

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: P1048069

Luminaire Tested: **GALN-SA4A-927-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048069
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-927-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
90CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9087 lumens
Efficiency: N/A
Efficacy: 84.6 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): 107.4
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

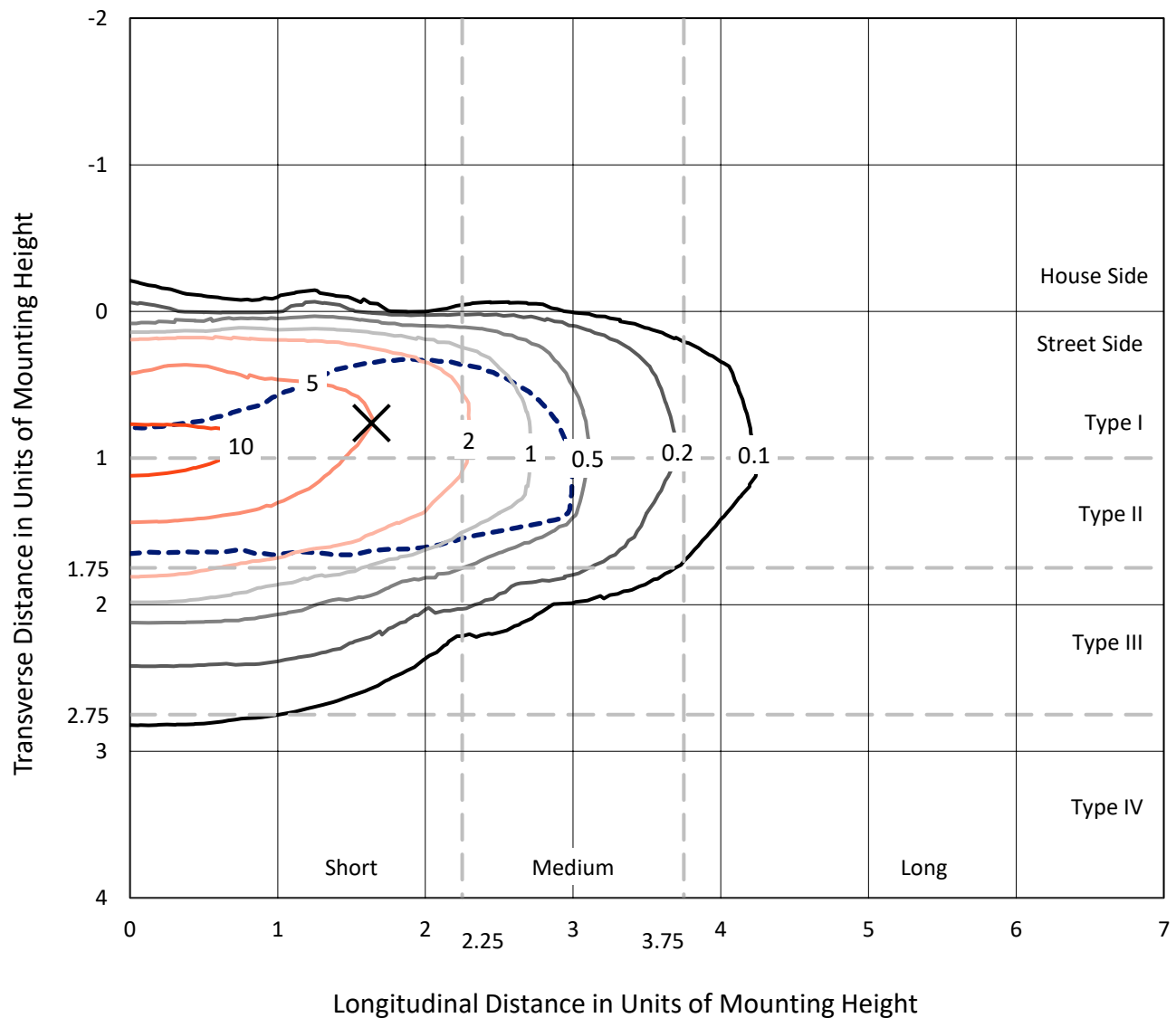


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

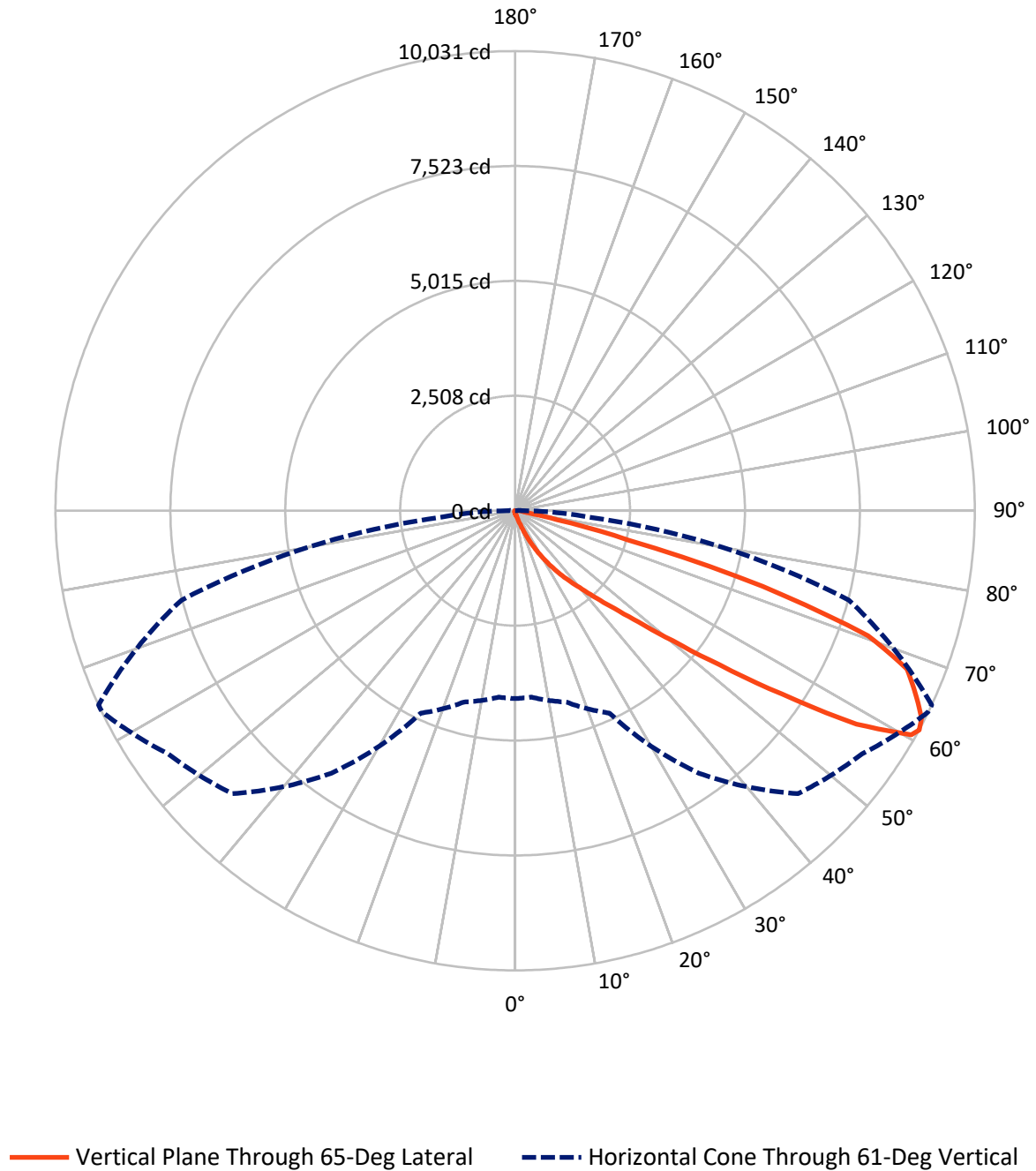


