

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: P1064318

Luminaire Tested: **GLAN-SA4B-927-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064318
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4B-927-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11418.6 lumens
Efficiency: N/A
Efficacy: 79.2 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): 144.1
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

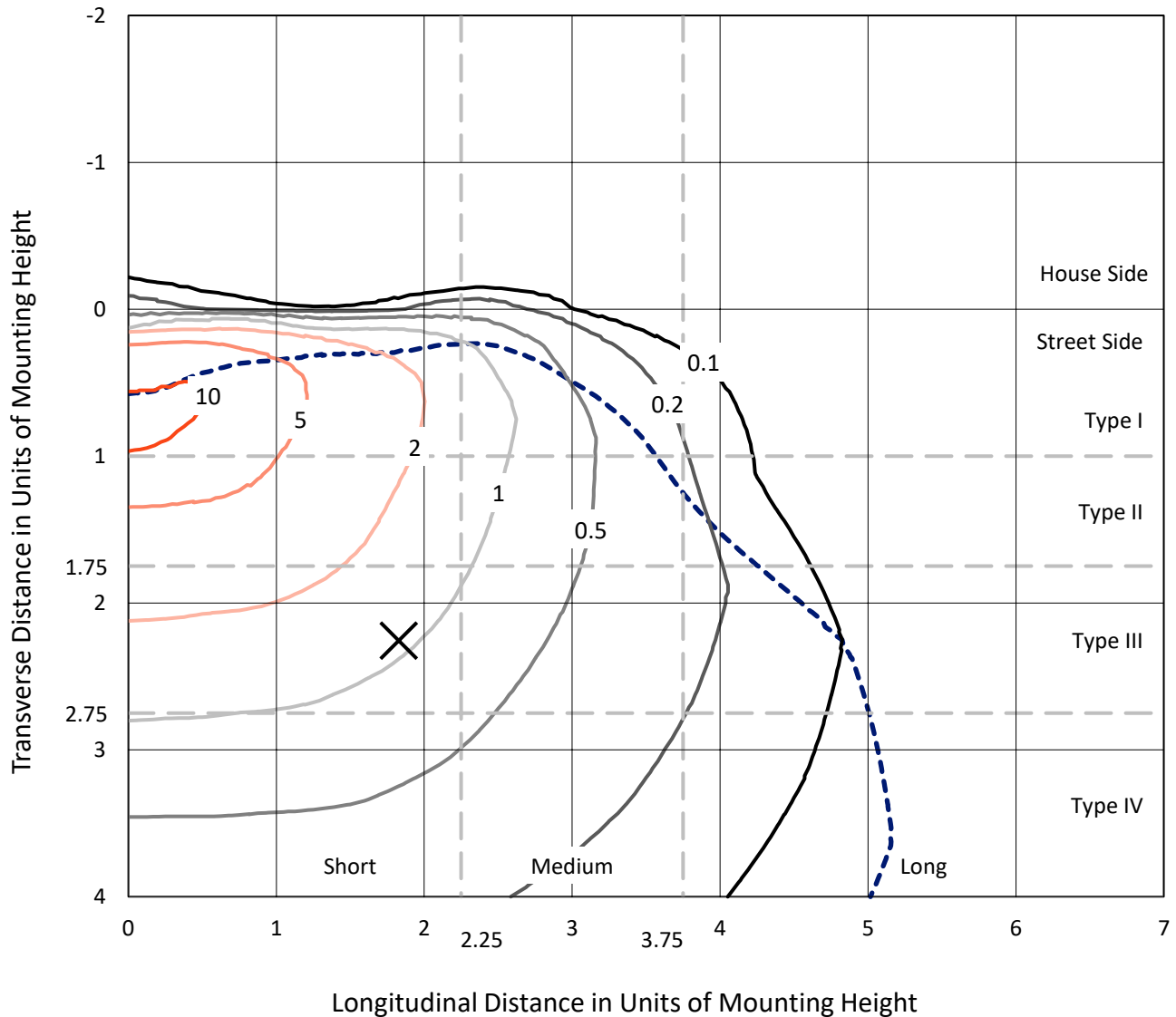


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

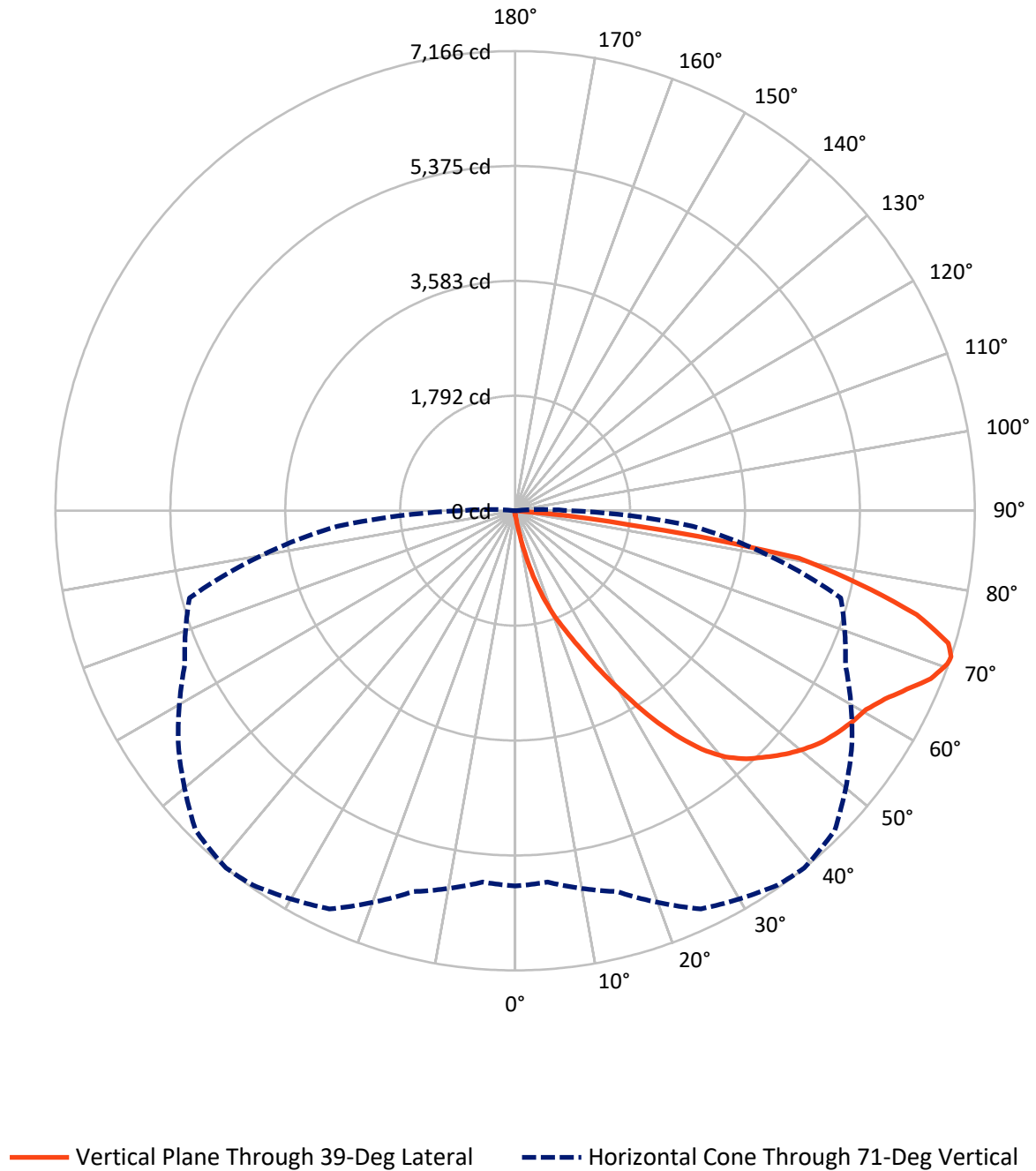


