

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: P1064454

Luminaire Tested: **GLAN-SA2B-950-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064454
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2B-950-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7341.5 lumens
Efficiency: N/A
Efficacy: 100.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

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

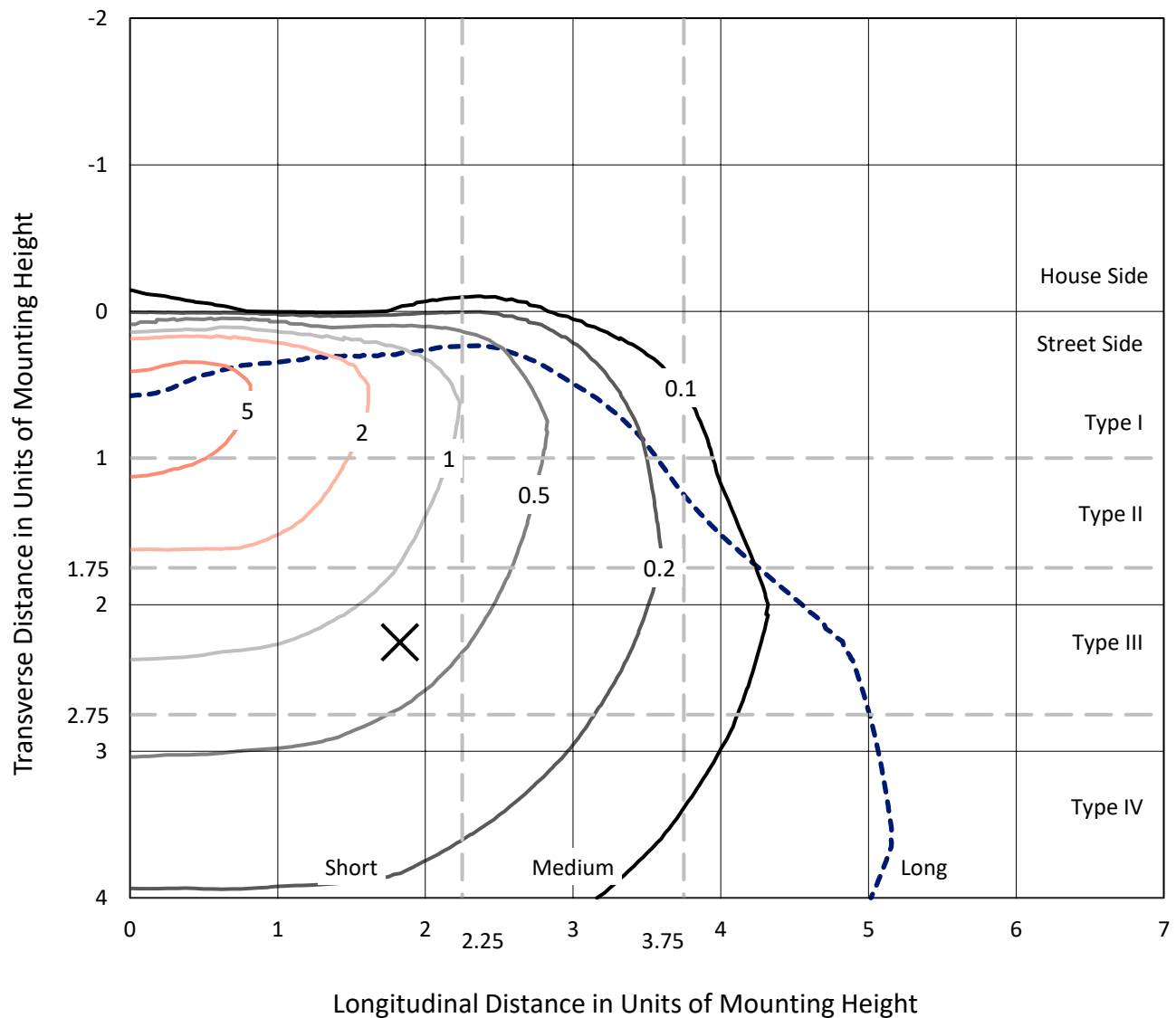


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

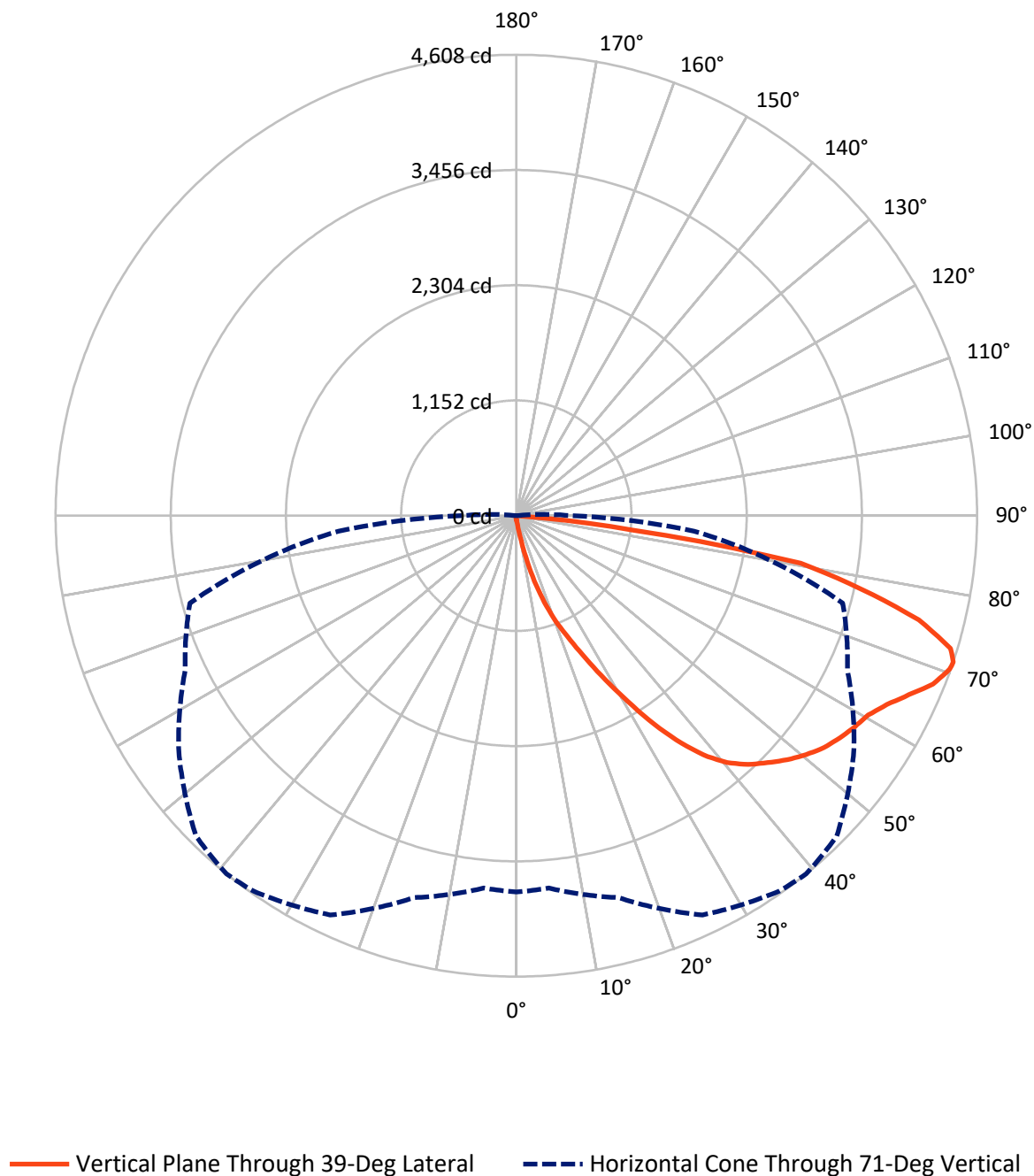


