

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: P1063119

Luminaire Tested: **GLAN-SA1C-930-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063119
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1C-930-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4122.4 lumens
Efficiency: N/A
Efficacy: 82.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.2
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

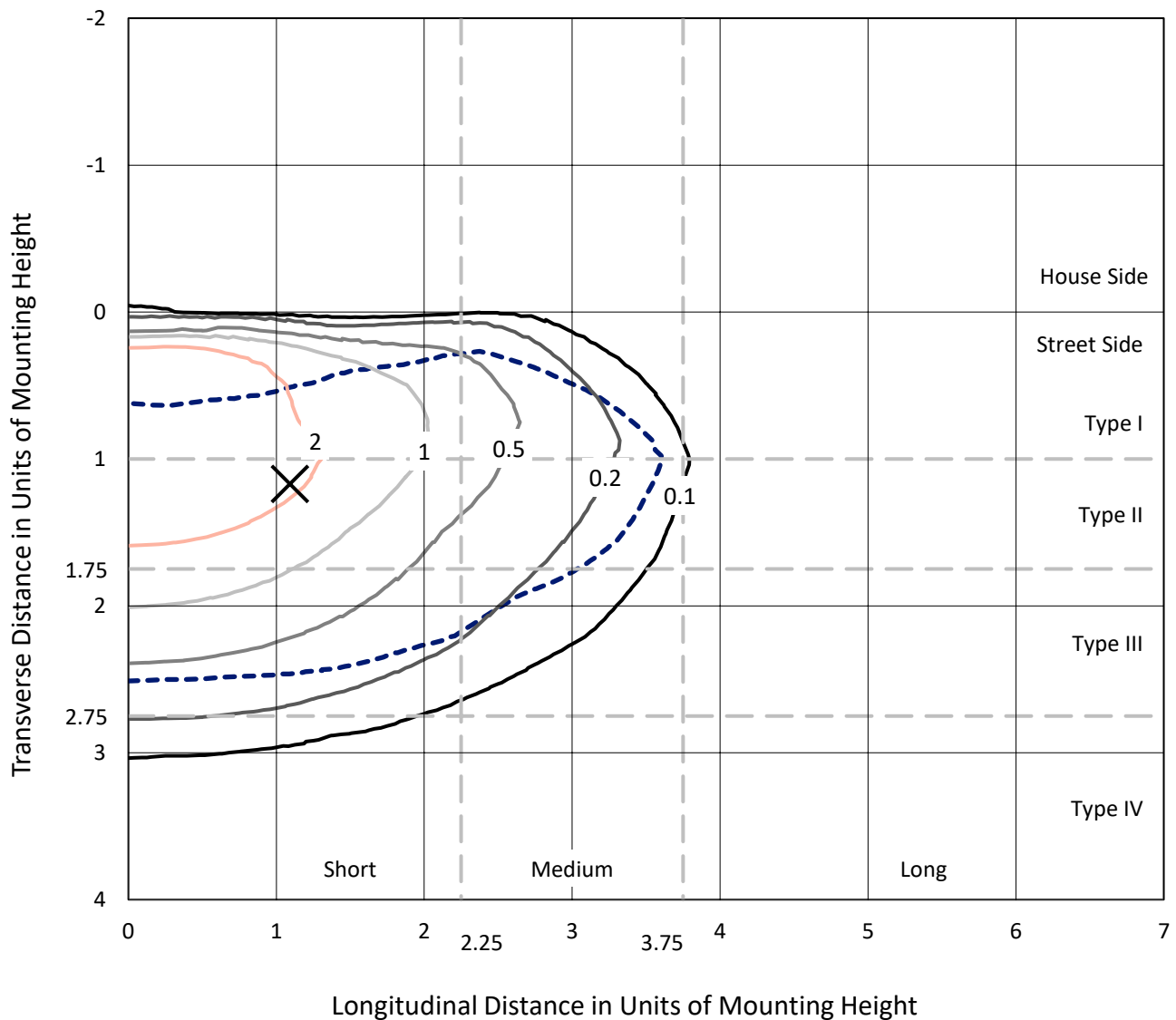


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

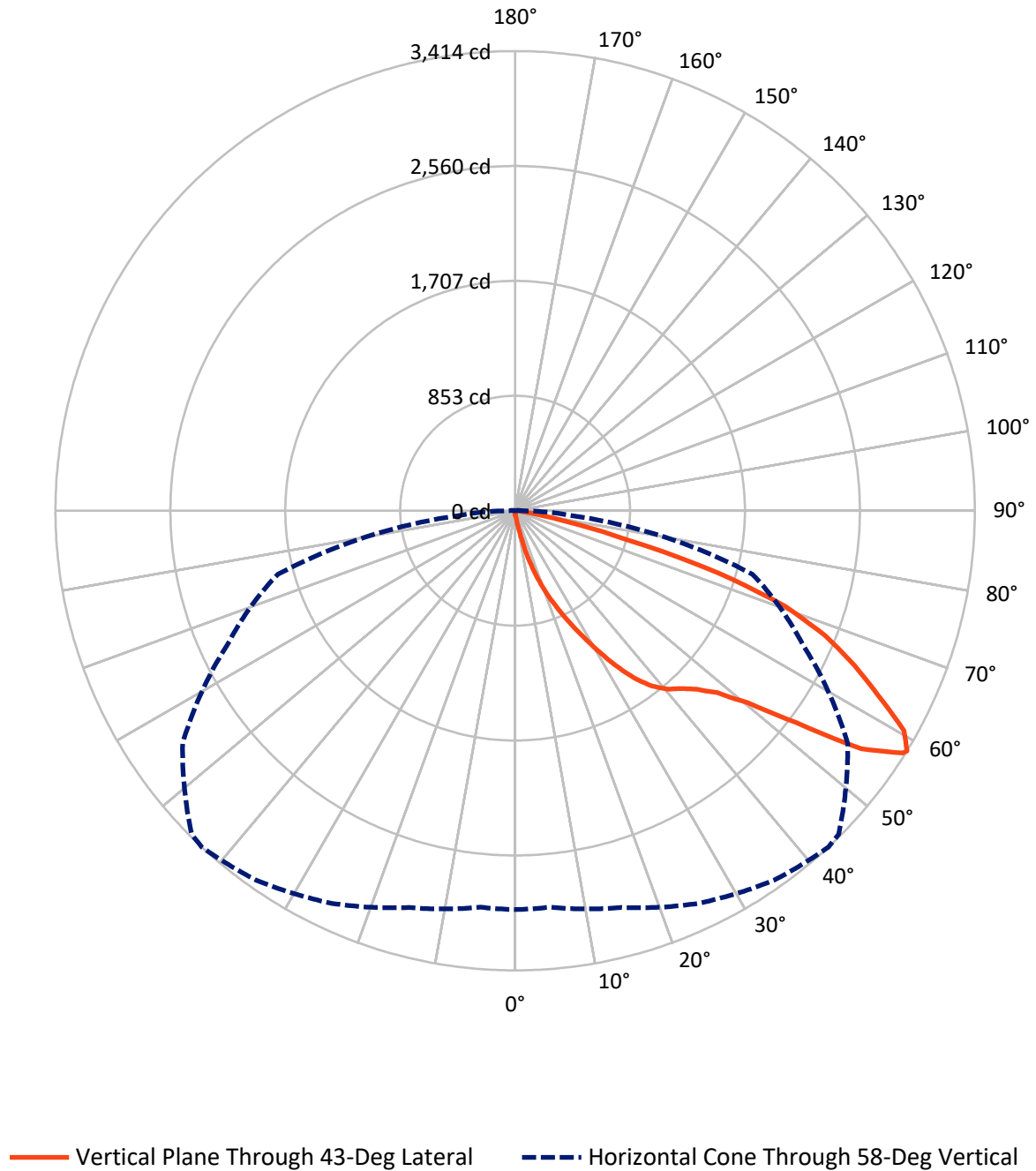


Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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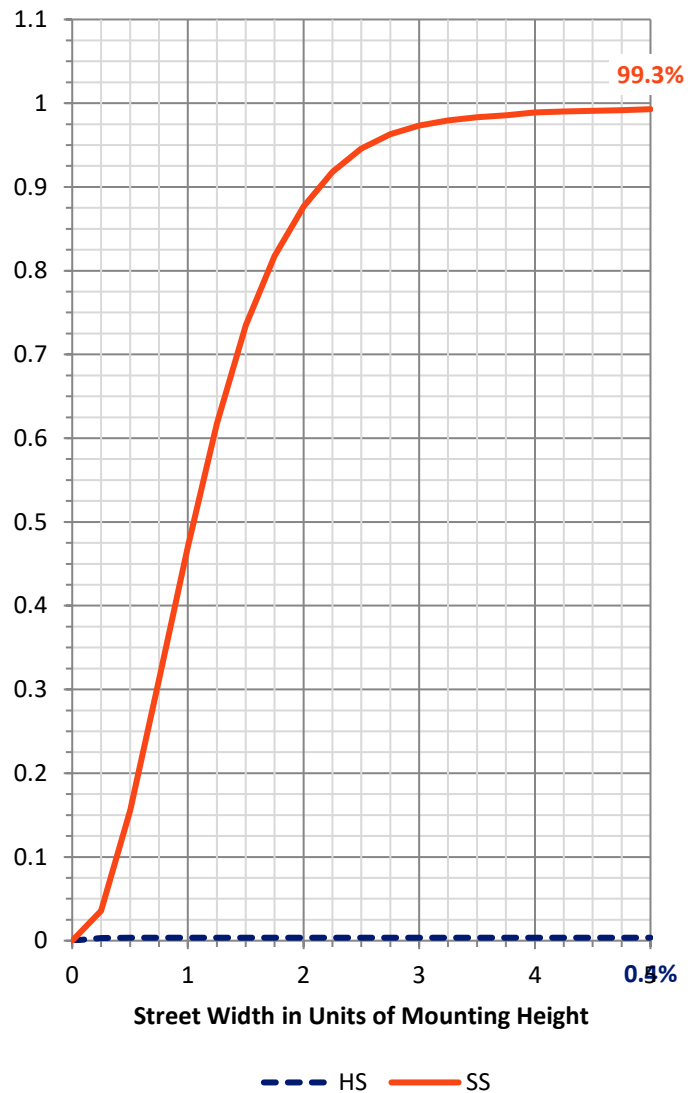
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.1	0.0	15.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4107.4	0.0	4107.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	4122.4	0.0	4122.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.1
10°-20°	47.4	1.1
20°-30°	170.8	4.1
30°-40°	390.8	9.5
40°-50°	659.1	16.0
50°-60°	1087.7	26.4
60°-70°	1215.6	29.5
70°-80°	501.9	12.2
80°-90°	45.2	1.1
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°	4122.4	100.0
0°-180°	4122.4	100.0