Based on 15 foot mounting height. Maximum calculated value = 11.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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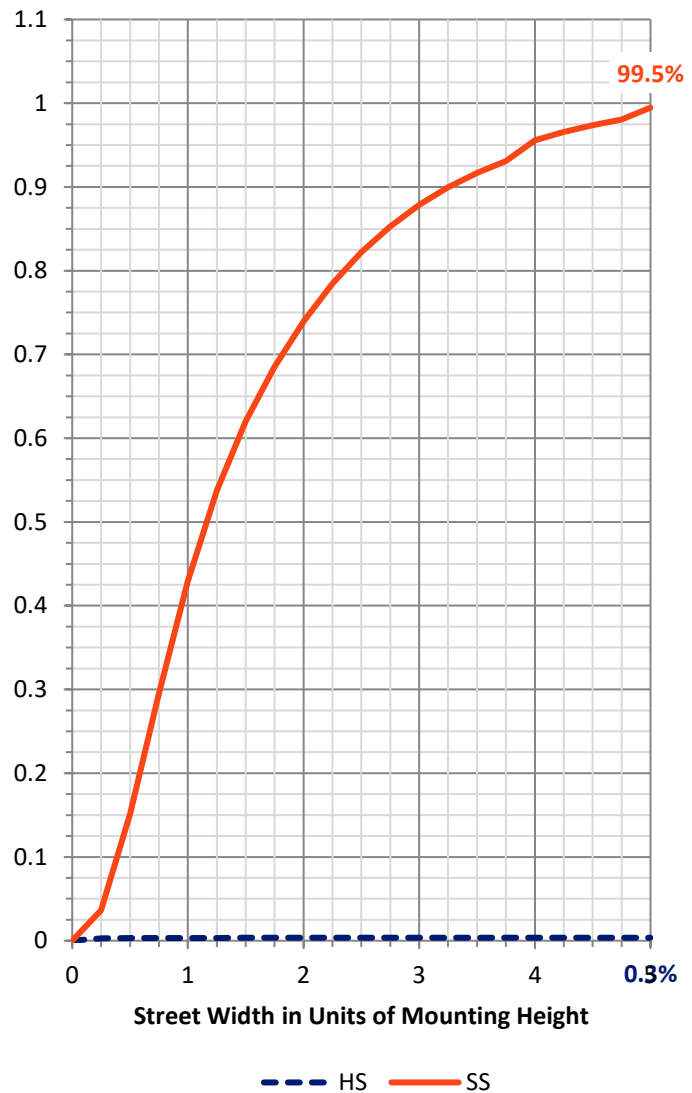
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.6	0.0	40.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11378.1	0.0	11378.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	11418.6	0.0	11418.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	122.0	1.1
20°-30°	434.6	3.8
30°-40°	1047.5	9.2
40°-50°	1753.0	15.4
50°-60°	2251.6	19.7
60°-70°	2849.4	25.0
70°-80°	2540.3	22.2
80°-90°	410.6	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°	11418.6	100.0
0°-180°	11418.6	100.0