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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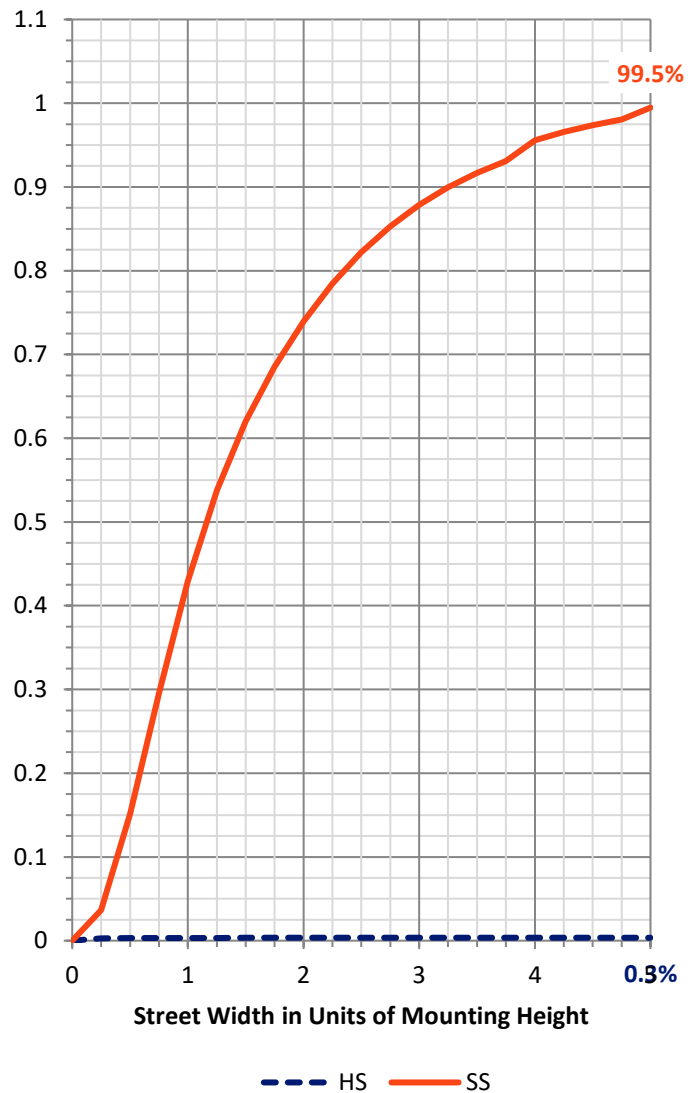
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.1	0.0	26.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7315.3	0.0	7315.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	7341.5	0.0	7341.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.1	0.1
10°-20°	78.5	1.1
20°-30°	279.4	3.8
30°-40°	673.5	9.2
40°-50°	1127.1	15.4
50°-60°	1447.6	19.7
60°-70°	1832.0	25.0
70°-80°	1633.3	22.2
80°-90°	264.0	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°	7341.5	100.0
0°-180°	7341.5	100.0