Based on 15 foot mounting height. Maximum calculated value = 12 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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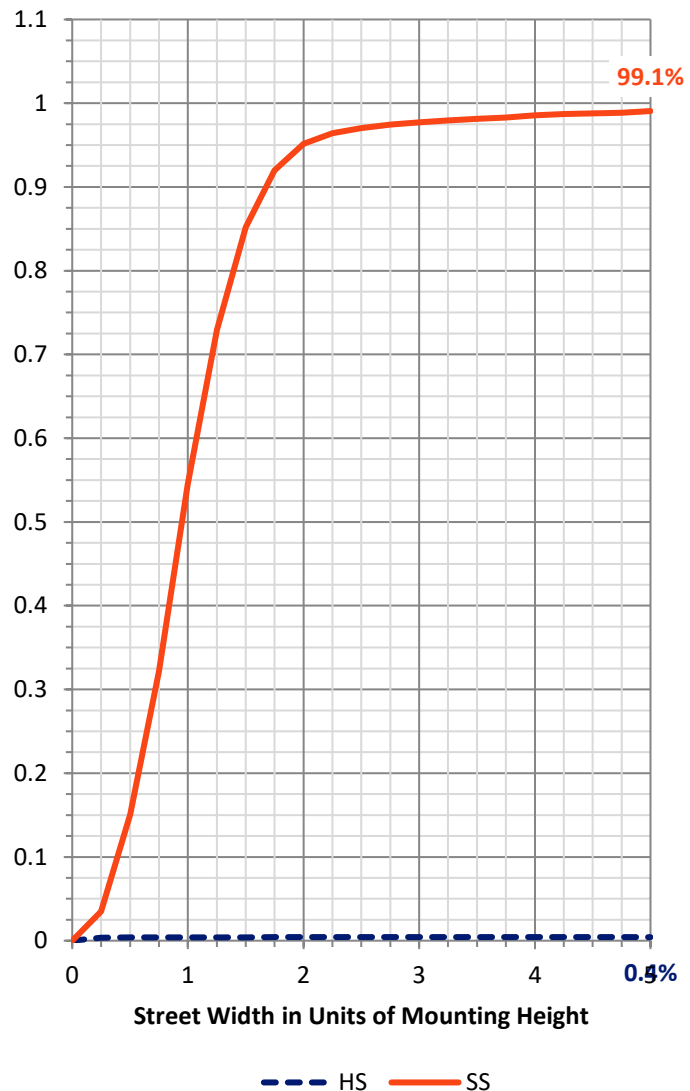
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	38.8	0.0	38.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9048.2	0.0	9048.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	9087.0	0.0	9087.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	0.1
10°-20°	74.7	0.8
20°-30°	268.2	3.0
30°-40°	714.0	7.9
40°-50°	1875.6	20.6
50°-60°	2905.7	32.0
60°-70°	2436.3	26.8
70°-80°	717.0	7.9
80°-90°	88.4	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°	9087.0	100.0
0°-180°	9087.0	100.0



