

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: P1063847

Luminaire Tested: **GLAN-SA3C-950-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063847
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3C-950-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13381.7 lumens
Efficiency: N/A
Efficacy: 95.3 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): 140.4
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



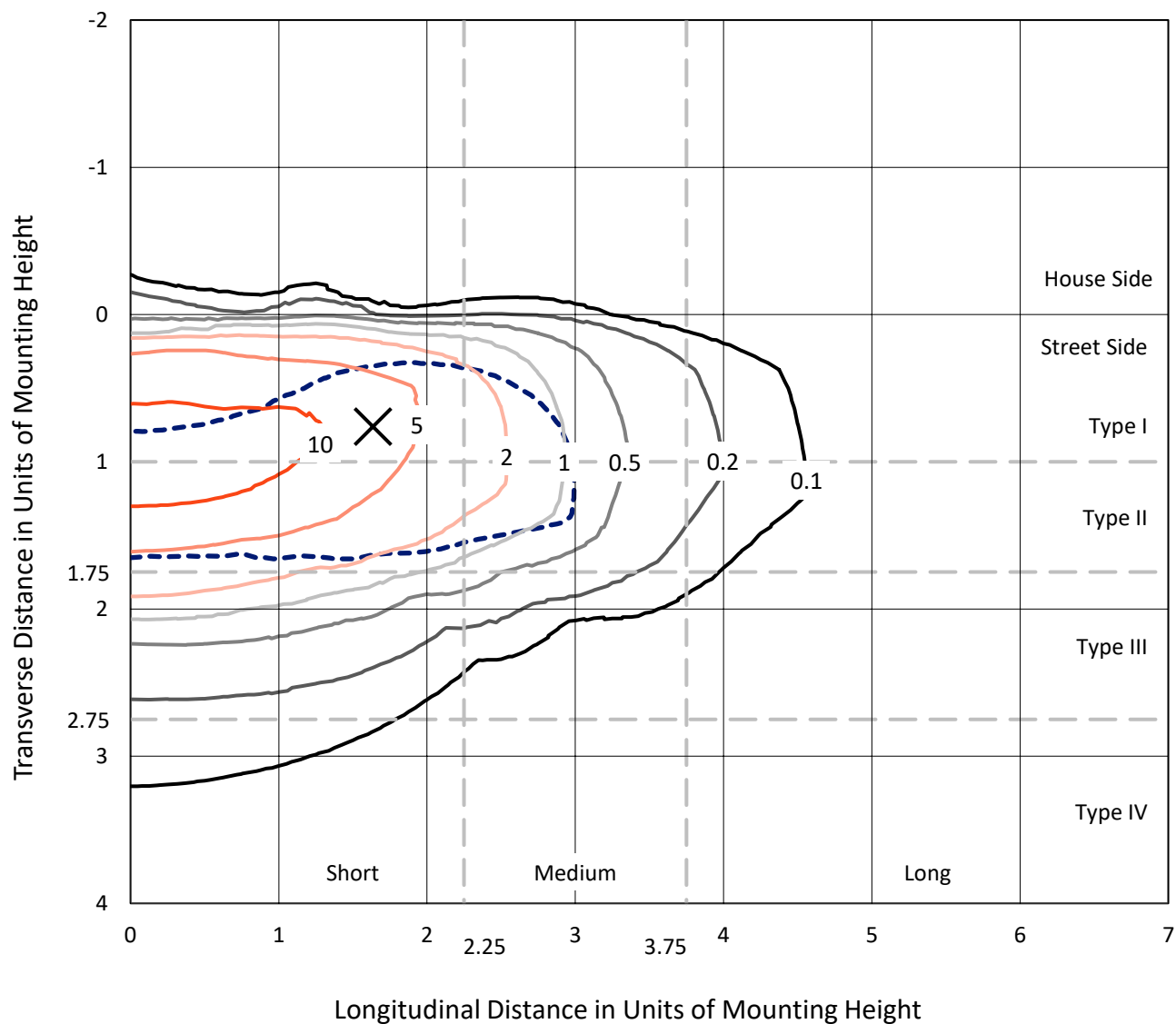
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CATALOG NUMBER: GLAN-SA3C-950-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

