4	7740.9	7589.4	7280.7	7040.4	6124.8	1793.6
60°	6268.6	6249.3	6481.8	7349.2	7818.1	7850.9	7742.8	7433.1	7256.6	6511.7	2505.7
62.5°	6810.8	6800.2	6874.5	7583.6	8004.3	8070.9	7956.1	7543.1	7447.6	6766.4	3318.1
65°	7295.2	7273.0	7410.9	7999.5	8331.4	8378.7	8278.3	7731.3	7531.5	6951.7	4081.3
67.5°	7504.5	7499.7	7721.6	8395.1	8674.9	8726.0	8638.2	7990.8	7512.2	7010.5	4418.0
70°	7409.0	7390.7	7745.7	8563.0	8868.8	8926.7	8841.8	8087.3	7302.9	6824.3	3919.2
71°	7303.8	7254.6	7673.4	8551.4	8895.8	8945.0	8796.4	7999.5	7092.5	6559.9	3466.7
72.5°	6977.7	6986.4	7474.6	8430.8	8831.2	8816.7	8539.8	7684.9	6838.8	5959.8	2784.5
75°	6175.0	6226.1	6831.1	7924.2	8254.2	8069.9	7646.4	7083.9	6329.3	4273.3	1933.5
77.5°	5046.1	5122.3	5787.1	6949.7	6856.2	6837.8	6820.5	6241.5	5405.0	2295.4	1345.0
80°	2409.2	2574.2	3490.8	4961.2	5389.6	5597.0	5466.8	5029.7	4179.7	1093.2	803.7
82.5°	157.3	155.3	220.0	416.8	1757.0	2271.2	3608.5	3595.0	2913.8	532.6	328.0
85°	74.3	76.2	83.9	95.5	111.0	121.6	167.9	984.1	1394.2	253.8	71.4
87.5°	43.4	44.4	52.1	66.6	86.8	96.5	114.8	147.6	181.4	139.9	15.4
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-SA3B-740-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
