

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: P1063982

Luminaire Tested: **GLAN-SA1B-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063982
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1B-730-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4490.1 lumens
Efficiency: N/A
Efficacy: 116.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

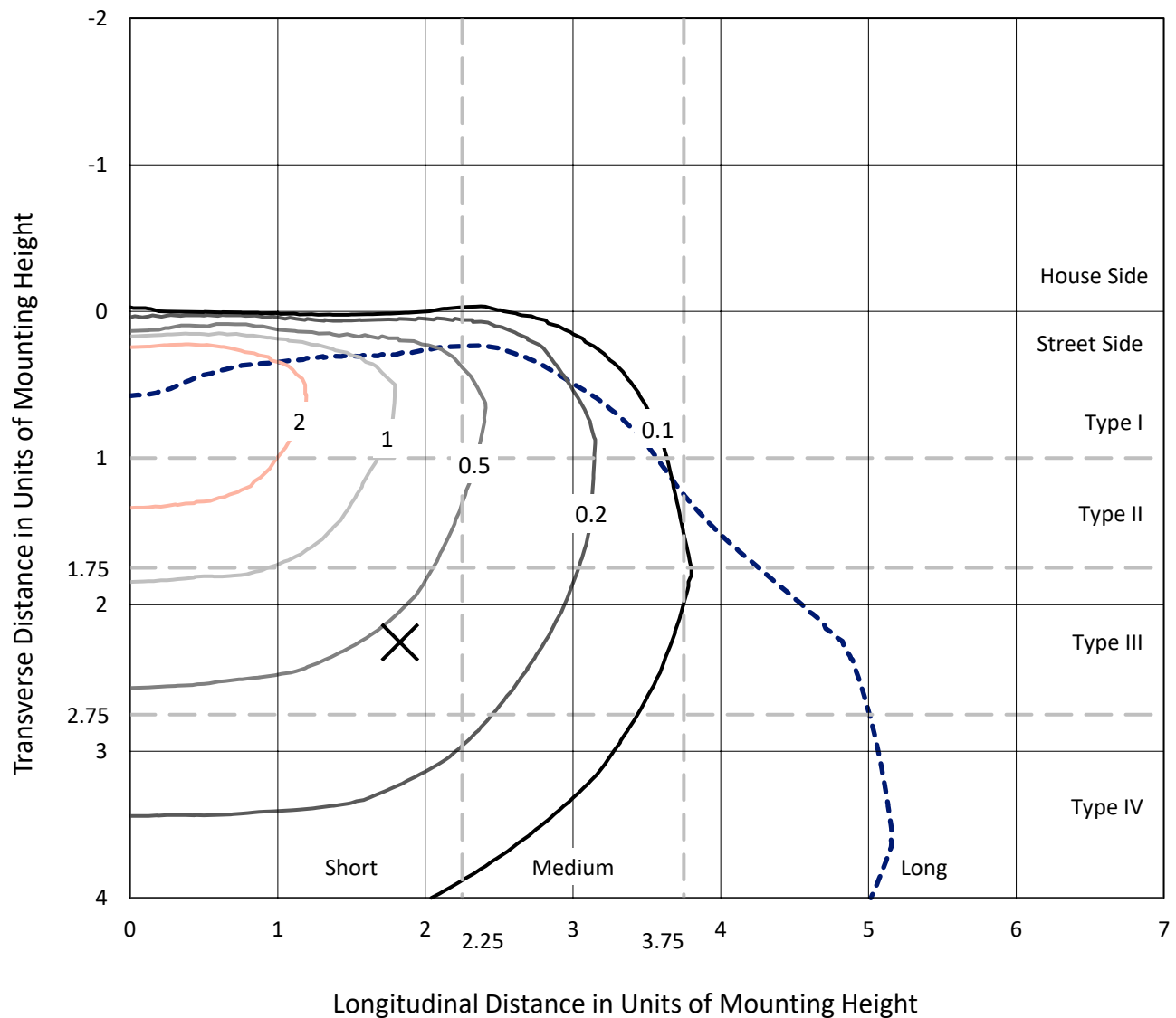


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

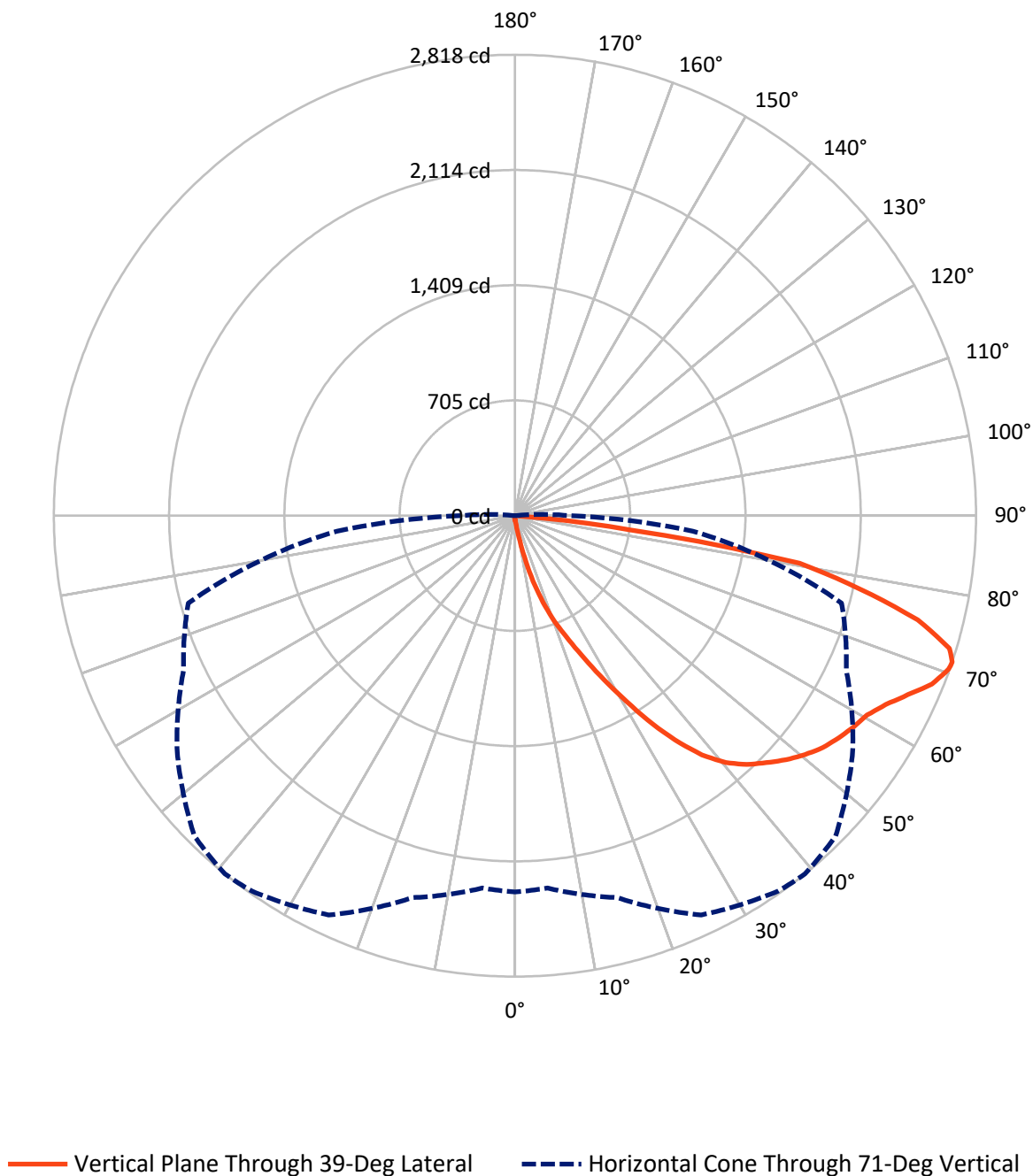


Based on 15 foot mounting height. Maximum calculated value = 4.