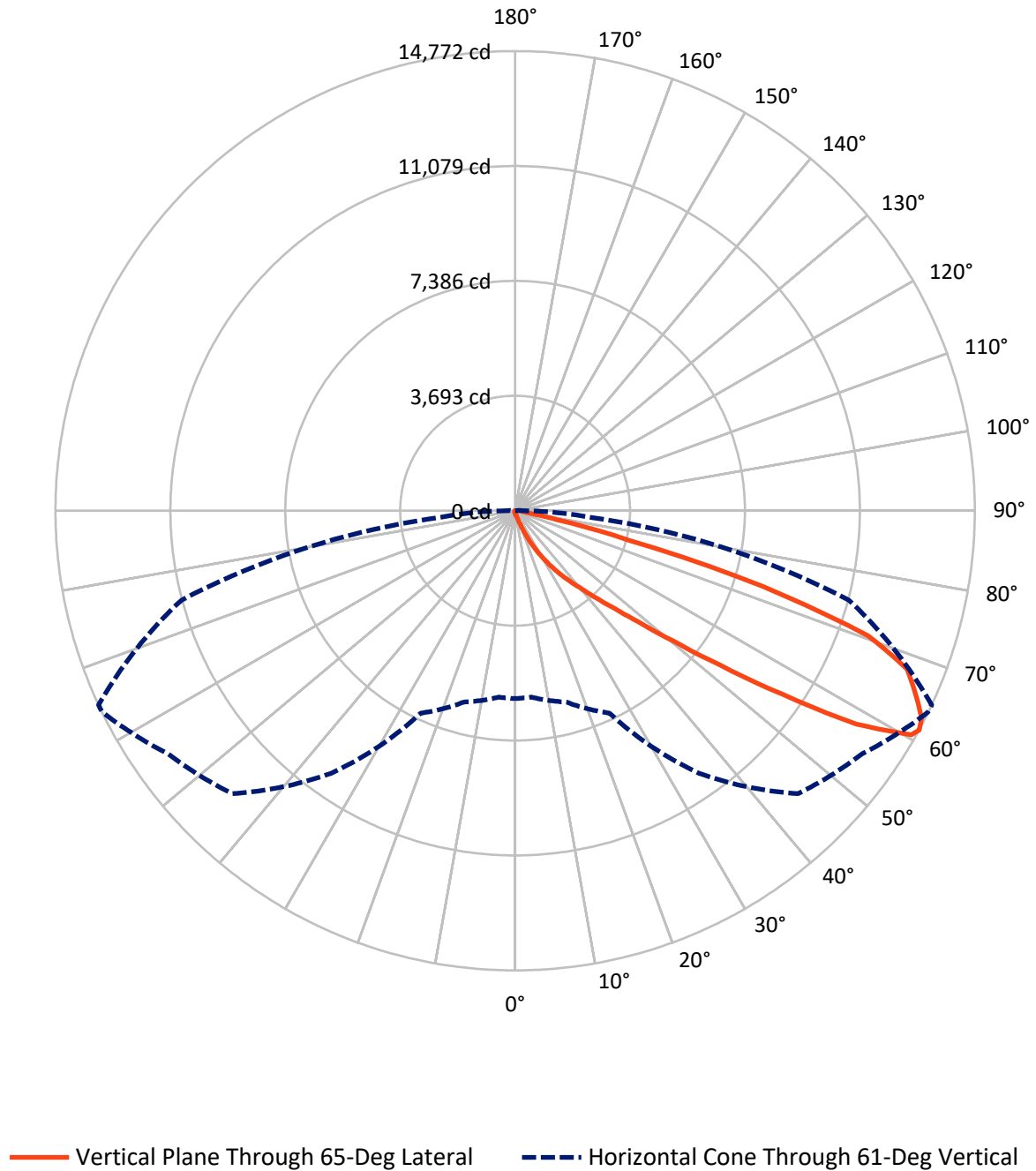


Based on 15 foot mounting height. Maximum calculated value = 17.7 fc
 Type II - Short - N/A

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CATALOG NUMBER: GLAN-SA3C-950-U-T2BC

Luminous Intensity Polar Plot



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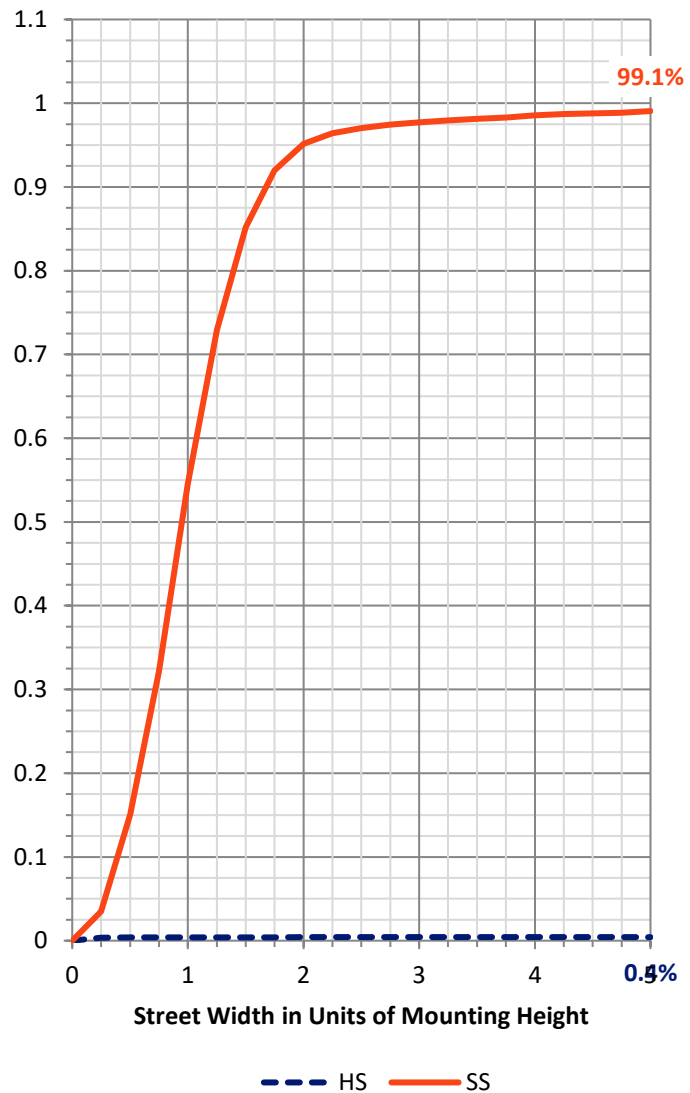
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	57.1	0.0	57.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13324.6	0.0	13324.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	13381.7	0.0	13381.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	0.1
10°-20°	110.0	0.8
20°-30°	394.9	3.0
30°-40°	1051.4	7.9
40°-50°	2762.1	20.6
50°-60°	4279.0	32.0
60°-70°	3587.8	26.8
70°-80°	1055.8	7.9
80°-90°	130.2	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°	13381.7	100.0
0°-180°	13381.7	100.0



