

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: P1063730

Luminaire Tested: **GLAN-SA1B-930-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063730
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1B-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3143.6 lumens
Efficiency: N/A
Efficacy: 81.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

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

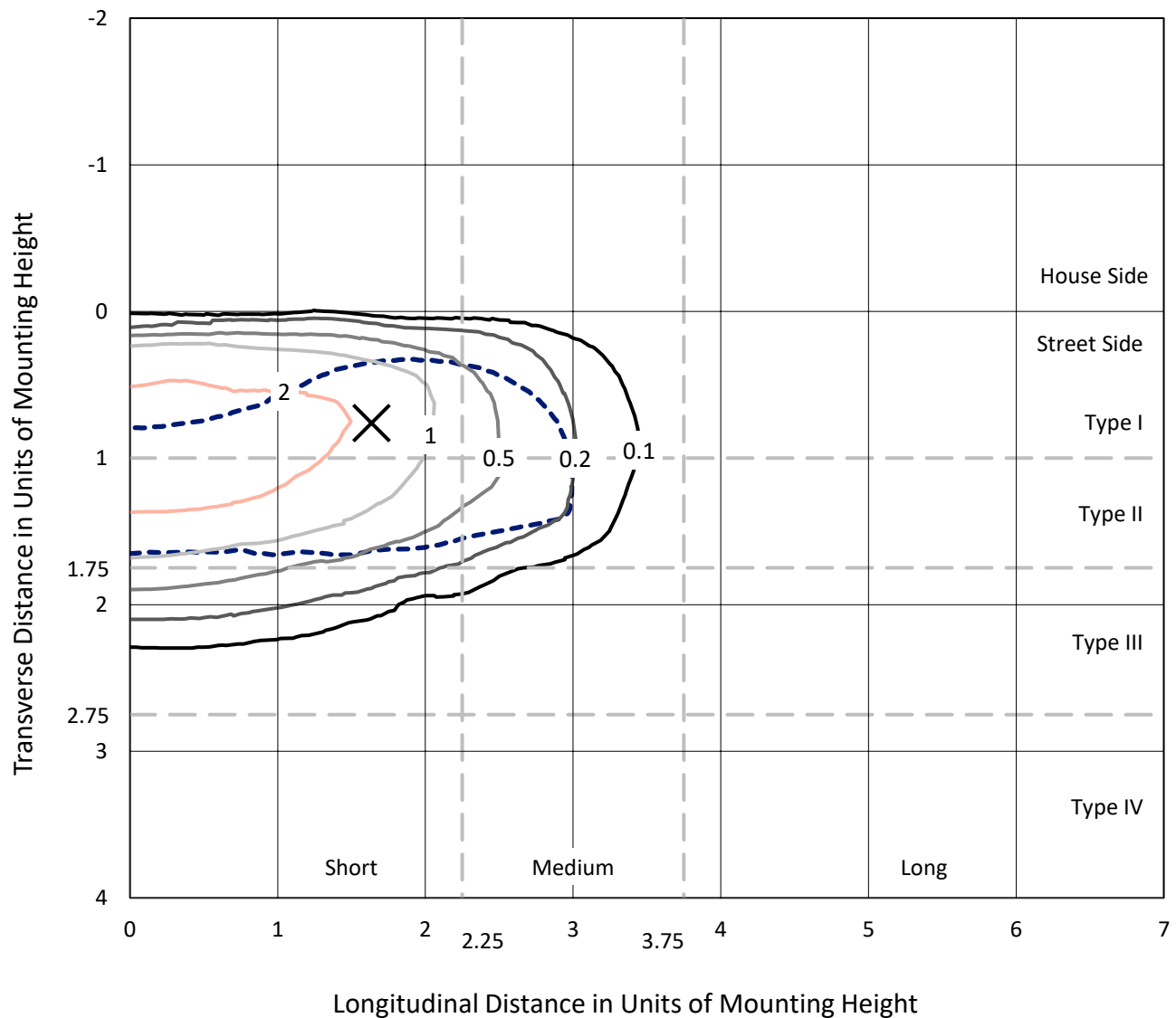


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

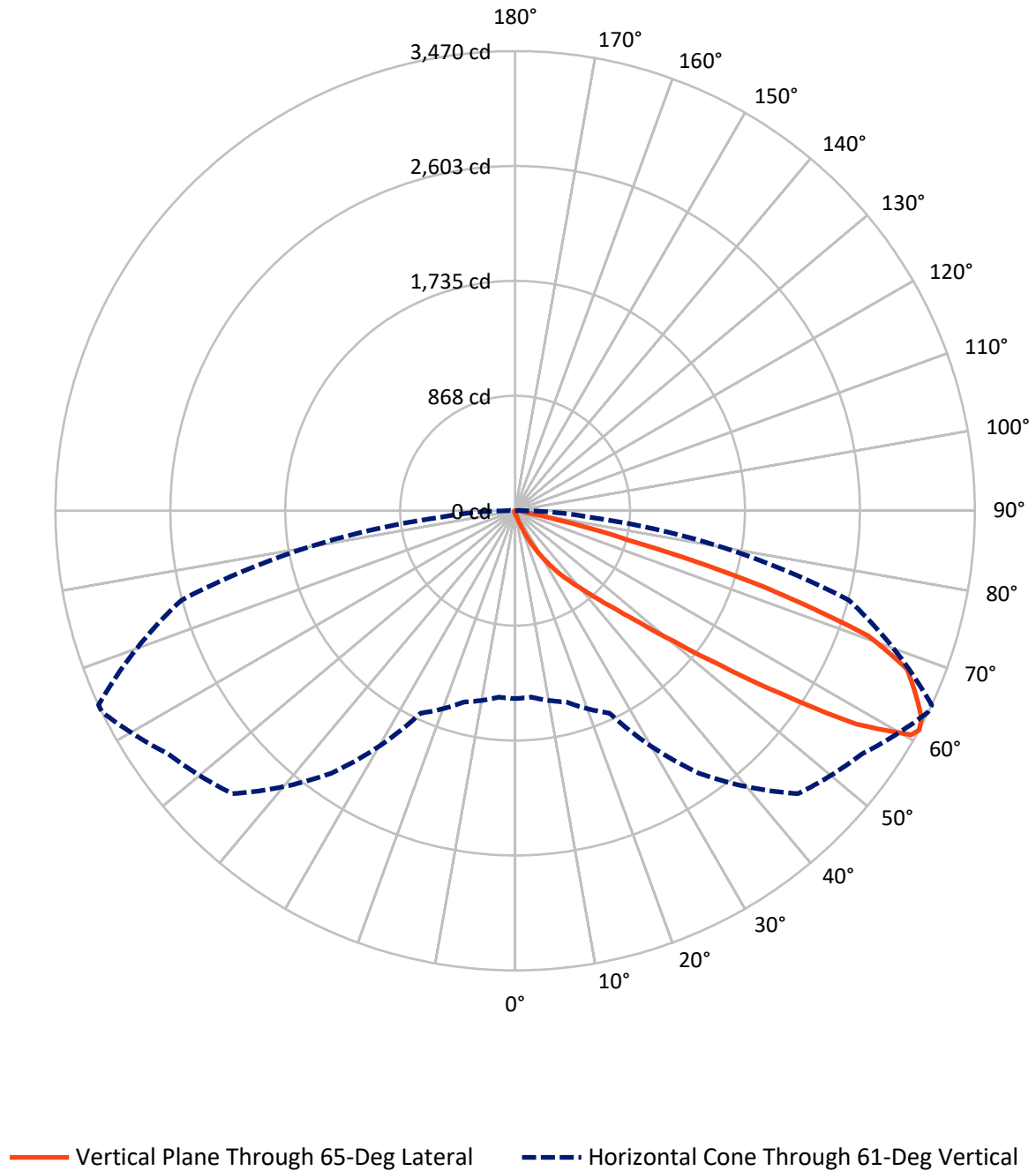


Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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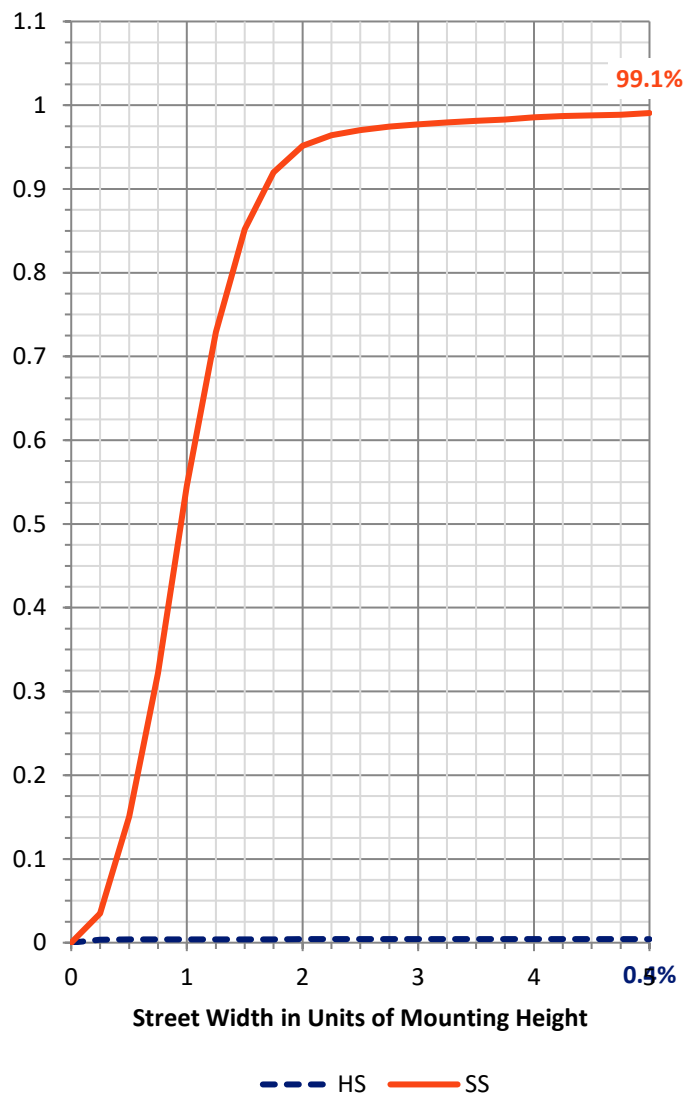
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.4	0.0	13.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3130.2	0.0	3130.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	3143.6	0.0	3143.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.4	0.1
10°-20°	25.9	0.8
20°-30°	92.8	3.0
30°-40°	247.0	7.9
40°-50°	648.9	20.6
50°-60°	1005.2	32.0
60°-70°	842.8	26.8
70°-80°	248.0	7.9
80°-90°	30.6	1.0
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°	3143.6	100.0
0°-180°	3143.6	100.0