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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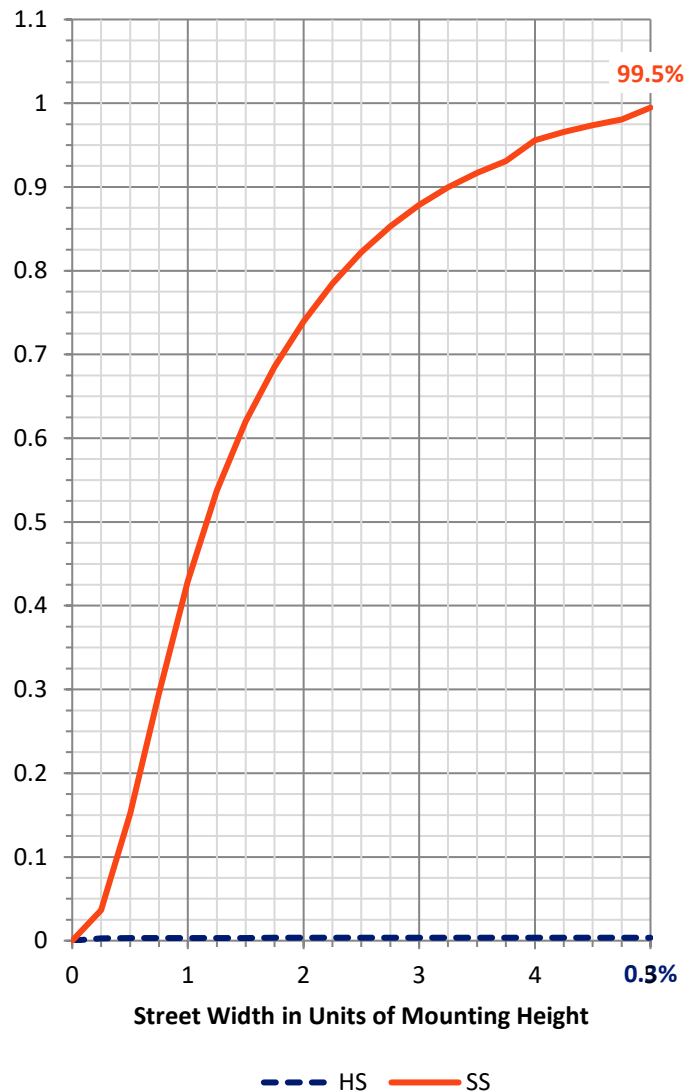
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.9	0.0	15.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4474.2	0.0	4474.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	4490.1	0.0	4490.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	48.0	1.1
20°-30°	170.9	3.8
30°-40°	411.9	9.2
40°-50°	689.3	15.4
50°-60°	885.4	19.7
60°-70°	1120.5	25.0
70°-80°	998.9	22.2
80°-90°	161.5	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°	4490.1	100.0
0°-180°	4490.1	100.0