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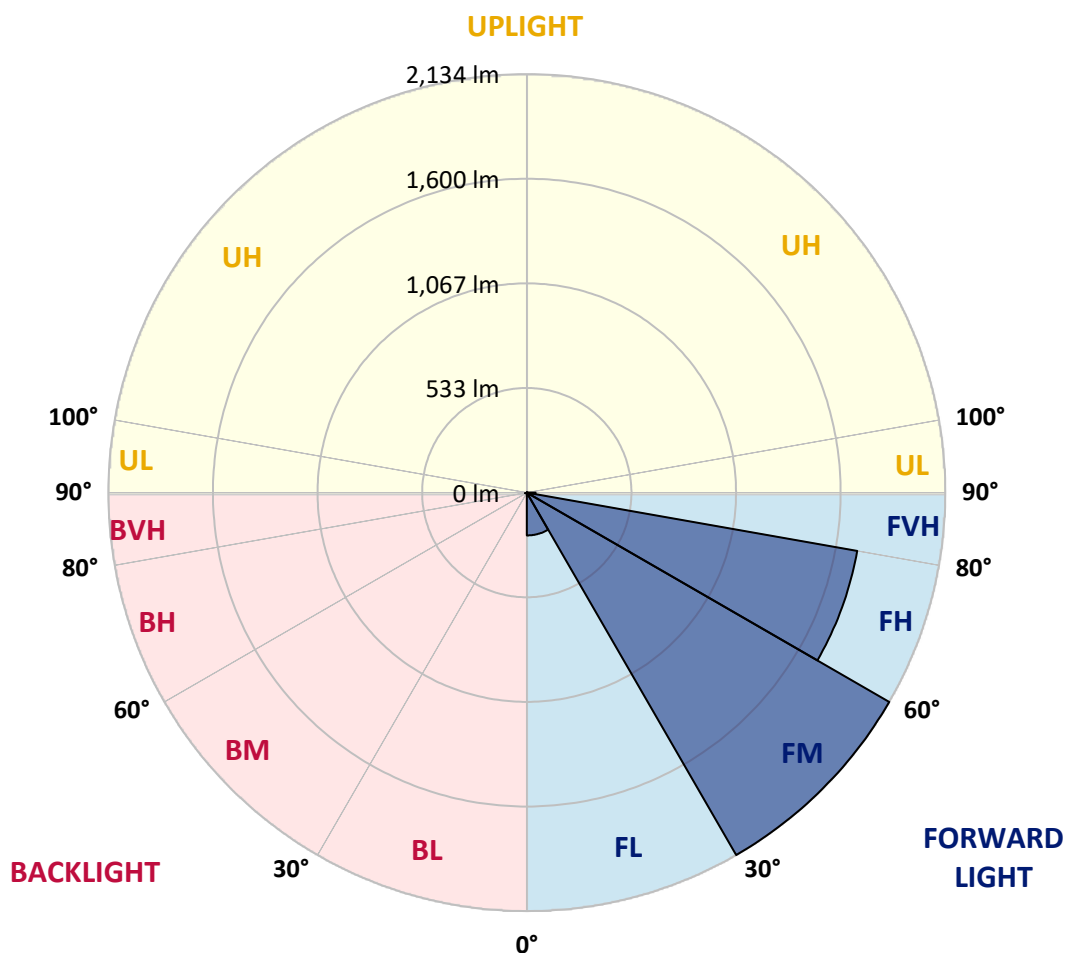
CATALOG NUMBER: GLAN-SA1C-930-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	218.2	5.3			
FM	(30°-60°)	2133.9	51.8			
FH	(60°-80°)	1710.6	41.5			G1/1800
FVH	(80°-90°)	44.6	1.1			G1/100
BL	(0°-30°)	3.9	0.1	B0/110		
BM	(30°-60°)	3.6	0.1	B0/220		
BH	(60°-80°)	6.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
2.5°	32.3	33.4	32.3	32.3	32.3	31.3	31.3	30.2	30.2	29.1	28.0
5°	47.4	47.4	44.2	42.0	39.9	38.8	37.7	35.6	33.4	31.3	29.1
7.5°	105.7	105.7	96.0	83.0	65.8	56.1	53.9	44.2	37.7	33.4	29.1
10°	252.3	252.3	230.7	195.2	150.9	112.1	100.3	63.6	45.3	35.6	30.2
12.5°	419.4	424.8	397.8	352.6	286.8	218.9	195.2	116.4	60.4	38.8	30.2
15°	569.3	556.3	548.8	505.7	443.1	362.3	332.1	196.2	87.3	44.2	30.2
17.5°	670.6	670.6	659.8	630.7	573.6	502.4	477.6	317.0	141.2	50.7	31.3
20°	789.2	789.2	769.8	749.3	698.7	638.3	614.6	450.7	218.9	64.7	31.3
22.5°	932.6	934.8	913.2	876.6	828.0	761.2	740.7	574.7	317.0	86.3	32.3
25°	1107.3	1109.4	1078.2	1043.7	969.3	897.0	865.8	717.0	436.7	120.8	32.3
27.5°	1300.3	1315.4	1269.0	1209.7	1131.0	1040.4	1016.7	845.3	555.3	170.4	34.5
30°	1540.7	1540.7	1479.3	1396.2	1311.1	1198.9	1168.7	980.1	681.4	236.1	36.7
32.5°	1747.7	1731.6	1652.8	1565.5	1474.9	1370.4	1338.0	1121.3	810.8	318.1	41.0
35°	1906.2	1892.2	1795.2	1701.4	1622.7	1526.7	1487.9	1274.4	947.7	410.8	47.4
37.5°	2042.1	2036.7	1905.1	1787.6	1735.9	1651.8	1617.3	1418.9	1082.5	511.1	55.0
40°	2190.9	2173.6	2033.4	1887.9	1810.3	1742.3	1711.1	1535.3	1211.9	628.6	65.8
42.5°	2318.1	2297.6	2171.4	2029.1	1896.5	1804.9	1774.7	1633.4	1338.0	746.1	79.8
45°	2459.3	2448.5	2321.3	2213.5	2036.7	1890.0	1850.2	1712.1	1453.4	886.3	98.1
47.5°	2671.7	2652.3	2533.7	2445.3	2240.5	2019.4	1962.3	1793.0	1564.4	1024.3	126.1
50°	2918.6	2905.7	2835.6	2765.5	2561.7	2240.5	2172.5	1909.5	1688.4	1188.2	162.8
52.5°	3120.2	3118.1	3126.7	3127.8	2973.6	2612.4	2511.1	2097.1	1830.7	1349.9	214.6
55°	3115.9	3125.6	3220.5	3329.4	3341.3	3120.2	3022.1	2413.0	2016.2	1549.3	286.8
57.5°	2999.5	2991.9	3092.2	3256.1	3371.5	3395.2	3379.0	2903.5	2295.4	1789.8	397.8
58°	2961.8	2955.3	3050.2	3217.3	3349.9	3413.5	3397.3	3014.6	2358.0	1824.3	428.0
60°	2824.8	2825.9	2882.0	3034.0	3166.6	3317.6	3332.6	3331.6	2669.6	2055.0	580.1
62.5°	2643.7	2635.1	2686.8	2810.8	2927.3	3028.6	3054.5	3353.1	3125.6	2348.3	870.1
65°	2393.6	2380.6	2435.6	2575.8	2700.8	2766.6	2767.7	3064.2	3340.2	2663.1	1284.1
67.5°	1928.9	1918.1	2028.1	2208.1	2401.1	2487.4	2526.2	2658.8	3159.1	2876.6	1521.3
70°	1181.7	1204.3	1357.4	1639.9	1969.8	2128.3	2186.5	2227.5	2690.1	2844.2	1272.2
72.5°	545.6	518.6	649.1	846.4	1222.7	1575.2	1635.6	1796.2	2132.6	2469.0	948.8