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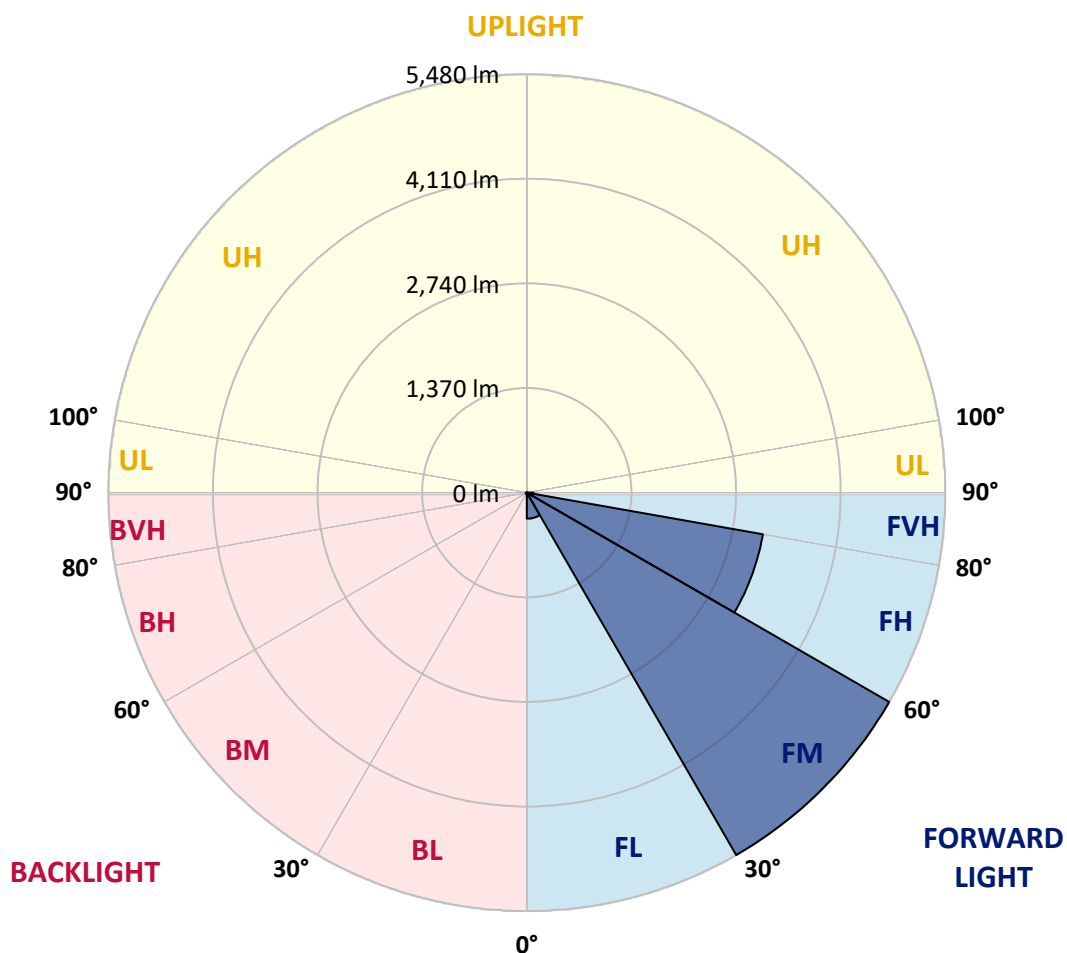
CATALOG NUMBER: GALN-SA4A-927-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	341.3	3.8			
FM	(30°-60°)	5480.5	60.3			
FH	(60°-80°)	3139.6	34.6			G2/5000
FVH	(80°-90°)	86.8	1.0			G1/100
BL	(0°-30°)	8.7	0.1	B0/110		
BM	(30°-60°)	14.8	0.2	B0/220		
BH	(60°-80°)	13.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	67.5	68.1	66.9	64.4	62.5	62.5	61.9	60.0	60.0	58.1	56.9
5°	94.4	93.1	90.6	85.6	81.3	76.9	72.5	68.1	67.5	61.9	58.1
7.5°	154.4	155.6	147.5	131.9	118.8	101.9	86.3	76.9	75.6	66.3	58.8
10°	338.8	329.4	310.7	250.0	205.7	155.0	115.0	89.4	88.1	71.3	60.0
12.5°	617.6	610.1	575.7	513.2	398.8	277.5	168.1	110.6	106.9	75.6	60.6
15°	890.1	878.2	859.5	796.4	662.6	497.6	275.0	151.3	141.3	81.9	60.0
17.5°	1063.9	1065.8	1048.9	1022.0	935.8	736.3	475.1	225.7	206.3	93.1	58.8
20°	1215.8	1211.4	1220.8	1206.4	1145.8	1000.8	691.3	357.5	324.4	111.3	59.4
22.5°	1390.8	1401.4	1408.3	1405.2	1338.3	1214.5	937.0	535.1	493.2	144.4	61.3
25°	1625.2	1624.0	1624.6	1616.5	1551.5	1413.9	1183.3	755.7	713.2	198.2	65.6
27.5°	1870.9	1878.4	1881.5	1852.1	1767.1	1632.1	1411.4	997.0	947.0	284.4	71.3
30°	2206.5	2200.3	2185.9	2125.9	2022.8	1855.3	1636.5	1250.2	1197.7	405.1	80.0
32.5°	2659.1	2652.2	2579.7	2447.2	2292.8	2087.8	1862.8	1504.0	1440.2	555.7	91.9
35°	3404.8	3415.5	3237.3	2894.1	2617.2	2367.2	2113.4	1756.5	1700.2	741.4	108.1
37.5°	4546.9	4488.7	4246.8	3640.5	3044.2	2716.0	2352.8	2011.5	1962.8	970.1	129.4
40°	5656.4	5598.9	5528.9	4954.4	3786.1	3100.4	2687.9	2310.9	2247.8	1228.3	160.6
42.5°	6822.8	6790.9	6787.8	6354.6	5140.1	3704.9	3091.0	2661.6	2607.9	1511.5	211.9
45°	7649.2	7617.3	7684.2	7759.8	6984.1	5000.1	3793.0	3117.3	3039.2	1855.3	293.8
47.5°	7760.4	7761.7	7940.4	8177.4	8354.3	7003.4	4728.1	3721.1	3626.1	2347.2	431.3