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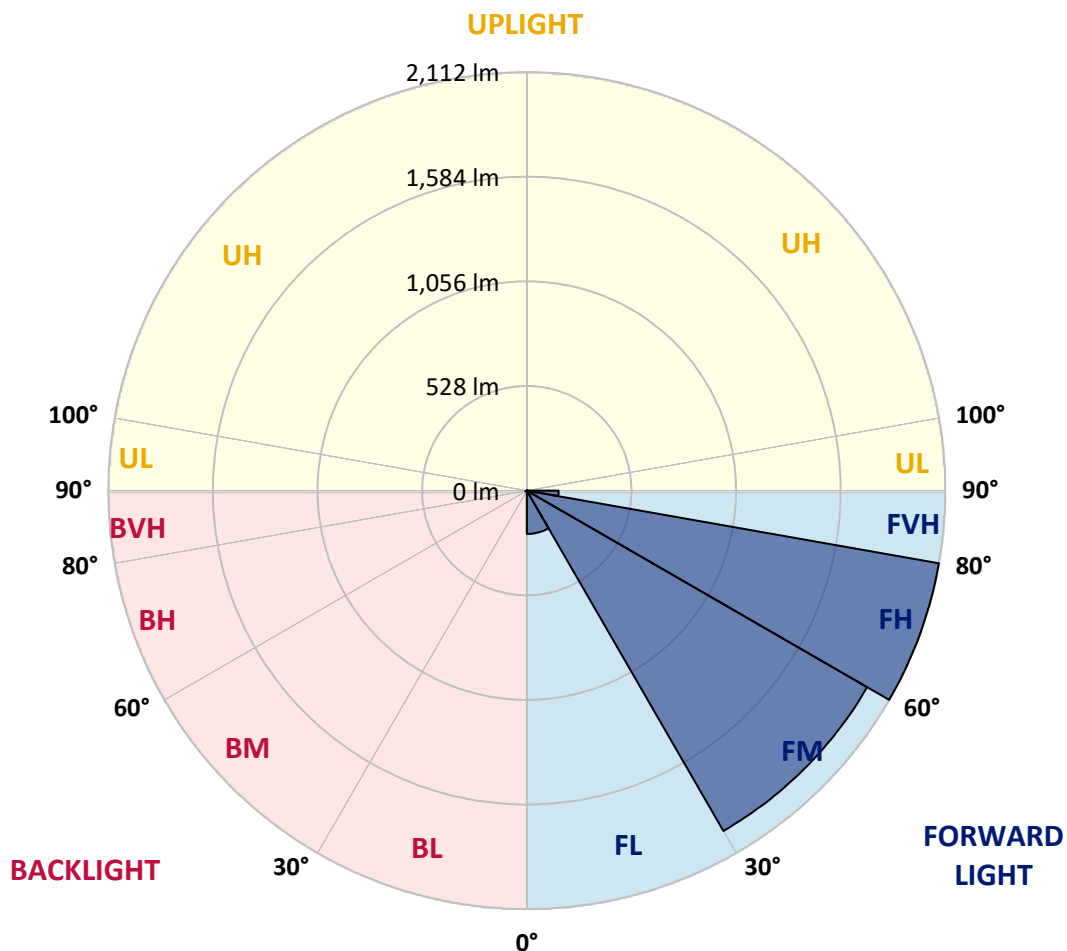
CATALOG NUMBER: GLAN-SA1B-730-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	218.8	4.9			
FM	(30°-60°)	1982.9	44.2			
FH	(60°-80°)	2111.7	47.0			G2/5000
FVH	(80°-90°)	160.7	3.6			G2/225
BL	(0°-30°)	3.9	0.1	B0/110		
BM	(30°-60°)	3.7	0.1	B0/220		
BH	(60°-80°)	7.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
2.5°	28.3	28.3	28.3	27.4	27.4	27.1	26.7	26.7	26.1	25.8	25.2
5°	42.9	41.9	39.8	38.6	36.2	34.7	33.1	31.0	28.9	27.4	25.5
7.5°	97.0	99.1	92.1	79.0	65.7	59.9	50.2	40.4	33.4	28.9	25.8
10°	247.1	245.9	222.2	196.1	151.4	133.4	104.6	66.0	43.2	31.6	26.1
12.5°	420.4	419.2	391.2	355.6	296.7	259.3	204.6	123.1	62.0	35.9	26.1
15°	566.0	561.1	552.3	517.0	448.0	416.7	344.4	217.6	100.3	43.2	26.7
17.5°	662.3	658.1	649.9	637.1	593.3	556.2	498.2	342.0	162.3	55.9	28.0
20°	750.8	747.7	741.0	738.6	710.3	690.6	642.6	484.8	252.9	76.0	29.8
22.5°	872.4	866.0	868.7	854.1	826.5	802.8	773.3	634.4	363.5	109.4	33.1
25°	1021.3	1018.3	1010.7	1000.3	962.0	941.4	896.1	775.4	487.2	153.2	36.8
27.5°	1201.2	1197.9	1196.1	1172.4	1128.3	1105.8	1042.6	908.5	626.5	214.6	41.6
30°	1408.5	1410.1	1398.2	1367.8	1316.4	1284.8	1219.8	1048.0	769.0	286.6	46.8
32.5°	1623.1	1620.1	1601.9	1566.0	1520.1	1490.6	1407.9	1200.9	918.6	381.8	52.9
35°	1854.4	1848.7	1800.6	1759.6	1720.4	1683.3	1607.9	1378.4	1068.1	488.5	61.1
37.5°	2087.9	2060.8	1964.5	1912.5	1885.4	1855.1	1784.8	1567.8	1216.7	607.6	71.1
40°	2264.2	2243.2	2128.9	2033.2	2011.6	1985.8	1933.5	1731.3	1374.8	735.6	83.3
42.5°	2361.8	2350.2	2247.5	2152.9	2102.2	2079.4	2034.7	1874.2	1531.0	876.9	100.9
45°	2403.4	2385.5	2316.8	2272.7	2191.8	2154.1	2101.0	1982.1	1694.3	1037.4	125.5
47.5°	2390.6	2380.3	2331.1	2347.2	2288.5	2229.8	2151.7	2064.8	1833.8	1221.6	159.3
50°	2310.4	2301.6	2286.4	2373.6	2366.3	2297.0	2217.4	2130.1	1947.8	1411.6	211.6
52.5°	2157.8	2154.1	2193.1	2352.9	2410.4	2356.3	2280.6	2187.9	2054.1	1610.1	286.3
55°	1961.1	1976.0	2087.3	2320.7	2432.9	2400.1	2336.5	2242.0	2139.6	1787.6	396.7
57.5°	1880.3	1884.2	2023.1	2297.9	2442.9	2438.7	2390.9	2293.7	2218.0	1929.5	565.1
60°	1974.8	1968.7	2042.0	2315.2	2463.0	2473.3	2439.3	2341.7	2286.1	2051.4	789.4
62.5°	2145.6	2142.3	2165.7	2389.1	2521.6	2542.6	2506.4	2376.3	2346.2	2131.7	1045.3
65°	2298.2	2291.2	2334.7	2520.1	2624.7	2639.6	2608.0	2435.6	2372.7	2190.0	1285.7
67.5°	2364.2	2362.7	2432.6	2644.7	2732.9	2749.0	2721.3	2517.4	2366.6	2208.6	1391.8
70°	2334.1	2328.3	2440.2	2697.6	2794.0	2812.2	2785.5	2547.8	2300.7	2149.9	1234.7
71°	2301.0	2285.5	2417.4	2694.0	2802.5	2818.0	2771.2	2520.1	2234.4	2066.6	1092.1
72.5°	2198.2	2201.0	2354.8	2656.0	2782.1	2777.6	2690.3	2421.0	2154.5	1877.5	877.2
75°	1945.3	1961.4	2152.0	2496.4	2600.4	2542.3	2408.9	2231.7	1994.0	1346.2	609.1
77.5°	1589.7	1613.7	1823.1	2189.4	2159.9	2154.1	2148.7	1966.3	1702.8	723.1	423.7
80°	759.0	811.0	1099.7	1563.0	1697.9	1763.3	1722.2	1584.5	1316.7	344.4	253.2
82.5°	49.5	48.9	69.3	131.3	553.5	715.5	1136.8	1132.5	918.0	167.8	103.3
85°	23.4	24.0	26.4	30.1	35.0	38.3	52.9	310.0	439.2	79.9	22.5
87.5°	13.7	14.0	16.4	21.0	27.4	30.4	36.2	46.5	57.1	44.1	4.9
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: P1063982