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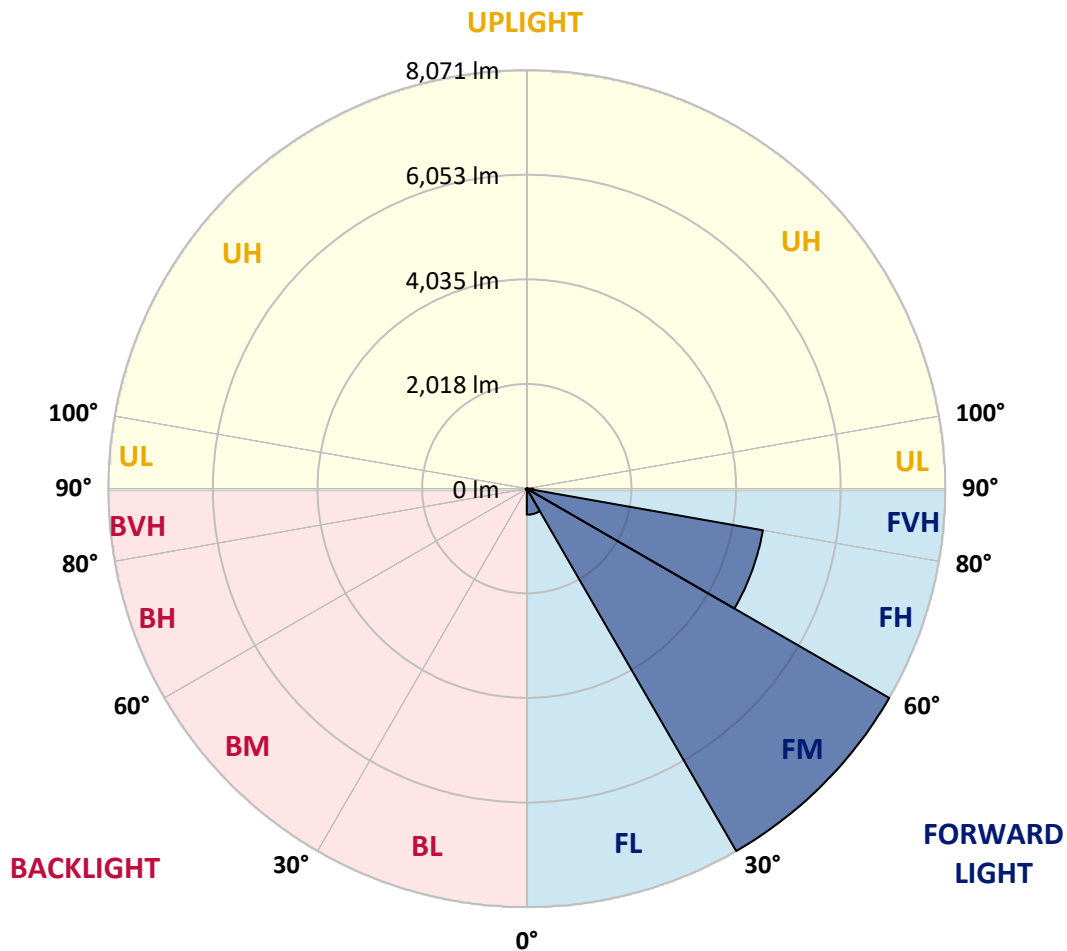
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	502.6	3.8			
FM	(30°-60°)	8070.7	60.3			
FH	(60°-80°)	4623.5	34.6			G2/5000
FVH	(80°-90°)	127.8	1.0			G2/225
BL	(0°-30°)	12.8	0.1	B0/110		
BM	(30°-60°)	21.7	0.2	B0/220		
BH	(60°-80°)	20.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	99.4	100.3	98.5	94.8	92.1	92.1	91.1	88.4	88.4	85.6	83.8
5°	139.0	137.2	133.5	126.1	119.7	113.2	106.8	100.3	99.4	91.1	85.6
7.5°	227.4	229.2	217.2	194.2	174.9	150.0	127.0	113.2	111.4	97.6	86.5
10°	498.9	485.1	457.5	368.2	302.9	228.3	169.4	131.6	129.8	104.9	88.4
12.5°	909.5	898.4	847.8	755.7	587.3	408.7	247.6	162.9	157.4	111.4	89.3
15°	1310.8	1293.3	1265.7	1172.7	975.8	732.7	405.0	222.8	208.0	120.6	88.4
17.5°	1566.7	1569.5	1544.6	1505.0	1378.0	1084.4	699.6	332.3	303.8	137.2	86.5
20°	1790.4	1784.0	1797.8	1776.6	1687.3	1473.8	1018.1	526.5	477.7	163.9	87.4
22.5°	2048.2	2063.8	2073.9	2069.3	1970.8	1788.6	1379.9	788.0	726.3	212.6	90.2
25°	2393.4	2391.5	2392.4	2380.5	2284.7	2082.2	1742.5	1112.9	1050.3	291.8	96.7
27.5°	2755.1	2766.2	2770.8	2727.5	2602.3	2403.5	2078.5	1468.2	1394.6	418.8	104.9
30°	3249.4	3240.2	3219.1	3130.7	2978.8	2732.1	2409.9	1841.0	1763.7	596.5	117.8
32.5°	3915.9	3905.8	3799.0	3603.8	3376.5	3074.5	2743.1	2214.8	2120.9	818.3	135.3
35°	5014.1	5029.7	4767.4	4262.0	3854.2	3486.0	3112.3	2586.7	2503.8	1091.7	159.2
37.5°	6695.9	6610.3	6254.0	5361.1	4482.9	3999.7	3464.8	2962.2	2890.4	1428.6	190.5
40°	8329.8	8245.1	8142.0	7296.0	5575.6	4565.8	3958.2	3403.2	3310.2	1808.8	236.6
42.5°	10047.5	10000.5	9995.9	9358.0	7569.4	5455.9	4552.0	3919.6	3840.4	2225.8	312.1
45°	11264.4	11217.5	11315.9	11427.3	10285.0	7363.2	5585.7	4590.6	4475.6	2732.1	432.6
47.5°	11428.2	11430.1	11693.4	12042.2	12302.7	10313.5	6962.8	5479.9	5339.9	3456.6	635.2
50°	10883.3	10904.5	11323.3	11947.4	12648.9	12788.8	9391.1	6770.4	6563.3	4315.4	922.4
52.5°	9845.9	9869.8	10453.4	11479.8	12330.4	13383.4	12250.3	8458.7	8220.2	5386.9	1327.4
55°	8911.5	8926.3	9595.5	10892.5	11946.5	13060.3	13947.7	10713.0	10400.0	6705.1	1726.9
57.5°	7986.4	7952.4	8387.8	9872.6	11881.1	12663.6	14198.1	13282.2	12937.0	8145.7	2038.0
60°	6749.2	6692.2	7042.0	7986.4	11021.4	12924.1	13729.5	14703.5	14625.2	10151.5	2278.3
61°	6037.7	6013.8	6365.4	7175.4	10297.9	12857.8	13617.2	14763.3	14771.6	11100.5	2386.0
62.5°	4311.7	4379.8	4917.4	5970.5	8625.3	12427.9	13632.0	14578.3	14660.2	12361.7	2664.9
65°	1916.5	2026.1	2444.0	3301.0	5015.9	10338.4	13501.3	14172.3	14131.8	12707.8	3625.9
67.5°	1136.8	1153.4	1361.4	1870.5	2656.6	5560.9	11914.3	13635.7	13581.3	11062.8	4511.5
70°	895.7	904.0	970.2	1173.7	1541.9	2130.1	6799.9	11797.4	12034.0	8970.5	4416.7
72.5°	849.6	847.8	857.0	892.9	971.1	1056.8	2632.7	7841.9	8323.3	6460.2	3703.2