50°	7390.4	7404.8	7689.2	8113.0	8589.3	8684.3	6377.1	4597.5	4456.9	2930.4	626.3
52.5°	6685.9	6702.2	7098.5	7795.4	8373.0	9088.1	8318.6	5743.9	5582.0	3658.0	901.4
55°	6051.4	6061.4	6515.9	7396.6	8112.3	8868.7	9471.3	7274.7	7062.2	4553.1	1172.7
57.5°	5423.2	5400.1	5695.8	6704.0	8068.0	8599.3	9641.3	9019.3	8784.9	5531.4	1383.9
60°	4583.1	4544.4	4781.9	5423.2	7484.1	8776.2	9323.1	9984.5	9931.3	6893.4	1547.1
61°	4099.9	4083.7	4322.5	4872.5	6992.8	8731.2	9246.9	10025.1	10030.7	7537.9	1620.2
62.5°	2927.9	2974.2	3339.2	4054.3	5857.0	8439.3	9256.9	9899.5	9955.1	8394.3	1809.6
65°	1301.4	1375.8	1659.6	2241.6	3406.1	7020.3	9168.1	9623.8	9596.3	8629.3	2462.2
67.5°	772.0	783.2	924.5	1270.2	1804.0	3776.1	8090.5	9259.4	9222.5	7512.3	3063.5
70°	608.2	613.8	658.8	797.0	1047.0	1446.4	4617.5	8011.1	8171.7	6091.4	2999.2
72.5°	577.0	575.7	582.0	606.3	659.5	717.6	1787.7	5325.1	5652.0	4386.8	2514.7
75°	569.5	567.0	560.7	551.3	477.6	422.6	553.8	2355.3	2544.7	2997.3	1893.4
77.5°	552.6	553.2	554.5	528.8	409.4	298.8	268.2	755.7	929.5	1902.1	1345.8
80°	373.8	379.4	388.8	378.8	368.2	216.3	189.4	268.8	272.5	1067.6	888.9
82.5°	189.4	189.4	185.0	165.0	142.5	140.6	150.6	195.0	197.5	540.1	418.2
85°	114.4	120.6	123.1	111.9	102.5	94.4	115.0	155.0	160.6	209.4	97.5
87.5°	25.6	26.3	28.8	38.1	55.6	75.6	106.9	141.9	144.4	134.4	11.9
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-SA4A-927-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
2.5°	56.3	55.0	54.4	52.5	50.6	48.8	47.5	46.9	47.5	48.1	48.1
5°	55.6	53.8	50.6	47.5	45.0	42.5	40.0	39.4	39.4	40.0	40.0
7.5°	55.6	52.5	48.1	44.4	40.6	36.9	35.0	33.8	34.4	34.4	34.4
10°	55.6	51.9	46.3	40.6	36.3	31.9	28.8	27.5	27.5	27.5	27.5
12.5°	55.0	51.3	44.4	37.5	31.3	26.3	22.5	20.6	21.3	21.3	21.3
15°	53.8	49.4	41.9	31.9	25.0	20.0	16.3	14.4	15.0	16.3	16.9
