

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: P1063734

Luminaire Tested: **GLAN-SA2B-930-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063734
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2B-930-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
90CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6312.8 lumens
Efficiency: N/A
Efficacy: 86.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

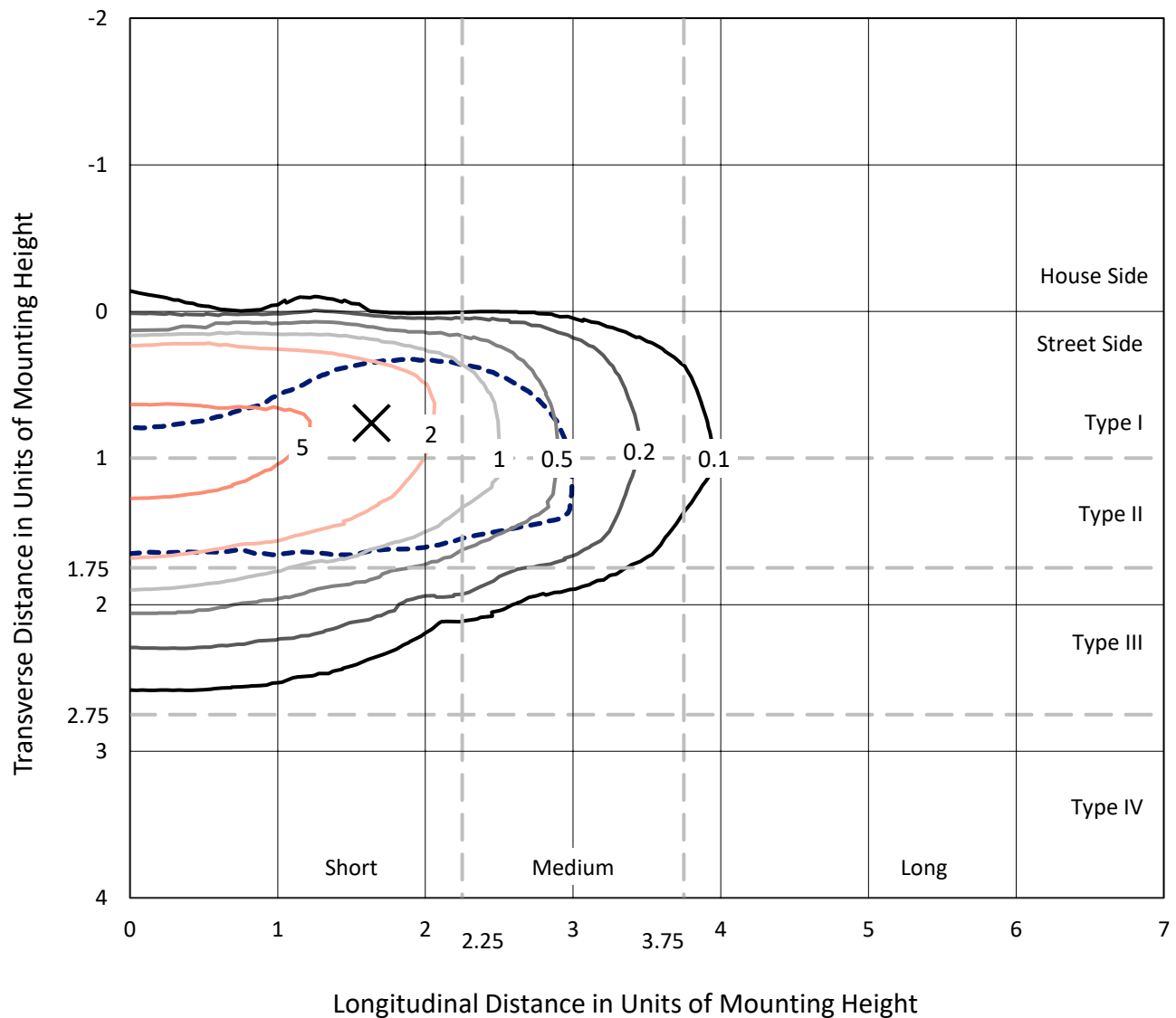


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

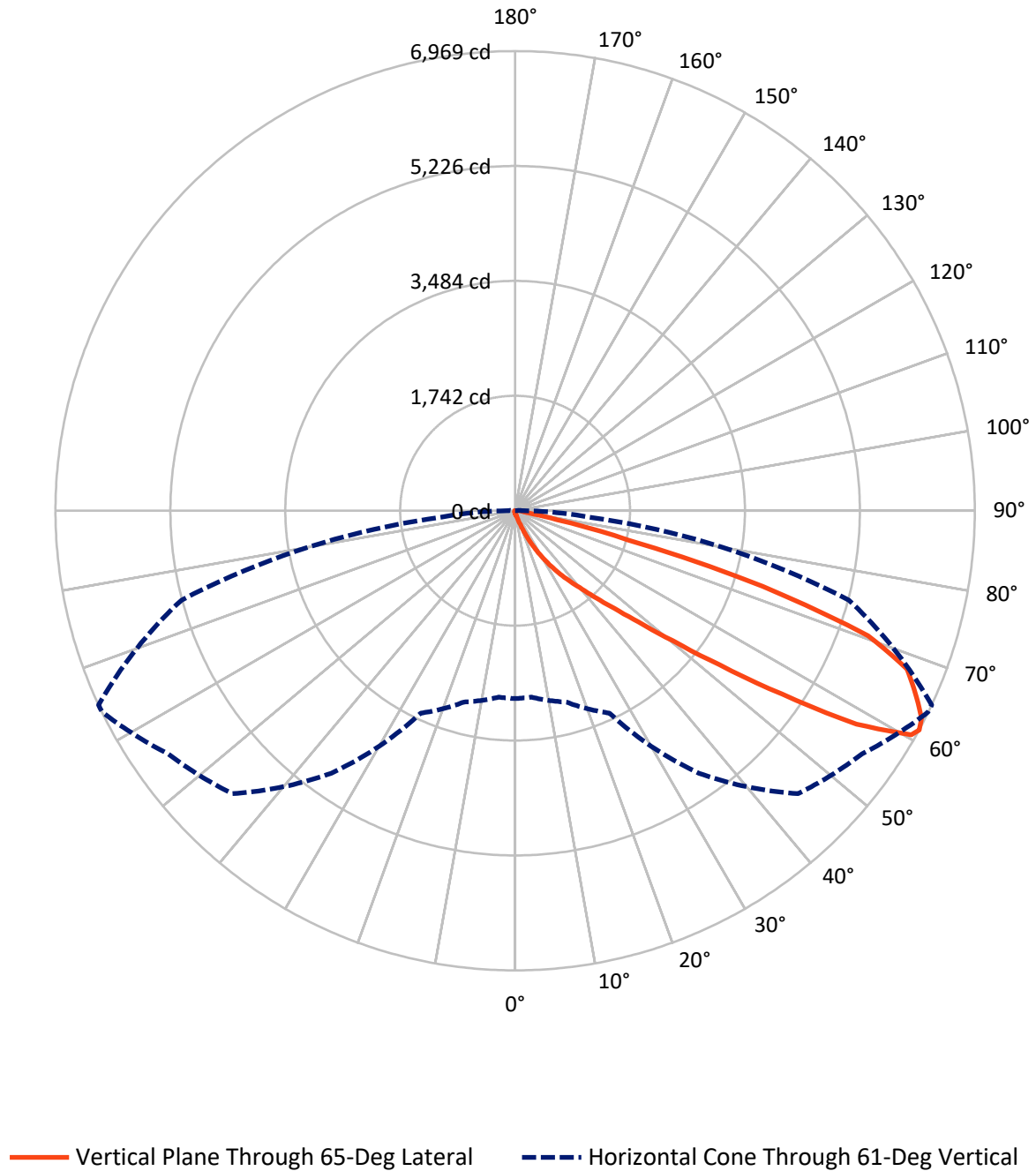


Based on 15 foot mounting height. Maximum calculated value = 8.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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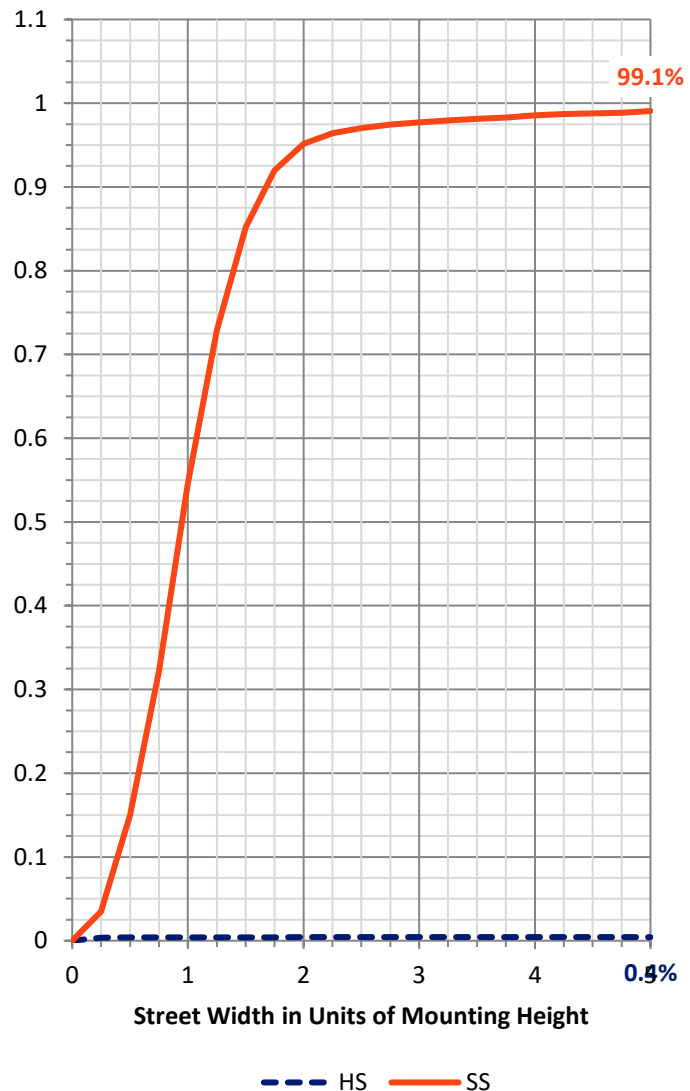
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.9	0.0	26.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6285.9	0.0	6285.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	6312.8	0.0	6312.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.9	0.1
10°-20°	51.9	0.8
20°-30°	186.3	3.0
30°-40°	496.0	7.9
40°-50°	1303.0	20.6
50°-60°	2018.6	32.0
60°-70°	1692.6	26.8
70°-80°	498.1	7.9
80°-90°	61.4	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°	6312.8	100.0
0°-180°	6312.8	100.0