CATALOG NUMBER: GLAN-SA1B-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
2.5°	24.9	24.6	23.7	22.8	21.9	21.3	21.0	21.3	21.3	21.6	21.6
5°	24.9	24.0	22.5	20.7	19.5	18.2	17.6	17.3	17.6	17.6	17.6
7.5°	24.6	23.1	21.0	18.8	17.3	15.8	15.2	14.9	14.9	15.2	15.2
10°	24.0	22.5	19.8	17.3	15.5	13.7	12.8	11.9	11.9	11.9	12.2
12.5°	23.7	21.6	18.2	15.8	13.4	11.2	9.4	8.5	8.8	8.8	8.8
15°	23.1	20.7	17.3	14.3	11.2	8.5	7.0	6.1	6.4	6.7	6.4
17.5°	23.1	20.4	16.1	12.5	8.8	6.4	5.2	4.6	4.6	4.9	4.9
20°	23.1	19.8	15.2	10.6	6.7	4.9	3.6	3.3	3.3	4.0	4.3
22.5°	23.7	19.8	14.0	8.8	5.5	3.6	2.7	2.4	2.7	3.3	3.6
25°	24.6	19.5	12.8	7.9	4.6	2.7	2.1	1.5	1.8	2.4	2.7
27.5°	25.5	19.1	11.6	7.0	3.6	2.1	1.5	1.2	0.9	1.2	1.2
30°	26.4	19.1	10.3	5.8	3.0	1.5	0.9	0.6	0.3	0.0	0.0
32.5°	27.1	18.5	9.4	4.6	2.4	1.2	0.6	0.3	0.0	0.0	0.0
35°	27.7	17.9	8.2	3.6	1.8	0.9	0.3	0.0	0.0	0.0	0.0
37.5°	28.3	17.0	7.0	3.0	1.5	0.6	0.0	0.0	0.0	0.0	0.0
40°	28.9	15.8	5.8	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	29.5	14.9	4.9	2.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	31.0	14.3	4.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	33.7	13.7	3.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	37.7	13.1	3.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	43.2	12.8	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	52.9	12.5	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	69.6	12.2	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	106.7	11.6	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	190.6	11.2	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	332.2	11.6	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	476.3	12.2	2.1	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	407.6	10.6	2.1	1.2	0.6	0.3	0.0	0.0	0.0	0.0	0.0
71°	332.2	9.4	2.1	1.2	0.6	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	213.7	7.3	1.8	1.2	0.6	0.6	0.3	0.0	0.0	0.0	0.0
75°	90.3	6.1	1.8	1.2	0.9	0.6	0.6	0.3	0.0	0.0	0.0
77.5°	38.6	4.6	1.8	1.5	1.2	0.9	0.9	0.6	0.3	0.0	0.0
80°	14.6	3.6	2.1	1.8	1.5	1.5	1.2	0.6	0.3	0.0	0.0
82.5°	6.7	3.0	2.1	1.8	1.8	1.5	1.2	0.9	0.6	0.0	0.0
85°	4.3	2.7	2.1	1.8	1.8	1.5	1.5	0.9	0.6	0.0	0.0
87.5°	3.3	2.7	2.1	2.1	1.8	1.8	1.2	0.9	0.3	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

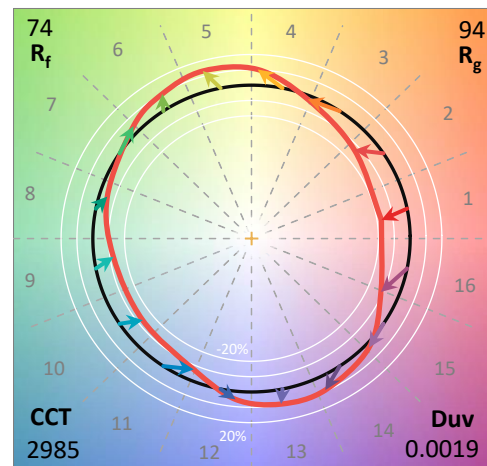
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

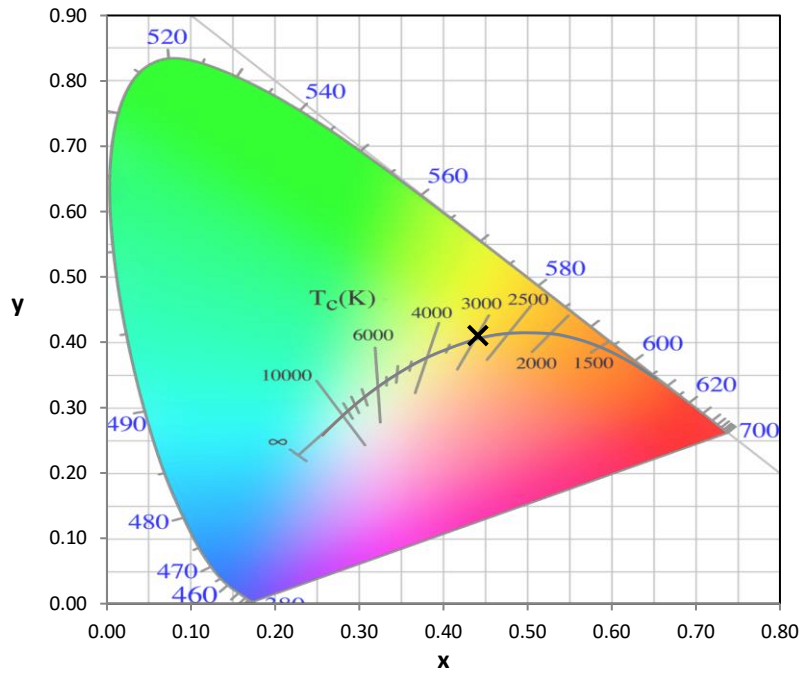
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