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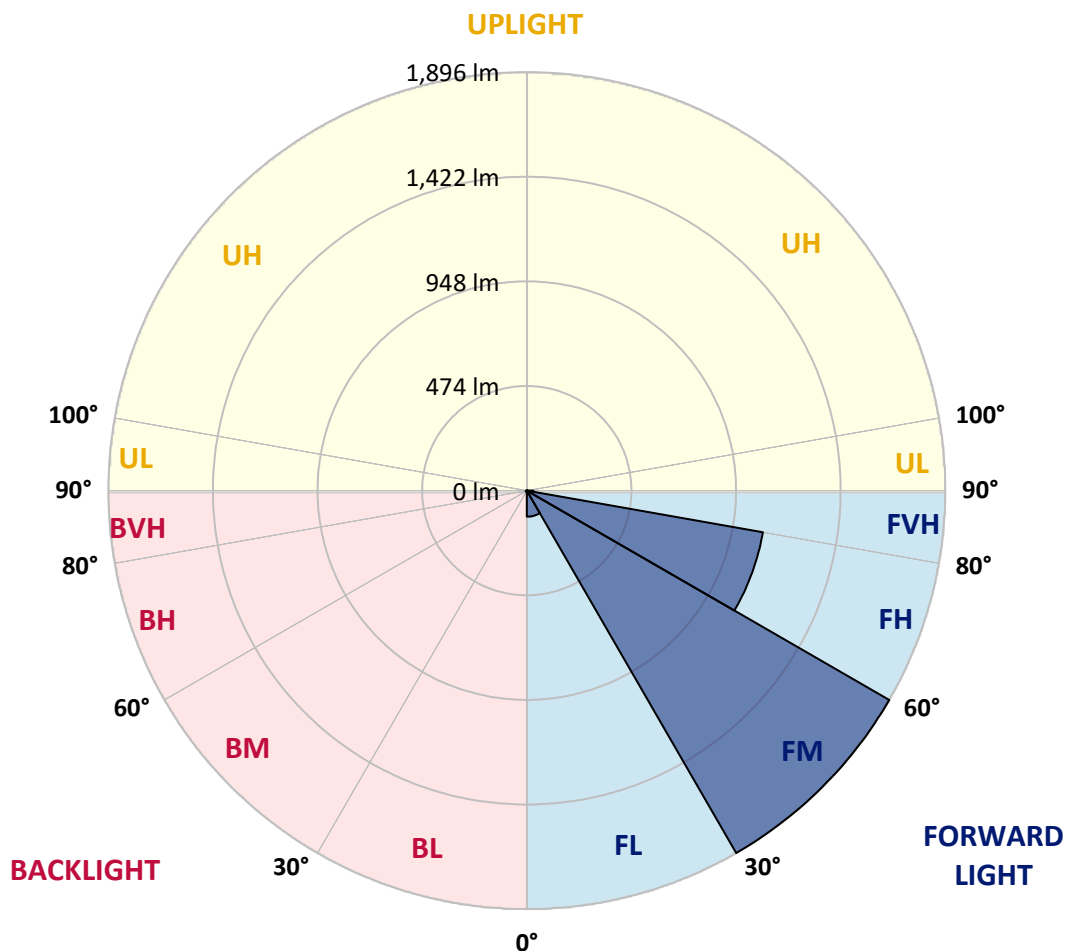
CATALOG NUMBER: GLAN-SA1B-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	118.1	3.8			
FM	(30°-60°)	1895.9	60.3			
FH	(60°-80°)	1086.1	34.6			G1/1800
FVH	(80°-90°)	30.0	1.0			G1/100
BL	(0°-30°)	3.0	0.1	B0/110		
BM	(30°-60°)	5.1	0.2	B0/220		
BH	(60°-80°)	4.7	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 II Short



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CATALOG NUMBER: GLAN-SA1B-930-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2.5°	23.4	23.6	23.1	22.3	21.6	21.6	21.4	20.8	20.8	20.1	19.7
5°	32.7	32.2	31.4	29.6	28.1	26.6	25.1	23.6	23.4	21.4	20.1
7.5°	53.4	53.8	51.0	45.6	41.1	35.2	29.8	26.6	26.2	22.9	20.3
10°	117.2	114.0	107.5	86.5	71.1	53.6	39.8	30.9	30.5	24.7	20.8
12.5°	213.7	211.1	199.2	177.5	138.0	96.0	58.2	38.3	37.0	26.2	21.0
15°	307.9	303.8	297.3	275.5	229.2	172.1	95.1	52.3	48.9	28.3	20.8
17.5°	368.1	368.7	362.9	353.6	323.7	254.7	164.3	78.1	71.4	32.2	20.3
20°	420.6	419.1	422.3	417.4	396.4	346.2	239.2	123.7	112.2	38.5	20.5
22.5°	481.1	484.8	487.2	486.1	463.0	420.2	324.2	185.1	170.6	50.0	21.2
25°	562.2	561.8	562.0	559.2	536.7	489.1	409.4	261.4	246.7	68.6	22.7
27.5°	647.2	649.8	650.9	640.7	611.3	564.6	488.3	344.9	327.6	98.4	24.7
30°	763.3	761.2	756.2	735.5	699.8	641.8	566.1	432.5	414.3	140.1	27.7
32.5°	919.9	917.5	892.4	846.6	793.2	722.3	644.4	520.3	498.2	192.2	31.8
35°	1177.9	1181.6	1119.9	1001.2	905.4	818.9	731.1	607.7	588.2	256.5	37.4
37.5°	1573.0	1552.9	1469.2	1259.4	1053.1	939.6	814.0	695.9	679.0	335.6	44.8
40°	1956.8	1936.9	1912.7	1714.0	1309.8	1072.6	929.9	799.5	777.6	424.9	55.6
42.5°	2360.3	2349.3	2348.2	2198.4	1778.2	1281.7	1069.3	920.8	902.2	522.9	73.3
45°	2646.2	2635.2	2658.3	2684.5	2416.1	1729.8	1312.2	1078.4	1051.4	641.8	101.6
47.5°	2684.7	2685.1	2747.0	2828.9	2890.1	2422.8	1635.7	1287.3	1254.4	812.0	149.2
50°	2556.7	2561.7	2660.0	2806.7	2971.4	3004.3	2206.1	1590.5	1541.8	1013.8	216.7
52.5°	2313.0	2318.6	2455.7	2696.8	2896.6	3144.0	2877.8	1987.1	1931.1	1265.5	311.8
55°	2093.5	2096.9	2254.2	2558.8	2806.4	3068.1	3276.6	2516.7	2443.1	1575.1	405.7
57.5°	1876.2	1868.2	1970.4	2319.2	2791.1	2974.9	3335.4	3120.2	3039.1	1913.6	478.8
60°	1585.5	1572.1	1654.3	1876.2	2589.1	3036.1	3225.3	3454.1	3435.7	2384.8	535.2
61°	1418.4	1412.7	1495.3	1685.6	2419.1	3020.5	3198.9	3468.2	3470.1	2607.7	560.5
62.5°	1012.9	1028.9	1155.2	1402.6	2026.2	2919.5	3202.4	3424.7	3443.9	2904.0	626.0
65°	450.2	476.0	574.1	775.5	1178.3	2428.7	3171.7	3329.3	3319.8	2985.3	851.8
67.5°	267.1	271.0	319.8	439.4	624.1	1306.3	2798.9	3203.3	3190.5	2598.8	1059.8
70°	210.4	212.4	227.9	275.7	362.2	500.4	1597.4	2771.4	2827.0	2107.3	1037.5
