

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: McGRAW-EDISON

Report Number: P1048819

Luminaire Tested: **GALN-SA2C-950-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048819
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-950-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 9102.8 lumens
Efficiency: N/A
Efficacy: 94.6 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): 96.2
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

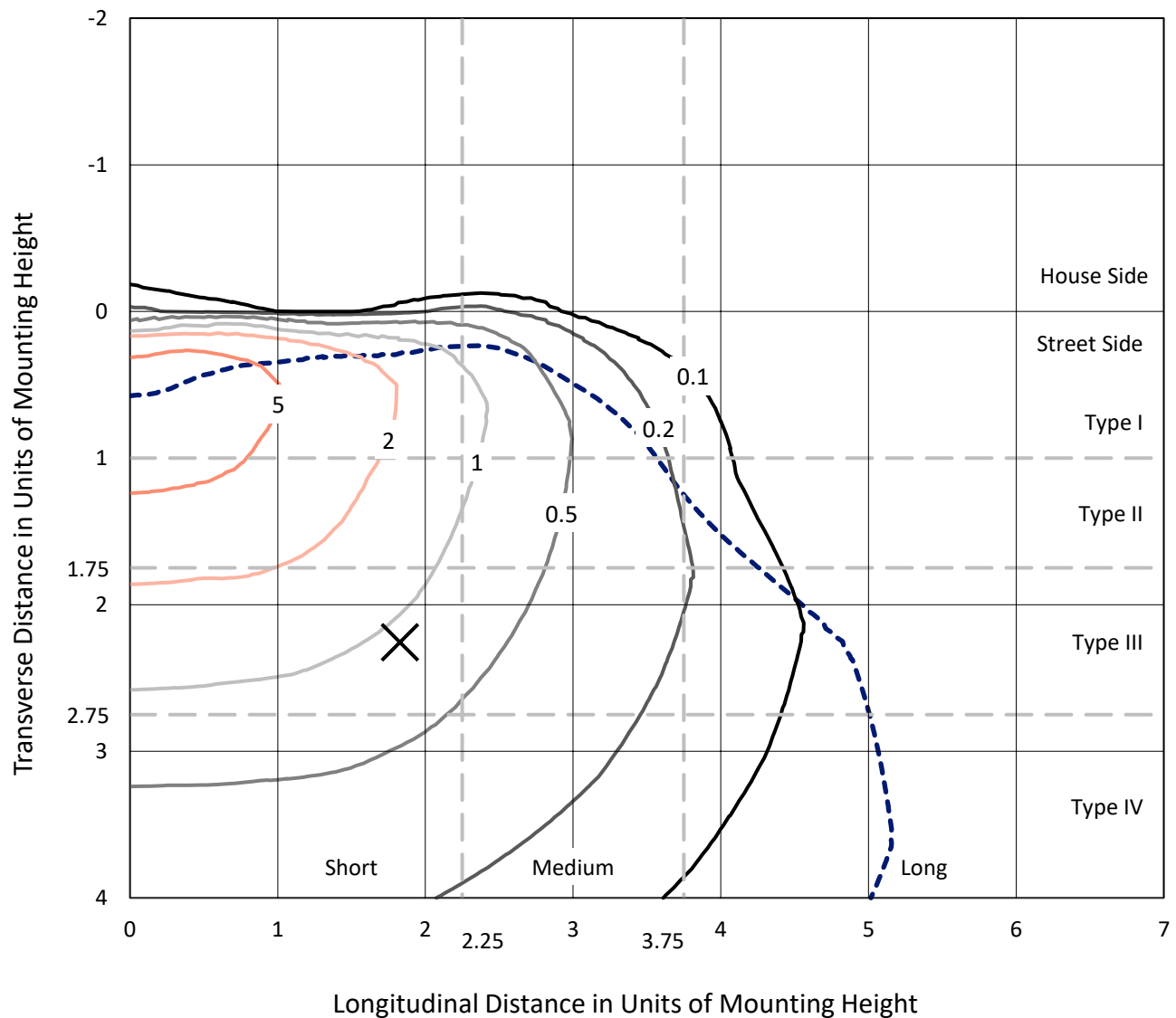


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

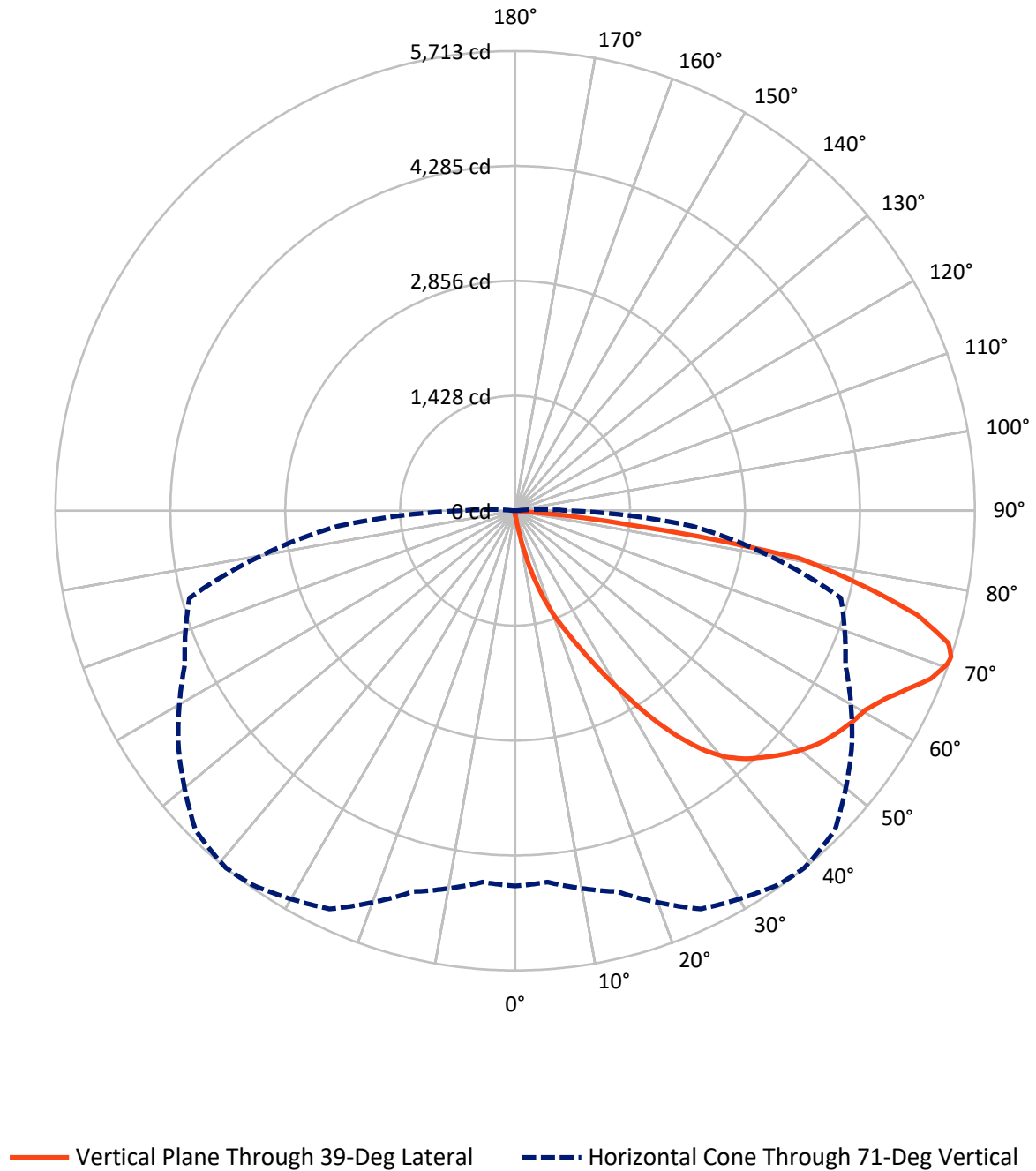