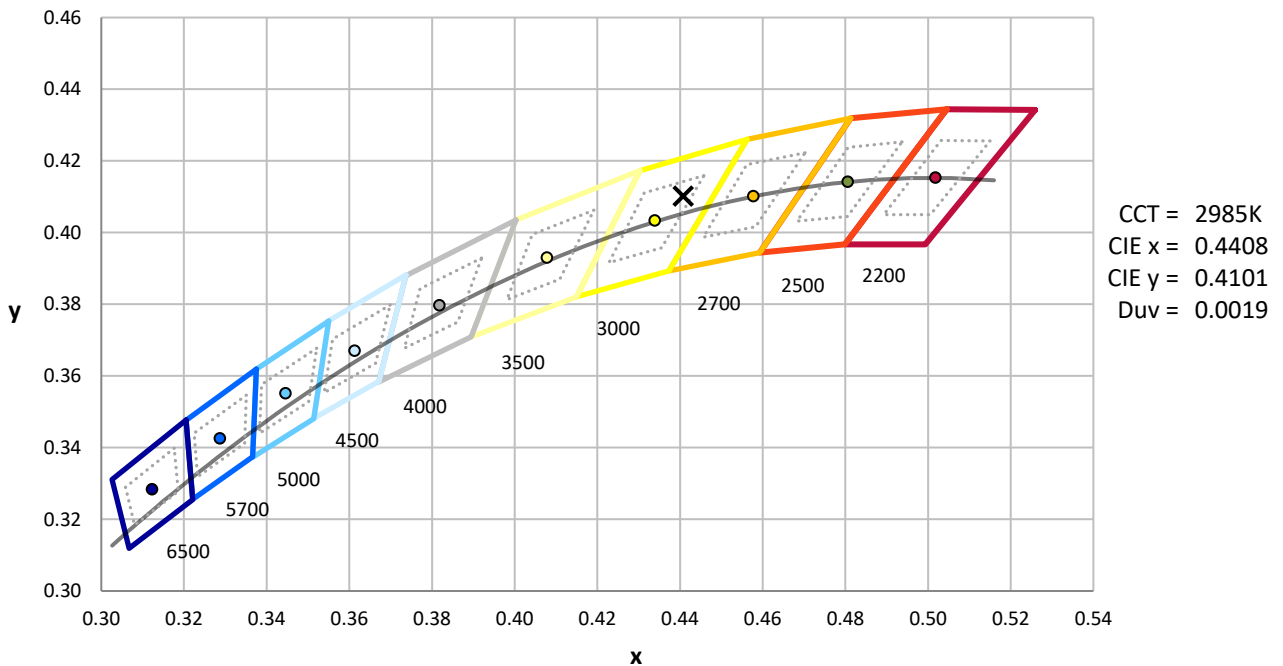
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



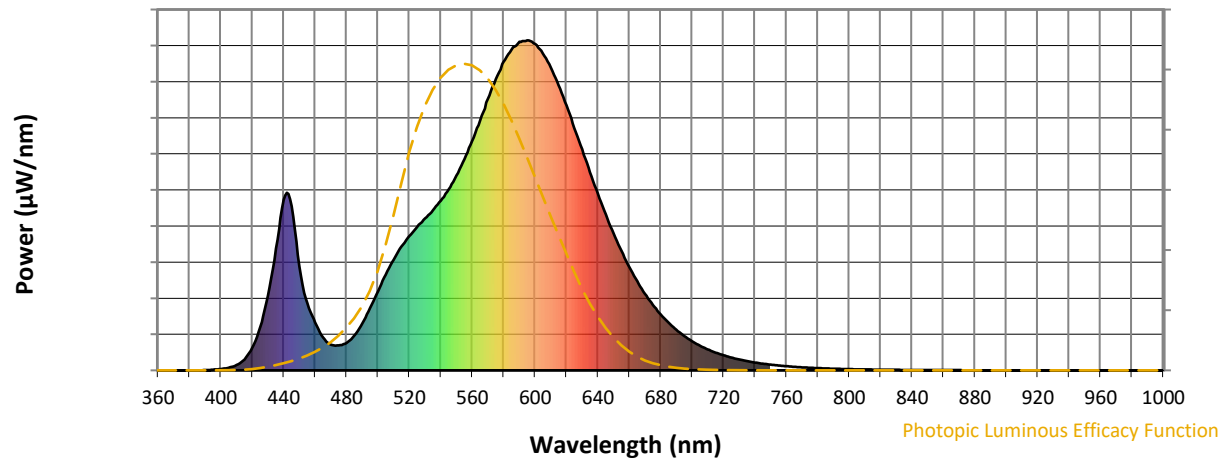
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

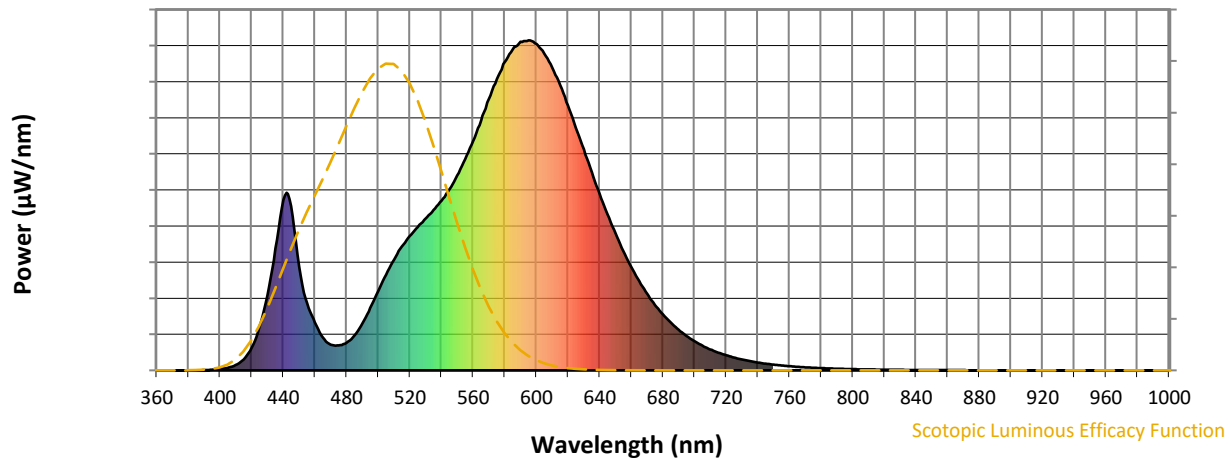


Photopic Lumens: NR

λ (nm)	Power 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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