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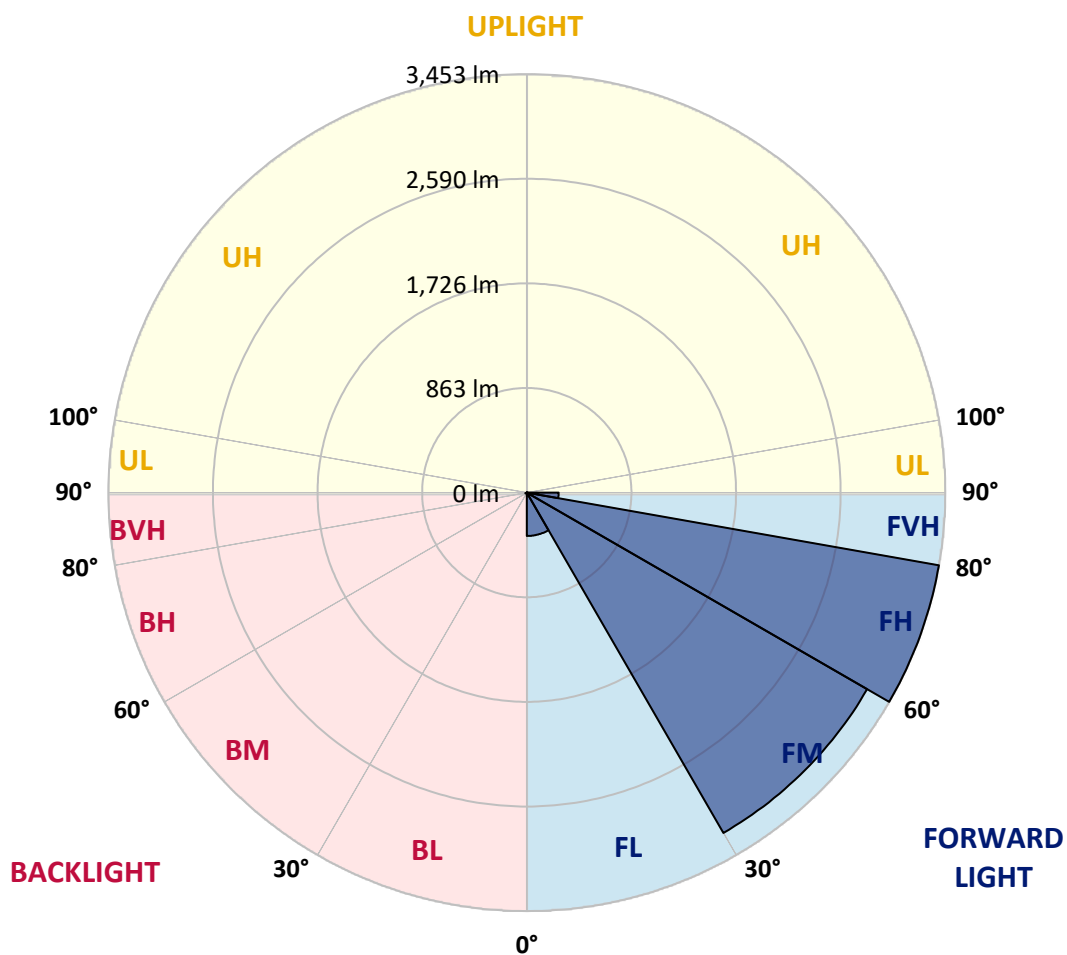
CATALOG NUMBER: GLAN-SA2B-950-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	357.7	4.9			
FM	(30°-60°)	3242.1	44.2			
FH	(60°-80°)	3452.7	47.0			G2/5000
FVH	(80°-90°)	262.8	3.6			G3/500
BL	(0°-30°)	6.3	0.1	B0/110		
BM	(30°-60°)	6.0	0.1	B0/220		
BH	(60°-80°)	12.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
2.5°	46.2	46.2	46.2	44.7	44.7	44.2	43.7	43.7	42.7	42.2	41.2
5°	70.1	68.6	65.1	63.1	59.1	56.7	54.2	50.7	47.2	44.7	41.7
7.5°	158.5	162.0	150.6	129.2	107.3	97.9	82.0	66.1	54.7	47.2	42.2
10°	404.0	402.1	363.3	320.5	247.5	218.2	171.0	107.8	70.6	51.7	42.7
12.5°	687.3	685.3	639.6	581.5	485.0	423.9	334.5	201.3	101.4	58.6	42.7
15°	925.4	917.4	903.0	845.4	732.5	681.4	563.1	355.8	164.0	70.6	43.7
17.5°	1082.9	1076.0	1062.5	1041.7	970.1	909.5	814.5	559.1	265.4	91.4	45.7
20°	1227.5	1222.6	1211.6	1207.6	1161.4	1129.1	1050.6	792.7	413.5	124.2	48.7
22.5°	1426.3	1415.9	1420.4	1396.5	1351.3	1312.5	1264.3	1037.2	594.4	178.9	54.2
25°	1669.8	1664.9	1652.4	1635.5	1572.9	1539.1	1465.1	1267.8	796.7	250.5	60.1
27.5°	1964.0	1958.6	1955.6	1916.8	1844.8	1808.0	1704.6	1485.5	1024.3	350.9	68.1
30°	2303.0	2305.5	2286.1	2236.4	2152.4	2100.7	1994.4	1713.6	1257.3	468.6	76.5
32.5°	2653.8	2648.9	2619.1	2560.4	2485.4	2437.2	2302.0	1963.5	1501.9	624.2	86.5
35°	3032.0	3022.6	2944.1	2877.0	2812.9	2752.2	2629.0	2253.8	1746.4	798.6	99.9
37.5°	3413.7	3369.5	3212.0	3127.0	3082.7	3033.0	2918.2	2563.4	1989.4	993.5	116.3
40°	3702.0	3667.7	3480.8	3324.3	3289.0	3246.7	3161.3	2830.8	2247.8	1202.7	136.2
42.5°	3861.5	3842.6	3674.6	3520.1	3437.1	3399.8	3326.8	3064.3	2503.3	1433.8	165.0
45°	3929.6	3900.3	3787.9	3715.9	3583.7	3522.1	3435.1	3240.8	2770.1	1696.2	205.3
47.5°	3908.7	3891.8	3811.3	3837.6	3741.7	3645.8	3518.1	3376.0	2998.3	1997.3	260.4
50°	3777.5	3763.1	3738.2	3880.9	3869.0	3755.6	3625.4	3482.8	3184.6	2308.0	345.9
52.5°	3528.0	3522.1	3585.7	3847.1	3941.0	3852.6	3728.8	3577.2	3358.6	2632.5	468.2
55°	3206.5	3230.8	3412.7	3794.4	3977.8	3924.1	3820.2	3665.7	3498.2	2922.7	648.6
57.5°	3074.3	3080.7	3307.9	3757.1	3994.2	3987.2	3909.2	3750.2	3626.4	3154.8	923.9
60°	3228.8	3218.9	3338.7	3785.5	4027.0	4043.9	3988.2	3828.7	3737.8	3354.1	1290.6
62.5°	3508.1	3502.7	3540.9	3906.2	4122.9	4157.2	4098.1	3885.4	3836.2	3485.3	1709.1
65°	3757.6	3746.2	3817.3	4120.4	4291.4	4315.7	4264.0	3982.3	3879.4	3580.7	2102.2
67.5°	3865.5	3863.0	3977.3	4324.2	4468.3	4494.6	4449.4	4115.9	3869.4	3611.0	2275.6
70°	3816.3	3806.8	3989.7	4410.7	4568.2	4598.0	4554.3	4165.6	3761.6	3515.1	2018.7
71°	3762.1	3736.8	3952.4	4404.7	4582.1	4607.5	4530.9	4120.4	3653.3	3378.9	1785.6
72.5°	3594.1	3598.6	3850.1	4342.6	4548.8	4541.4	4398.7	3958.4	3522.6	3069.8	1434.3