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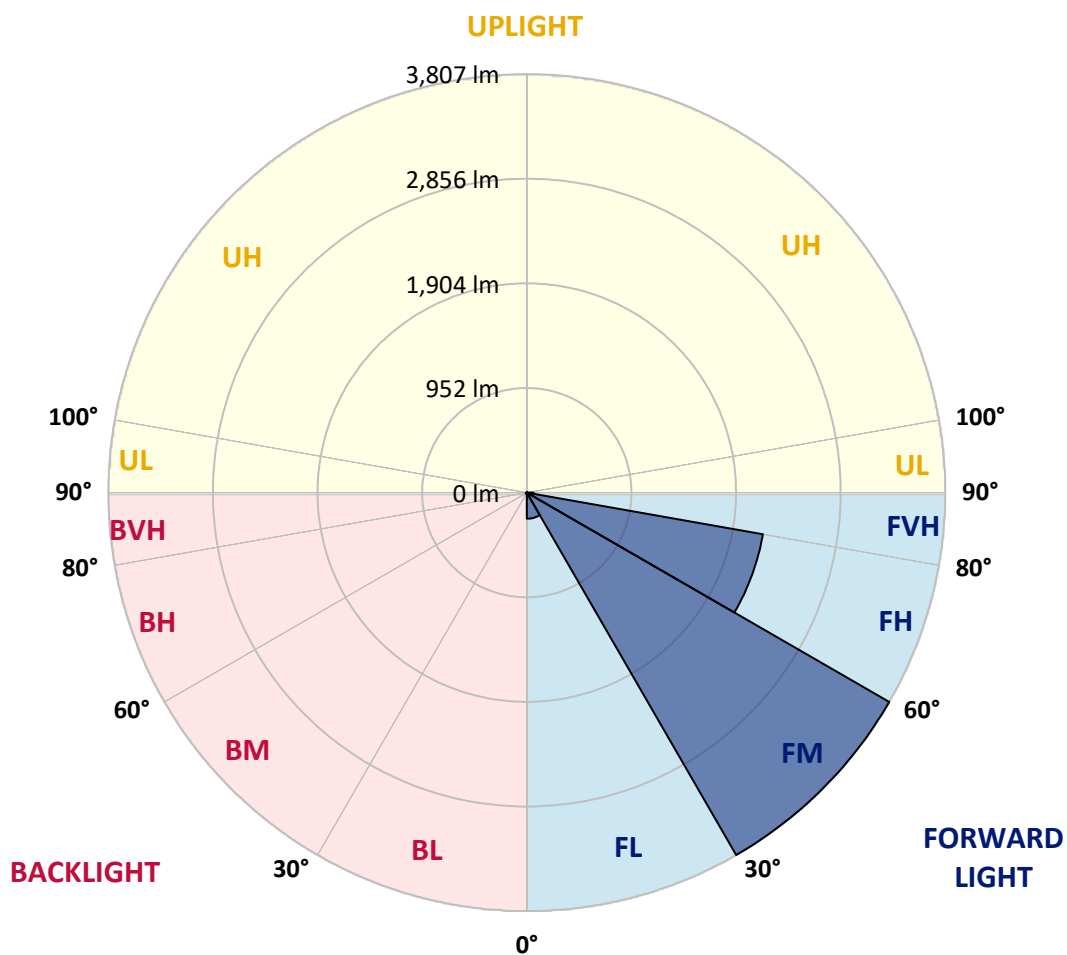
CATALOG NUMBER: GLAN-SA2B-930-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	237.1	3.8			
FM	(30°-60°)	3807.4	60.3			
FH	(60°-80°)	2181.2	34.6			G2/5000
FVH	(80°-90°)	60.3	1.0			G1/100
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	10.3	0.2	B0/220		
BH	(60°-80°)	9.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.1	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
2.5°	46.9	47.3	46.5	44.7	43.4	43.4	43.0	41.7	41.7	40.4	39.5
5°	65.6	64.7	63.0	59.5	56.5	53.4	50.4	47.3	46.9	43.0	40.4
7.5°	107.3	108.1	102.5	91.6	82.5	70.8	59.9	53.4	52.5	46.0	40.8
10°	235.4	228.9	215.8	173.7	142.9	107.7	79.9	62.1	61.2	49.5	41.7
12.5°	429.0	423.8	400.0	356.5	277.1	192.8	116.8	76.9	74.3	52.5	42.1
15°	618.4	610.1	597.1	553.2	460.3	345.7	191.1	105.1	98.1	56.9	41.7
17.5°	739.1	740.4	728.7	710.0	650.1	511.6	330.0	156.8	143.3	64.7	40.8
20°	844.6	841.6	848.1	838.1	796.0	695.2	480.3	248.4	225.4	77.3	41.3
22.5°	966.2	973.6	978.4	976.2	929.7	843.8	651.0	371.7	342.6	100.3	42.6
25°	1129.1	1128.2	1128.6	1123.0	1077.8	982.3	822.0	525.0	495.5	137.7	45.6
27.5°	1299.7	1304.9	1307.1	1286.7	1227.6	1133.8	980.6	692.6	657.9	197.6	49.5
30°	1532.9	1528.6	1518.6	1476.9	1405.3	1288.9	1136.9	868.5	832.0	281.4	55.6
32.5°	1847.3	1842.6	1792.2	1700.1	1592.9	1450.4	1294.1	1044.8	1000.5	386.1	63.8
35°	2365.4	2372.8	2249.0	2010.6	1818.2	1644.5	1468.2	1220.3	1181.2	515.0	75.1
37.5°	3158.8	3118.4	2950.3	2529.1	2114.8	1886.8	1634.5	1397.4	1363.6	674.0	89.9
40°	3929.6	3889.6	3841.0	3441.9	2630.3	2153.9	1867.3	1605.4	1561.6	853.3	111.6
42.5°	4739.9	4717.8	4715.6	4414.7	3570.9	2573.8	2147.4	1849.1	1811.7	1050.0	147.2
45°	5314.0	5291.9	5338.3	5390.9	4852.0	3473.6	2635.1	2165.6	2111.4	1288.9	204.1
47.5°	5391.3	5392.2	5516.4	5680.9	5803.8	4865.4	3284.7	2585.1	2519.1	1630.6	299.6
50°	5134.2	5144.2	5341.8	5636.2	5967.1	6033.1	4430.3	3194.0	3096.3	2035.8	435.1
52.5°	4644.8	4656.1	4931.4	5415.6	5816.9	6313.7	5779.1	3990.4	3877.9	2541.3	626.2
55°	4204.0	4211.0	4526.7	5138.6	5635.8	6161.2	6579.9	5053.9	4906.2	3163.1	814.7
57.5°	3767.6	3751.5	3956.9	4657.4	5605.0	5974.1	6698.0	6265.9	6103.0	3842.7	961.4
60°	3184.0	3157.0	3322.1	3767.6	5199.4	6097.0	6476.9	6936.4	6899.5	4789.0	1074.8
61°	2848.3	2837.0	3002.9	3385.0	4858.0	6065.7	6424.0	6964.6	6968.5	5236.7	1125.6
62.5°	2034.1	2066.2	2319.8	2816.6	4069.0	5862.9	6430.9	6877.3	6916.0	5831.6	1257.2
65°	904.1	955.8	1153.0	1557.2	2366.3	4877.1	6369.2	6685.8	6666.7	5994.9	1710.5
67.5°	536.3	544.1	642.3	882.4	1253.3	2623.3	5620.6	6432.6	6407.0	5218.9	2128.3
70°	422.5	426.4	457.7	553.7	727.4	1004.9	3207.9	5565.4	5677.0	4231.8	2083.6
72.5°	400.8	400.0	404.3	421.2	458.1	498.5	1242.0	3699.4	3926.5	3047.6	1747.0