17.5°	51.9	47.5	37.5	26.9	20.0	15.0	11.3	10.0	10.6	12.5	12.5
20°	51.3	45.6	33.1	21.9	15.0	10.6	7.5	6.3	6.9	9.4	10.0
22.5°	51.3	44.4	30.0	18.1	11.3	6.9	4.4	2.5	2.5	4.4	4.4
25°	51.9	43.8	27.5	15.0	8.1	5.0	2.5	1.3	2.5	6.9	8.1
27.5°	53.1	43.1	26.3	12.5	6.3	4.4	1.9	4.4	7.5	7.5	7.5
30°	54.4	41.9	24.4	10.6	5.6	3.1	3.1	6.3	6.3	7.5	8.1
32.5°	56.3	41.3	23.1	9.4	4.4	2.5	4.4	3.8	3.8	4.4	5.0
35°	60.0	41.9	21.9	9.4	4.4	3.1	3.8	1.9	1.3	1.3	1.3
37.5°	65.0	42.5	20.0	8.1	3.8	3.8	1.9	0.0	0.0	0.0	0.0
40°	73.1	44.4	18.8	7.5	3.1	3.1	0.6	0.0	0.0	0.0	0.0
42.5°	86.9	48.1	18.1	6.9	3.1	2.5	0.0	0.0	0.0	0.0	0.0
45°	114.4	56.9	16.9	6.3	3.1	1.3	0.0	0.0	0.0	0.0	0.0
47.5°	164.4	77.5	16.3	5.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0
50°	240.0	105.0	15.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	306.3	110.6	10.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	313.8	76.3	8.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	250.0	49.4	6.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	189.4	37.5	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	181.9	33.8	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	200.7	29.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	326.3	24.4	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	567.0	21.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	716.3	20.0	3.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	624.5	18.1	3.8	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	375.7	15.6	3.8	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	196.9	11.9	3.8	3.1	1.9	0.6	0.0	0.0	0.0	0.0	0.0
80°	95.6	10.6	4.4	3.1	2.5	1.3	0.0	0.0	0.0	0.0	0.0
82.5°	37.5	8.8	5.0	4.4	3.1	1.9	0.6	0.0	0.0	0.0	0.0
85°	16.9	7.5	5.6	5.0	4.4	2.5	0.6	0.0	0.0	0.0	0.0
87.5°	8.8	6.9	6.3	5.6	4.4	3.1	1.3	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: SP1-2407-184-13