2.5°	79.1	78.2	75.3	72.4	69.5	67.5	66.6	67.5	67.5	68.5	68.5
5°	79.1	76.2	71.4	65.6	61.7	57.9	56.0	55.0	56.0	56.0	56.0
7.5°	78.2	73.3	66.6	59.8	55.0	50.2	48.2	47.3	47.3	48.2	48.2
10°	76.2	71.4	62.7	55.0	49.2	43.4	40.5	37.6	37.6	37.6	38.6
12.5°	75.3	68.5	57.9	50.2	42.5	35.7	29.9	27.0	28.0	28.0	28.0
15°	73.3	65.6	55.0	45.3	35.7	27.0	22.2	19.3	20.3	21.2	20.3
17.5°	73.3	64.6	51.1	39.6	28.0	20.3	16.4	14.5	14.5	15.4	15.4
20°	73.3	62.7	48.2	33.8	21.2	15.4	11.6	10.6	10.6	12.5	13.5
22.5°	75.3	62.7	44.4	28.0	17.4	11.6	8.7	7.7	8.7	10.6	11.6
25°	78.2	61.7	40.5	25.1	14.5	8.7	6.8	4.8	5.8	7.7	8.7
27.5°	81.0	60.8	36.7	22.2	11.6	6.8	4.8	3.9	2.9	3.9	3.9
30°	83.9	60.8	32.8	18.3	9.6	4.8	2.9	1.9	1.0	0.0	0.0
32.5°	85.9	58.9	29.9	14.5	7.7	3.9	1.9	1.0	0.0	0.0	0.0
35°	87.8	56.9	26.1	11.6	5.8	2.9	1.0	0.0	0.0	0.0	0.0
37.5°	89.7	54.0	22.2	9.6	4.8	1.9	0.0	0.0	0.0	0.0	0.0
40°	91.7	50.2	18.3	8.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	93.6	47.3	15.4	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	98.4	45.3	12.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	107.1	43.4	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	119.6	41.5	10.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	137.0	40.5	9.