72.5°	199.6	199.2	201.3	209.8	228.1	248.3	618.5	1842.2	1955.3	1517.6	870.0
75°	197.0	196.1	194.0	190.7	165.2	146.2	191.6	814.8	880.3	1036.9	655.0
77.5°	191.2	191.4	191.8	182.9	141.6	103.4	92.8	261.4	321.6	658.0	465.6
80°	129.3	131.3	134.5	131.0	127.4	74.8	65.5	93.0	94.3	369.3	307.5
82.5°	65.5	65.5	64.0	57.1	49.3	48.7	52.1	67.5	68.3	186.8	144.7
85°	39.6	41.7	42.6	38.7	35.5	32.7	39.8	53.6	55.6	72.4	33.7
87.5°	8.9	9.1	9.9	13.2	19.2	26.2	37.0	49.1	50.0	46.5	4.1
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-SA1B-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
2.5°	19.5	19.0	18.8	18.2	17.5	16.9	16.4	16.2	16.4	16.7	16.7
5°	19.2	18.6	17.5	16.4	15.6	14.7	13.8	13.6	13.6	13.8	13.8
7.5°	19.2	18.2	16.7	15.4	14.1	12.8	12.1	11.7	11.9	11.9	11.9
10°	19.2	17.9	16.0	14.1	12.5	11.0	9.9	9.5	9.5	9.5	9.5
12.5°	19.0	17.7	15.4	13.0	10.8	9.1	7.8	7.1	7.4	7.4	7.4
15°	18.6	17.1	14.5	11.0	8.6	6.9	5.6	5.0	5.2	5.6	5.8
17.5°	17.9	16.4	13.0	9.3	6.9	5.2	3.9	3.5	3.7	4.3	4.3
20°	17.7	15.8	11.5	7.6	5.2	3.7	2.6	2.2	2.4	3.2	3.5
22.5°	17.7	15.4	10.4	6.3	3.9	2.4	1.5	0.9	0.9	1.5	1.5
25°	17.9	15.1	9.5	5.2	2.8	1.7	0.9	0.4	0.9	2.4	2.8
27.5°	18.4	14.9	9.1	4.3	2.2	1.5	0.6	1.5	2.6	2.6	2.6
30°	18.8	14.5	8.4	3.7	1.9	1.1	1.1	2.2	2.2	2.6	2.8
32.5°	19.5	14.3	8.0	3.2	1.5	0.9	1.5	1.3	1.3	1.5	1.7
35°	20.8	14.5	7.6	3.2	1.5	1.1	1.3	0.6	0.4	0.4	0.4
37.5°	22.5	14.7	6.9	2.8	1.3	1.3	0.6	0.0	0.0	0.0	0.0
40°	25.3	15.4	6.5	2.6	1.1	1.1	0.2	0.0	0.0	0.0	0.0
42.5°	30.1	16.7	6.3	2.4	1.1	0.9	0.0	0.0	0.0	0.0	0.0
45°	39.6	19.7	5.8	2.2	1.1	0.4	0.0	0.0	0.0	0.0	0.0
47.5°	56.9	26.8	5.6	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	83.0	36.3	5.4	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	106.0	38.3	3.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	108.6	26.4	2.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	86.5	17.1	2.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	65.5	13.0	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	62.9	11.7	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	69.4	10.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	112.9	8.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	196.1	7.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	247.8	6.9	1.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	216.0	6.3	1.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	130.0	5.4	1.3	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	68.1	4.1	1.3	1.1	0.6	0.2	0.0	0.0	0.0	0.0	0.0
80°	33.1	3.7	1.5	1.1	0.9	0.4	0.0	0.0	0.0	0.0	0.0
82.5°	13.0	3.0	1.7	1.5	1.1	0.6	0.2	0.0	0.0	0.0	0.0
85°	5.8	2.6	1.9	1.7	1.5	0.9	0.2	0.0	0.0	0.0	0.0
87.5°	3.0	2.4	2.2	1.9	1.5	1.1	0.4	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