Based on 15 foot mounting height. Maximum calculated value = 9.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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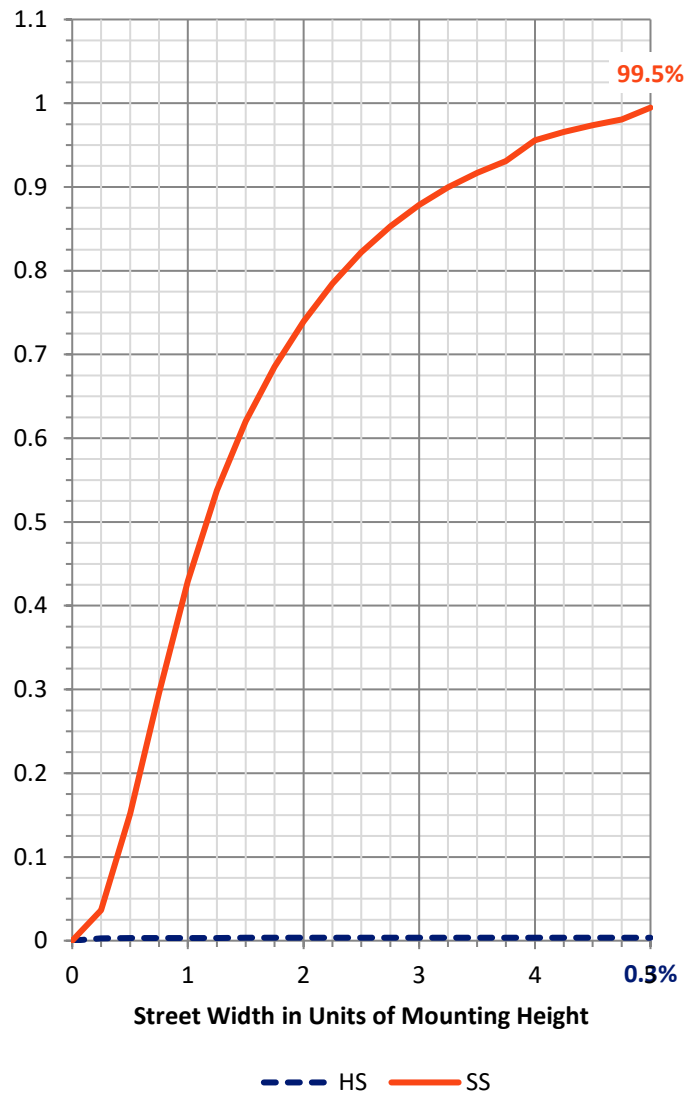
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.3	0.0	32.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9070.4	0.0	9070.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	9102.8	0.0	9102.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.6	0.1
10°-20°	97.3	1.1
20°-30°	346.5	3.8
30°-40°	835.0	9.2
40°-50°	1397.5	15.4
50°-60°	1794.9	19.7
60°-70°	2271.5	25.0
70°-80°	2025.1	22.2
80°-90°	327.3	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°	9102.8	100.0
0°-180°	9102.8	100.0