75°	3180.6	3207.0	3518.6	4081.7	4251.6	4156.7	3938.5	3648.8	3260.2	2201.1	995.9
77.5°	2599.2	2638.4	2980.9	3579.7	3531.5	3522.1	3513.1	3214.9	2784.1	1182.3	692.8
80°	1240.9	1325.9	1798.1	2555.4	2776.1	2883.0	2815.9	2590.7	2152.9	563.1	414.0
82.5°	81.0	80.0	113.3	214.7	905.0	1169.9	1858.7	1851.7	1500.9	274.3	169.0
85°	38.3	39.3	43.2	49.2	57.2	62.6	86.5	506.9	718.1	130.7	36.8
87.5°	22.4	22.9	26.8	34.3	44.7	49.7	59.1	76.0	93.4	72.1	8.0
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-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
2.5°	40.8	40.3	38.8	37.3	35.8	34.8	34.3	34.8	34.8	35.3	35.3
5°	40.8	39.3	36.8	33.8	31.8	29.8	28.8	28.3	28.8	28.8	28.8
7.5°	40.3	37.8	34.3	30.8	28.3	25.8	24.8	24.4	24.4	24.8	24.8
10°	39.3	36.8	32.3	28.3	25.3	22.4	20.9	19.4	19.4	19.4	19.9
12.5°	38.8	35.3	29.8	25.8	21.9	18.4	15.4	13.9	14.4	14.4	14.4
15°	37.8	33.8	28.3	23.4	18.4	13.9	11.4	9.9	10.4	10.9	10.4
17.5°	37.8	33.3	26.3	20.4	14.4	10.4	8.4	7.5	7.5	8.0	8.0
20°	37.8	32.3	24.8	17.4	10.9	8.0	6.0	5.5	5.5	6.5	7.0
22.5°	38.8	32.3	22.9	14.4	8.9	6.0	4.5	4.0	4.5	5.5	6.0
25°	40.3	31.8	20.9	12.9	7.5	4.5	3.5	2.5	3.0	4.0	4.5
27.5°	41.7	31.3	18.9	11.4	6.0	3.5	2.5	2.0	1.5	2.0	2.0
30°	43.2	31.3	16.9	9.4	5.0	2.5	1.5	1.0	0.5	0.0	0.0
32.5°	44.2	30.3	15.4	7.5	4.0	2.0	1.0	0.5	0.0	0.0	0.0
35°	45.2	29.3	13.4	6.0	3.0	1.5	0.5	0.0	0.0	0.0	0.0
37.5°	46.2	27.8	11.4	5.0	2.5	1.0	0.0	0.0	0.0	0.0	0.0
40°	47.2	25.8	9.4	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	48.2	24.4	8.0	3.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	50.7	23.4	6.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	55.2	22.4	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	61.6	21.4	5.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	70.6	20.9	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	86.5	20.4	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	113.8	19.9	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	174.4	18.9	4.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	311.6	18.4	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	543.2	18.9	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	778.8	19.9	3.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	666.4	17.4	3.5	2.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0
71°	543.2	15.4	3.5	2.0	1.0	0.5	0.5	0.0	0.0	0.0	0.0
72.5°	349.4	11.9	3.0	2.0	1.0	1.0	0.5	0.0	0.0	0.0	0.0
75°	147.6	9.9	3.0	2.0	1.5	1.0	1.0	0.5	0.0	0.0	0.0
77.5°	63.1	7.5	3.0	2.5	2.0	1.5	1.5	1.0	0.5	0.0	0.0
80°	23.9	6.0	3.5	3.0	2.5	2.5	2.0	1.0	0.5	0.0	0.0
82.5°	10.9	5.0	3.5	3.0	3.0	2.5	2.0	1.5	1.0	0.0	0.0
85°	7.0	4.5	3.5	3.0	3.0	2.5	2.5	1.5	1.0	0.0	0.0
87.5°	5.5	4.5	3.5	3.5	3.0	3.0	2.0	1.5	0.5	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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