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

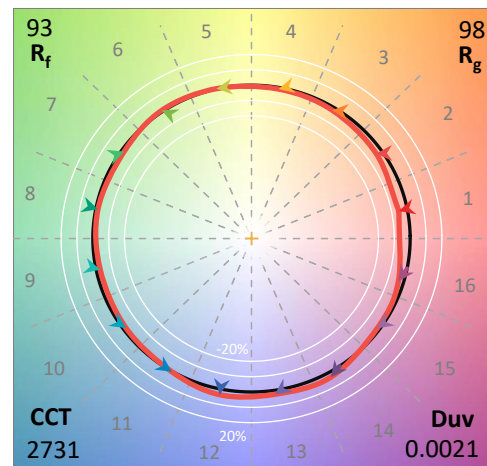
Test Information

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

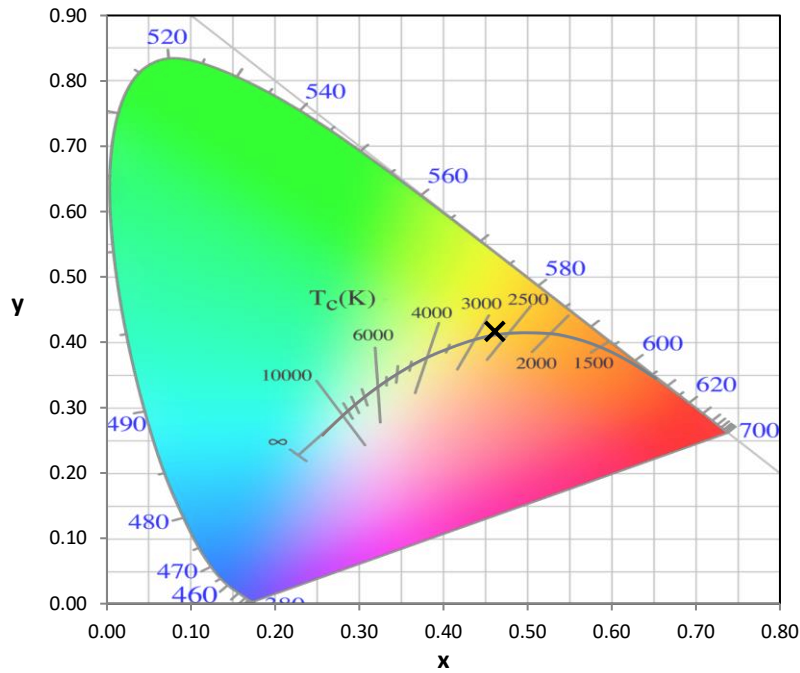
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