75°	395.6	393.9	389.5	383.0	331.8	293.6	384.8	1636.3	1767.9	2082.3	1315.4
77.5°	383.9	384.3	385.2	367.4	284.4	207.6	186.3	525.0	645.7	1321.4	935.0
80°	259.7	263.6	270.1	263.2	255.8	150.3	131.6	186.7	189.3	741.7	617.5
82.5°	131.6	131.6	128.5	114.6	99.0	97.7	104.7	135.5	137.2	375.2	290.5
85°	79.5	83.8	85.5	77.7	71.2	65.6	79.9	107.7	111.6	145.5	67.7
87.5°	17.8	18.2	20.0	26.5	38.6	52.5	74.3	98.6	100.3	93.4	8.3
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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CATALOG NUMBER: GLAN-SA2B-930-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
2.5°	39.1	38.2	37.8	36.5	35.2	33.9	33.0	32.6	33.0	33.4	33.4
5°	38.6	37.3	35.2	33.0	31.3	29.5	27.8	27.4	27.4	27.8	27.8
7.5°	38.6	36.5	33.4	30.8	28.2	25.6	24.3	23.4	23.9	23.9	23.9
10°	38.6	36.0	32.1	28.2	25.2	22.1	20.0	19.1	19.1	19.1	19.1
12.5°	38.2	35.6	30.8	26.1	21.7	18.2	15.6	14.3	14.8	14.8	14.8
15°	37.3	34.3	29.1	22.1	17.4	13.9	11.3	10.0	10.4	11.3	11.7
17.5°	36.0	33.0	26.1	18.7	13.9	10.4	7.8	6.9	7.4	8.7	8.7
20°	35.6	31.7	23.0	15.2	10.4	7.4	5.2	4.3	4.8	6.5	6.9
22.5°	35.6	30.8	20.8	12.6	7.8	4.8	3.0	1.7	1.7	3.0	3.0
25°	36.0	30.4	19.1	10.4	5.6	3.5	1.7	0.9	1.7	4.8	5.6
27.5°	36.9	30.0	18.2	8.7	4.3	3.0	1.3	3.0	5.2	5.2	5.2
30°	37.8	29.1	16.9	7.4	3.9	2.2	2.2	4.3	4.3	5.2	5.6
32.5°	39.1	28.7	16.1	6.5	3.0	1.7	3.0	2.6	2.6	3.0	3.5
35°	41.7	29.1	15.2	6.5	3.0	2.2	2.6	1.3	0.9	0.9	0.9
37.5°	45.2	29.5	13.9	5.6	2.6	2.6	1.3	0.0	0.0	0.0	0.0
40°	50.8	30.8	13.0	5.2	2.2	2.2	0.4	0.0	0.0	0.0	0.0
42.5°	60.4	33.4	12.6	4.8	2.2	1.7	0.0	0.0	0.0	0.0	0.0
45°	79.5	39.5	11.7	4.3	2.2	0.9	0.0	0.0	0.0	0.0	0.0
47.5°	114.2	53.8	11.3	3.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	166.8	73.0	10.9	3.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	212.8	76.9	7.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	218.0	53.0	5.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	173.7	34.3	4.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	131.6	26.1	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	126.4	23.4	4.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	139.4	20.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	226.7	16.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	393.9	14.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	497.7	13.9	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	433.8	12.6	2.6	0.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	261.0	10.9	2.6	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	136.8	8.3	2.6	2.2	1.3	0.4	0.0	0.0	0.0	0.0	0.0
80°	66.4	7.4	3.0	2.2	1.7	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	26.1	6.1	3.5	3.0	2.2	1.3	0.4	0.0	0.0	0.0	0.0
85°	11.7	5.2	3.9	3.5	3.0	1.7	0.4	0.0	0.0	0.0	0.0
87.5°	6.1	4.8	4.3	3.9	3.0	2.2	0.9	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