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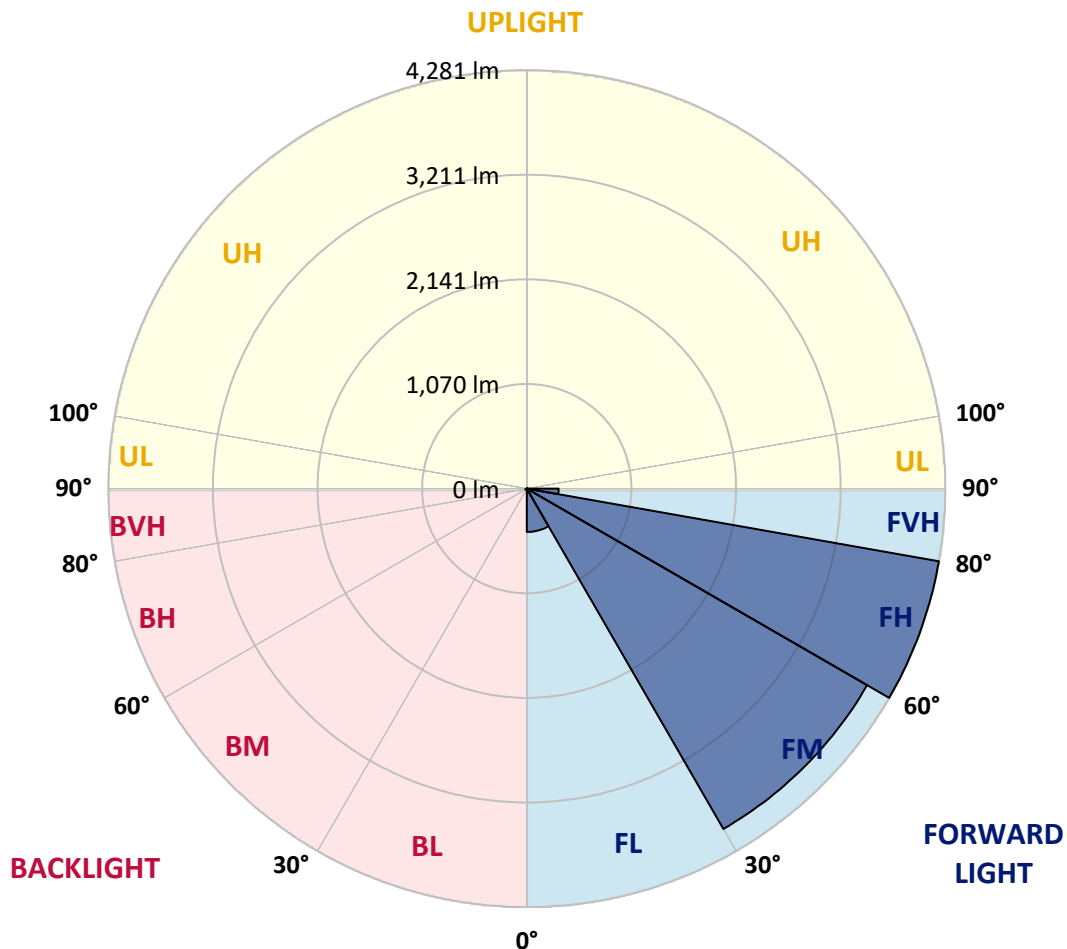
CATALOG NUMBER: GALN-SA2C-950-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	443.6	4.9			
FM	(30°-60°)	4020.0	44.2			
FH	(60°-80°)	4281.1	47.0			G2/5000
FVH	(80°-90°)	325.9	3.6			G3/500
BL	(0°-30°)	7.8	0.1	B0/110		
BM	(30°-60°)	7.5	0.1	B0/220		
BH	(60°-80°)	15.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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°	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
2.5°	57.3	57.3	57.3	55.5	55.5	54.8	54.2	54.2	53.0	52.4	51.1
5°	86.9	85.0	80.7	78.3	73.3	70.2	67.2	62.9	58.5	55.5	51.8
7.5°	196.6	200.9	186.7	160.2	133.1	121.4	101.7	82.0	67.8	58.5	52.4
10°	501.0	498.5	450.4	397.5	306.9	270.5	212.0	133.7	87.5	64.1	53.0
12.5°	852.2	849.8	793.1	721.0	601.4	525.6	414.7	249.6	125.7	72.7	53.0
15°	1147.4	1137.5	1119.7	1048.2	908.3	844.8	698.2	441.2	203.3	87.5	54.2
17.5°	1342.7	1334.1	1317.5	1291.6	1202.8	1127.7	1010.0	693.2	329.1	113.4	56.7
20°	1522.0	1515.9	1502.3	1497.4	1440.1	1400.0	1302.7	982.9	512.7	154.1	60.4
22.5°	1768.5	1755.6	1761.1	1731.5	1675.5	1627.4	1567.6	1286.0	737.0	221.8	67.2
25°	2070.5	2064.3	2048.9	2027.9	1950.3	1908.4	1816.6	1572.0	987.8	310.6	74.6
27.5°	2435.3	2428.5	2424.8	2376.7	2287.4	2241.8	2113.6	1841.9	1270.0	435.0	84.4
30°	2855.5	2858.6	2834.6	2772.9	2668.8	2604.7	2472.9	2124.7	1559.0	581.1	94.9
32.5°	3290.6	3284.4	3247.4	3174.7	3081.7	3021.9	2854.3	2434.6	1862.2	774.0	107.2
35°	3759.5	3747.8	3650.4	3567.2	3487.7	3412.6	3259.8	2794.5	2165.4	990.2	123.9
37.5°	4232.7	4177.9	3982.6	3877.2	3822.4	3760.7	3618.4	3178.4	2466.7	1231.8	144.2
40°	4590.1	4547.6	4315.9	4121.8	4078.1	4025.7	3919.7	3509.9	2787.1	1491.2	168.8
42.5°	4788.0	4764.5	4556.3	4364.6	4261.7	4215.5	4124.9	3799.6	3103.8	1777.8	204.6
45°	4872.4	4836.0	4696.8	4607.4	4443.5	4367.1	4259.2	4018.3	3434.8	2103.1	254.5
47.5°	4846.5	4825.5	4725.7	4758.4	4639.4	4520.5	4362.2	4185.9	3717.6	2476.5	322.9
50°	4683.8	4665.9	4635.1	4812.0	4797.2	4656.7	4495.3	4318.4	3948.7	2861.7	428.9
52.5°	4374.5	4367.1	4446.0	4770.1	4886.5	4776.9	4623.4	4435.5	4164.3	3264.1	580.5
55°	3975.8	4006.0	4231.5	4704.8	4932.1	4865.6	4736.8	4545.2	4337.5	3623.9	804.2
57.5°	3811.9	3819.9	4101.5	4658.5	4952.5	4943.9	4847.1	4649.9	4496.5	3911.7	1145.5
60°	4003.5	3991.2	4139.7	4693.7	4993.1	5014.1	4945.1	4747.3	4634.5	4158.8	1600.3
62.5°	4349.8	4343.0	4390.5	4843.4	5112.1	5154.6	5081.3	4817.5	4756.5	4321.5	2119.1
65°	4659.2	4645.0	4733.1	5109.0	5321.0	5351.2	5287.1	4937.7	4810.1	4439.8	2606.6
67.5°	4792.9	4789.8	4931.5	5361.6	5540.3	5573.0	5516.9	5103.5	4797.8	4477.4	2821.6
70°	4731.9	4720.2	4946.9	5468.9	5664.2	5701.2	5646.9	5165.1	4664.1	4358.5	2503.0
71°	4664.7	4633.3	4900.7	5461.5	5681.5	5712.9	5618.0	5109.0	4529.8	4189.6	2214.0