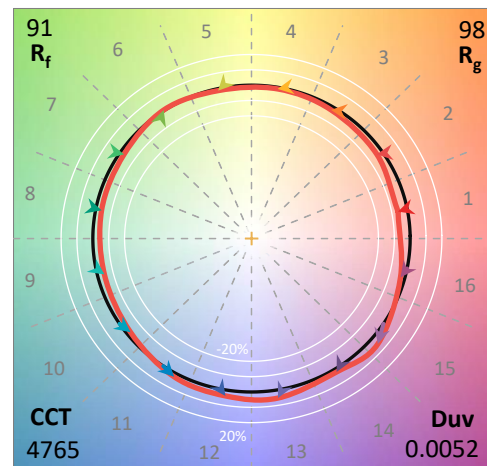
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

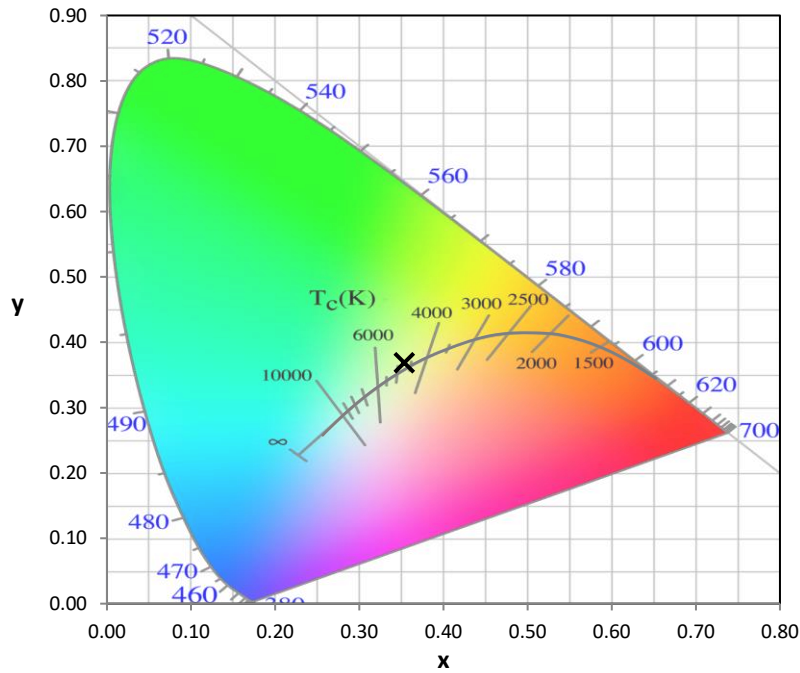
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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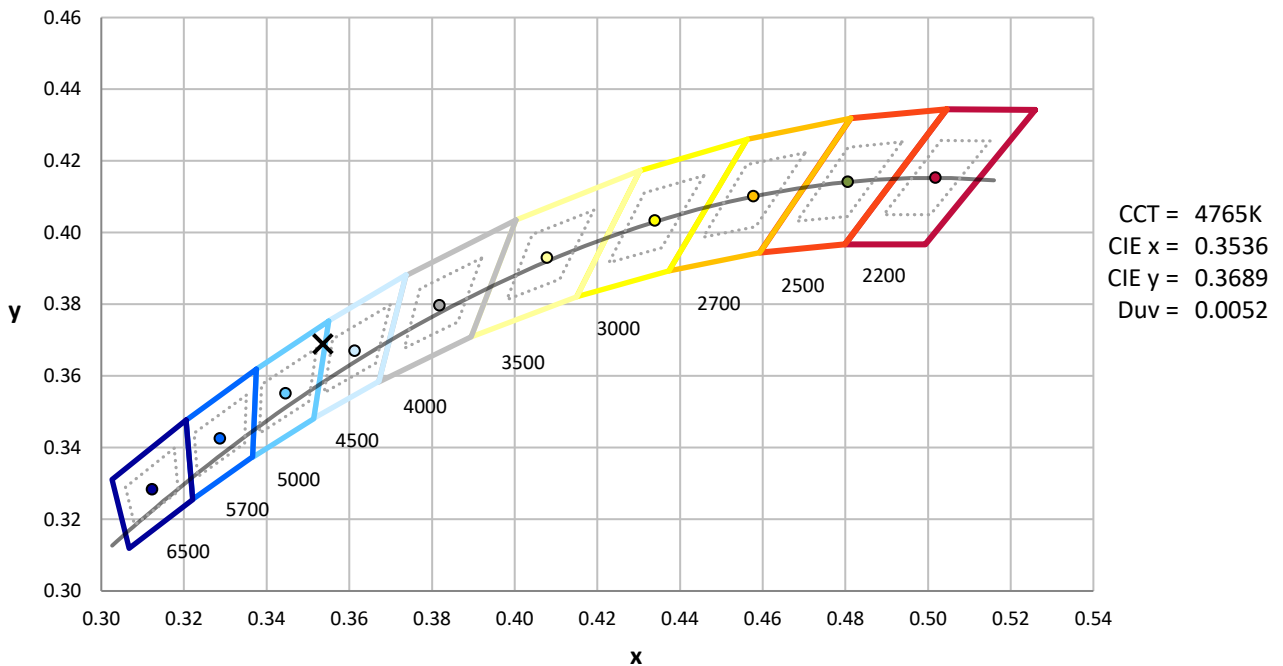
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



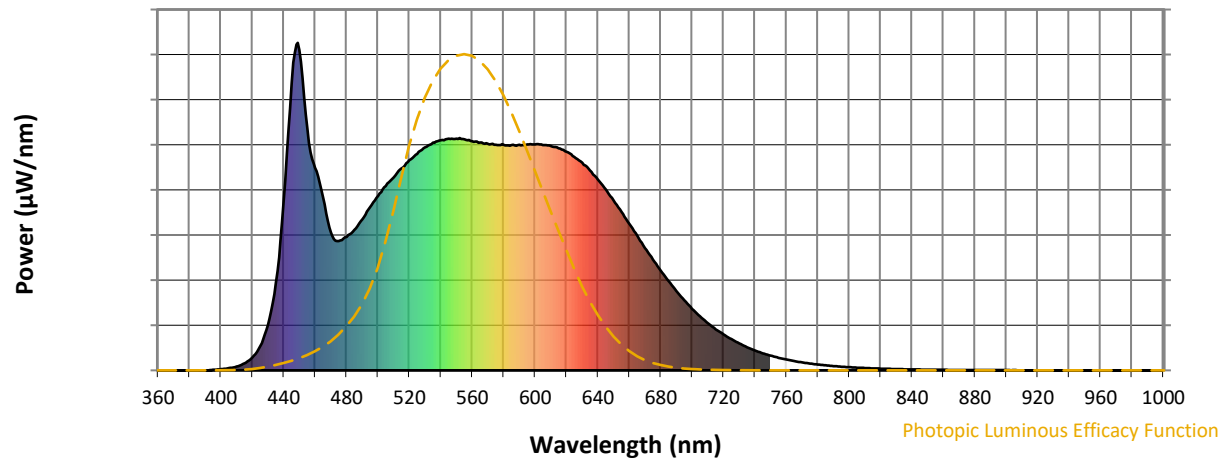
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