75°	838.6	834.9	825.7	811.9	703.3	622.3	815.6	3468.5	3747.4	4413.9	2788.3
77.5°	813.7	814.7	816.5	778.8	602.9	440.0	394.9	1112.9	1368.8	2801.1	1981.9
80°	550.5	558.8	572.6	557.8	542.2	318.5	278.9	395.8	401.3	1572.2	1309.0
82.5°	278.9	278.9	272.5	243.0	209.9	207.1	221.8	287.2	290.9	795.3	615.8
85°	168.5	177.7	181.3	164.8	151.0	139.0	169.4	228.3	236.6	308.4	143.6
87.5°	37.7	38.7	42.3	56.2	81.9	111.4	157.4	209.0	212.6	197.9	17.5
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-SA3C-950-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
2.5°	82.8	81.0	80.1	77.3	74.6	71.8	70.0	69.0	70.0	70.9	70.9
5°	81.9	79.2	74.6	70.0	66.3	62.6	58.9	58.0	58.0	58.9	58.9
7.5°	81.9	77.3	70.9	65.4	59.8	54.3	51.5	49.7	50.6	50.6	50.6
10°	81.9	76.4	68.1	59.8	53.4	46.9	42.3	40.5	40.5	40.5	40.5
12.5°	81.0	75.5	65.4	55.2	46.0	38.7	33.1	30.4	31.3	31.3	31.3
15°	79.2	72.7	61.7	46.9	36.8	29.5	23.9	21.2	22.1	23.9	24.9
17.5°	76.4	70.0	55.2	39.6	29.5	22.1	16.6	14.7	15.6	18.4	18.4
20°	75.5	67.2	48.8	32.2	22.1	15.6	11.0	9.2	10.1	13.8	14.7
22.5°	75.5	65.4	44.2	26.7	16.6	10.1	6.4	3.7	3.7	6.4	6.4
25°	76.4	64.4	40.5	22.1	12.0	7.4	3.7	1.8	3.7	10.1	12.0
27.5°	78.2	63.5	38.7	18.4	9.2	6.4	2.8	6.4	11.0	11.0	11.0
30°	80.1	61.7	35.9	15.6	8.3	4.6	4.6	9.2	9.2	11.0	12.0
32.5°	82.8	60.8	34.1	13.8	6.4	3.7	6.4	5.5	5.5	6.4	7.4
35°	88.4	61.7	32.2	13.8	6.4	4.6	5.5	2.8	1.8	1.8	1.8
37.5°	95.7	62.6	29.5	12.0	5.5	5.5	2.8	0.0	0.0	0.0	0.0
40°	107.7	65.4	27.6	11.0	4.6	4.6	0.9	0.0	0.0	0.0	0.0
42.5°	128.0	70.9	26.7	10.1	4.6	3.7	0.0	0.0	0.0	0.0	0.0
45°	168.5	83.8	24.9	9.2	4.6	1.8	0.0	0.0	0.0	0.0	0.0
47.5°	242.1	114.1	23.9	7.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0
50°	353.5	154.6	23.0	6.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	451.1	162.9	15.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	462.1	112.3	12.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	368.2	72.7	10.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	278.9	55.2	9.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	267.9	49.7	9.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	295.5	43.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	480.5	35.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	834.9	31.3	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1054.9	29.5	5.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	919.6	26.7	5.5	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	553.2	23.0	5.5	3.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	290.0	17.5	5.5	4.6	2.8	0.9	0.0	0.0	0.0	0.0	0.0
80°	140.8	15.6	6.4	4.6	3.7	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	55.2	12.9	7.4	6.4	4.6	2.8	0.9	0.0	0.0	0.0	0.0
85°	24.9	11.0	8.3	7.4	6.4	3.7	0.9	0.0	0.0	0.0	0.0
87.5°	12.9	10.1	9.2	8.3	6.4	4.6	1.8	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: SP1-2407-184-17