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

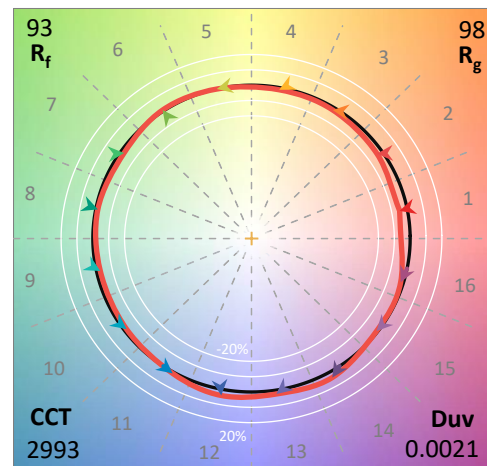
Test Information

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

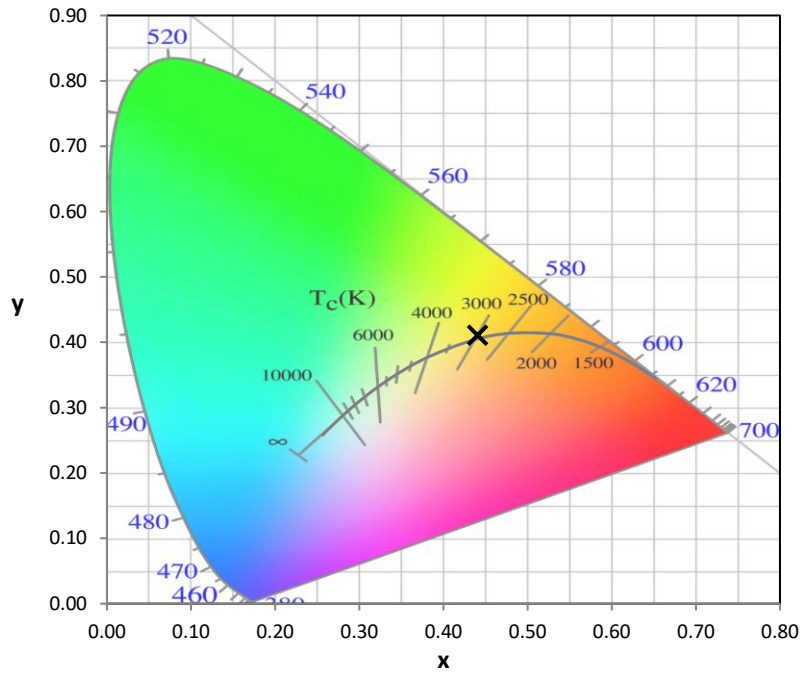
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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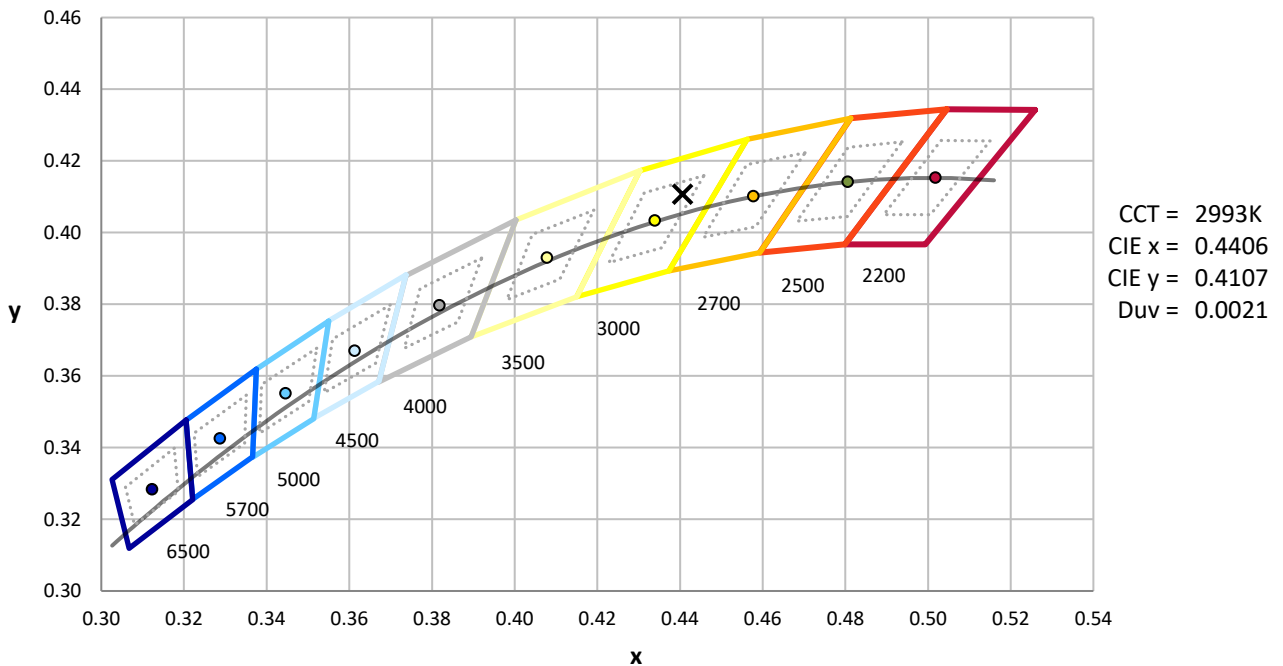
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



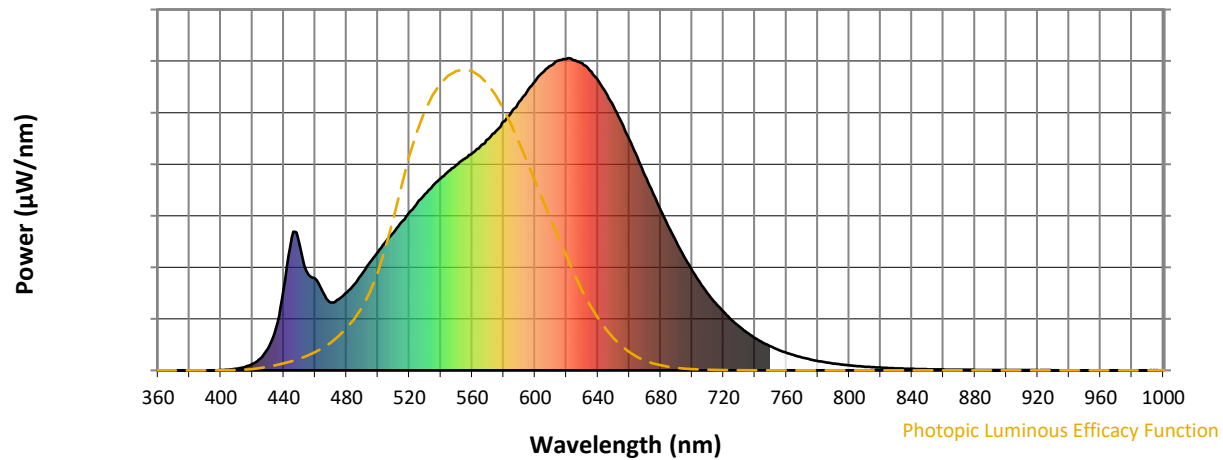
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