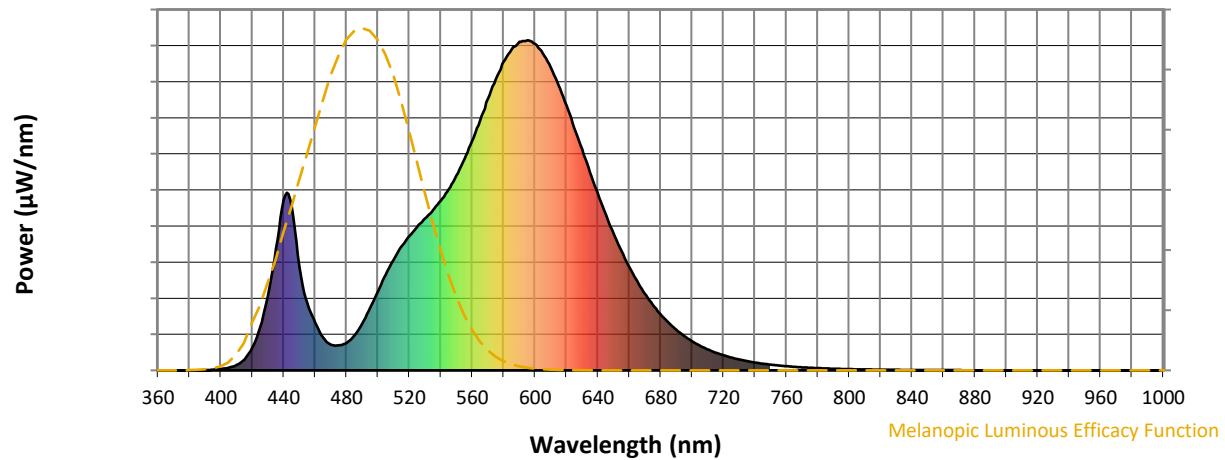
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

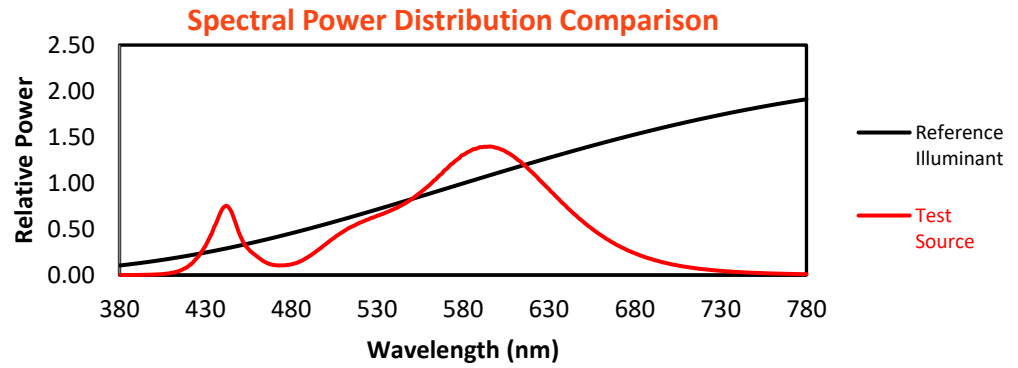
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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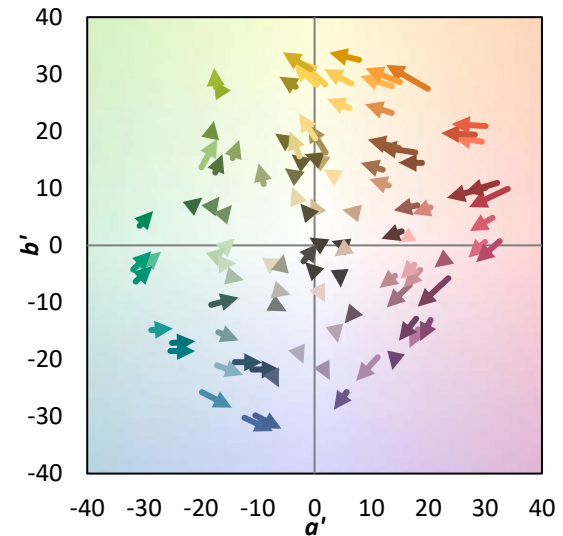
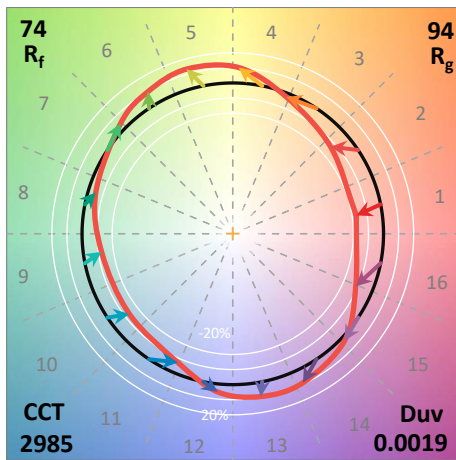
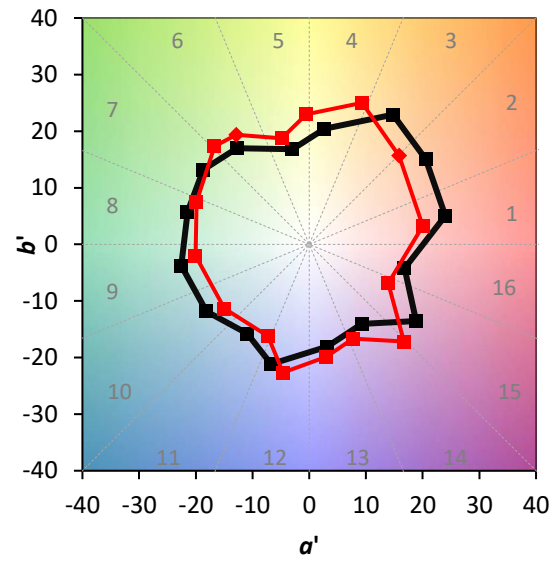
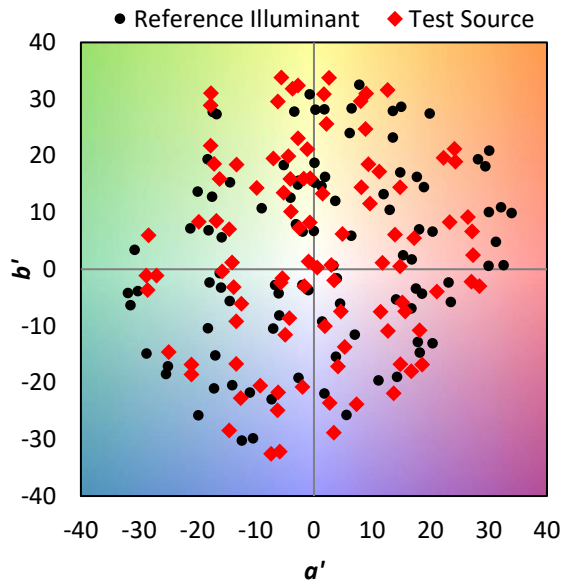
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$