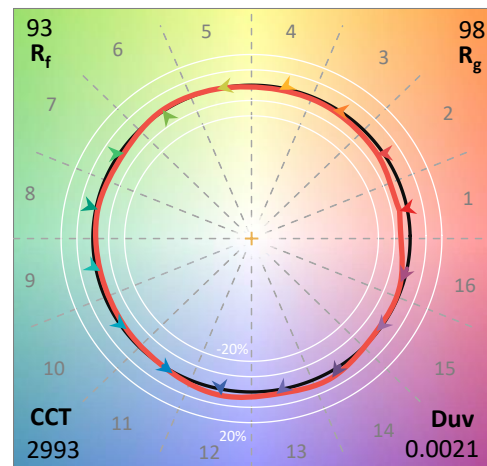
Test Information

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

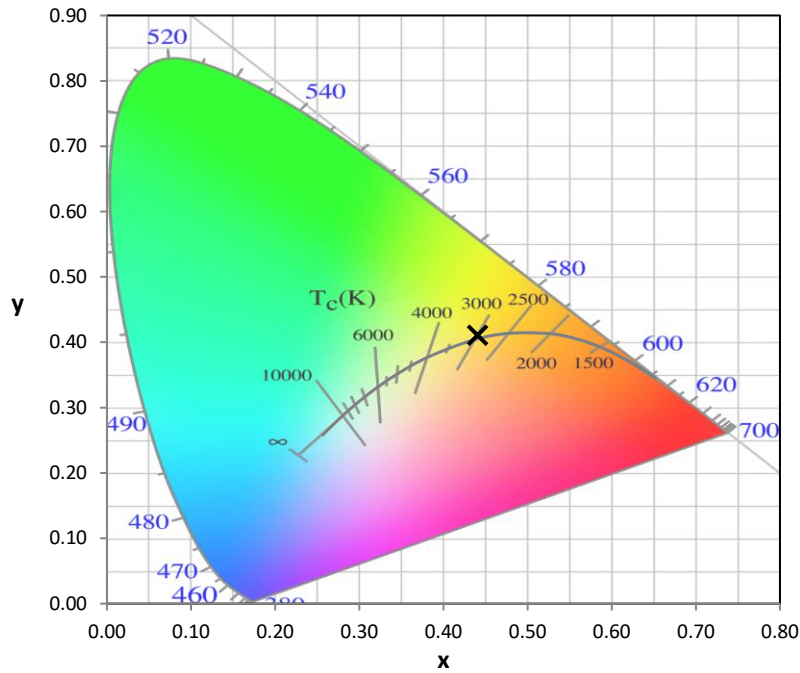
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