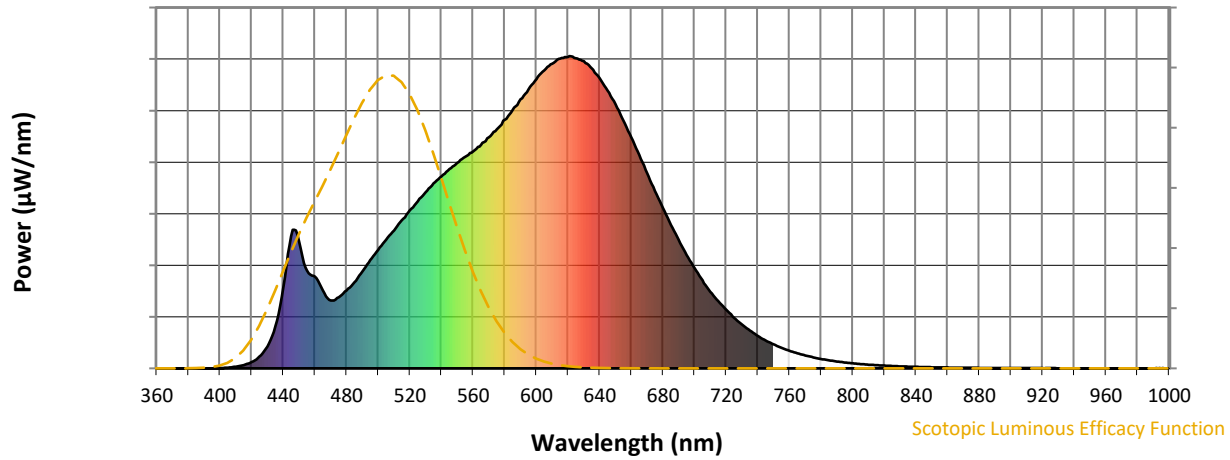


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength



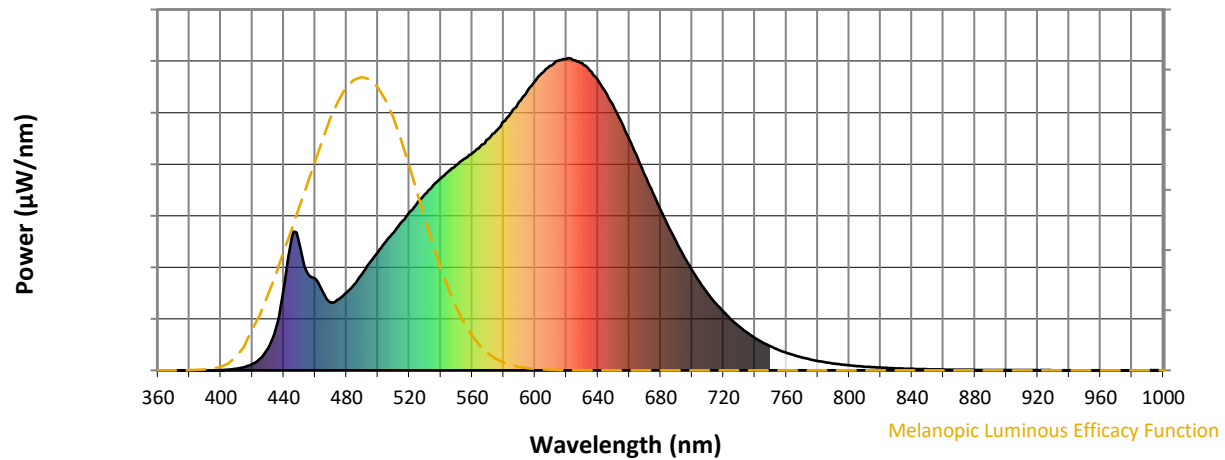
Scotopic Lumens: NR

S/P: 1.39

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	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

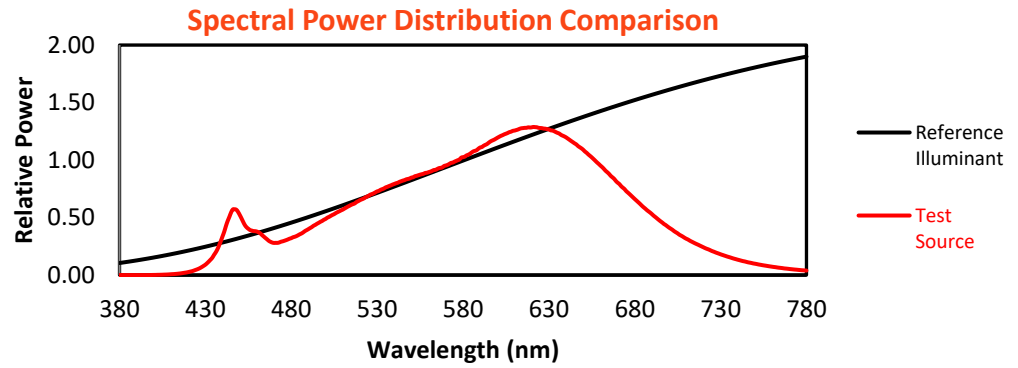
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	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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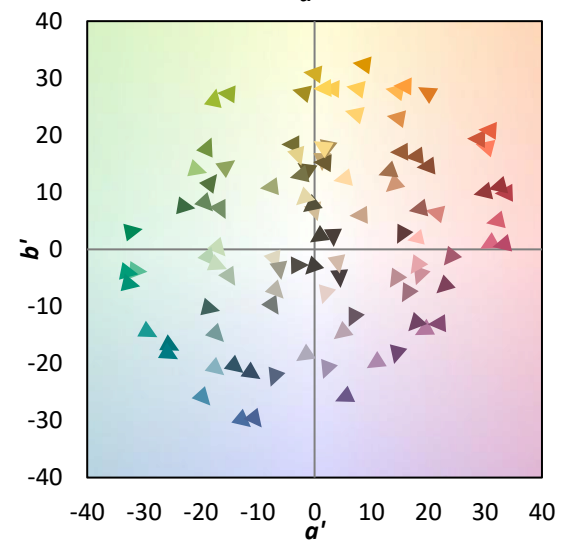
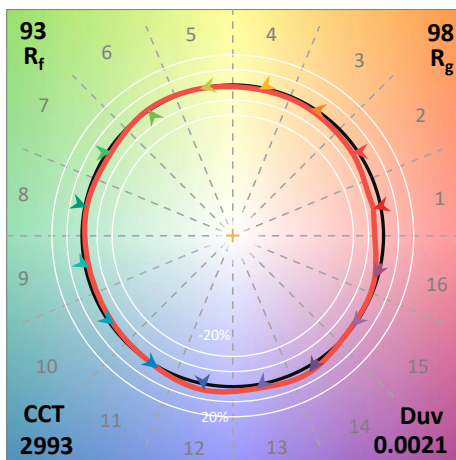
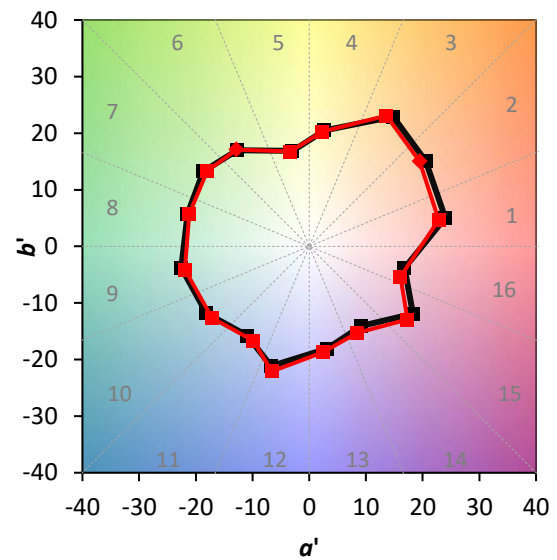
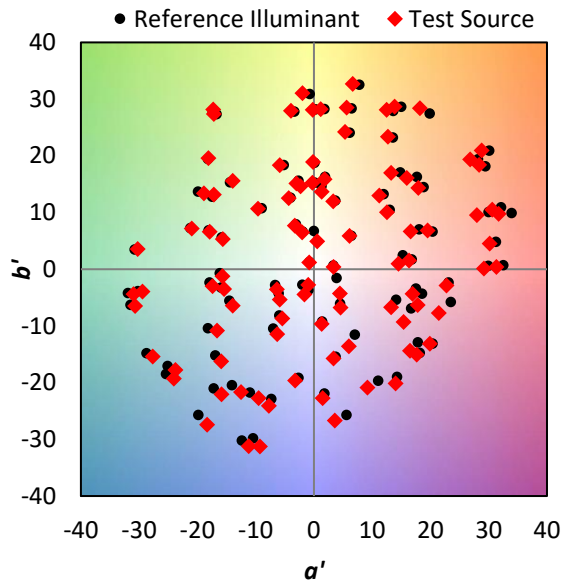
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