75°	254.4	244.7	274.9	369.8	554.2	850.7	960.7	1434.0	1635.6	1717.5	684.6
77.5°	130.5	131.5	156.3	168.2	228.6	393.5	451.8	943.4	1198.9	958.5	459.3
80°	57.1	59.3	60.4	65.8	92.7	152.0	171.4	437.7	819.4	488.4	251.2
82.5°	36.7	37.7	37.7	37.7	44.2	60.4	69.0	175.7	408.6	242.6	77.6
85°	19.4	19.4	21.6	27.0	31.3	36.7	38.8	56.1	134.8	72.2	18.3
87.5°	10.8	11.9	12.9	16.2	20.5	24.8	27.0	38.8	51.8	49.6	4.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
2.5°	28.0	27.0	25.9	24.8	23.7	22.6	22.6	22.6	22.6	22.6	22.6
5°	27.0	25.9	24.8	22.6	20.5	19.4	18.3	17.3	17.3	17.3	17.3
7.5°	27.0	25.9	22.6	20.5	18.3	16.2	14.0	14.0	14.0	14.0	14.0
10°	27.0	24.8	21.6	18.3	15.1	12.9	11.9	10.8	10.8	10.8	10.8
12.5°	27.0	23.7	20.5	16.2	12.9	10.8	9.7	8.6	8.6	8.6	8.6
15°	27.0	23.7	19.4	15.1	11.9	8.6	7.5	6.5	6.5	6.5	6.5
17.5°	25.9	22.6	18.3	12.9	9.7	6.5	5.4	4.3	4.3	5.4	5.4
20°	24.8	21.6	16.2	10.8	7.5	5.4	3.2	3.2	3.2	3.2	3.2
22.5°	24.8	21.6	15.1	9.7	6.5	3.2	2.2	2.2	2.2	2.2	3.2
25°	24.8	20.5	12.9	7.5	4.3	2.2	1.1	1.1	1.1	1.1	1.1
27.5°	24.8	20.5	11.9	6.5	3.2	2.2	1.1	0.0	0.0	0.0	0.0
30°	23.7	19.4	10.8	5.4	2.2	1.1	0.0	0.0	0.0	0.0	0.0
32.5°	23.7	18.3	8.6	4.3	2.2	1.1	0.0	0.0	0.0	0.0	0.0
35°	24.8	17.3	7.5	3.2	1.1	0.0	0.0	0.0	0.0	0.0	1.1
37.5°	25.9	16.2	6.5	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	27.0	15.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	29.1	15.1	5.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	31.3	15.1	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	35.6	16.2	4.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	38.8	17.3	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	43.1	16.2	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	48.5	16.2	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	52.8	15.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	55.0	14.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	65.8	12.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	102.4	10.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	208.1	9.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	388.1	8.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	434.5	9.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	273.9	7.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	144.5	7.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	72.2	7.5	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.4	5.4	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	14.0	3.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.5	3.2	2.2	2.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	3.2	3.2	3.2	2.2	2.2	1.1	1.1	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