72.5°	4456.4	4462.0	4773.8	5384.4	5640.2	5630.9	5454.1	4908.1	4367.7	3806.3	1778.4
75°	3943.7	3976.4	4362.8	5060.9	5271.7	5154.0	4883.5	4524.2	4042.3	2729.2	1234.9
77.5°	3222.8	3271.5	3696.0	4438.6	4378.8	4367.1	4356.0	3986.3	3452.0	1466.0	859.0
80°	1538.7	1644.0	2229.4	3168.6	3442.1	3574.6	3491.4	3212.3	2669.4	698.2	513.3
82.5°	100.4	99.2	140.5	266.2	1122.1	1450.6	2304.6	2296.0	1861.0	340.1	209.5
85°	47.4	48.7	53.6	61.0	70.9	77.6	107.2	628.5	890.4	162.1	45.6
87.5°	27.7	28.3	33.3	42.5	55.5	61.6	73.3	94.3	115.8	89.4	9.9
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: GALN-SA2C-950-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
2.5°	50.5	49.9	48.1	46.2	44.4	43.1	42.5	43.1	43.1	43.8	43.8
5°	50.5	48.7	45.6	41.9	39.4	37.0	35.7	35.1	35.7	35.7	35.7
7.5°	49.9	46.8	42.5	38.2	35.1	32.0	30.8	30.2	30.2	30.8	30.8
10°	48.7	45.6	40.1	35.1	31.4	27.7	25.9	24.0	24.0	24.0	24.6
12.5°	48.1	43.8	37.0	32.0	27.1	22.8	19.1	17.3	17.9	17.9	17.9
15°	46.8	41.9	35.1	29.0	22.8	17.3	14.2	12.3	12.9	13.6	12.9
17.5°	46.8	41.3	32.7	25.3	17.9	12.9	10.5	9.2	9.2	9.9	9.9
20°	46.8	40.1	30.8	21.6	13.6	9.9	7.4	6.8	6.8	8.0	8.6
22.5°	48.1	40.1	28.3	17.9	11.1	7.4	5.5	4.9	5.5	6.8	7.4
25°	49.9	39.4	25.9	16.0	9.2	5.5	4.3	3.1	3.7	4.9	5.5
27.5°	51.8	38.8	23.4	14.2	7.4	4.3	3.1	2.5	1.8	2.5	2.5
30°	53.6	38.8	21.0	11.7	6.2	3.1	1.8	1.2	0.6	0.0	0.0
32.5°	54.8	37.6	19.1	9.2	4.9	2.5	1.2	0.6	0.0	0.0	0.0
35°	56.1	36.4	16.6	7.4	3.7	1.8	0.6	0.0	0.0	0.0	0.0
37.5°	57.3	34.5	14.2	6.2	3.1	1.2	0.0	0.0	0.0	0.0	0.0
40°	58.5	32.0	11.7	5.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	59.8	30.2	9.9	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	62.9	29.0	8.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	68.4	27.7	7.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	76.4	26.5	6.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	87.5	25.9	6.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	107.2	25.3	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	141.1	24.6	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	216.3	23.4	5.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	386.4	22.8	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	673.5	23.4	4.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	965.6	24.6	4.3	1.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	826.3	21.6	4.3	2.5	1.2	0.6	0.0	0.0	0.0	0.0	0.0
71°	673.5	19.1	4.3	2.5	1.2	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	433.2	14.8	3.7	2.5	1.2	1.2	0.6	0.0	0.0	0.0	0.0
75°	183.0	12.3	3.7	2.5	1.8	1.2	1.2	0.6	0.0	0.0	0.0
77.5°	78.3	9.2	3.7	3.1	2.5	1.8	1.8	1.2	0.6	0.0	0.0
80°	29.6	7.4	4.3	3.7	3.1	3.1	2.5	1.2	0.6	0.0	0.0
82.5°	13.6	6.2	4.3	3.7	3.7	3.1	2.5	1.8	1.2	0.0	0.0
85°	8.6	5.5	4.3	3.7	3.7	3.1	3.1	1.8	1.2	0.0	0.0
87.5°	6.8	5.5	4.3	4.3	3.7	3.7	2.5	1.8	0.6	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