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

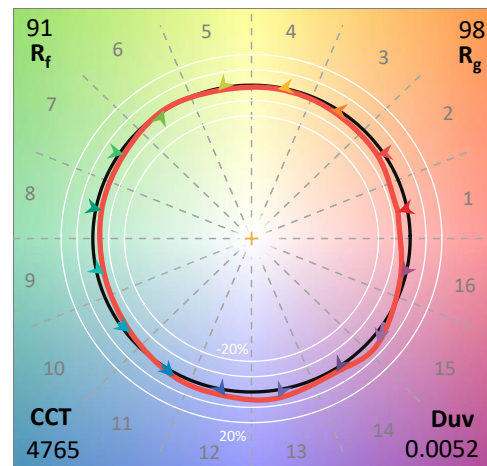
Test Information

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

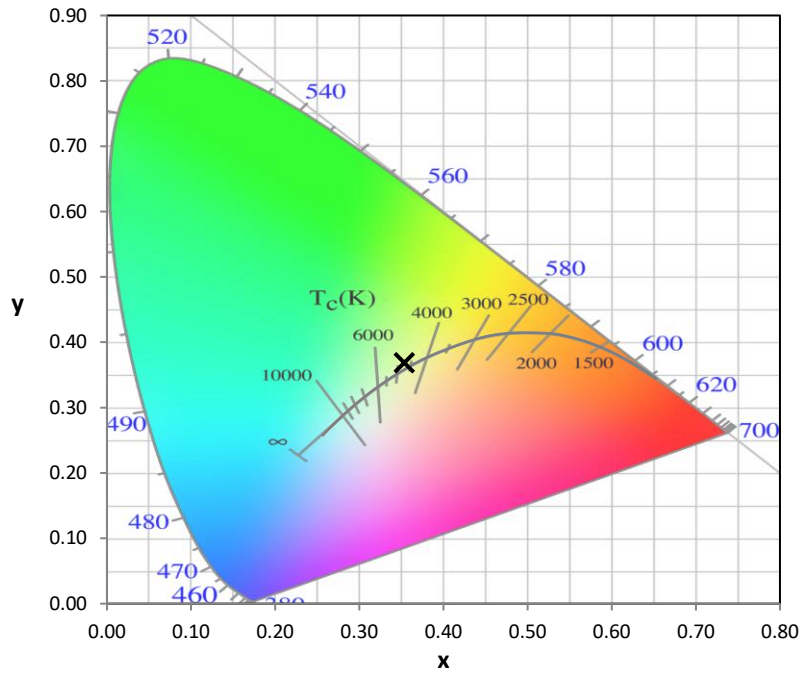
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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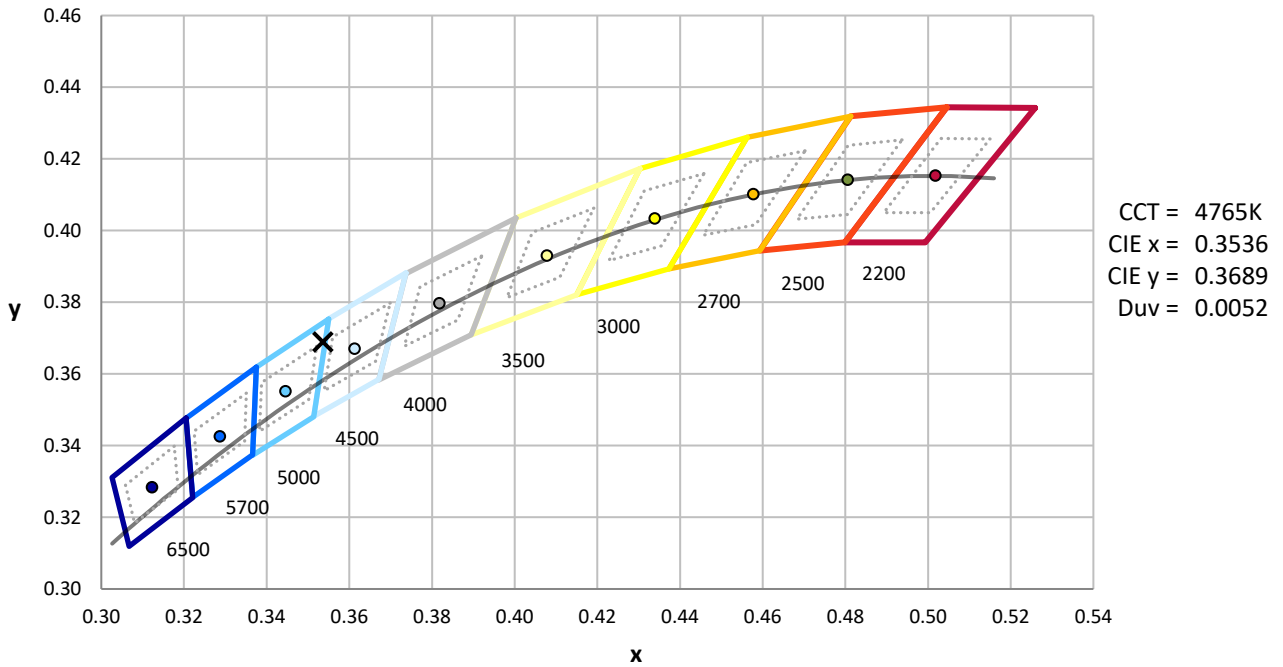
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



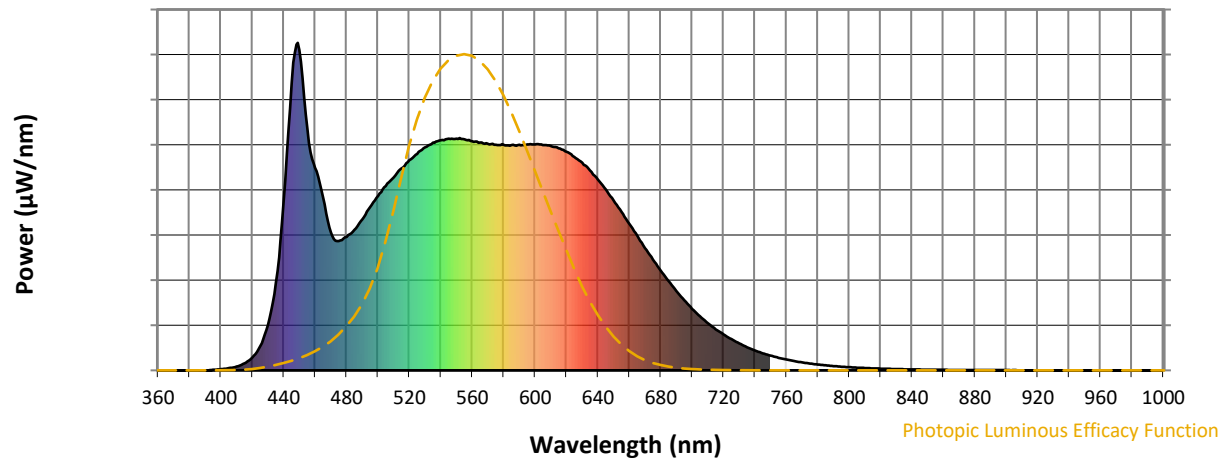
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