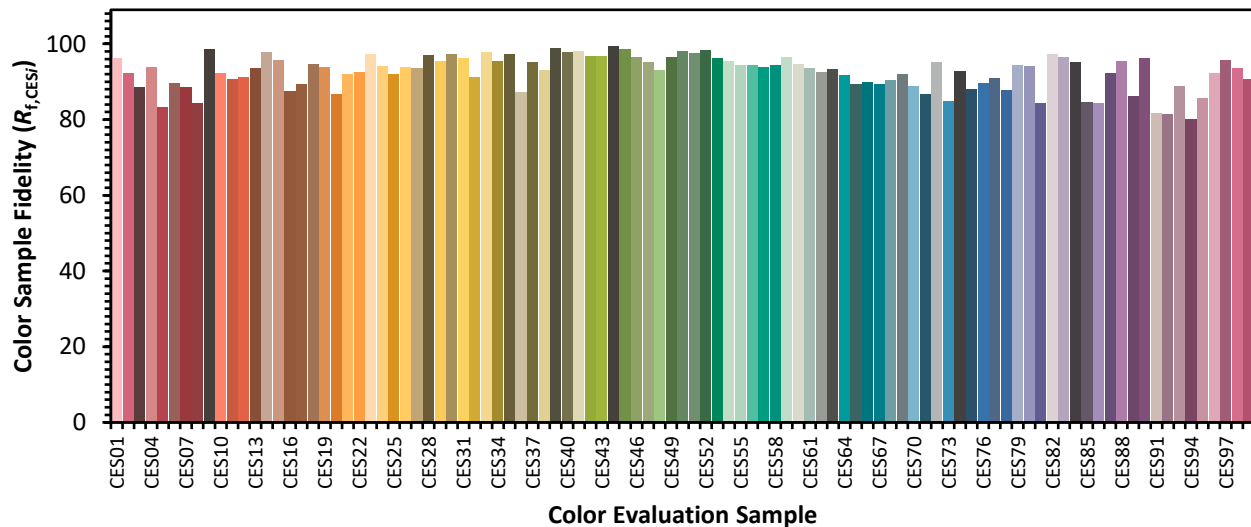


Color Vector Graphics

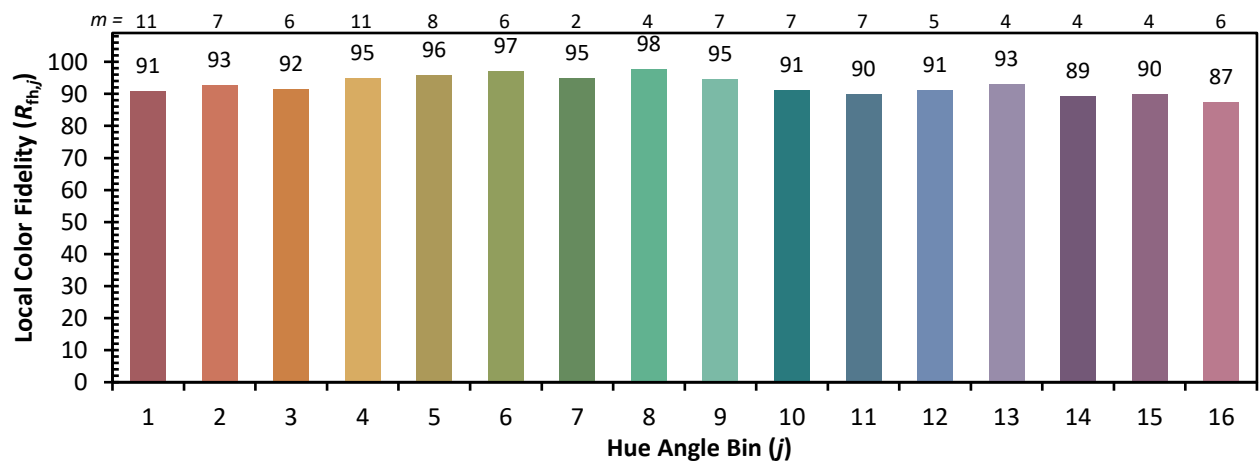
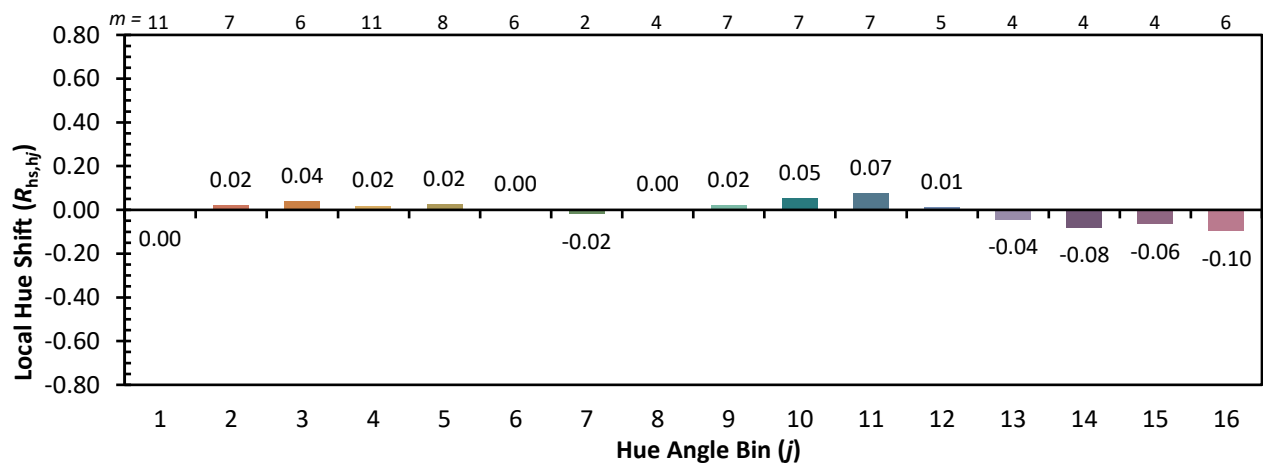
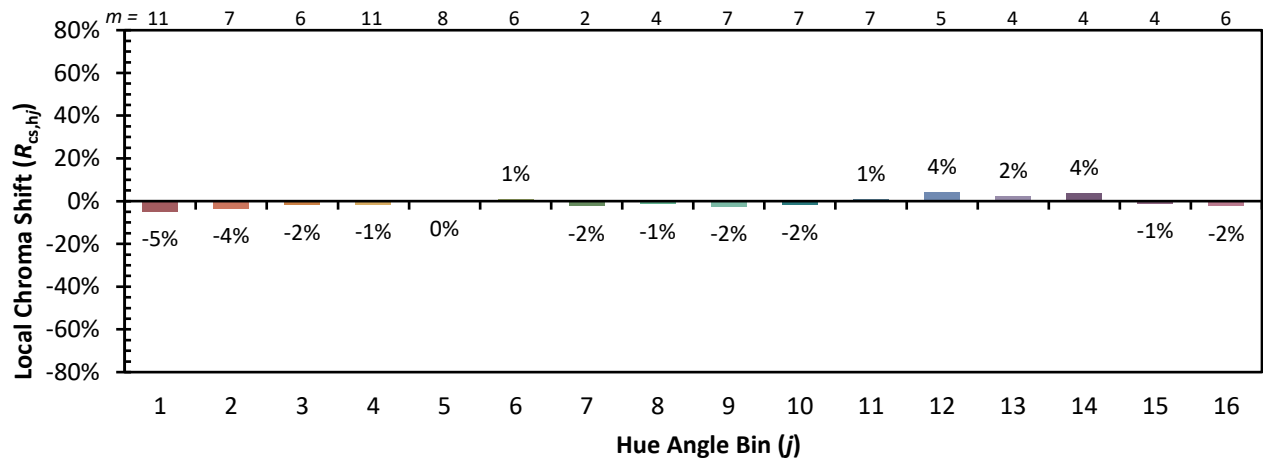