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	167.9	39.6	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	220.9	38.6	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	338.7	36.7	8.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	605.0	35.7	7.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1054.6	36.7	7.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1511.9	38.6	6.8	2.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1293.9	33.8	6.8	3.9	1.9	1.0	0.0	0.0	0.0	0.0	0.0
71°	1054.6	29.9	6.8	3.9	1.9	1.0	1.0	0.0	0.0	0.0	0.0
72.5°	678.3	23.2	5.8	3.9	1.9	1.9	1.0	0.0	0.0	0.0	0.0
75°	286.6	19.3	5.8	3.9	2.9	1.9	1.9	1.0	0.0	0.0	0.0
77.5°	122.5	14.5	5.8	4.8	3.9	2.9	2.9	1.9	1.0	0.0	0.0
80°	46.3	11.6	6.8	5.8	4.8	4.8	3.9	1.9	1.0	0.0	0.0
82.5°	21.2	9.6	6.8	5.8	5.8	4.8	3.9	2.9	1.9	0.0	0.0
85°	13.5	8.7	6.8	5.8	5.8	4.8	4.8	2.9	1.9	0.0	0.0
87.5°	10.6	8.7	6.8	6.8	5.8	5.8	3.9	2.9	1.0	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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

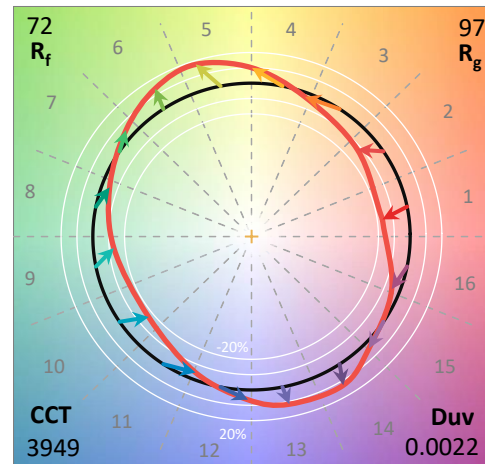
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

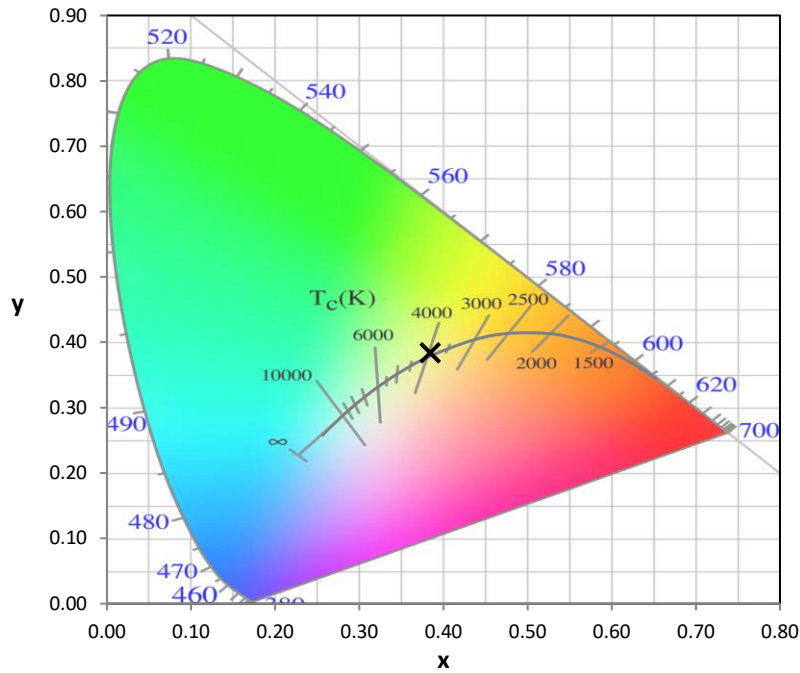
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