Coefficient of Utilization



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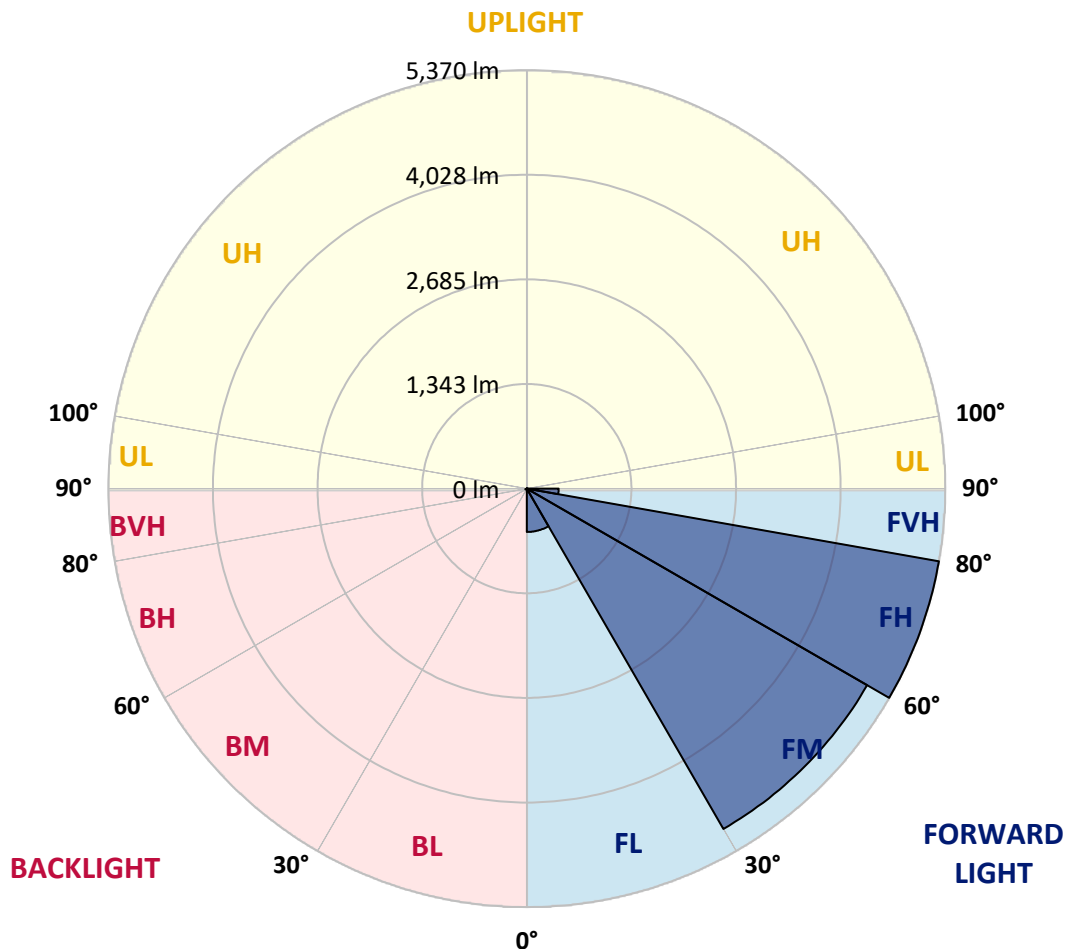
CATALOG NUMBER: GLAN-SA4B-927-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	556.4	4.9			
FM	(30°-60°)	5042.7	44.2			
FH	(60°-80°)	5370.2	47.0			G3/7500
FVH	(80°-90°)	408.8	3.6			G3/500
BL	(0°-30°)	9.8	0.1	B0/110		
BM	(30°-60°)	9.4	0.1	B0/220		
BH	(60°-80°)	19.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
2.5°	71.9	71.9	71.9	69.6	69.6	68.8	68.0	68.0	66.5	65.7	64.2
5°	109.0	106.7	101.3	98.2	92.0	88.1	84.3	78.8	73.4	69.6	64.9
7.5°	246.6	252.0	234.2	201.0	167.0	152.3	127.5	102.8	85.0	73.4	65.7
10°	628.4	625.3	565.0	498.6	384.9	339.3	265.9	167.7	109.8	80.4	66.5
12.5°	1069.0	1065.9	994.8	904.4	754.4	659.4	520.2	313.1	157.7	91.2	66.5
15°	1439.3	1426.9	1404.5	1314.8	1139.4	1059.8	875.8	553.5	255.1	109.8	68.0
17.5°	1684.3	1673.5	1652.6	1620.2	1508.9	1414.6	1266.9	869.6	412.8	142.2	71.1
20°	1909.3	1901.5	1884.5	1878.3	1806.5	1756.2	1634.1	1232.9	643.1	193.2	75.8
22.5°	2218.5	2202.2	2209.2	2172.1	2101.7	2041.4	1966.5	1613.2	924.5	278.3	84.3
25°	2597.2	2589.5	2570.2	2543.9	2446.5	2393.9	2278.7	1971.9	1239.1	389.6	93.5
27.5°	3054.8	3046.3	3041.7	2981.4	2869.3	2812.1	2651.3	2310.4	1593.1	545.7	105.9
30°	3582.0	3585.9	3555.7	3478.4	3347.8	3267.4	3102.0	2665.2	1955.6	728.9	119.0
32.5°	4127.7	4120.0	4073.6	3982.4	3865.7	3790.7	3580.4	3054.0	2335.9	970.9	134.5
35°	4716.0	4701.3	4579.1	4474.8	4375.1	4280.8	4089.1	3505.5	2716.3	1242.2	155.4
37.5°	5309.6	5240.8	4995.8	4863.6	4794.8	4717.5	4538.9	3987.0	3094.2	1545.2	180.9
40°	5757.9	5704.6	5414.0	5170.5	5115.6	5049.9	4916.9	4402.9	3496.2	1870.6	211.8
42.5°	6006.1	5976.7	5715.4	5475.0	5345.9	5288.0	5174.3	4766.2	3893.5	2230.0	256.6
45°	6112.0	6066.4	5891.7	5779.6	5574.0	5478.1	5342.8	5040.6	4308.6	2638.2	319.2
47.5°	6079.5	6053.2	5928.0	5969.0	5819.8	5670.6	5471.9	5250.9	4663.4	3106.6	405.0
50°	5875.4	5853.0	5814.4	6036.2	6017.7	5841.4	5638.9	5417.0	4953.3	3589.7	538.0
52.5°	5487.4	5478.1	5577.1	5983.6	6129.7	5992.1	5799.7	5563.9	5223.8	4094.5	728.1
55°	4987.3	5025.1	5308.1	5901.7	6186.9	6103.5	5941.9	5701.5	5441.0	4545.9	1008.7
57.5°	4781.7	4791.7	5145.0	5843.7	6212.4	6201.6	6080.3	5832.9	5640.4	4906.9	1437.0
60°	5022.1	5006.6	5192.9	5887.8	6263.5	6289.7	6203.2	5955.0	5813.6	5216.8	2007.4
62.5°	5456.5	5448.0	5507.5	6075.6	6412.6	6466.0	6374.0	6043.2	5966.6	5420.9	2658.3
65°	5844.5	5826.7	5937.3	6408.8	6674.7	6712.6	6632.2	6193.9	6033.9	5569.3	3269.7
67.5°	6012.2	6008.4	6186.2	6725.7	6949.9	6990.8	6920.5	6401.8	6018.4	5616.5	3539.5
70°	5935.7	5921.0	6205.5	6860.2	7105.2	7151.6	7083.6	6479.1	5850.7	5467.3	3139.8
71°	5851.5	5812.0	6147.5	6850.9	7126.9	7166.3	7047.3	6408.8	5682.2	5255.5	2777.3