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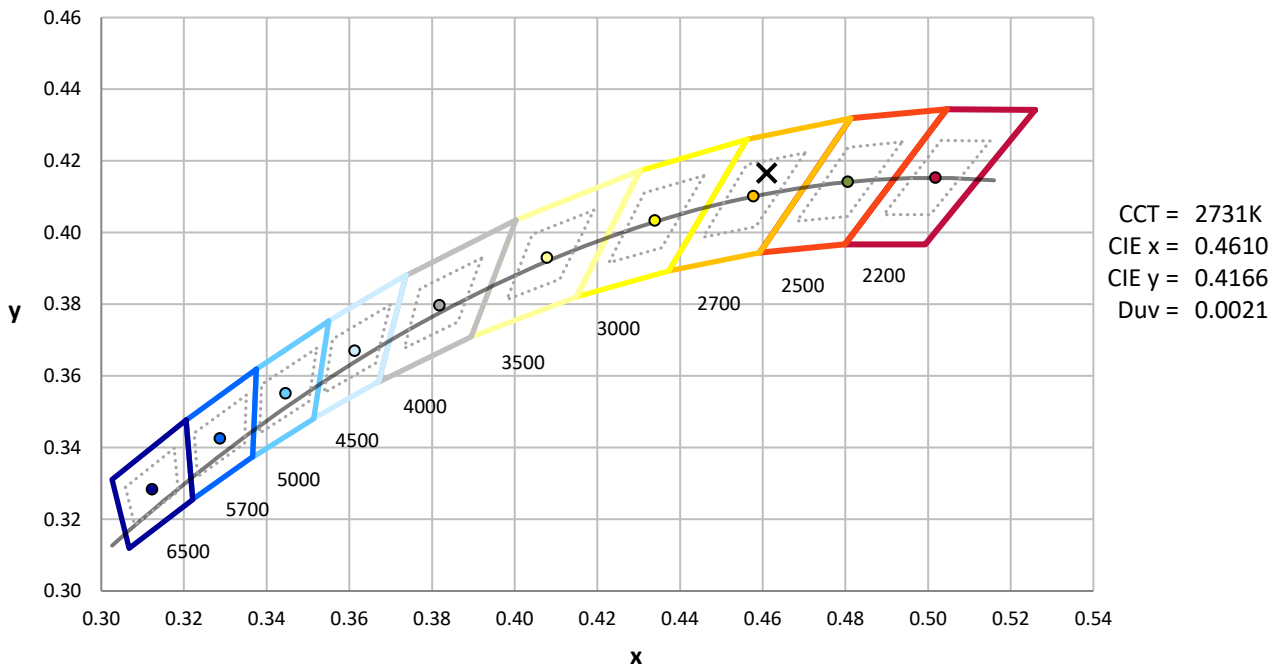
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



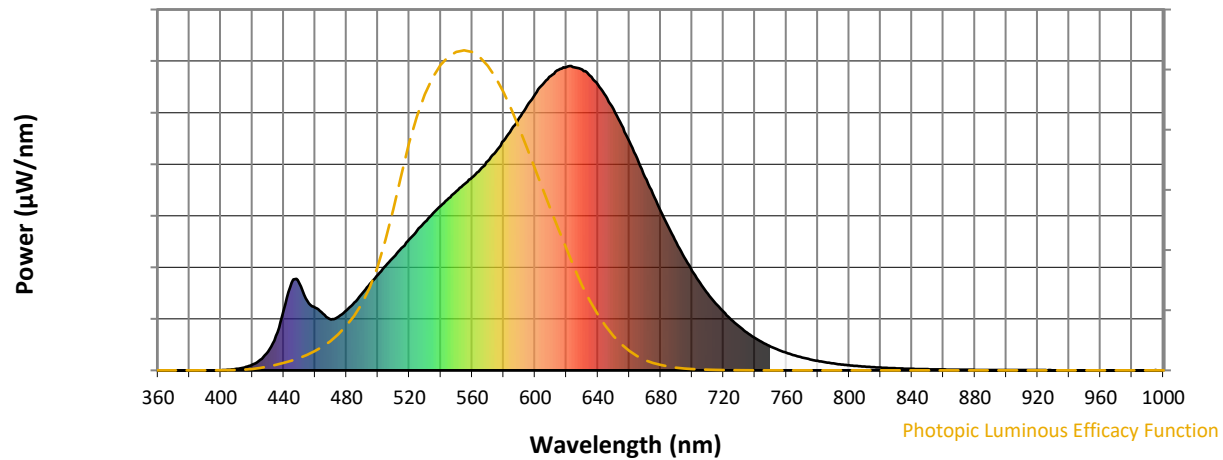
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