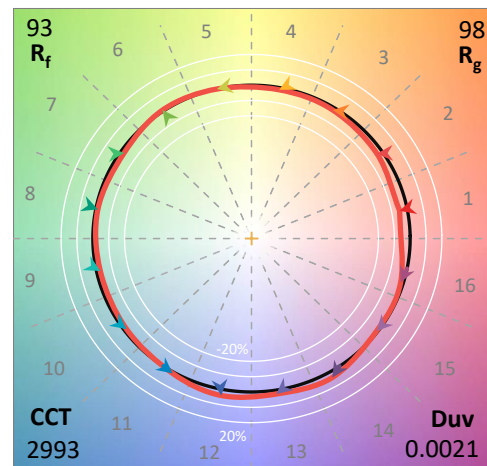
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

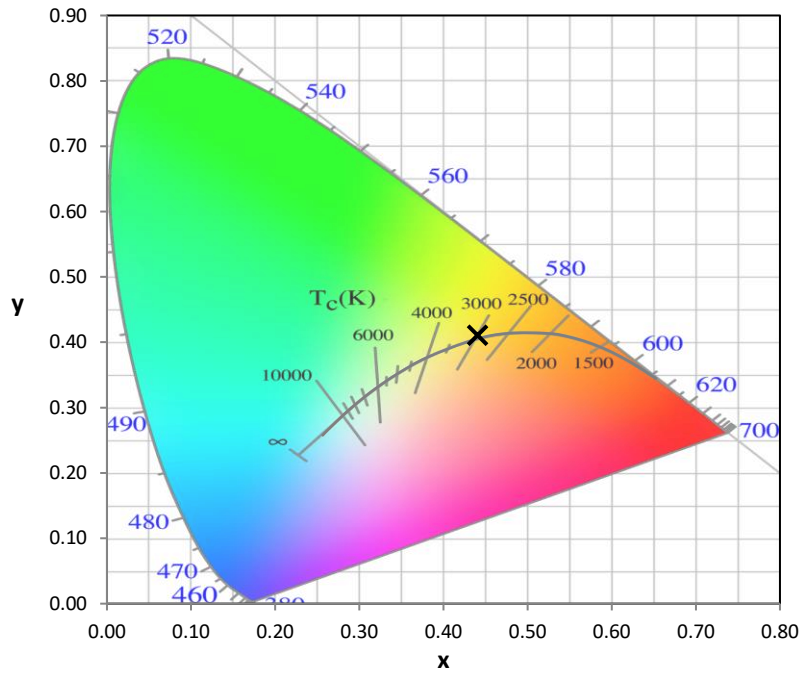
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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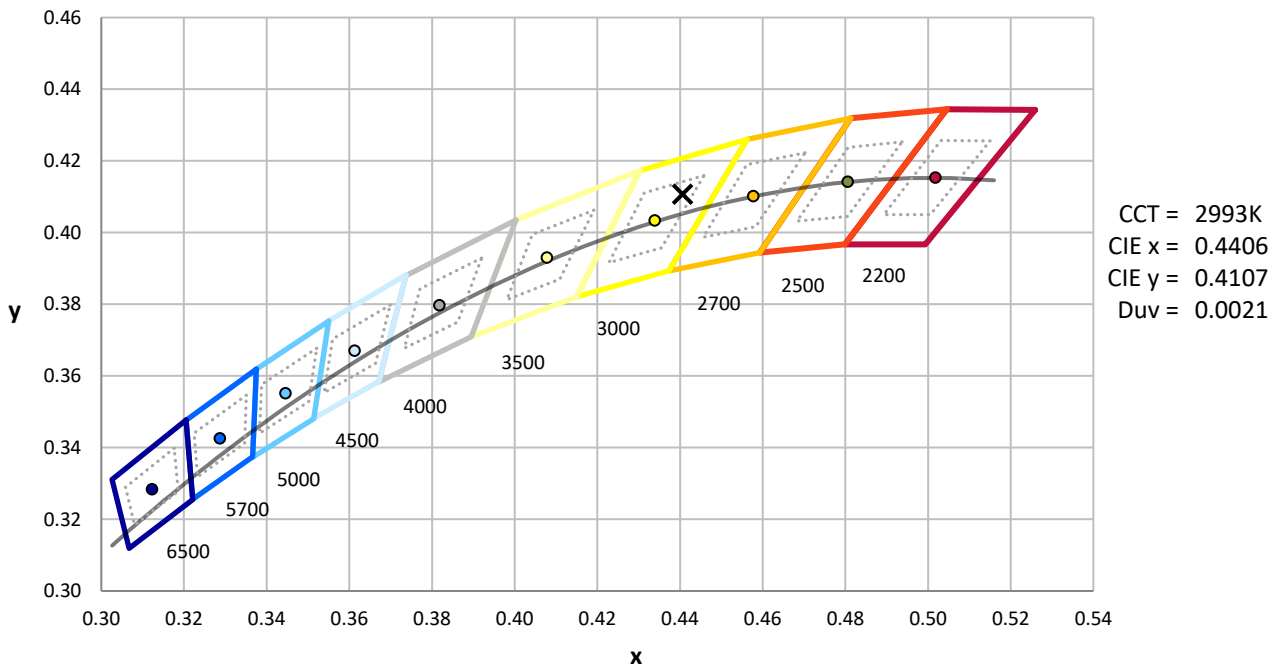
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



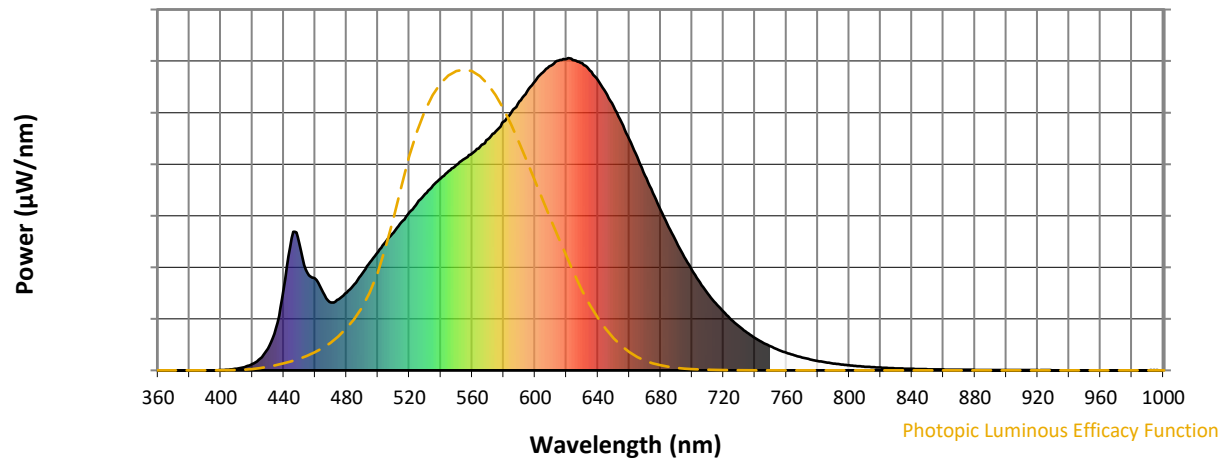
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