72.5°	5590.2	5597.2	5988.3	6754.3	7075.1	7063.5	6841.7	6156.8	5478.9	4774.7	2230.8
75°	4947.1	4988.0	5472.7	6348.5	6612.8	6465.2	6125.9	5675.2	5070.8	3423.5	1549.1
77.5°	4042.7	4103.8	4636.3	5567.8	5492.8	5478.1	5464.2	5000.4	4330.2	1838.9	1077.5
80°	1930.1	2062.3	2796.6	3974.7	4317.9	4484.1	4379.7	4029.5	3348.6	875.8	643.9
82.5°	126.0	124.4	176.2	333.9	1407.6	1819.6	2890.9	2880.1	2334.4	426.7	262.8
85°	59.5	61.1	67.2	76.5	88.9	97.4	134.5	788.4	1117.0	203.3	57.2
87.5°	34.8	35.6	41.7	53.3	69.6	77.3	92.0	118.3	145.3	112.1	12.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
2.5°	63.4	62.6	60.3	58.0	55.7	54.1	53.3	54.1	54.1	54.9	54.9
5°	63.4	61.1	57.2	52.6	49.5	46.4	44.8	44.1	44.8	44.8	44.8
7.5°	62.6	58.7	53.3	47.9	44.1	40.2	38.6	37.9	37.9	38.6	38.6
10°	61.1	57.2	50.2	44.1	39.4	34.8	32.5	30.1	30.1	30.1	30.9
12.5°	60.3	54.9	46.4	40.2	34.0	28.6	24.0	21.6	22.4	22.4	22.4
15°	58.7	52.6	44.1	36.3	28.6	21.6	17.8	15.5	16.2	17.0	16.2
17.5°	58.7	51.8	41.0	31.7	22.4	16.2	13.1	11.6	11.6	12.4	12.4
20°	58.7	50.2	38.6	27.1	17.0	12.4	9.3	8.5	8.5	10.0	10.8
22.5°	60.3	50.2	35.6	22.4	13.9	9.3	7.0	6.2	7.0	8.5	9.3
25°	62.6	49.5	32.5	20.1	11.6	7.0	5.4	3.9	4.6	6.2	7.0
27.5°	64.9	48.7	29.4	17.8	9.3	5.4	3.9	3.1	2.3	3.1	3.1
30°	67.2	48.7	26.3	14.7	7.7	3.9	2.3	1.5	0.8	0.0	0.0
32.5°	68.8	47.2	24.0	11.6	6.2	3.1	1.5	0.8	0.0	0.0	0.0
35°	70.3	45.6	20.9	9.3	4.6	2.3	0.8	0.0	0.0	0.0	0.0
37.5°	71.9	43.3	17.8	7.7	3.9	1.5	0.0	0.0	0.0	0.0	0.0
40°	73.4	40.2	14.7	7.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	75.0	37.9	12.4	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.8	36.3	10.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	85.8	34.8	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	95.8	33.2	8.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	109.8	32.5	7.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	134.5	31.7	7.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	177.0	30.9	7.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	271.3	29.4	7.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	484.7	28.6	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	844.9	29.4	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1211.3	30.9	5.4	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	1036.6	27.1	5.4	3.1	1.5	0.8	0.0	0.0	0.0	0.0	0.0
71°	844.9	24.0	5.4	3.1	1.5	0.8	0.8	0.0	0.0	0.0	0.0
72.5°	543.4	18.6	4.6	3.1	1.5	1.5	0.8	0.0	0.0	0.0	0.0
75°	229.6	15.5	4.6	3.1	2.3	1.5	1.5	0.8	0.0	0.0	0.0
77.5°	98.2	11.6	4.6	3.9	3.1	2.3	2.3	1.5	0.8	0.0	0.0
80°	37.1	9.3	5.4	4.6	3.9	3.9	3.1	1.5	0.8	0.0	0.0
82.5°	17.0	7.7	5.4	4.6	4.6	3.9	3.1	2.3	1.5	0.0	0.0
85°	10.8	7.0	5.4	4.6	4.6	3.9	3.9	2.3	1.5	0.0	0.0
87.5°	8.5	7.0	5.4	5.4	4.6	4.6	3.1	2.3	0.8	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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