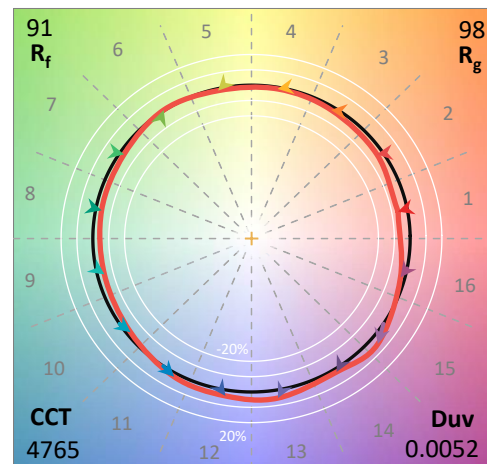
Test Information

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

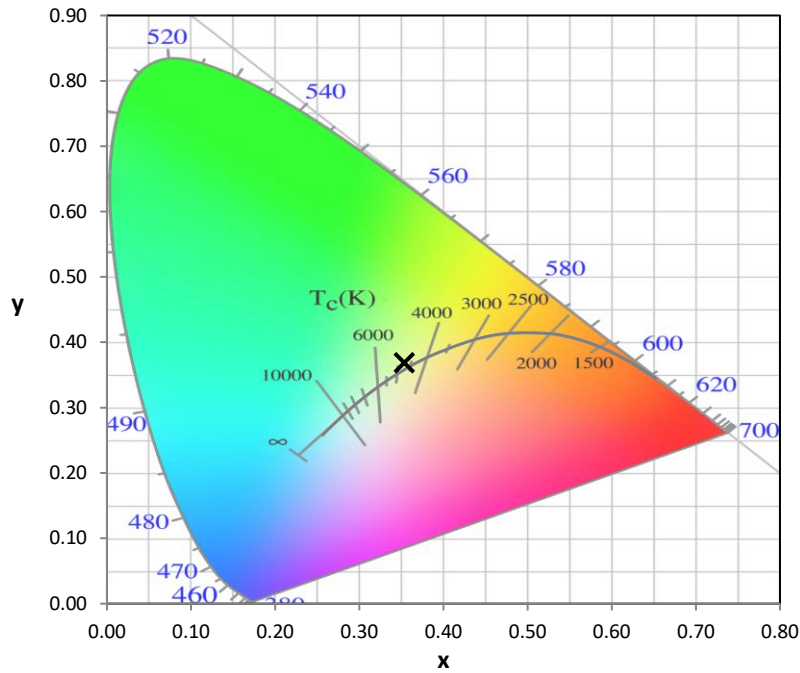
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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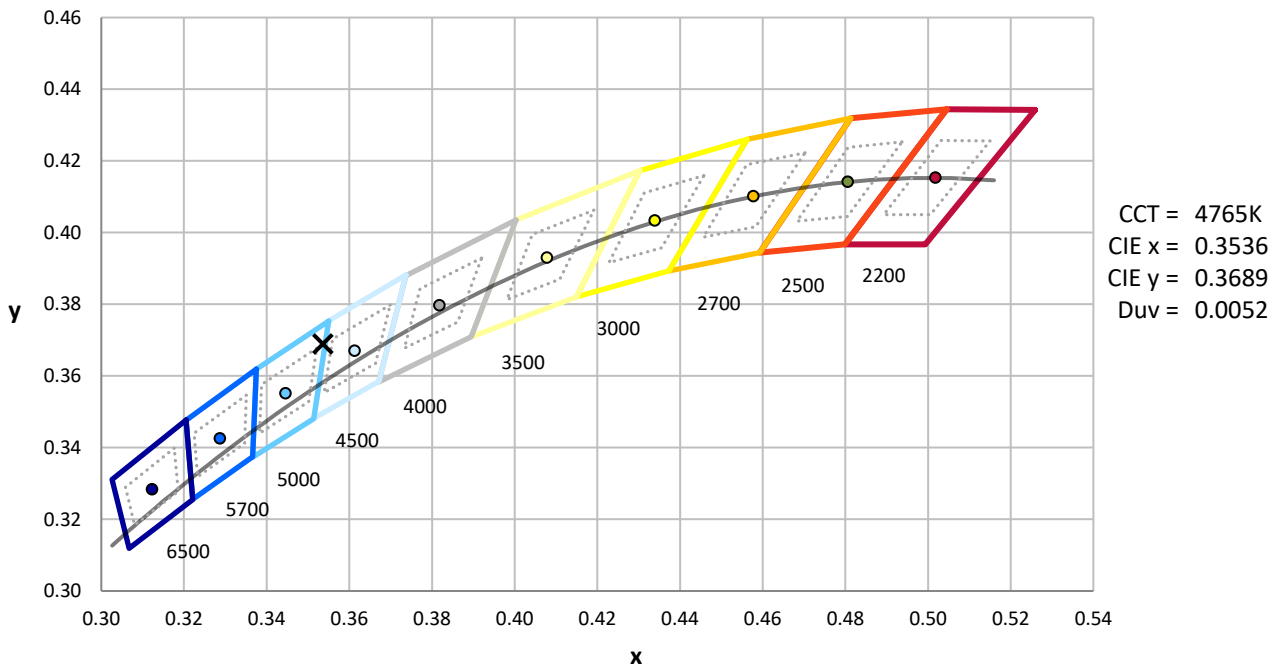
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



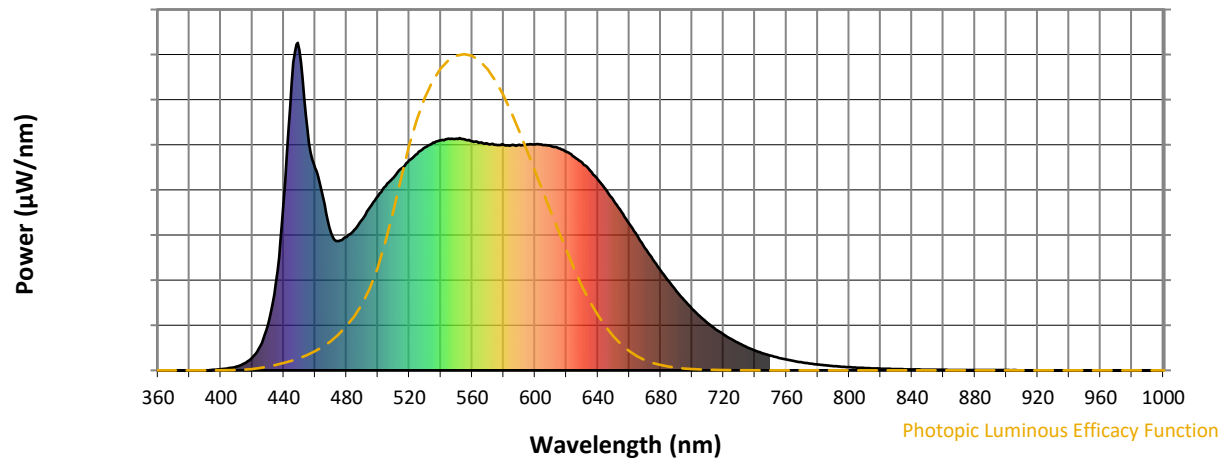
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