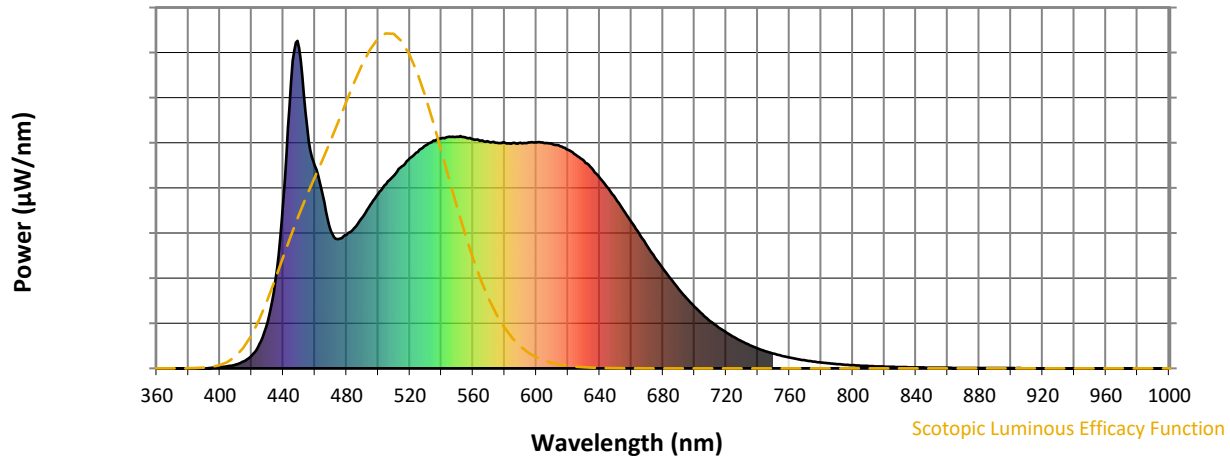


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



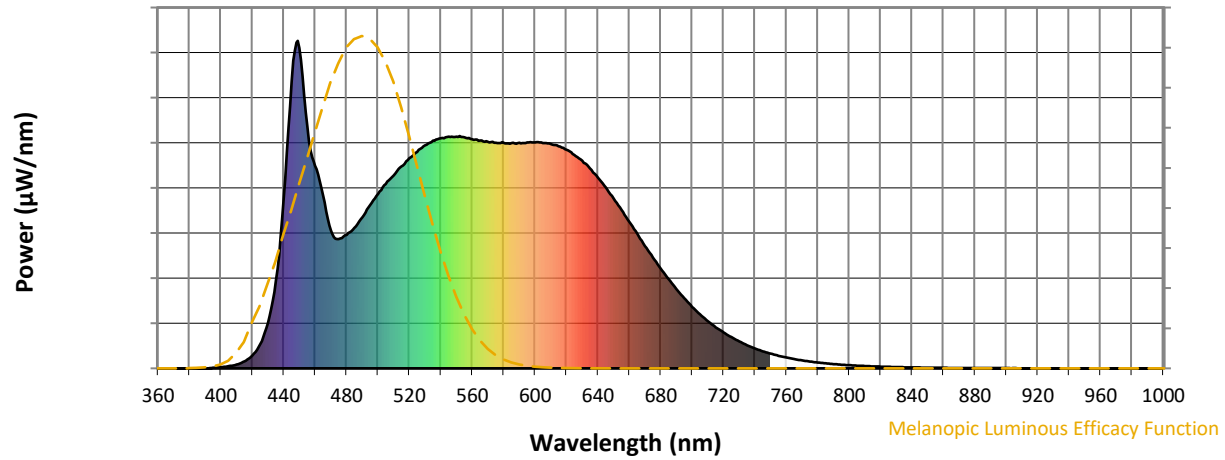
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 4.22

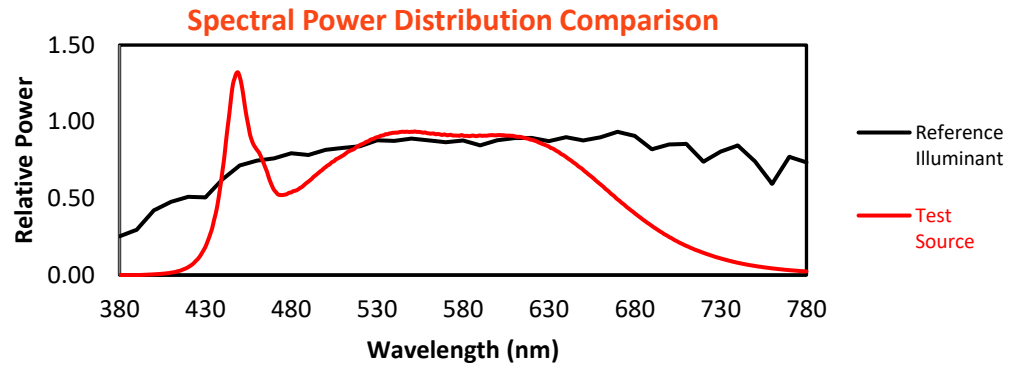
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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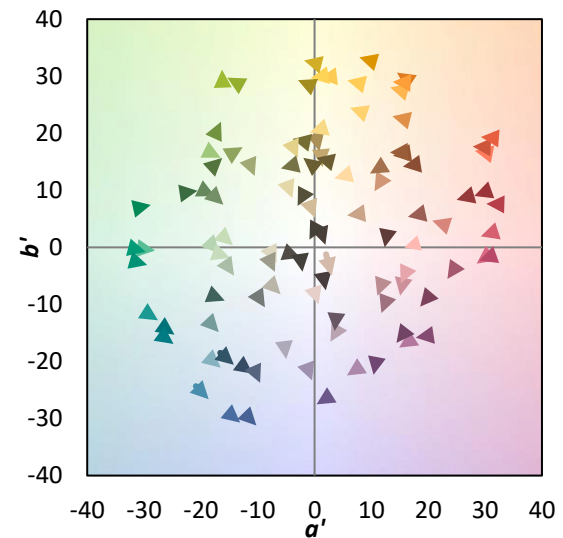
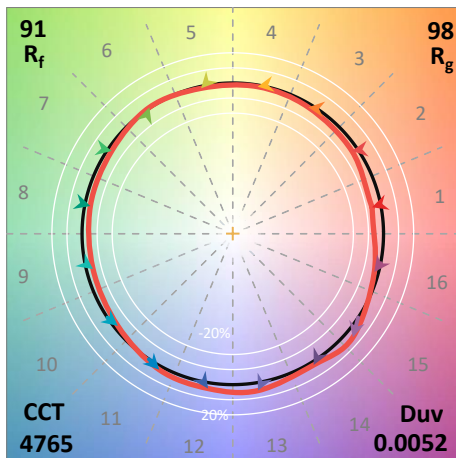
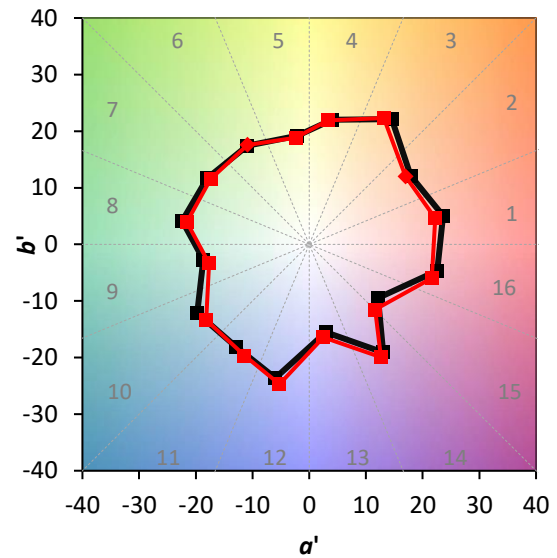
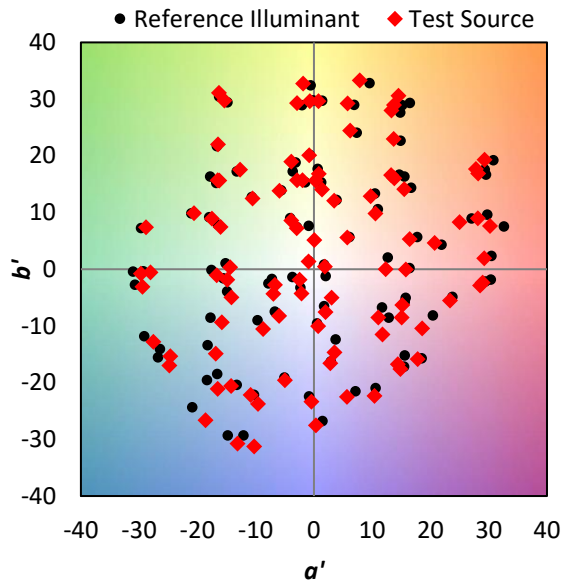
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 $CIE R_a = 90.8$
 $R_9 = 54.9$