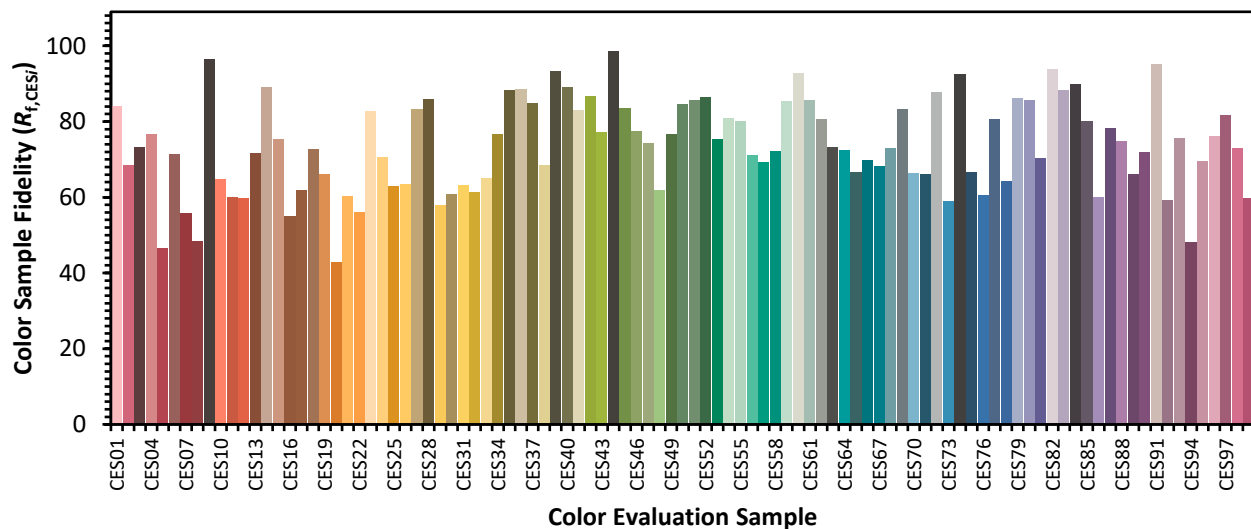


Color Vector Graphics

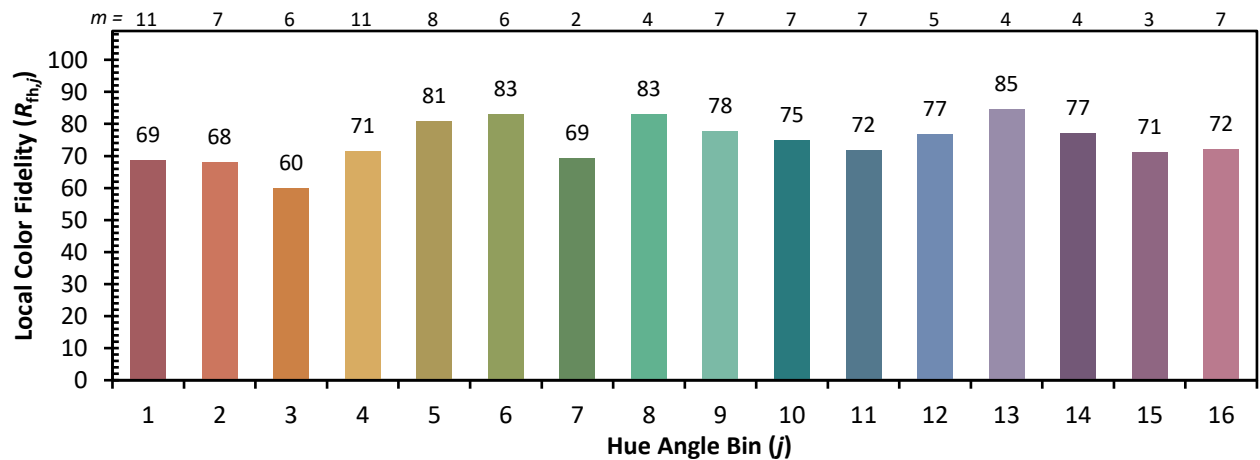
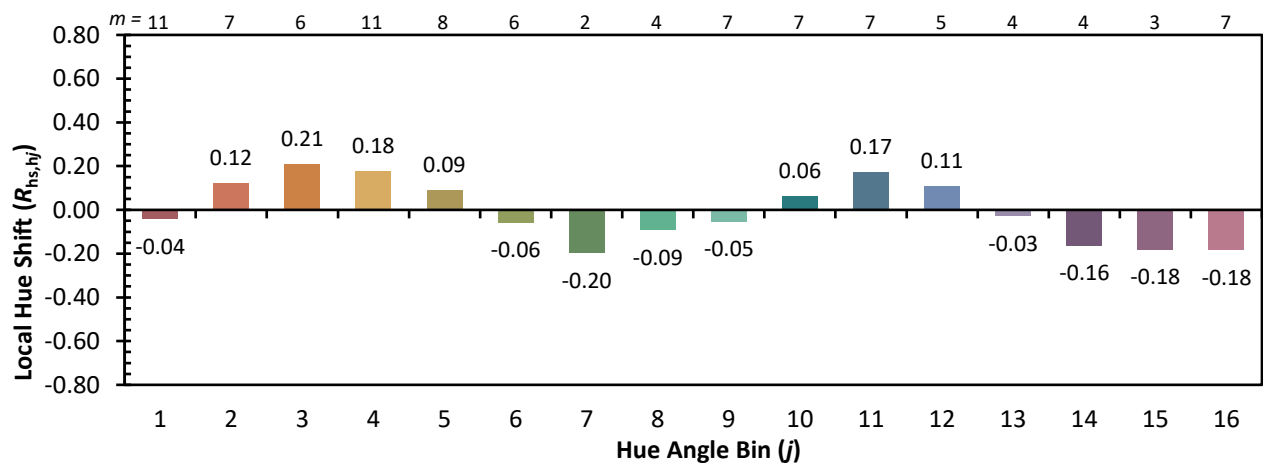
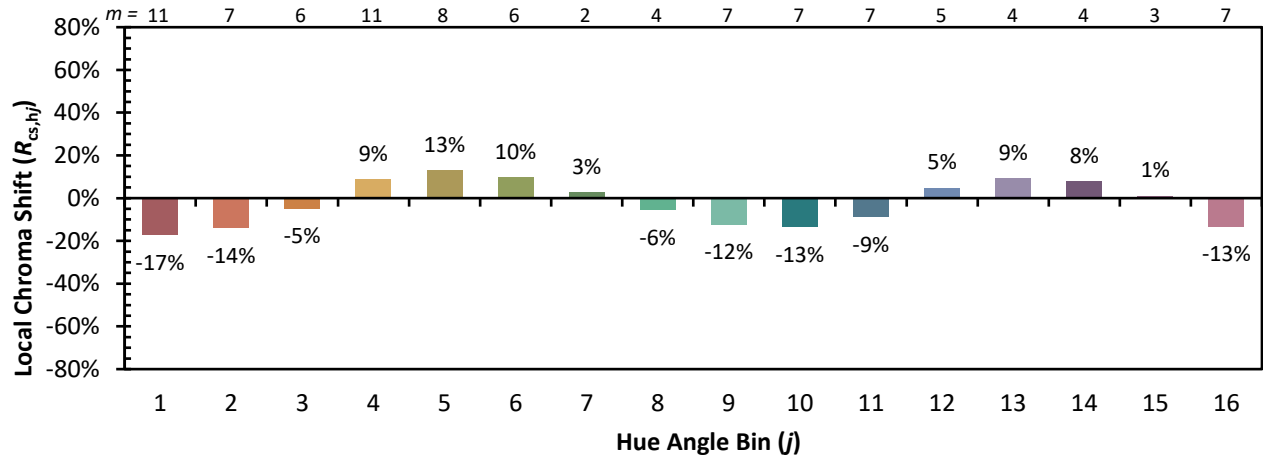