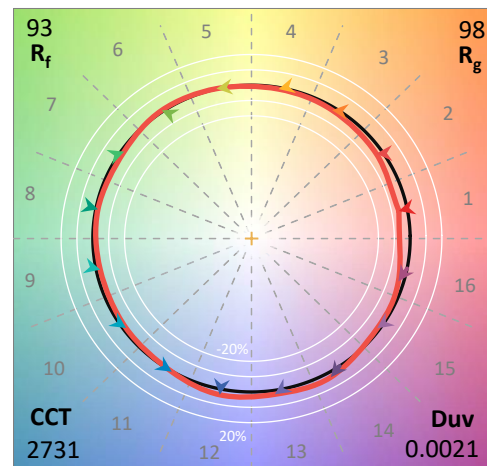
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

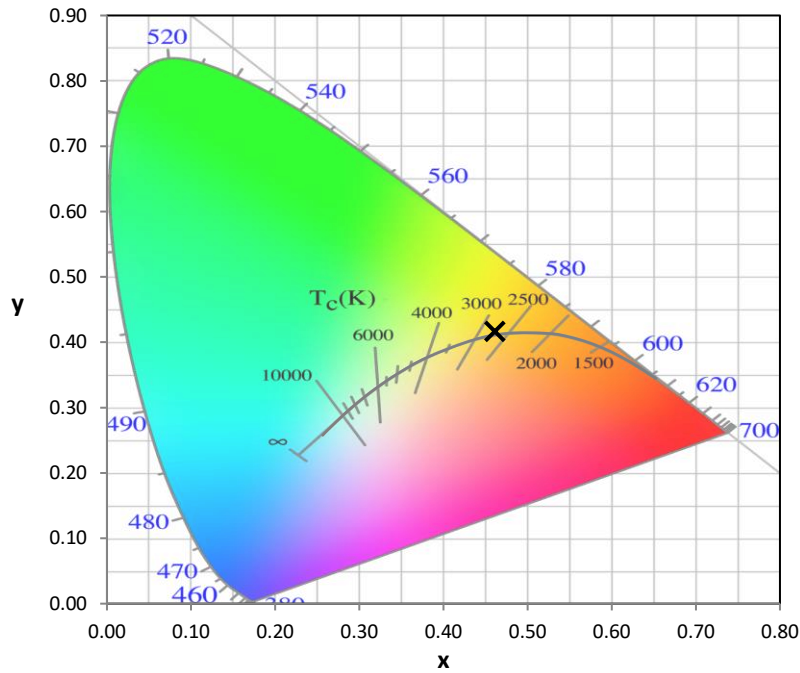
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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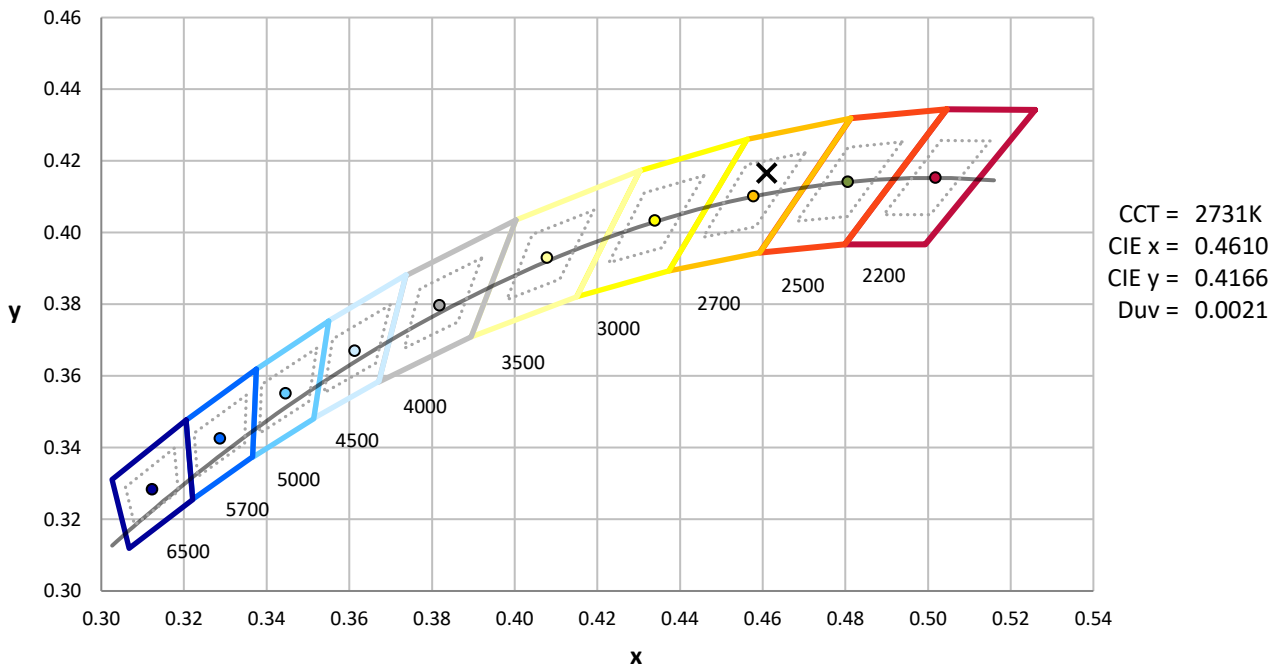
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



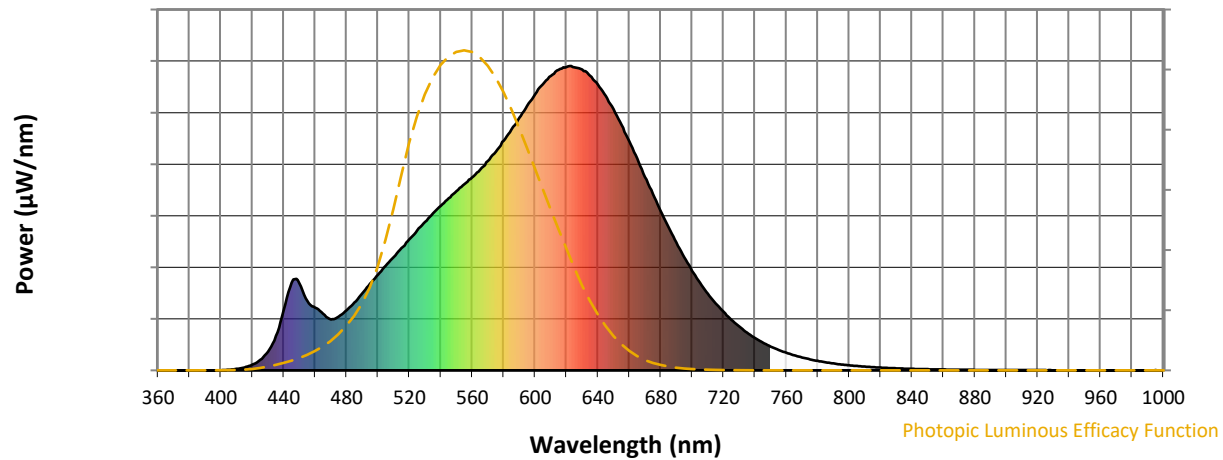
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