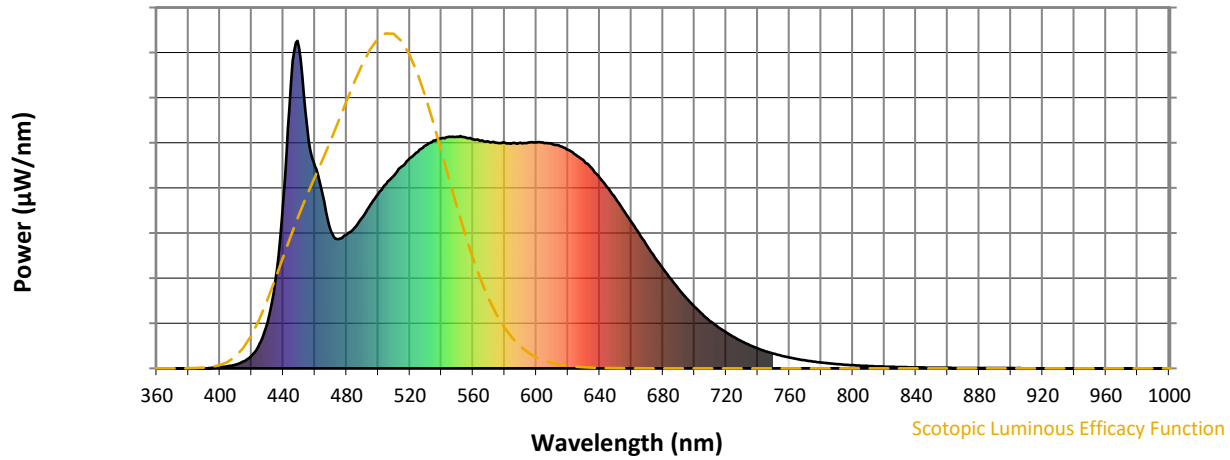


Photopic Lumens: NR

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



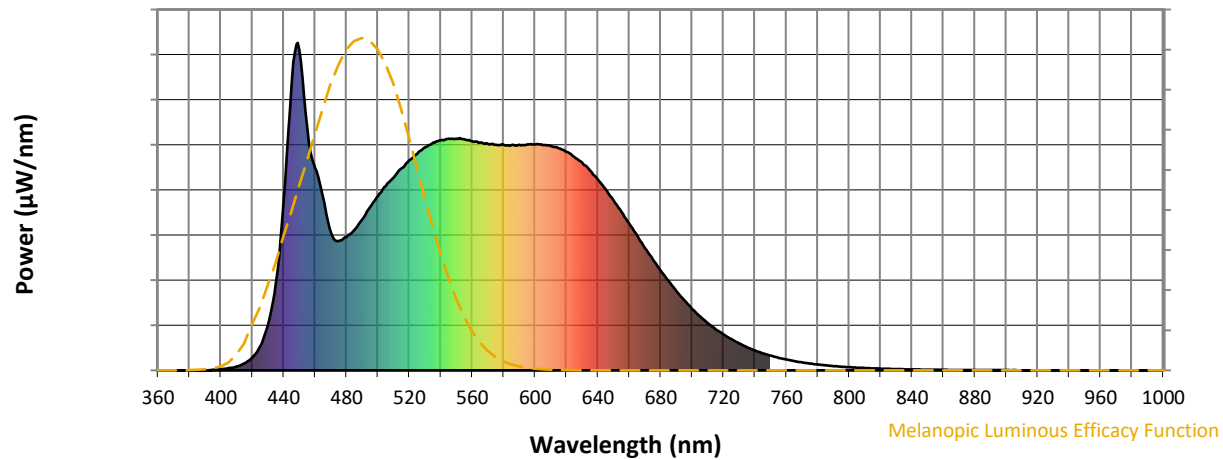
Scotopic Lumens: NR

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

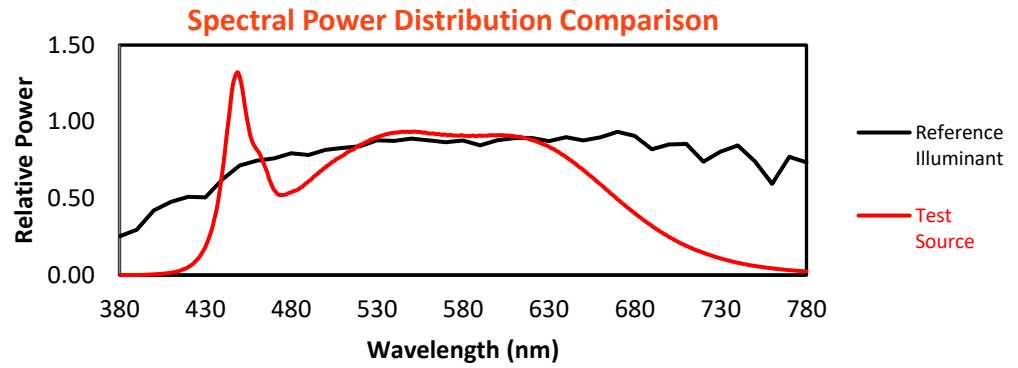
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	462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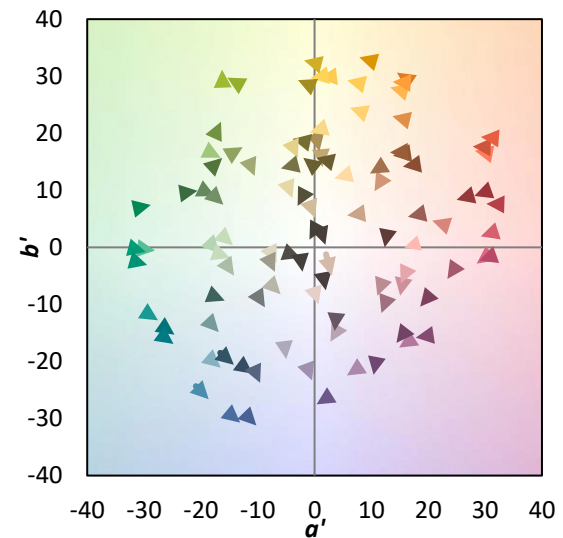
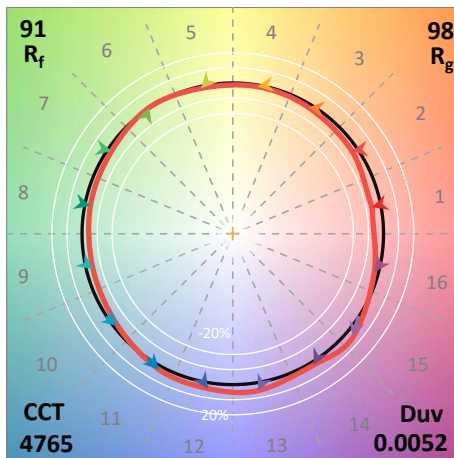
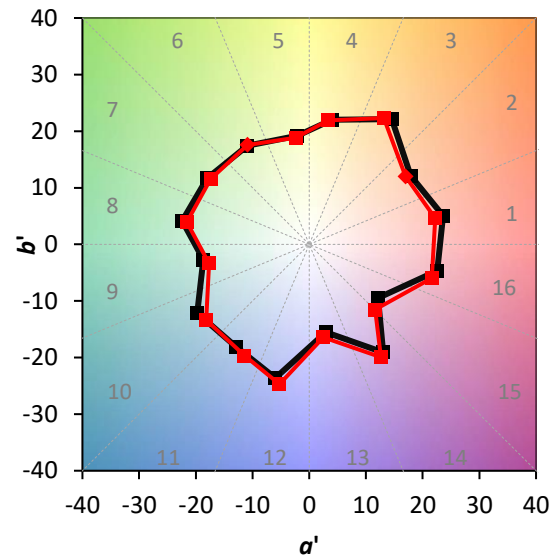
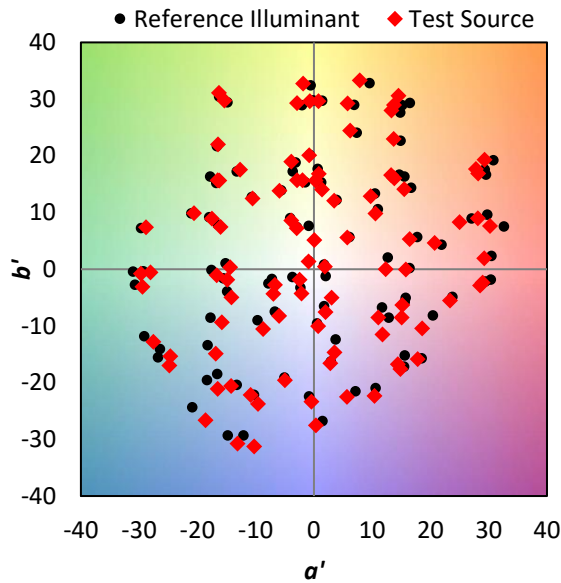
TM-30-18