Individual Sample Fidelity Index ($R_{f,i}$)

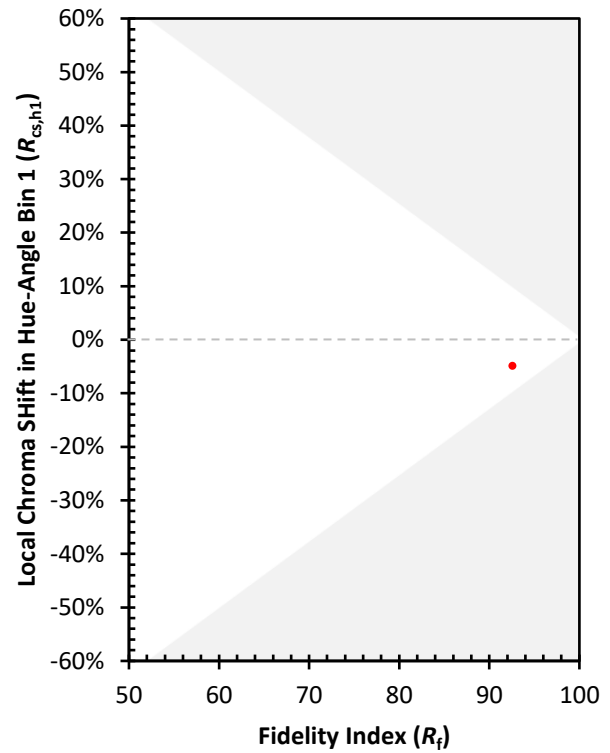
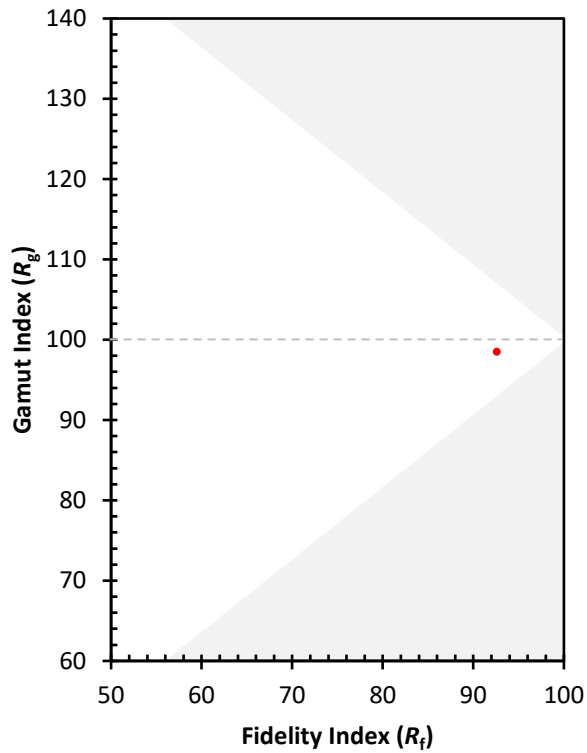
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 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)