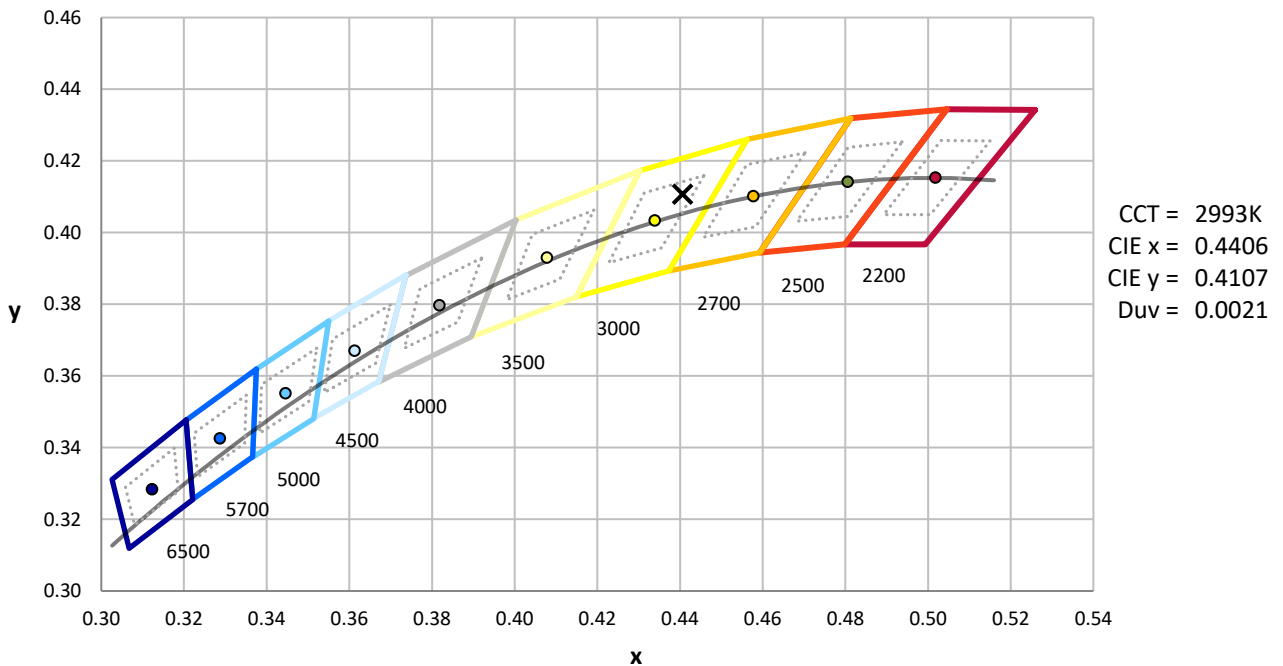
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



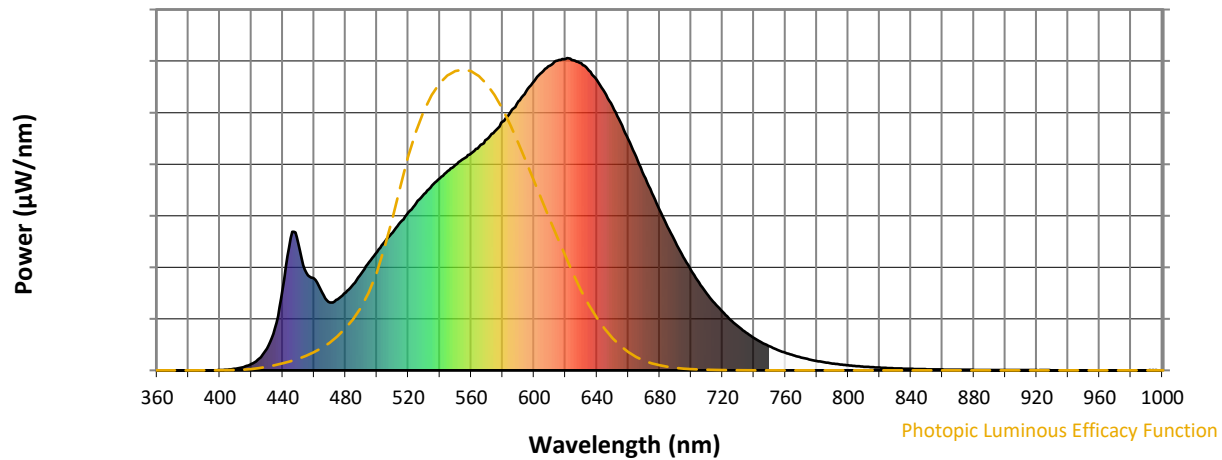
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