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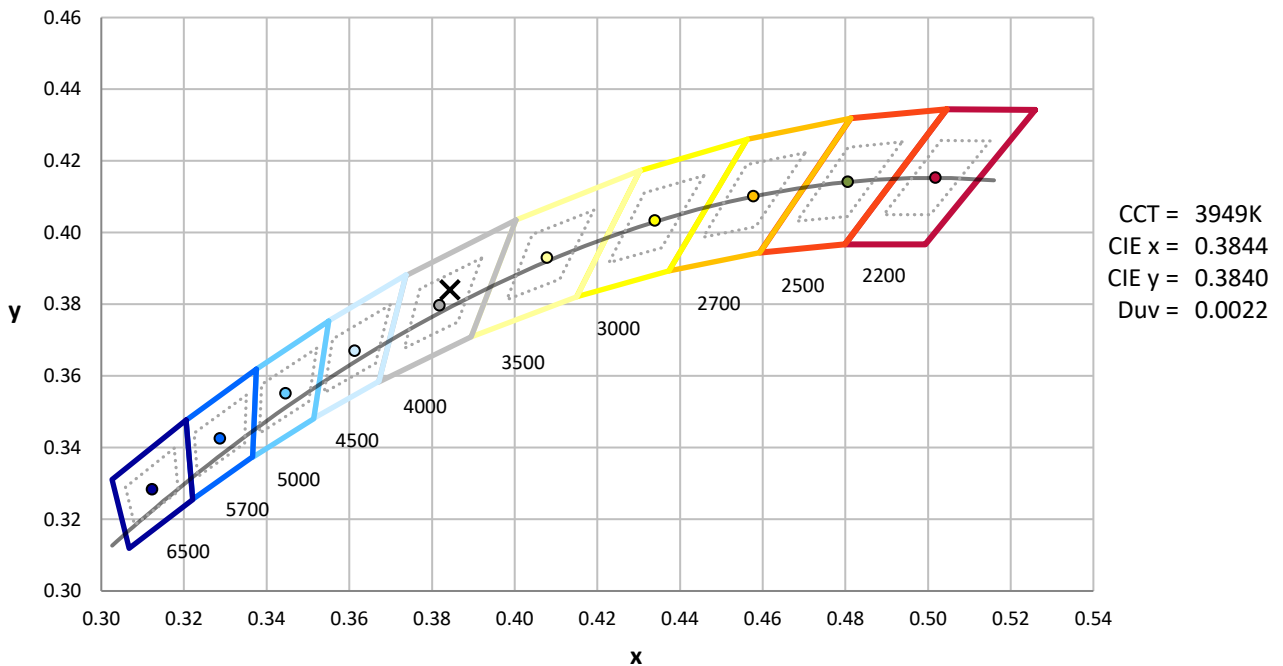
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



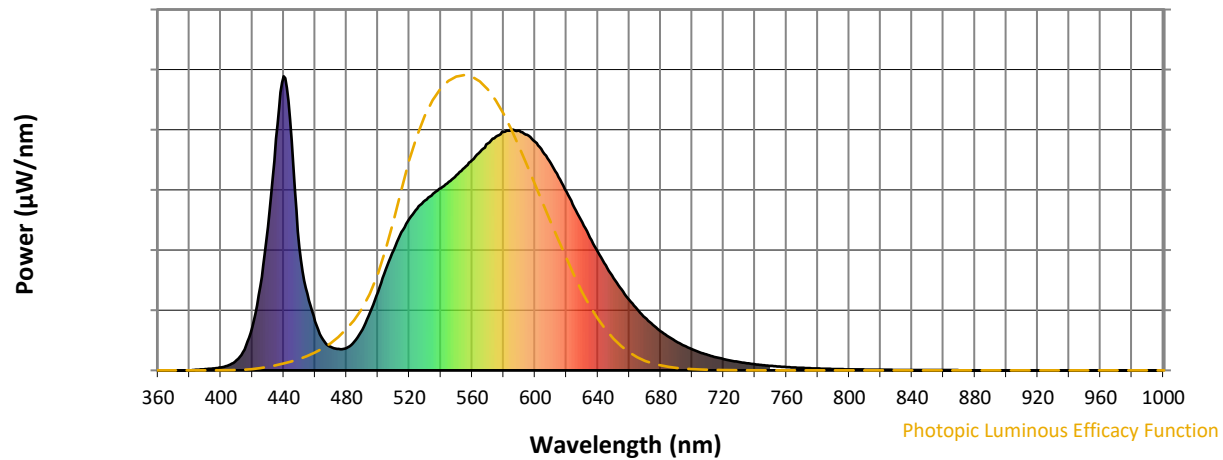
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

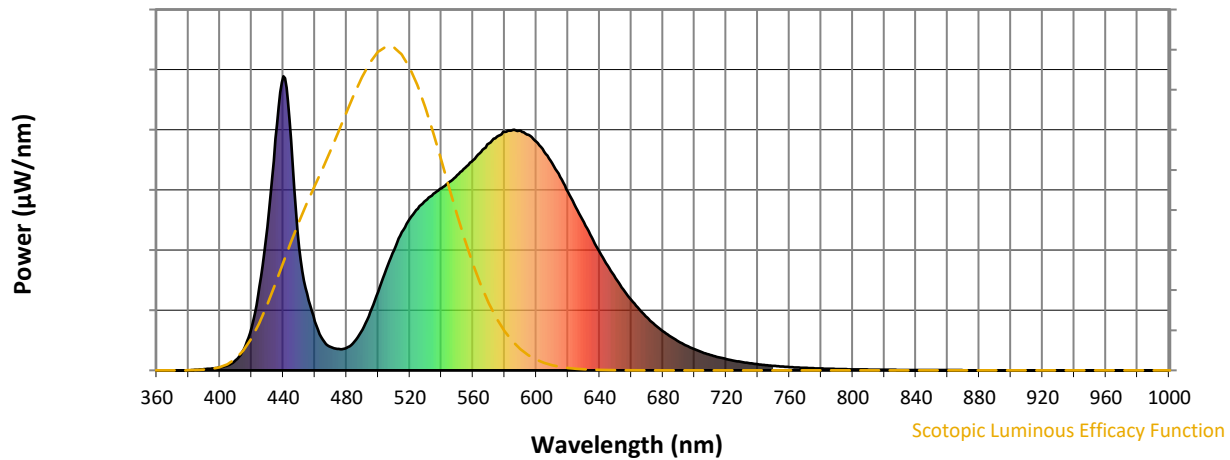


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



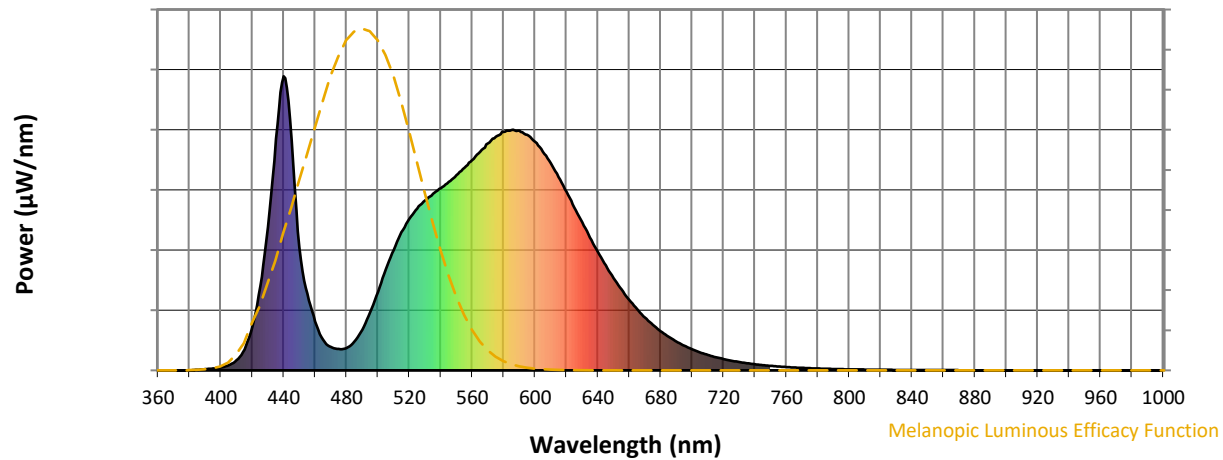
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

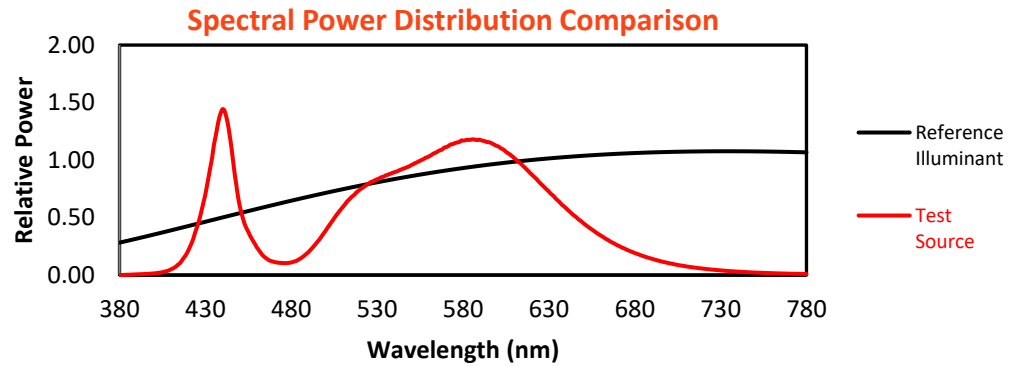
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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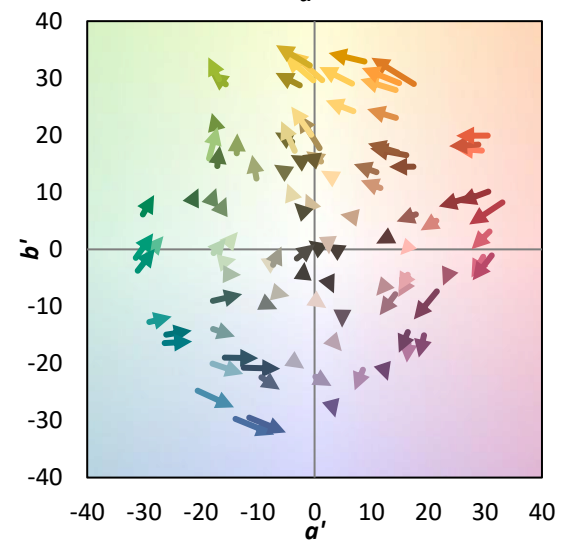