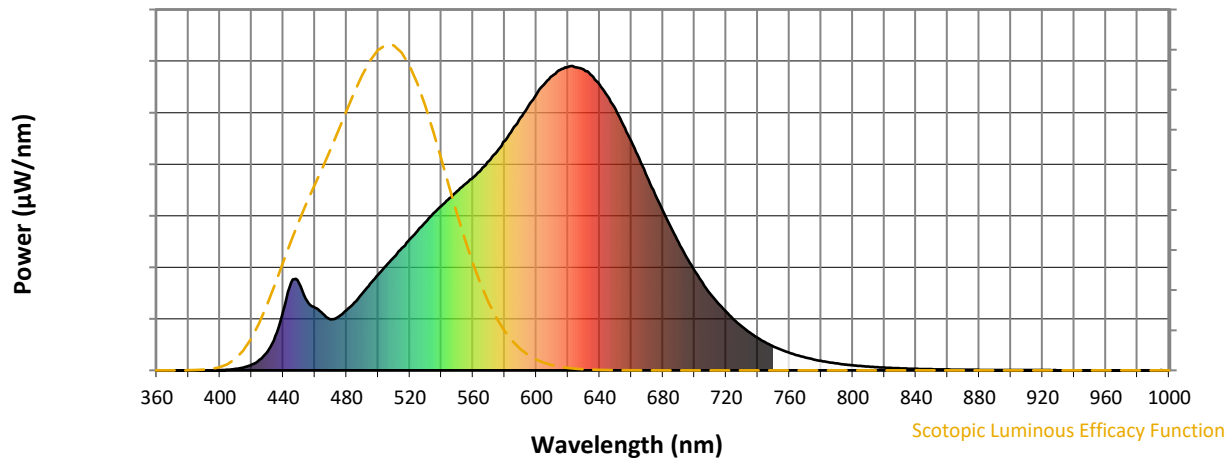


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



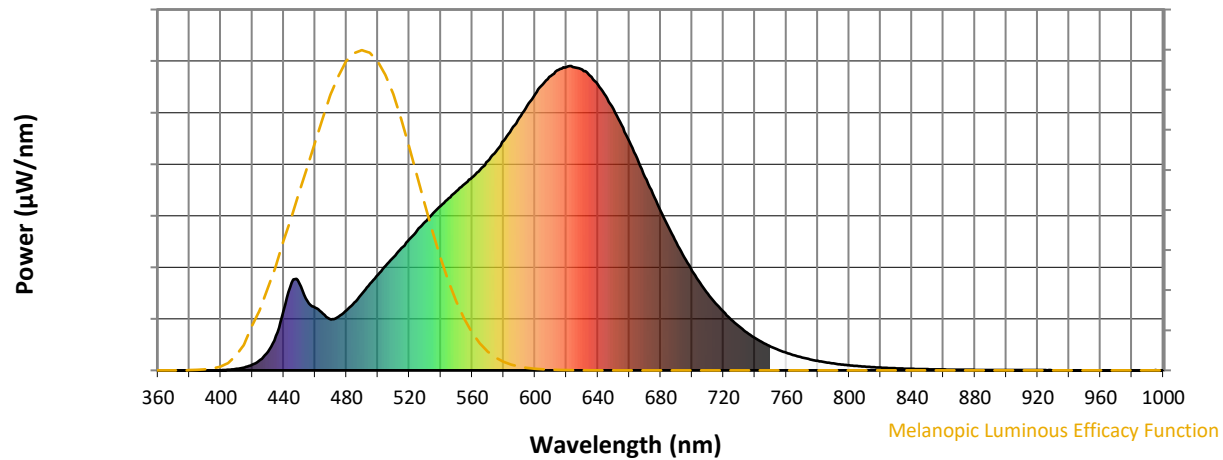
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

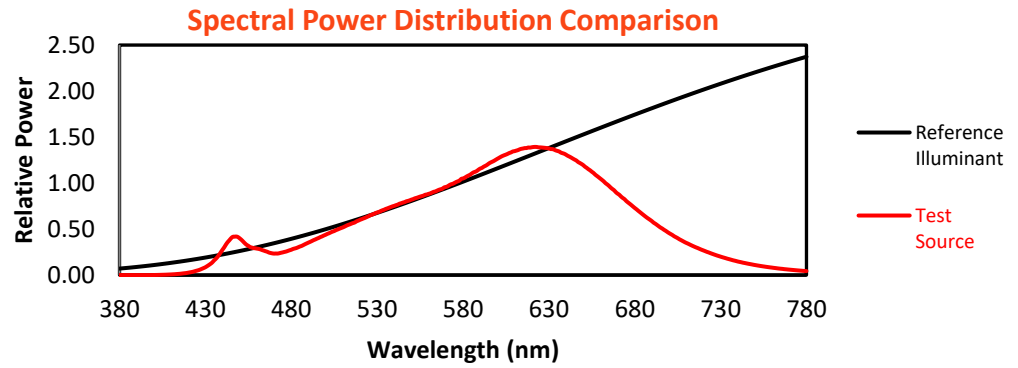
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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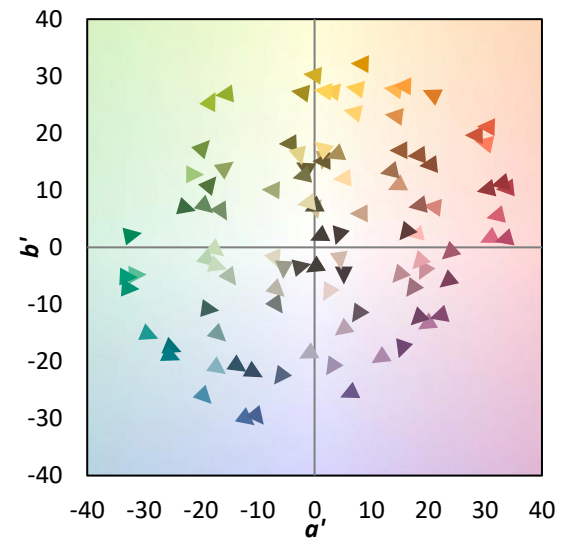
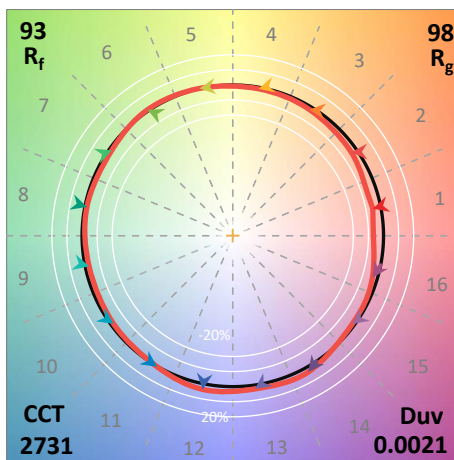
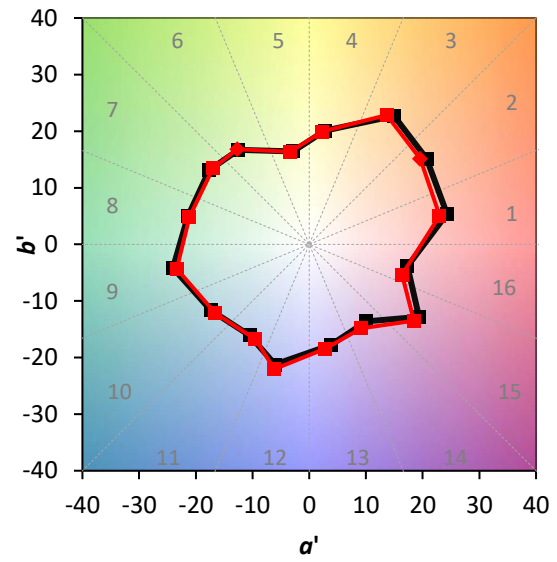
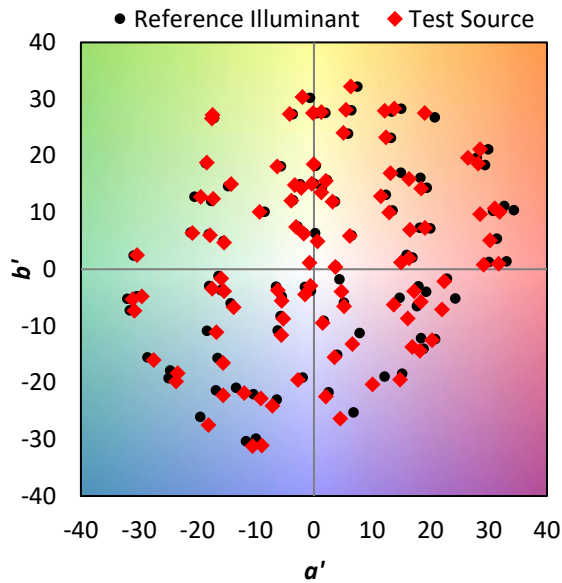
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