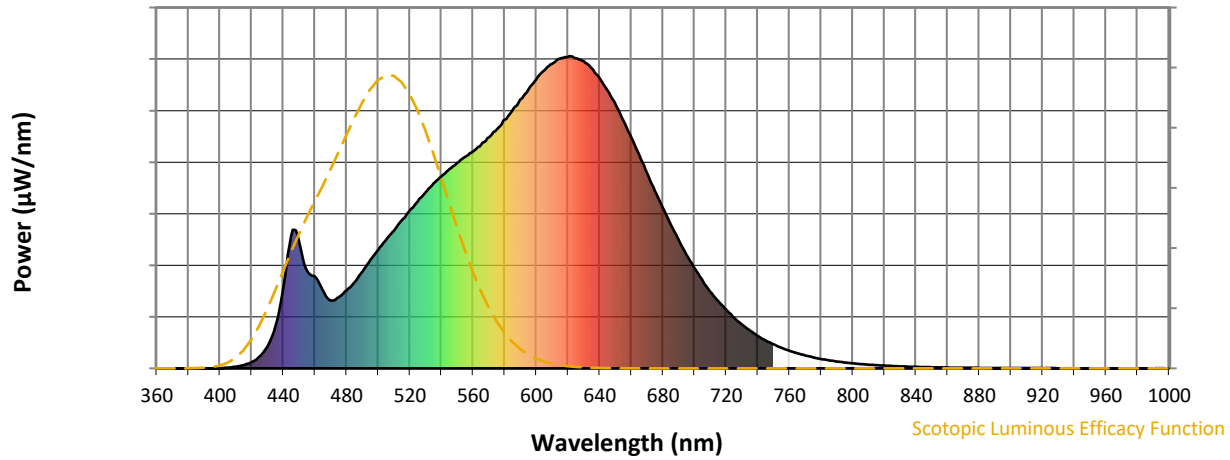


Photopic Lumens: NR

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



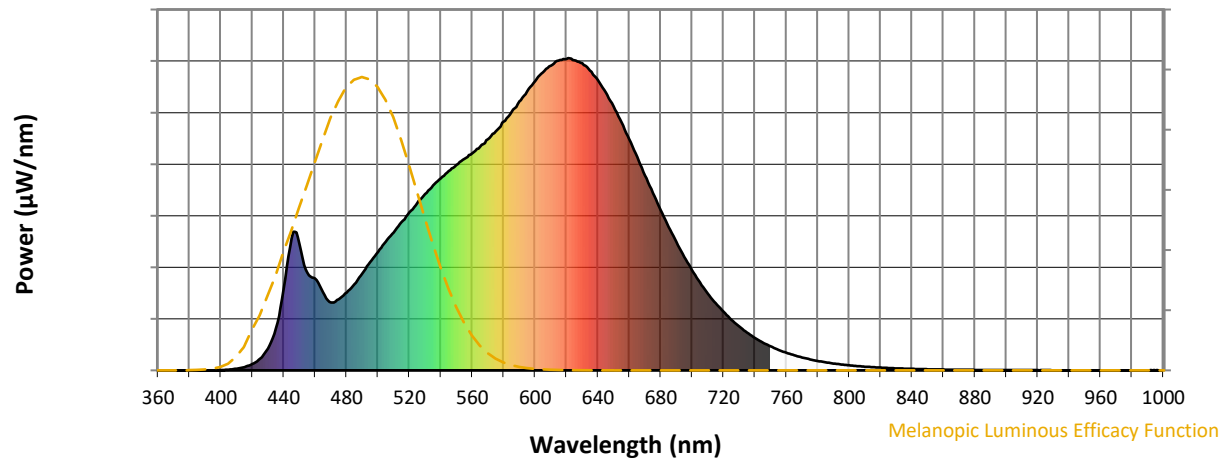
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

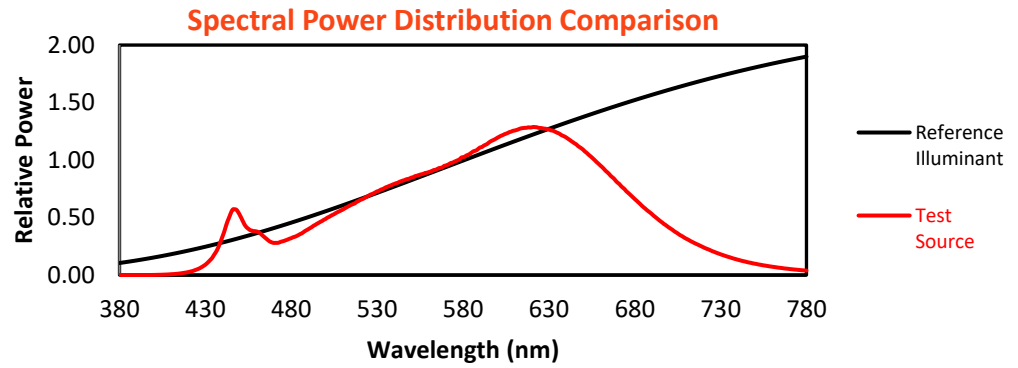
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	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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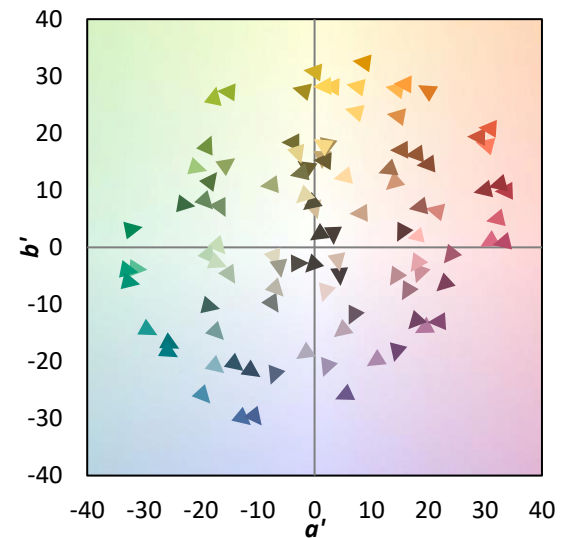
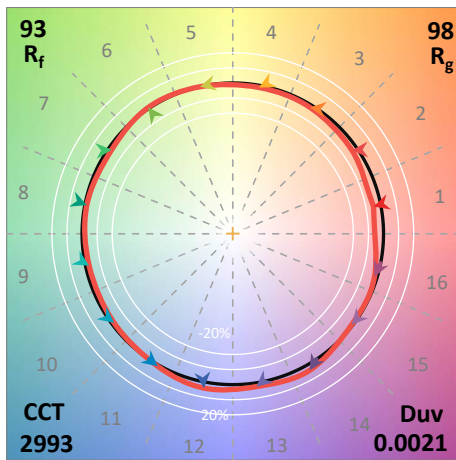
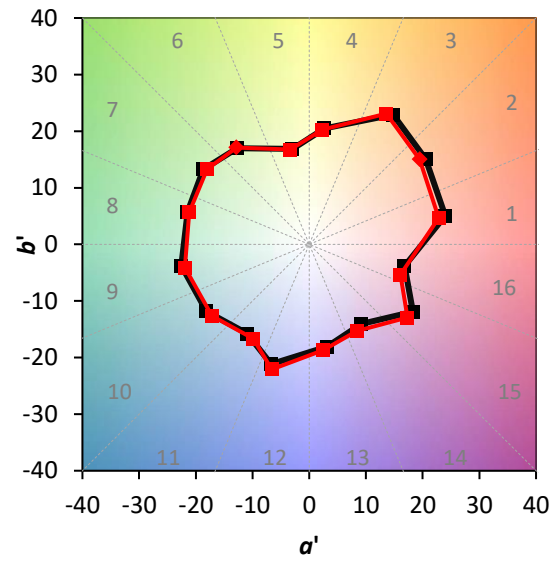
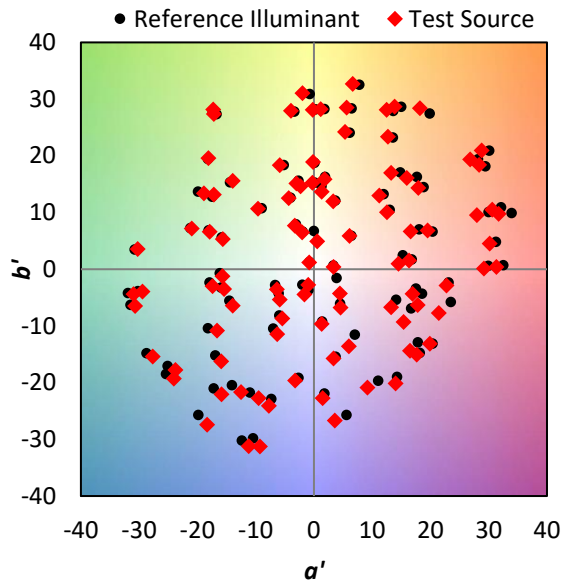
TM-30-18