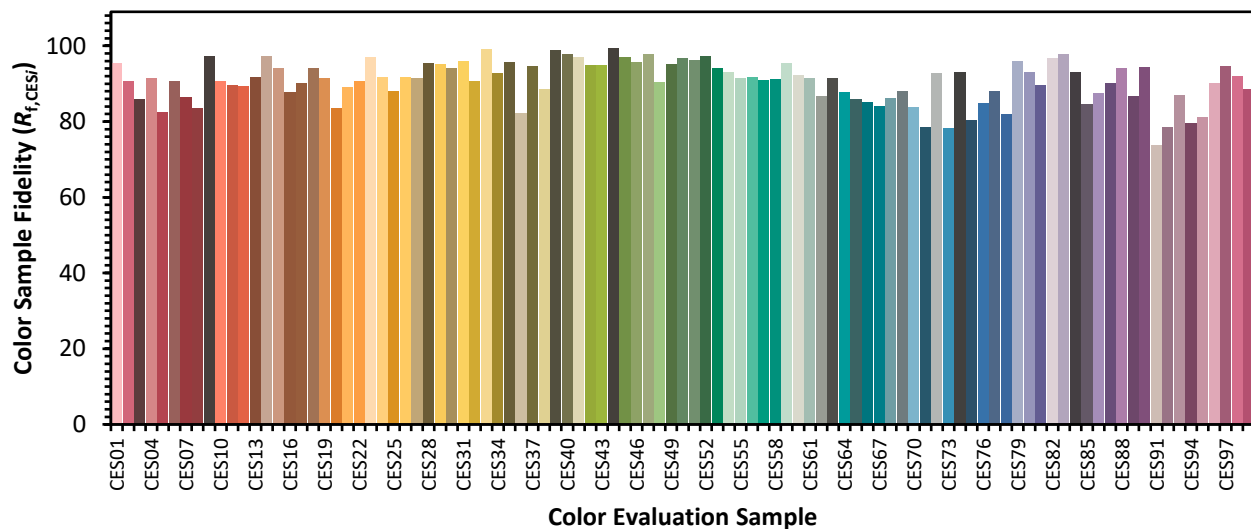


Color Vector Graphics

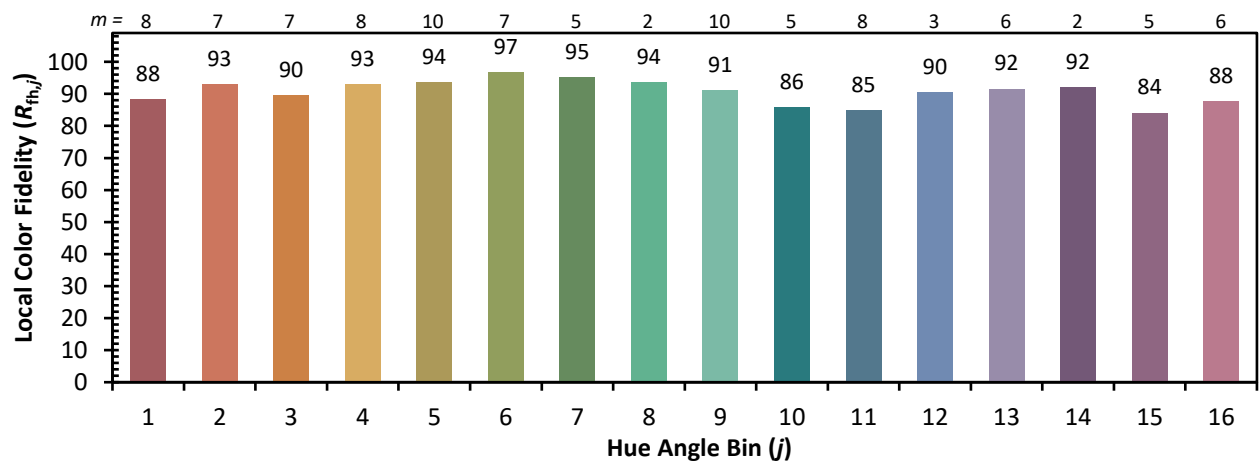
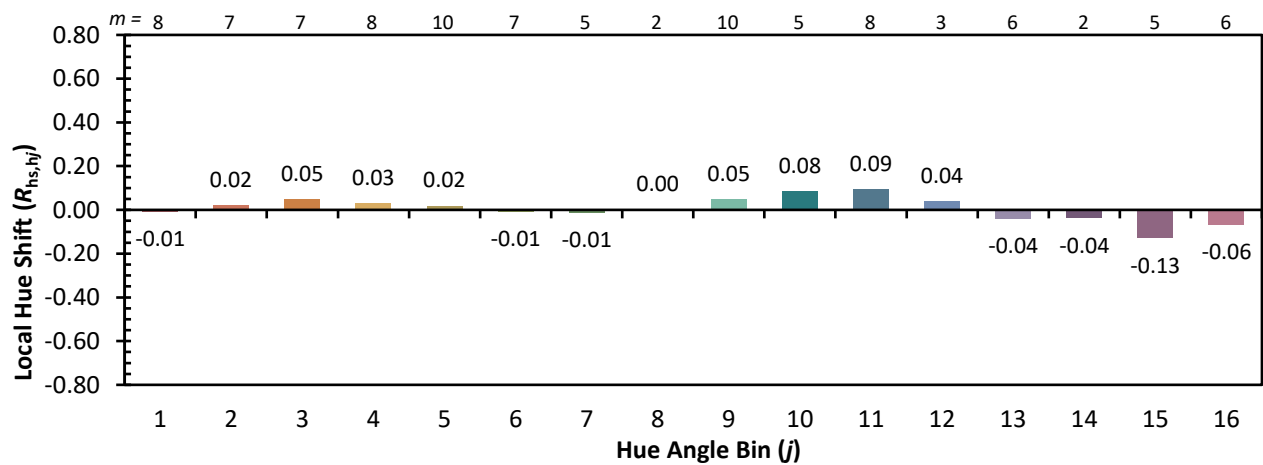
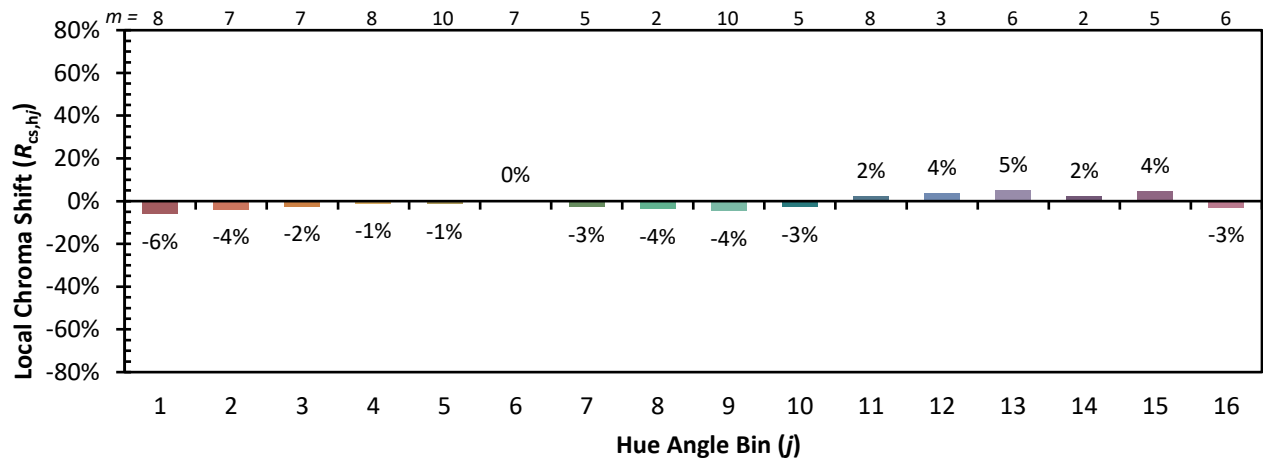