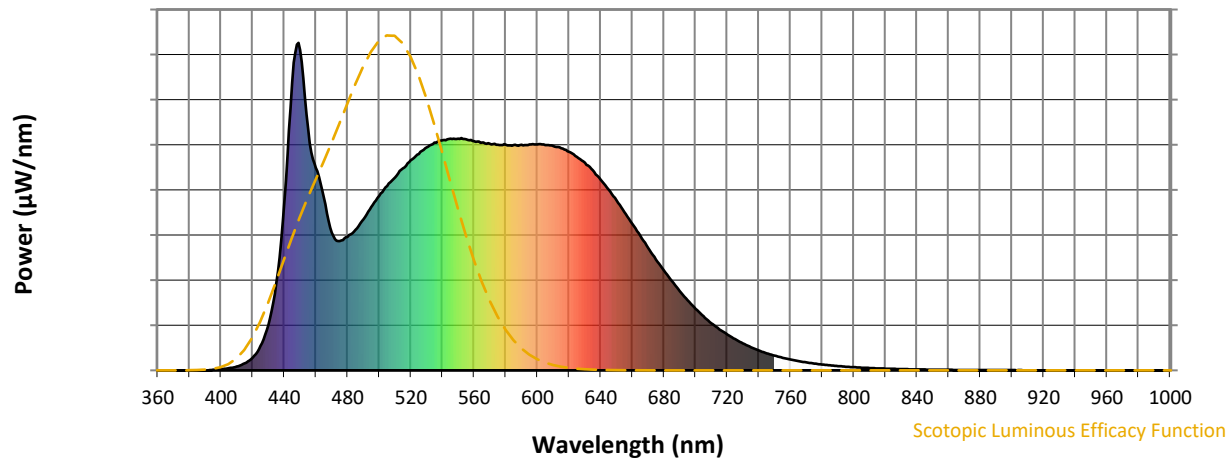


Photopic Lumens: NR

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



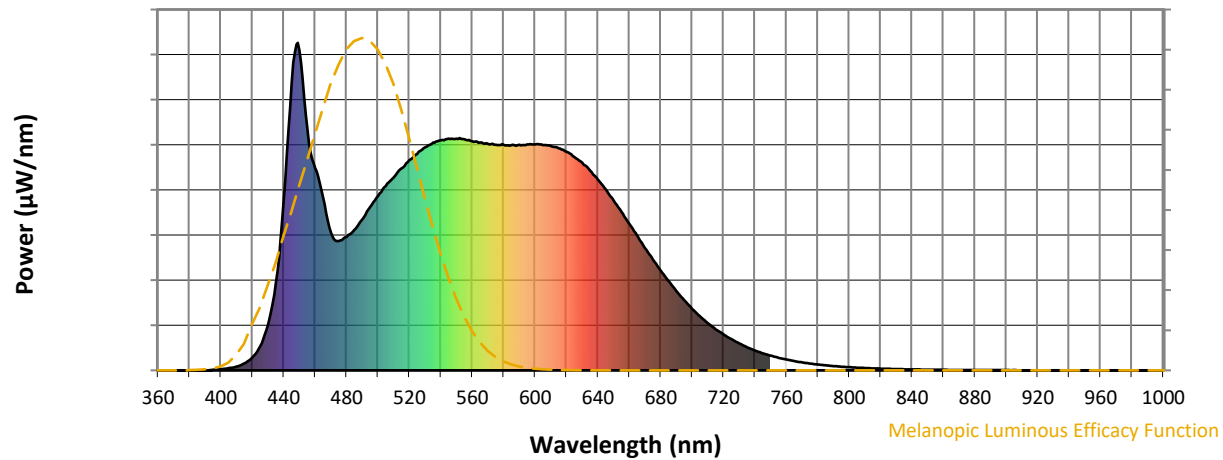
Scotopic Lumens: NR

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

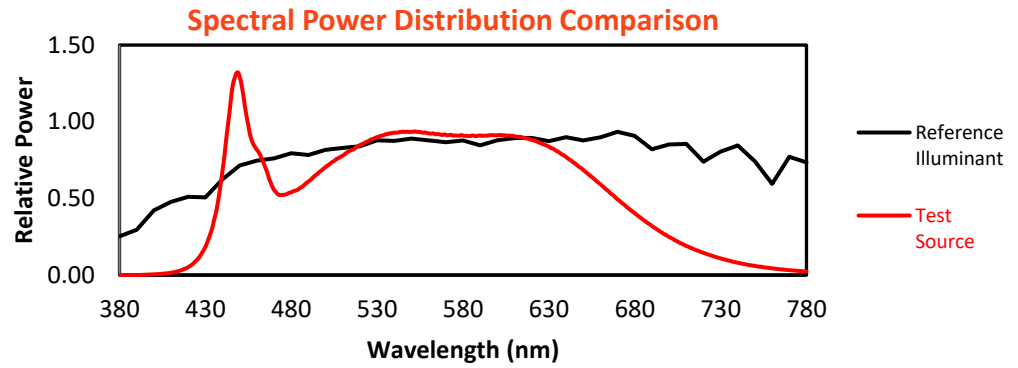
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462	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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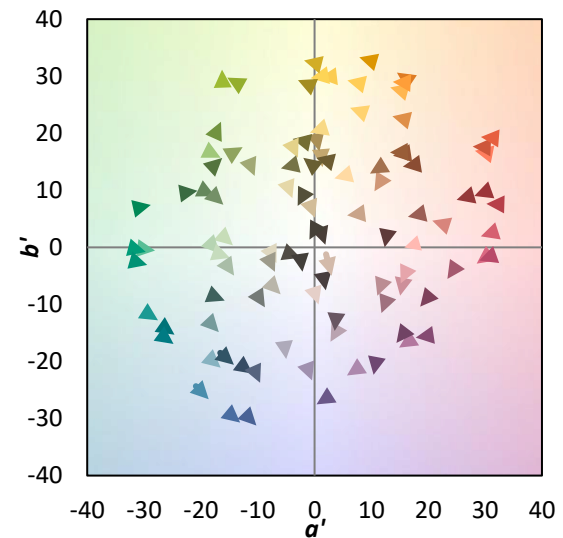
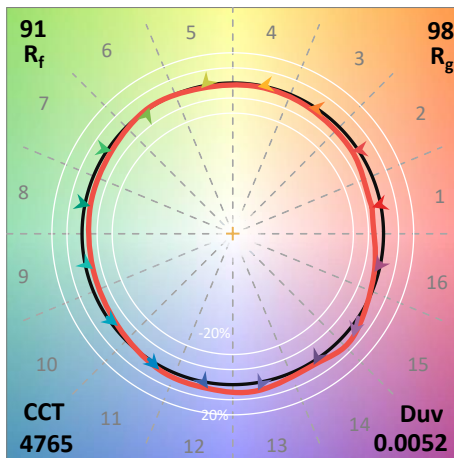
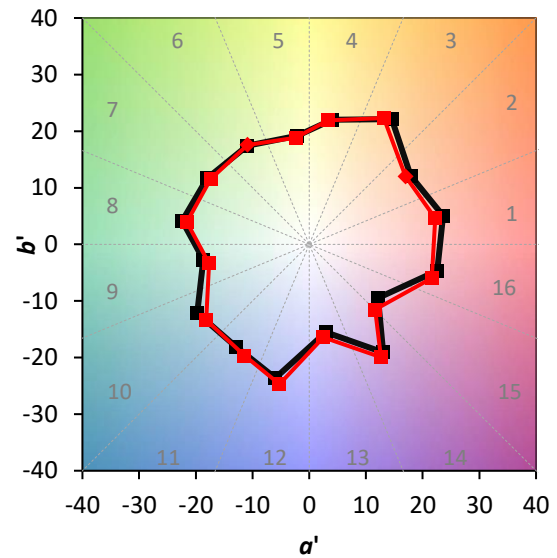
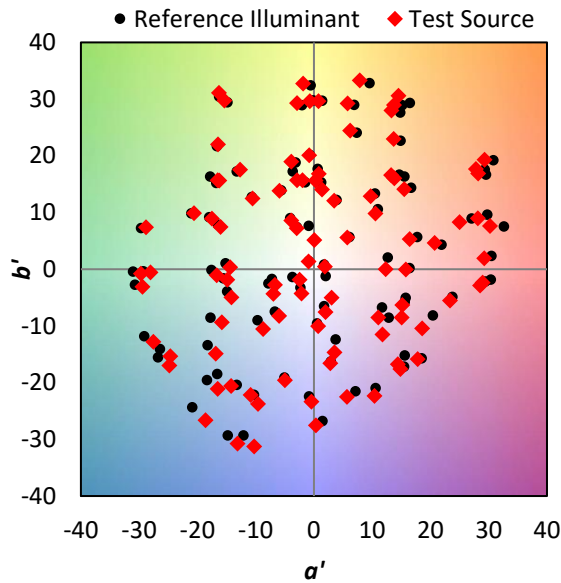
TM-30-18