Summary

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

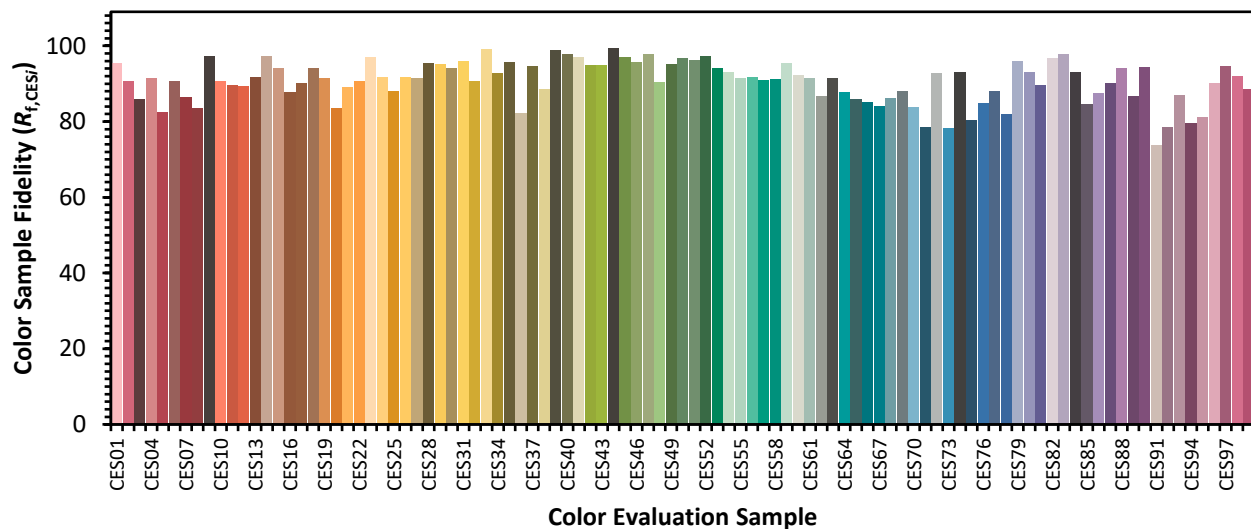


Color Vector Graphics

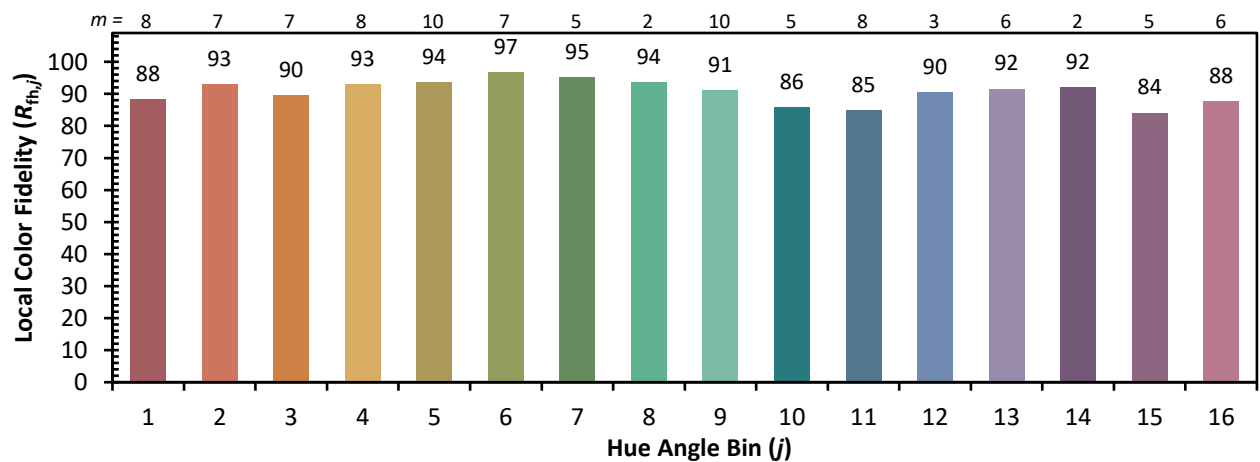
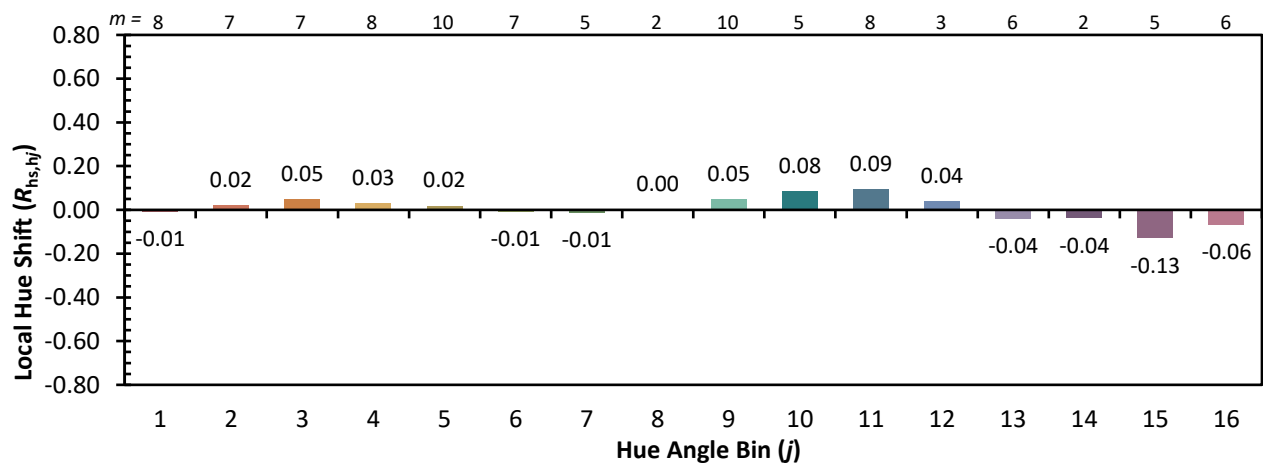
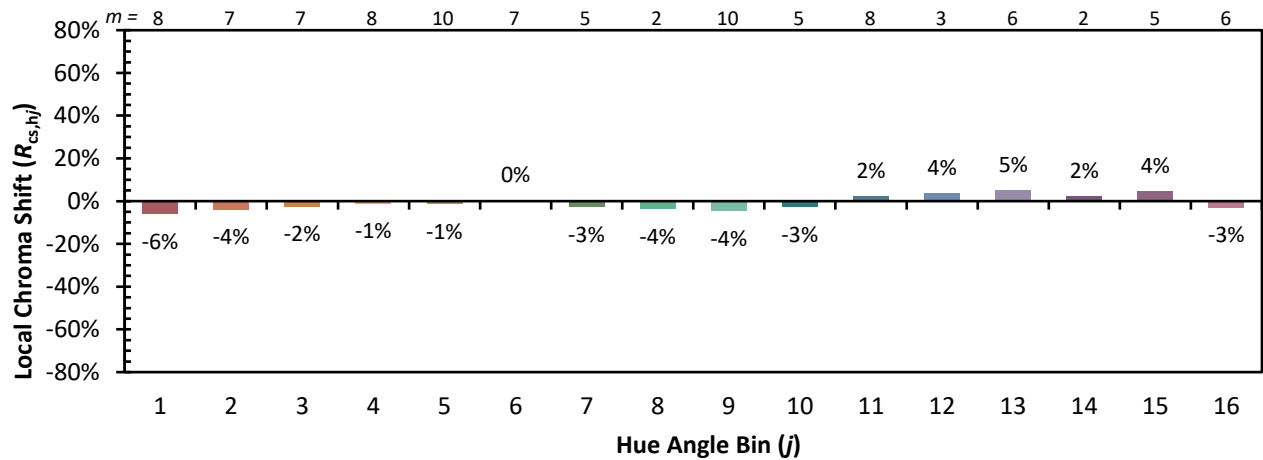