Individual Sample Fidelity Index ($R_{f,i}$)

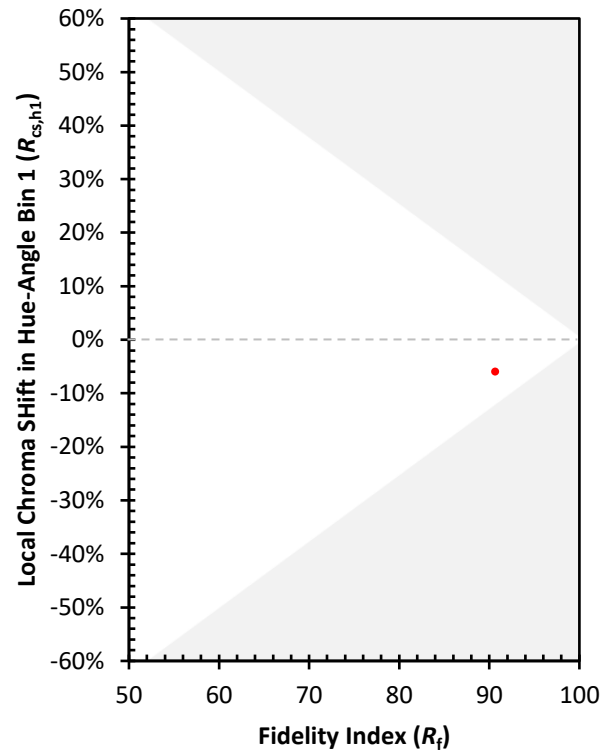
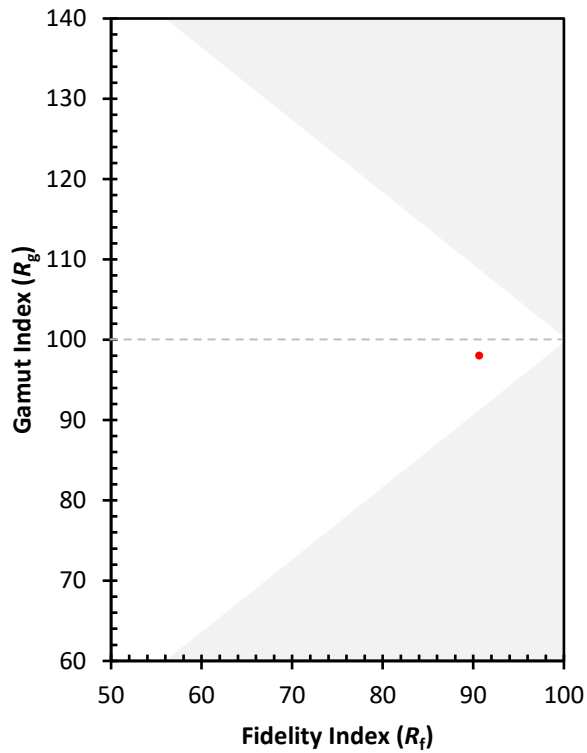
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)