Summary

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

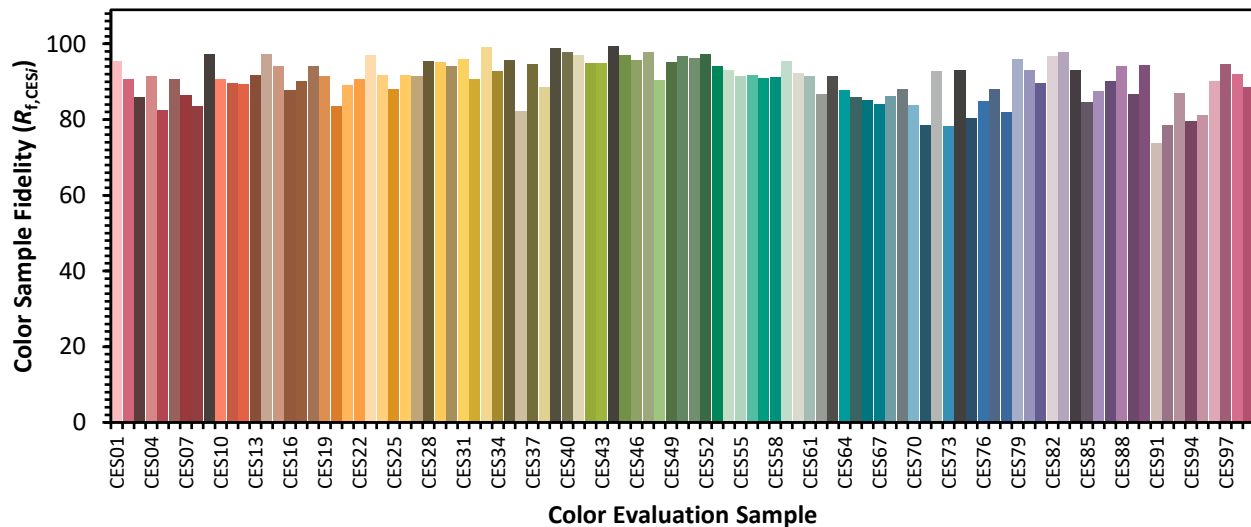


Color Vector Graphics

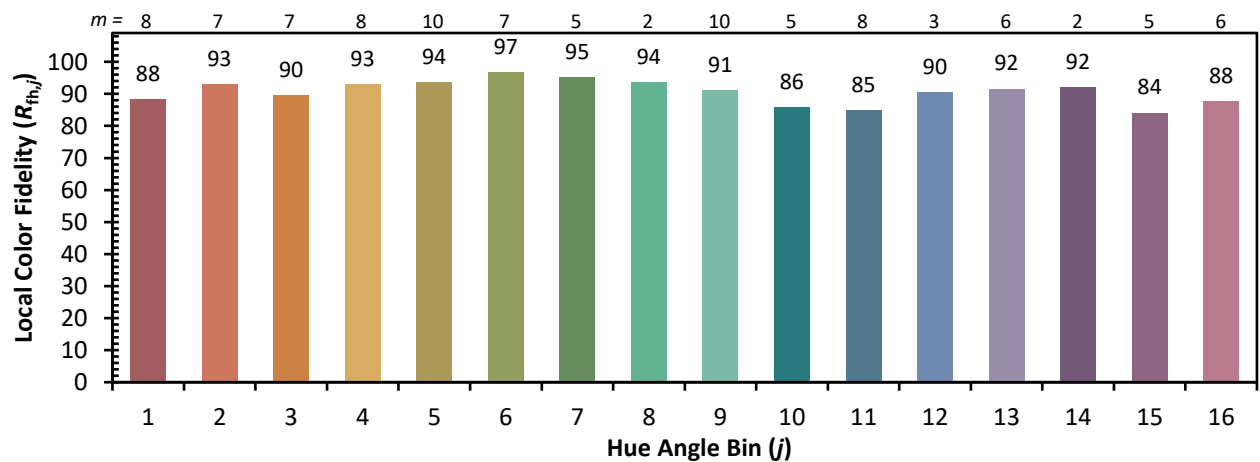
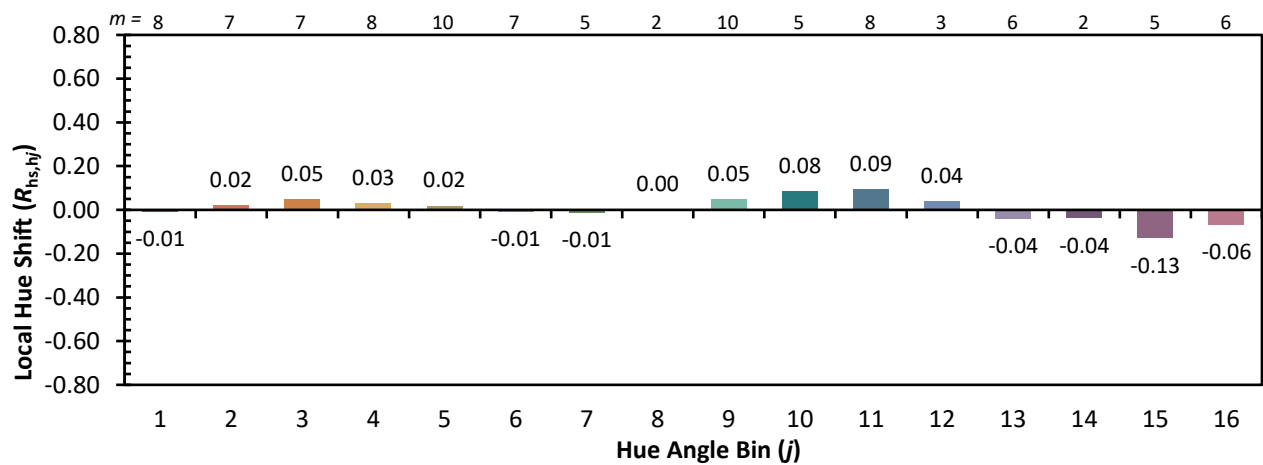
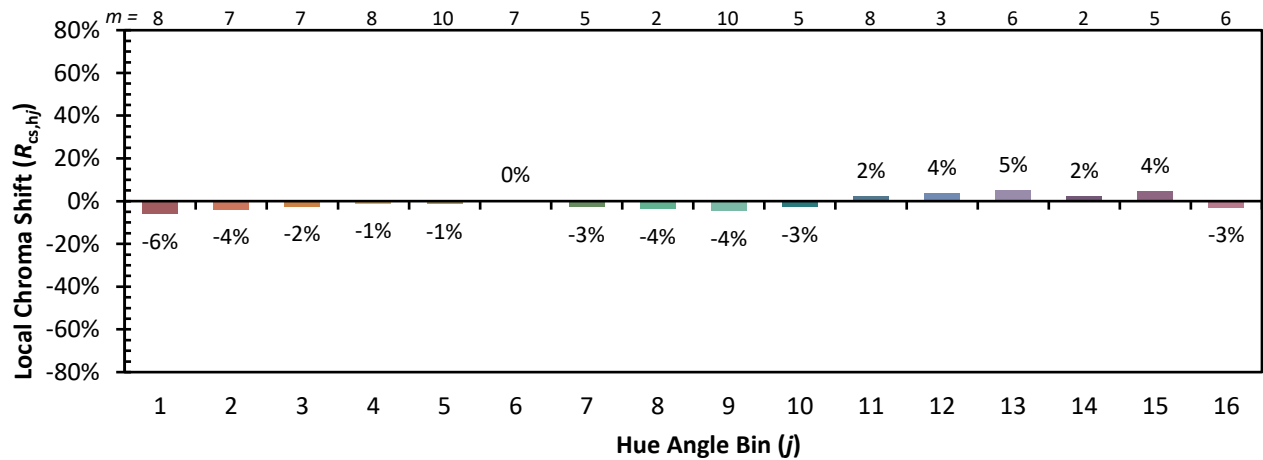