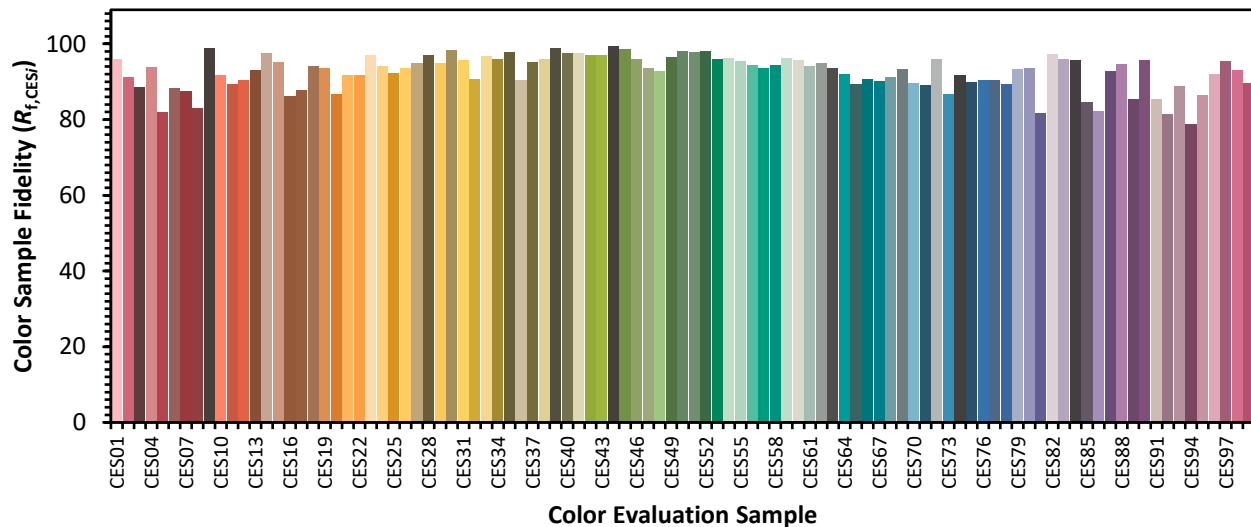


Color Vector Graphics

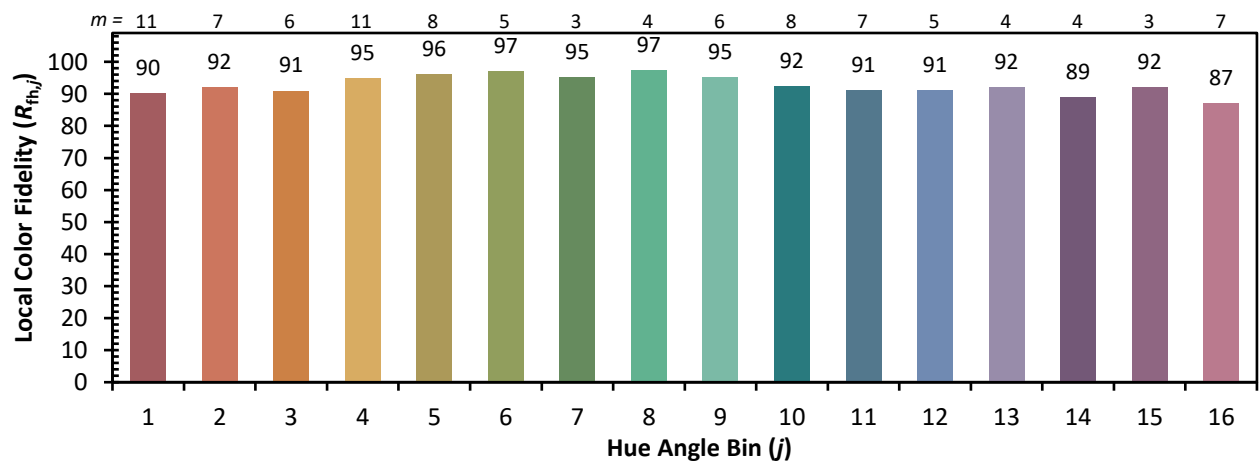
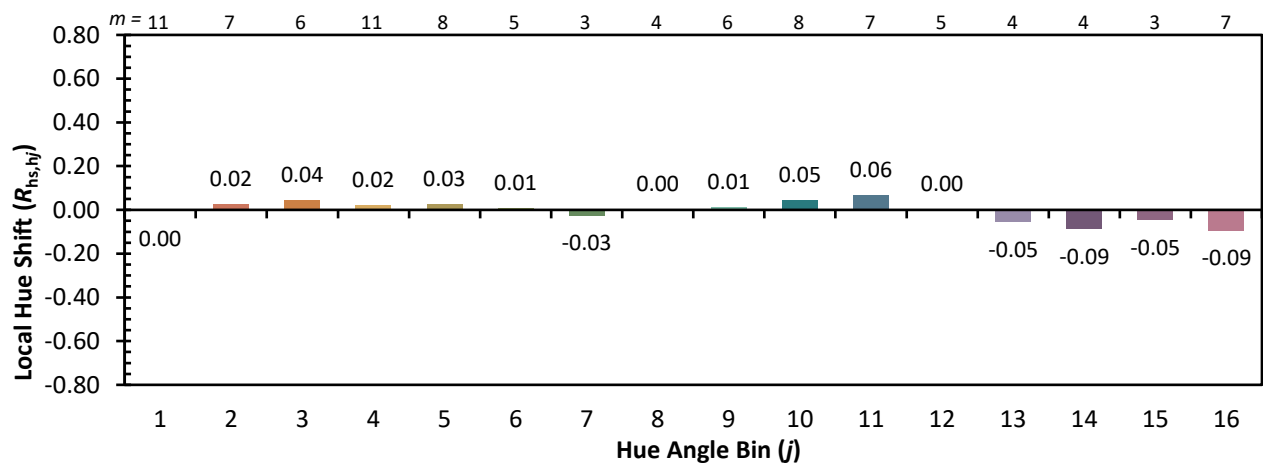
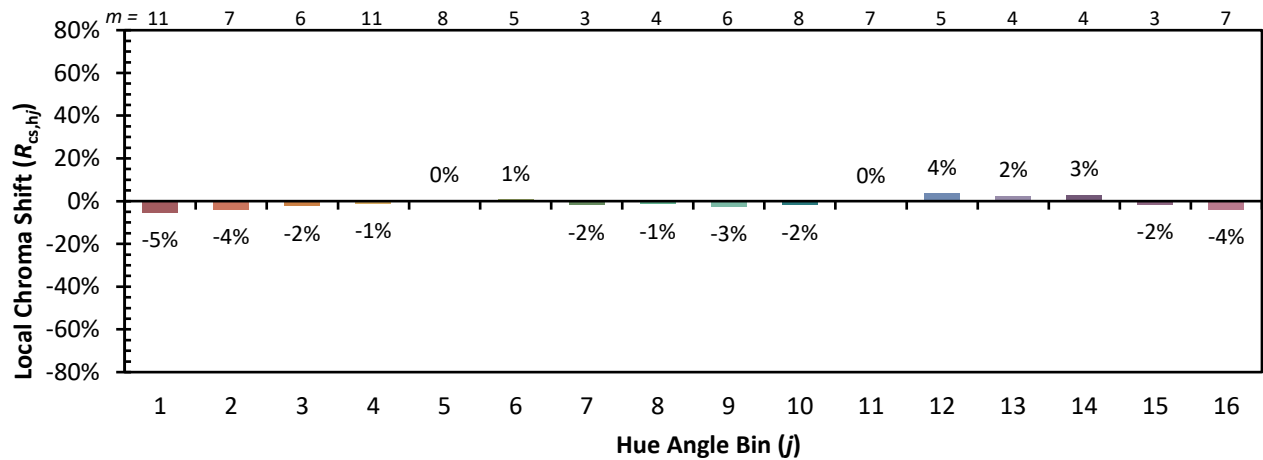