Individual Sample Fidelity Index ($R_{f,i}$)

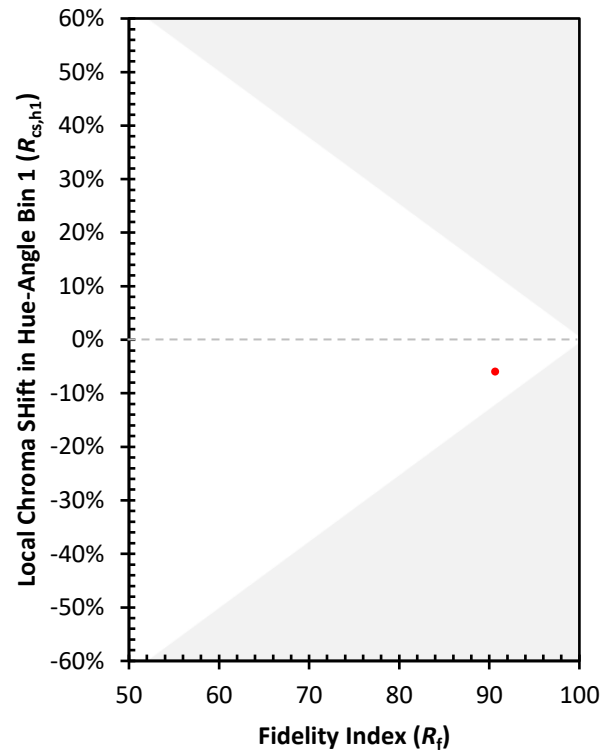
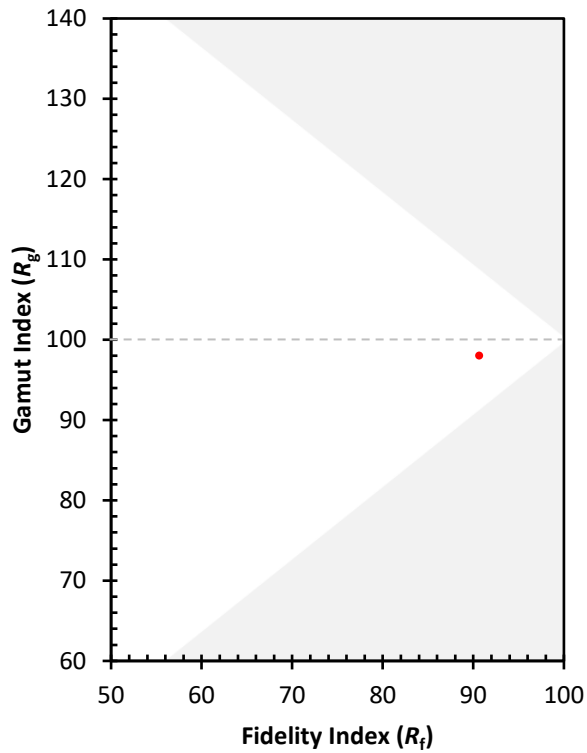
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82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