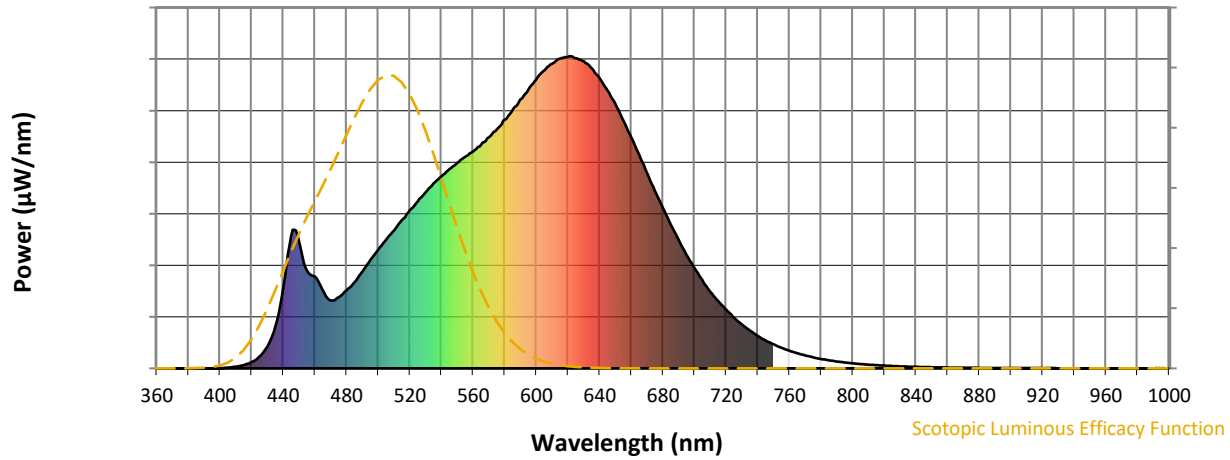


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



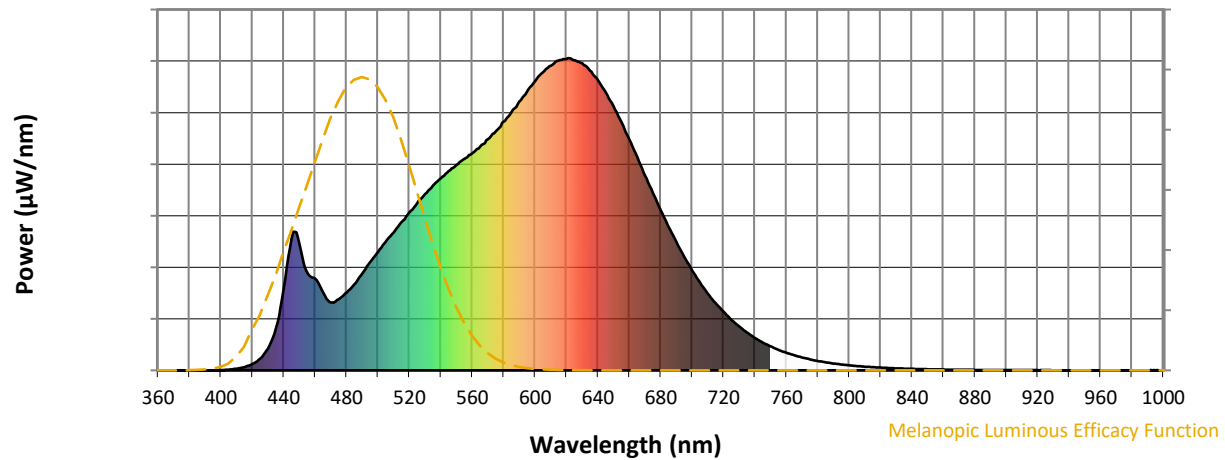
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

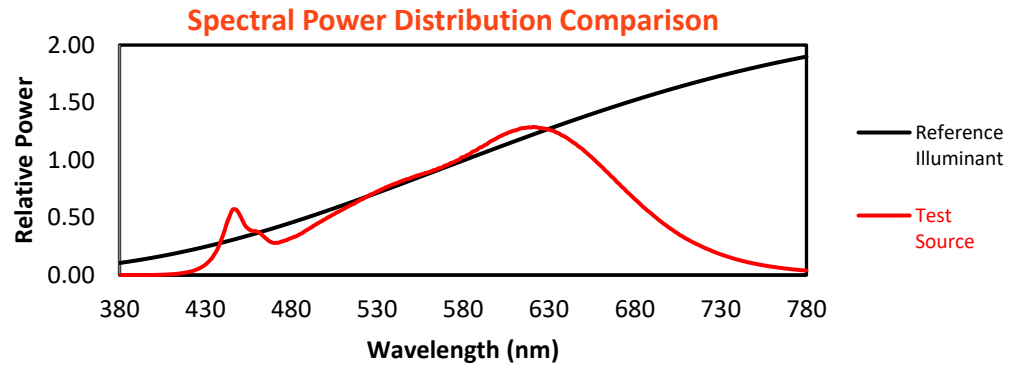
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

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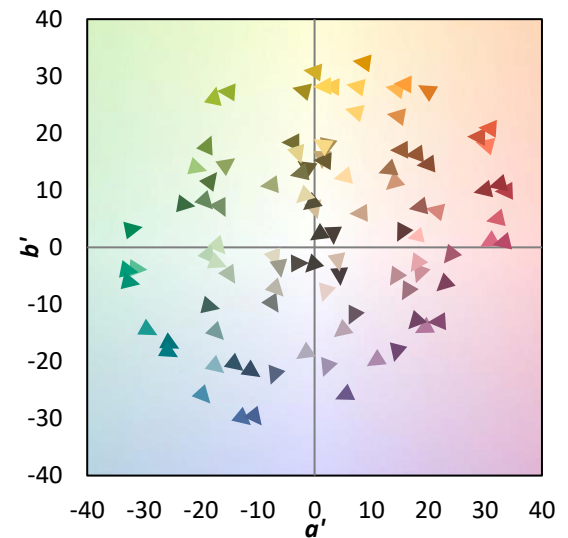
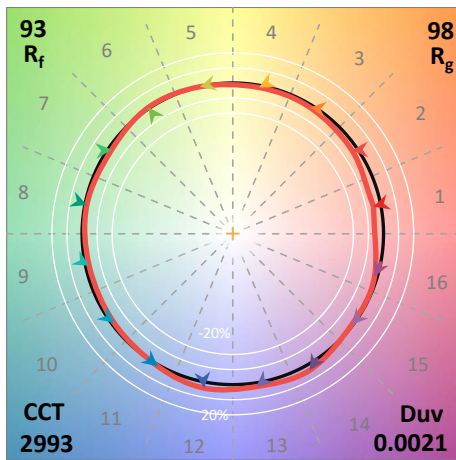
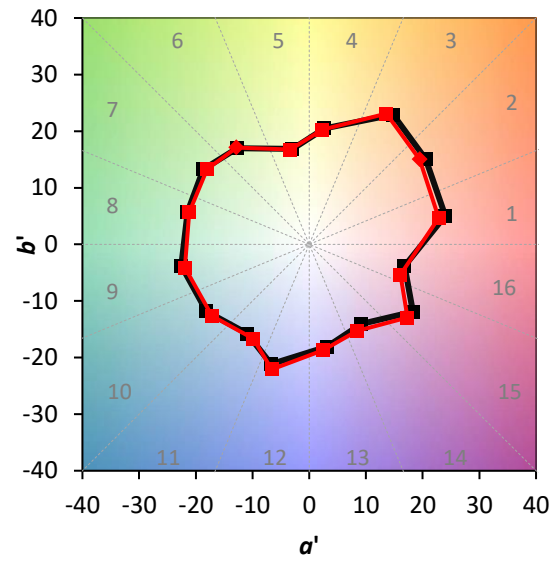
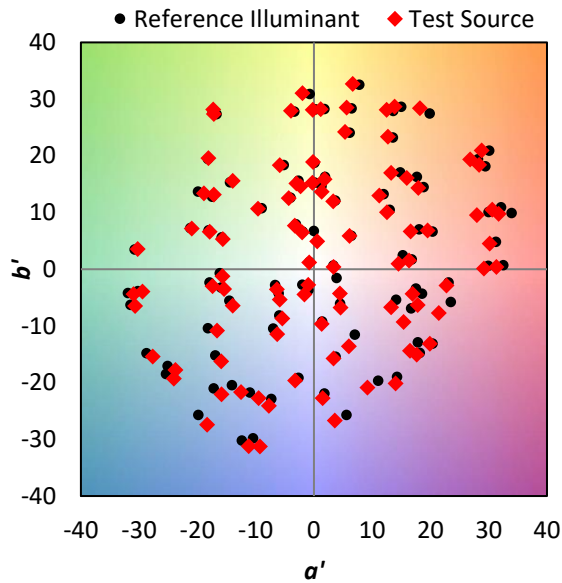
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