Individual Sample Fidelity Index ($R_{f,i}$)

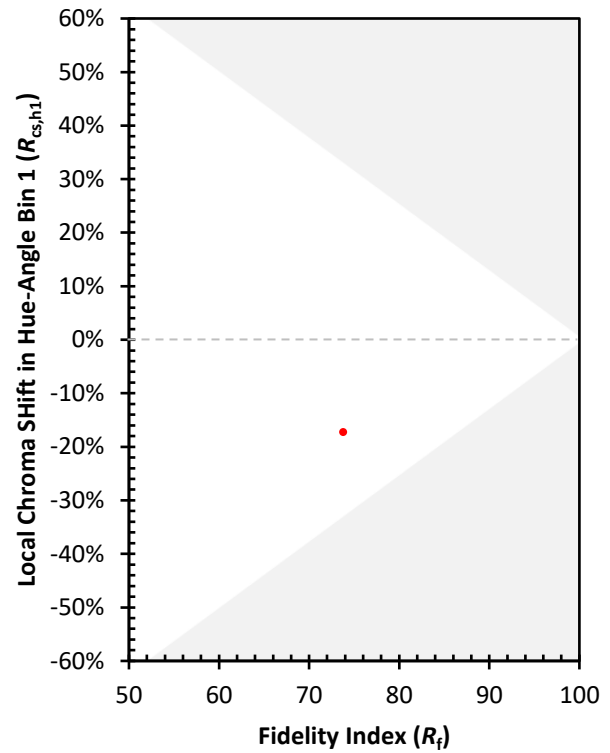
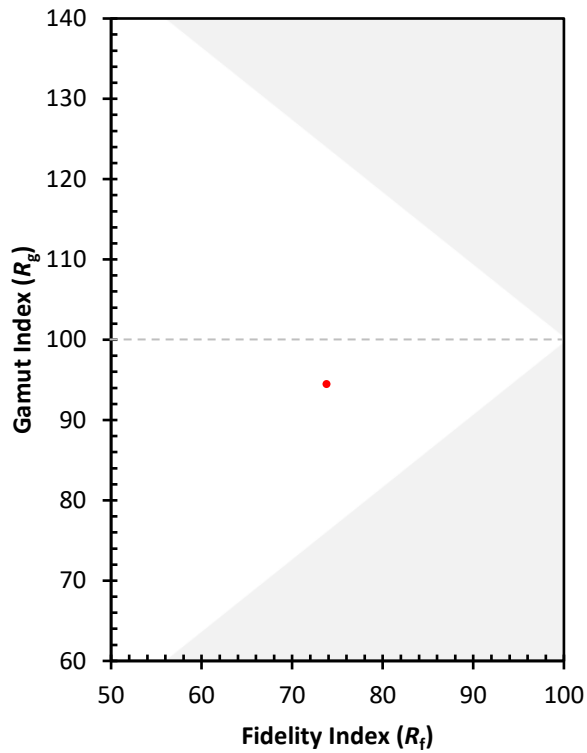
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)