Summary

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

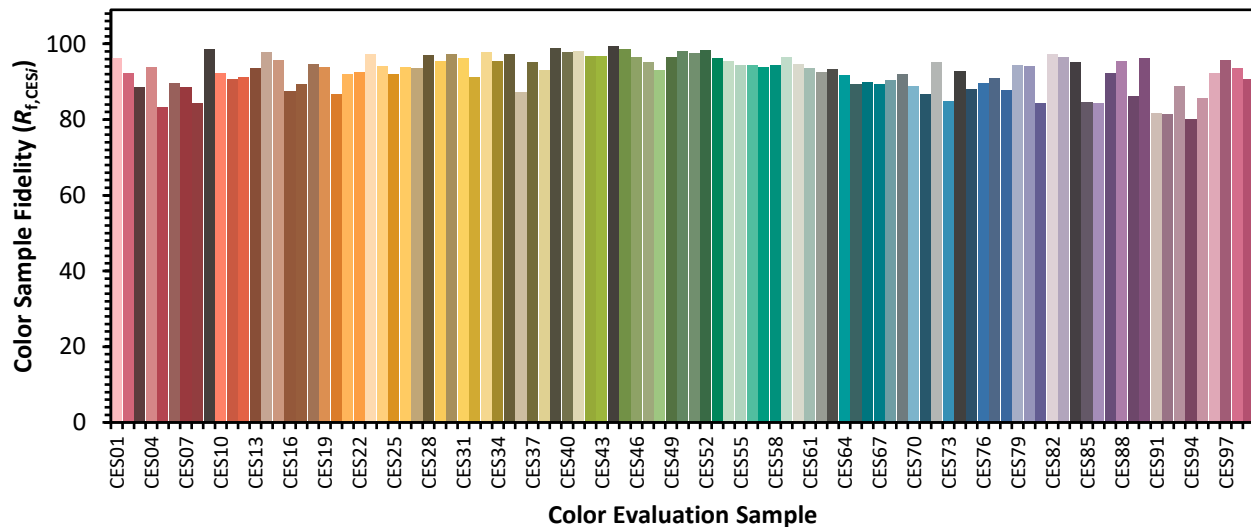


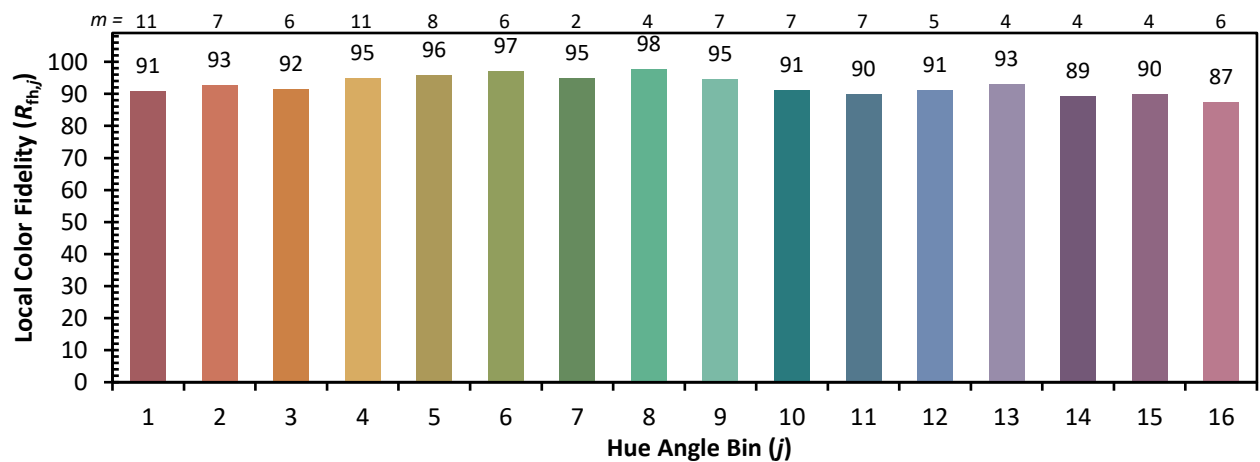
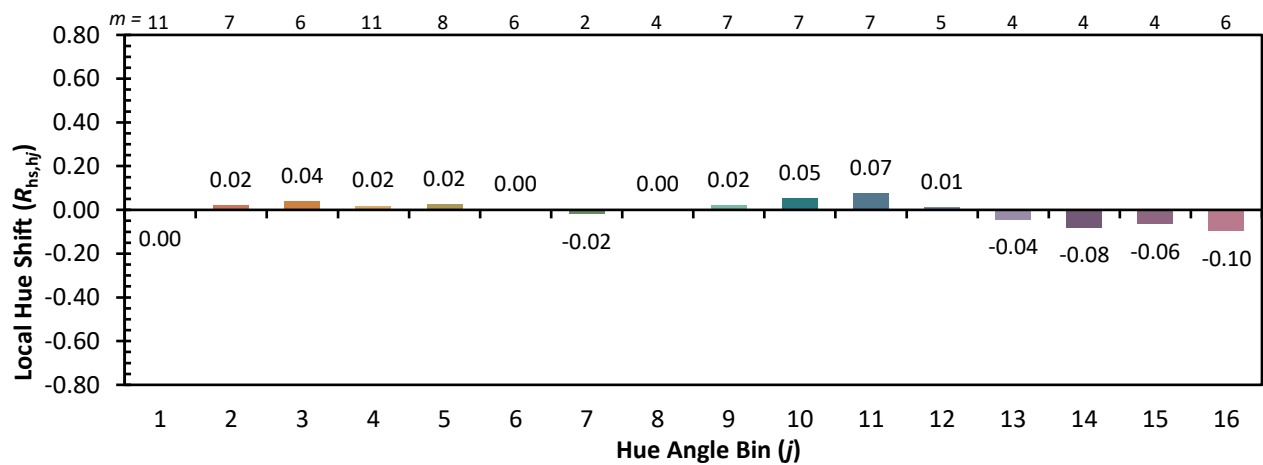
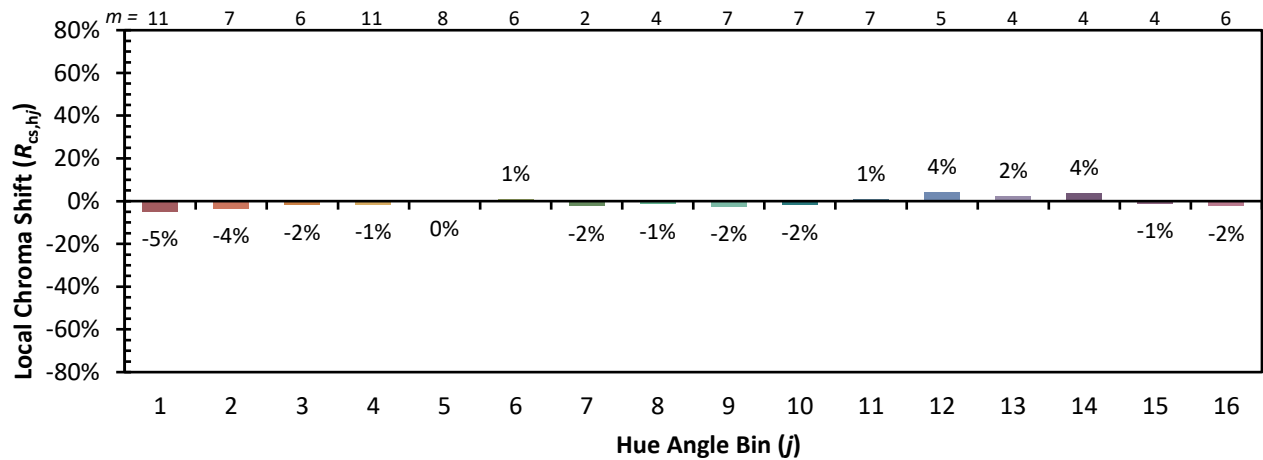