Individual Sample Fidelity Index ($R_{f,i}$)

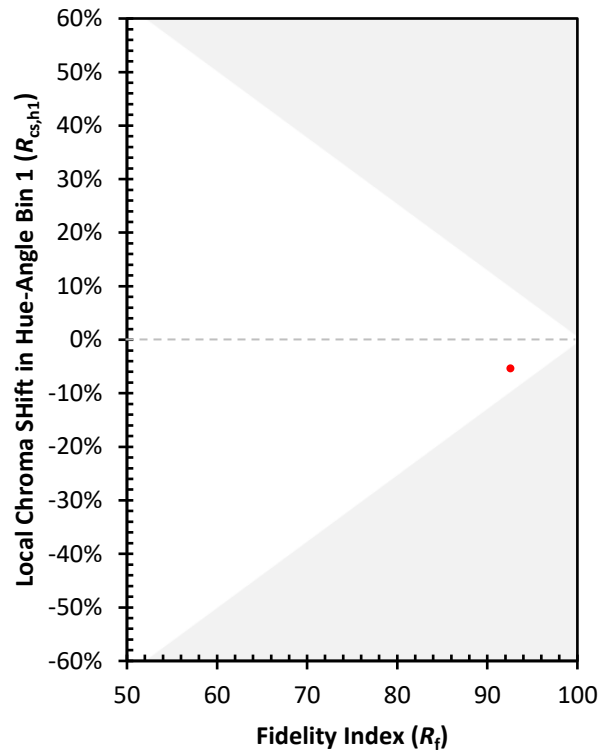
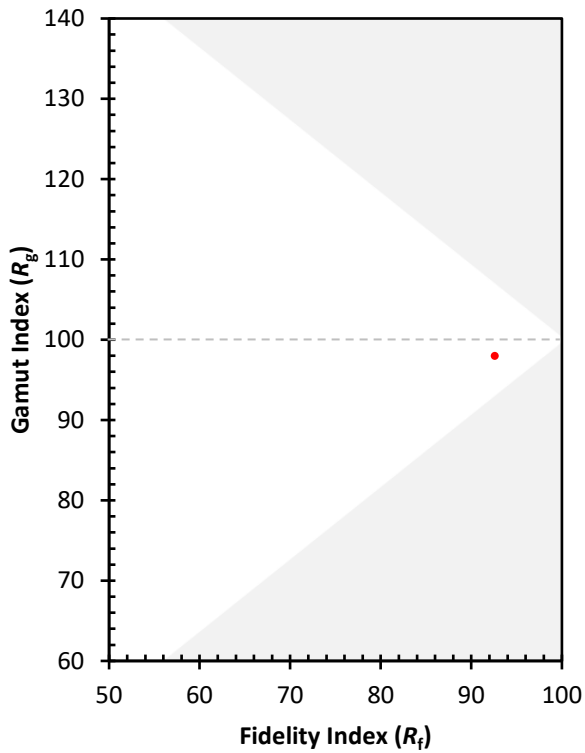
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)