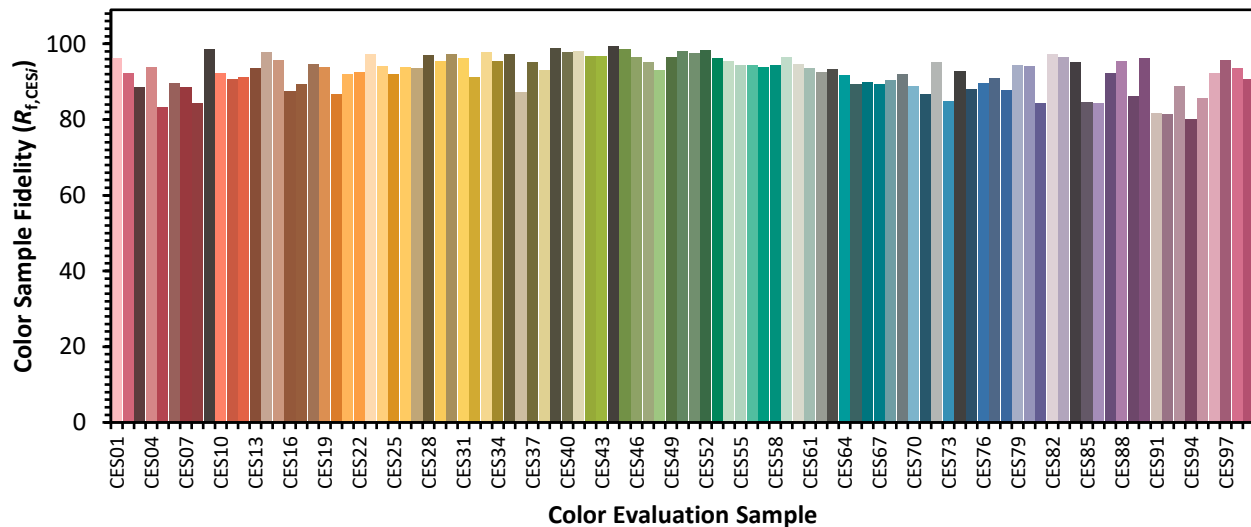


Color Vector Graphics

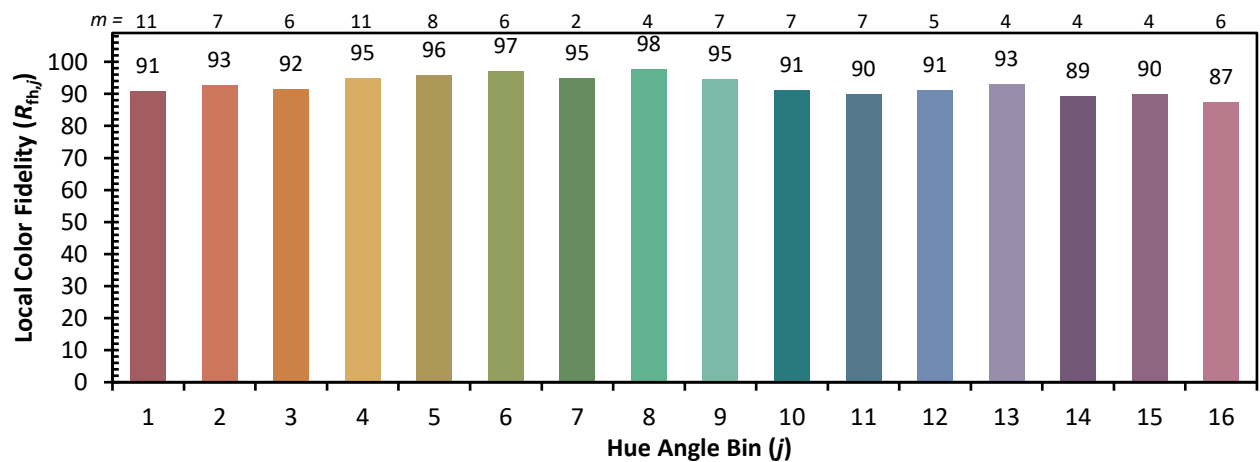
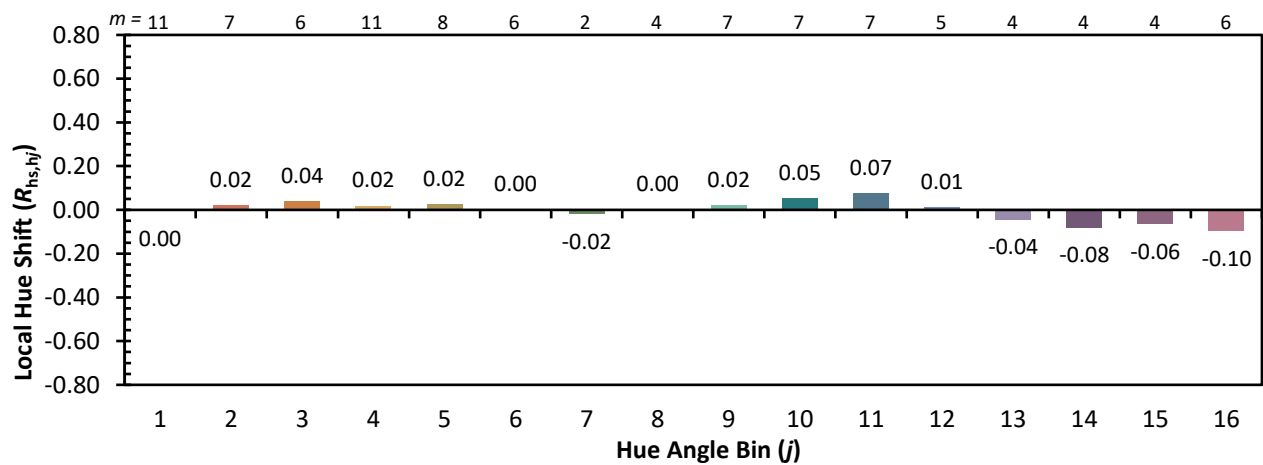
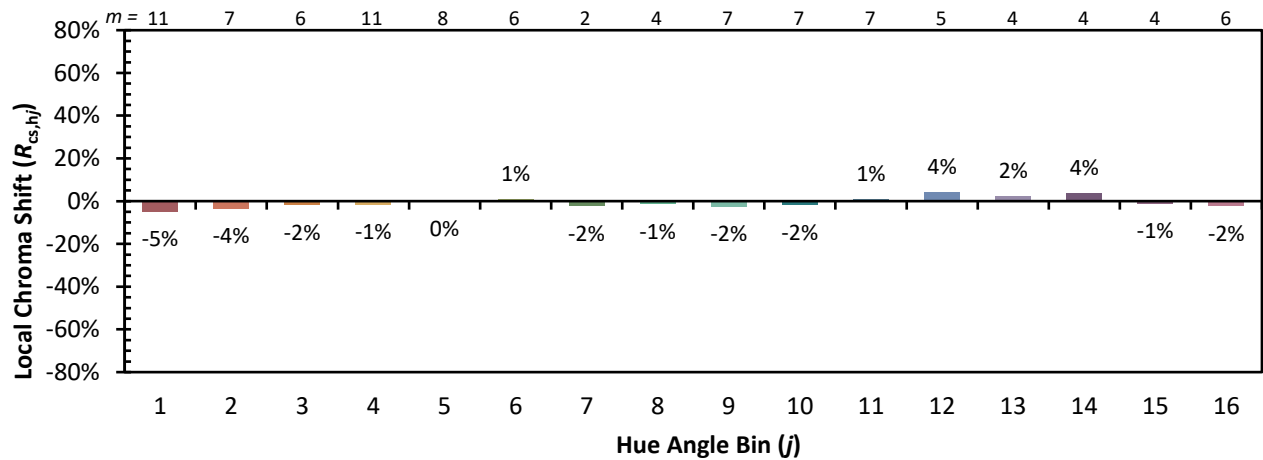