Color Vector Graphics



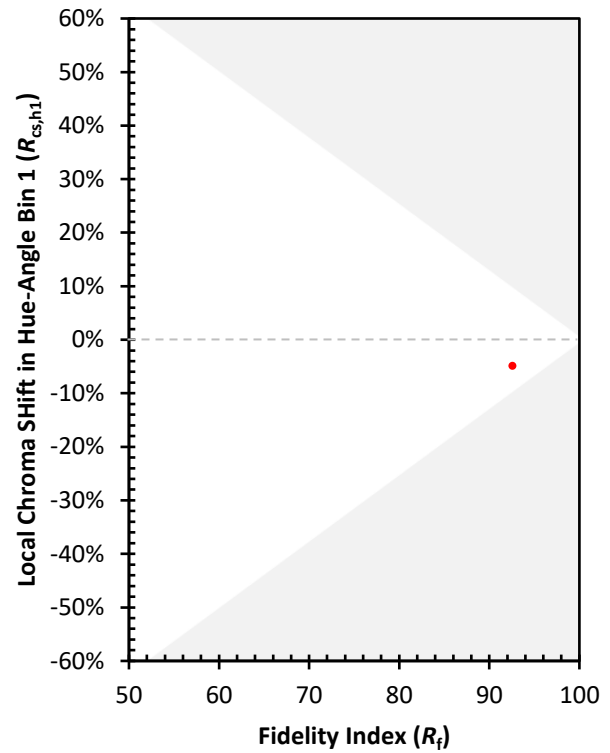
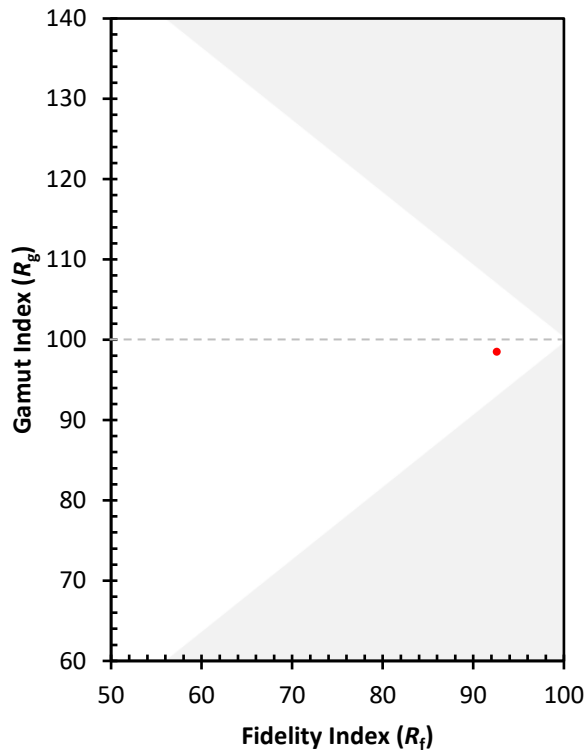
Individual Sample Fidelity Index ($R_{f,i}$)

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)