Individual Sample Fidelity Index ($R_{f,i}$)

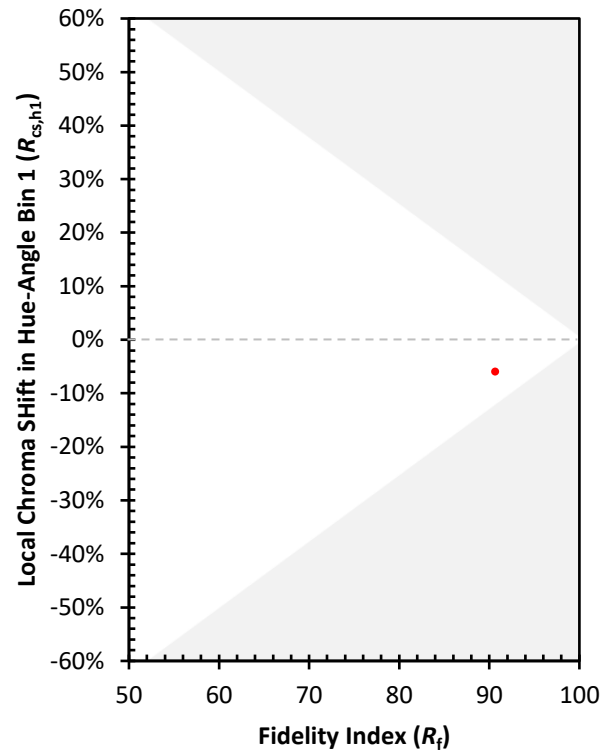
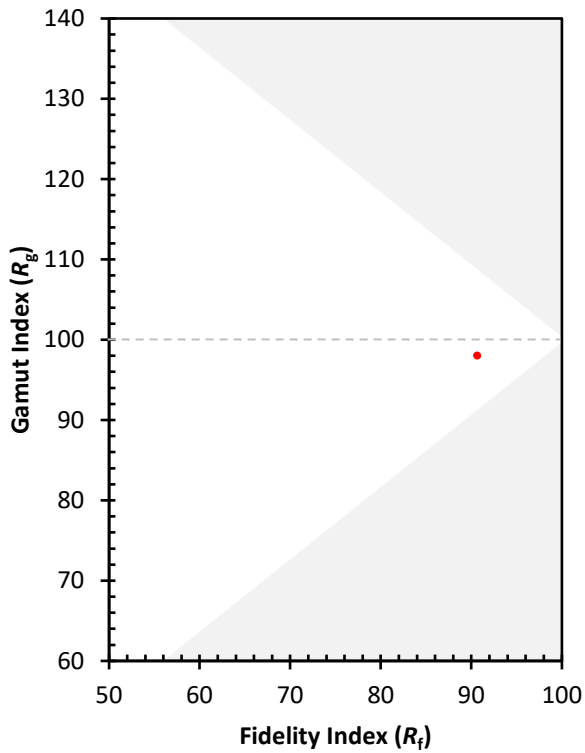
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 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)