Individual Sample Fidelity Index ($R_{f,i}$)

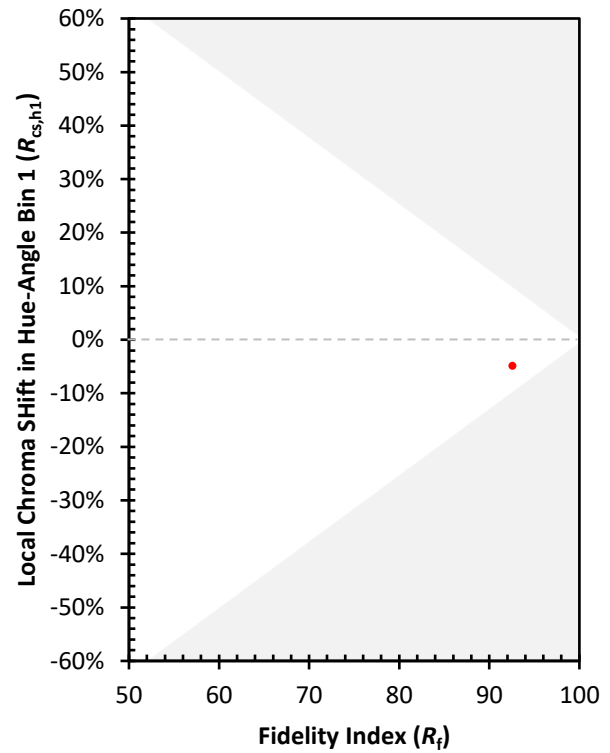
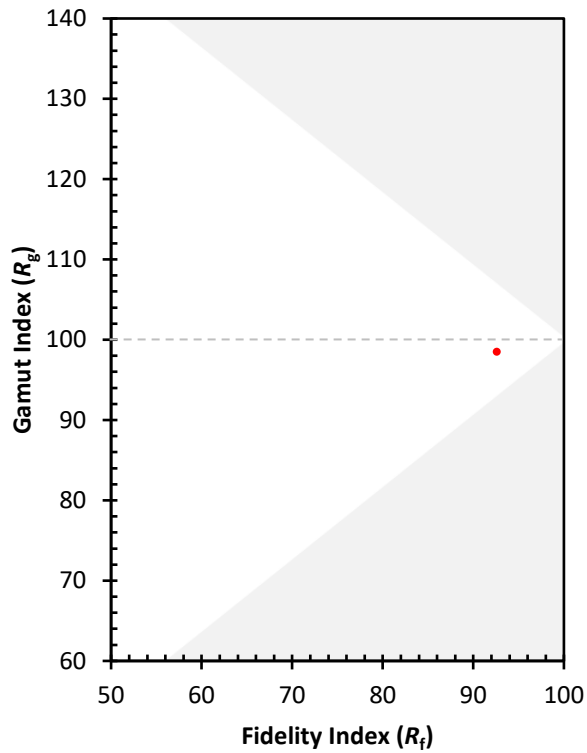
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)