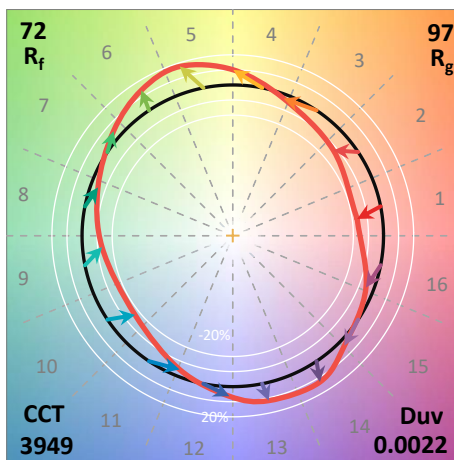
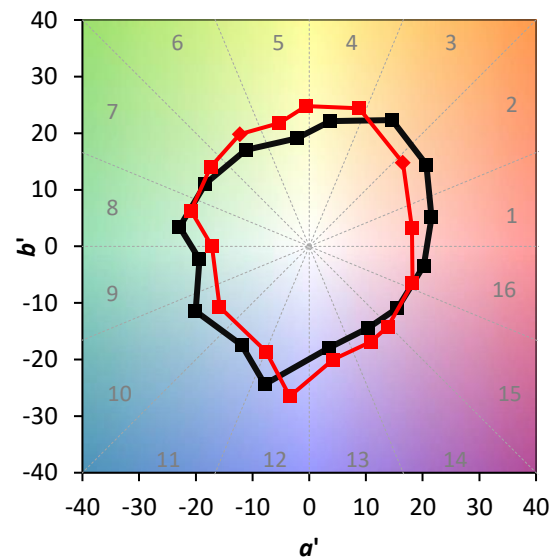
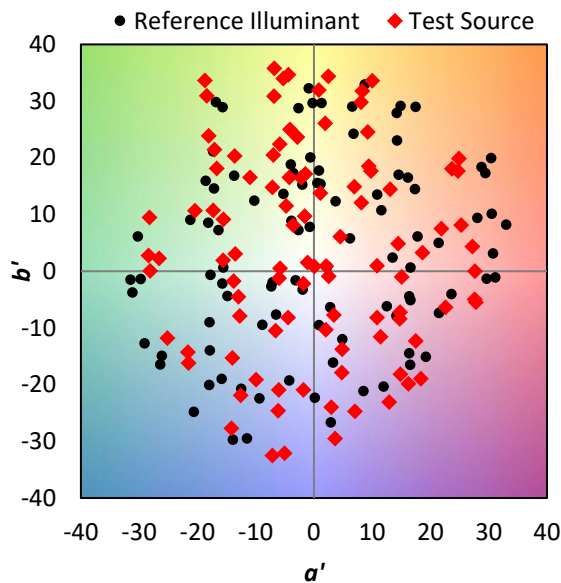
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$

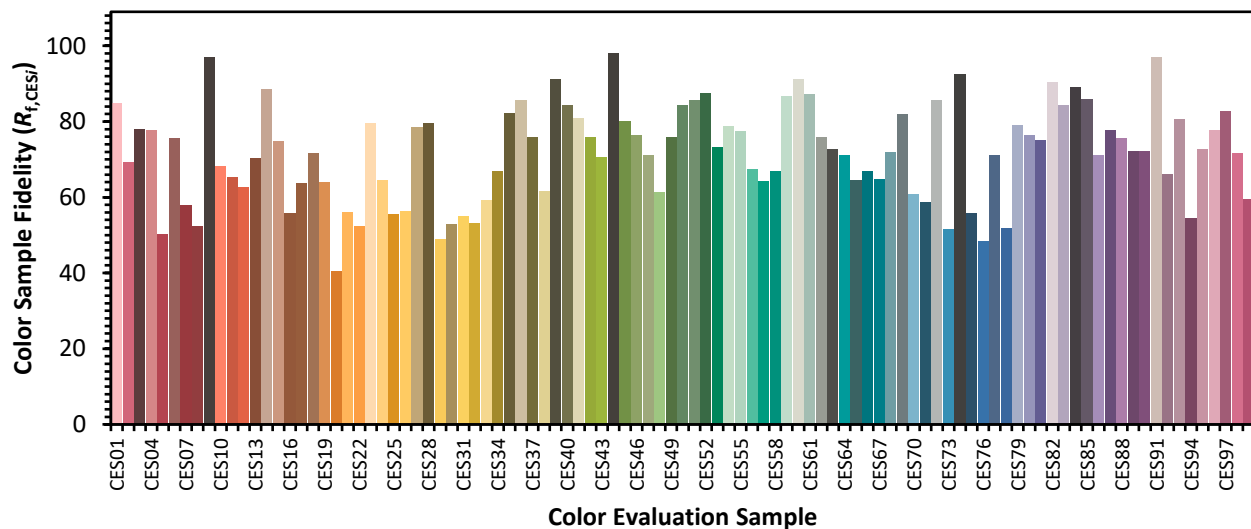


Color Vector Graphics

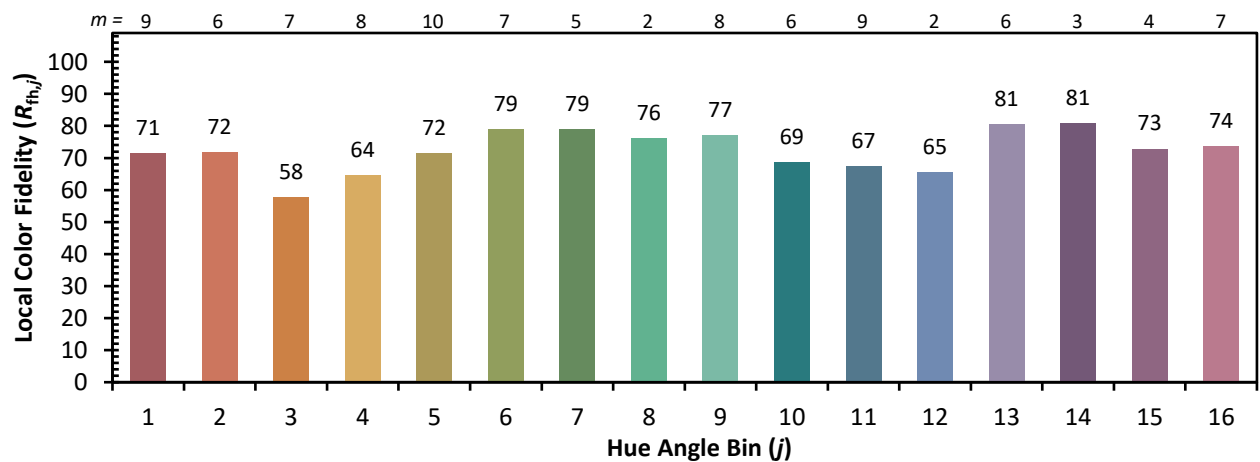
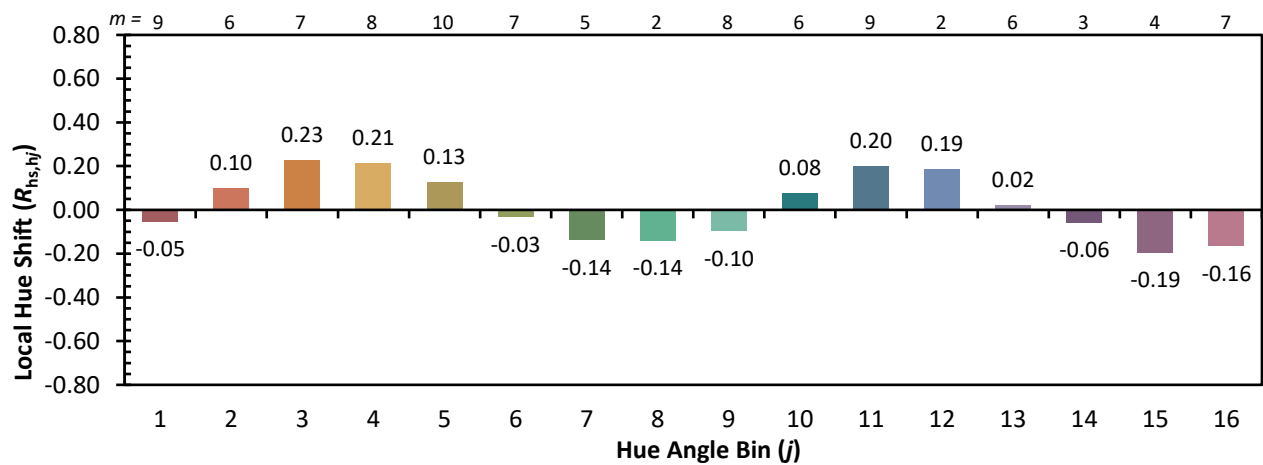
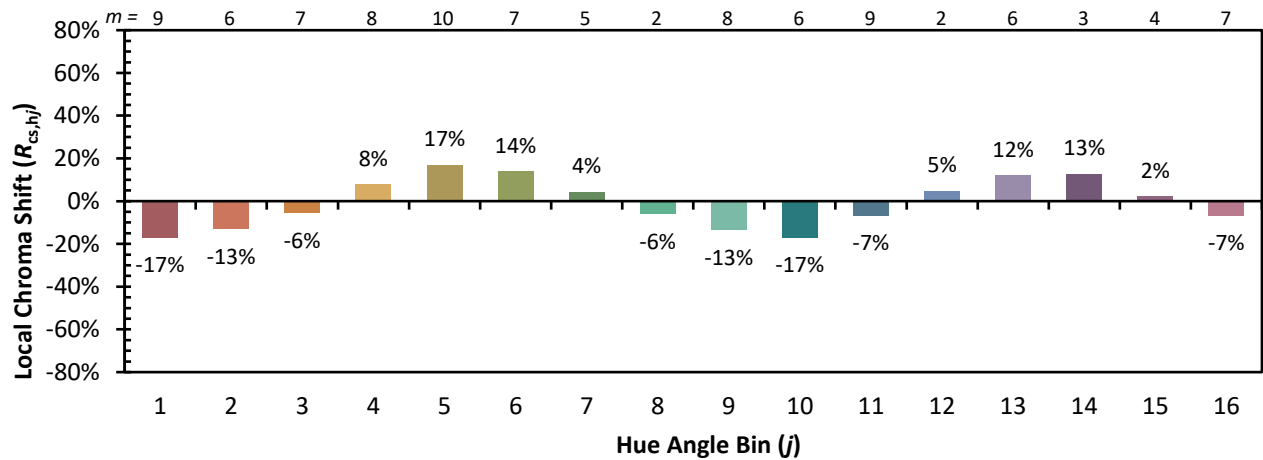


Individual Sample Fidelity Index ($R_{f,i}$)

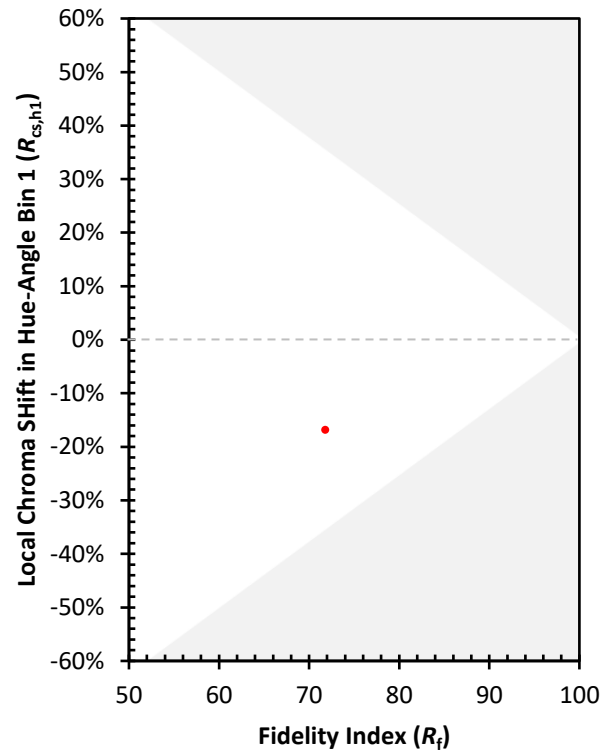
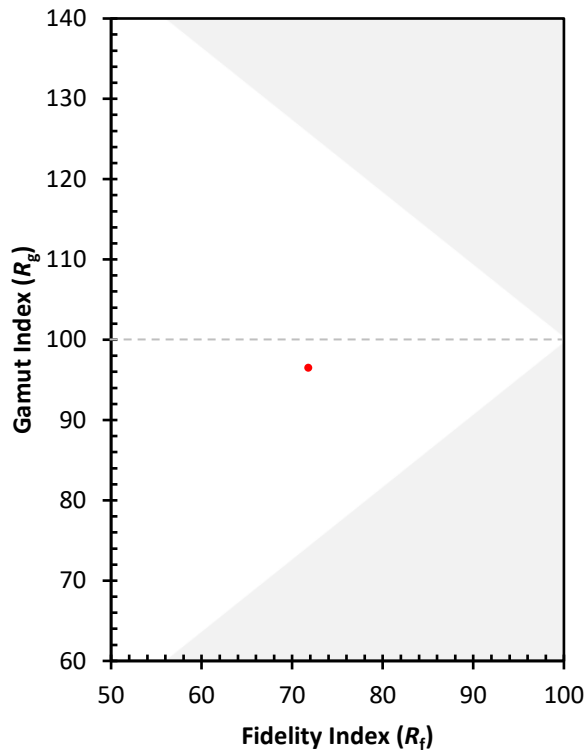
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)