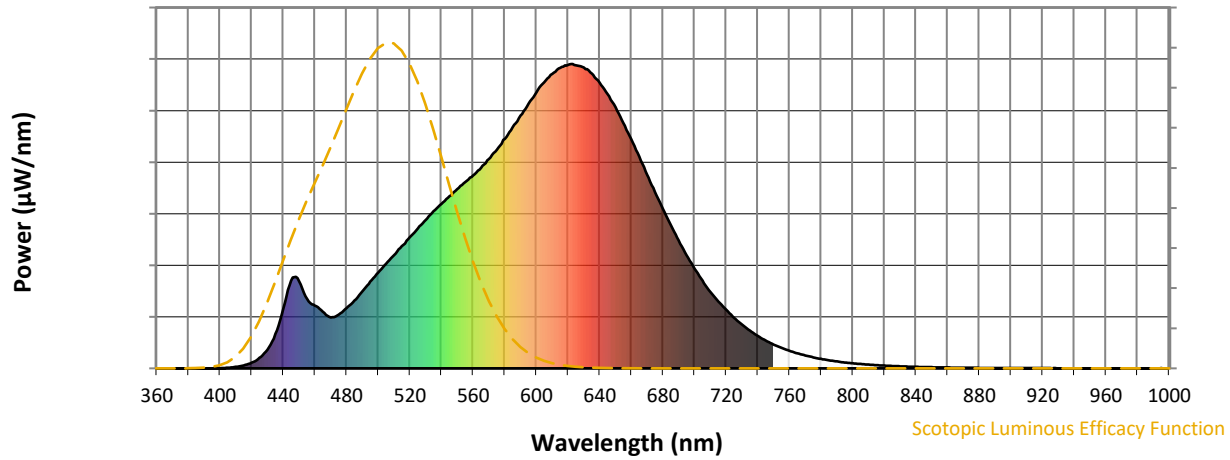


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



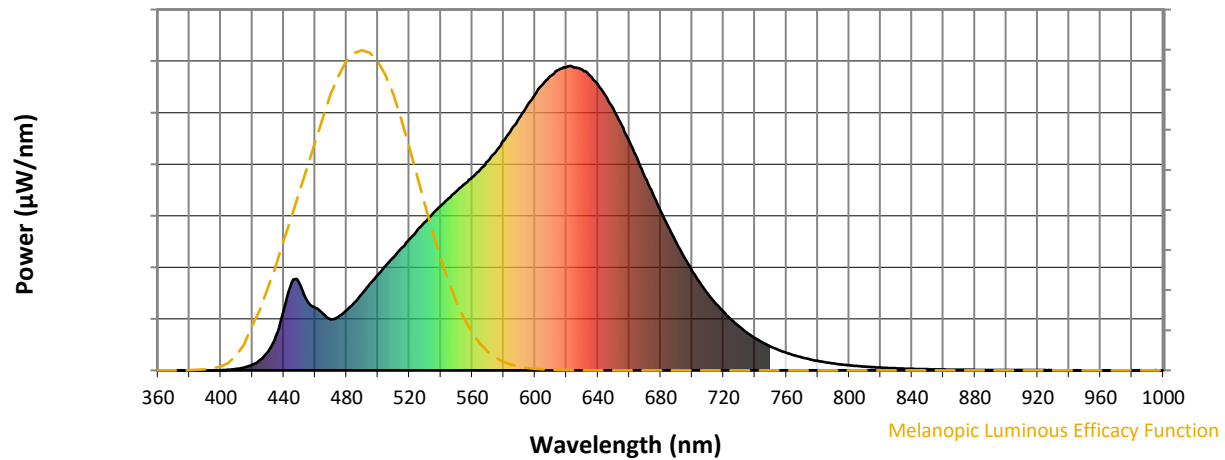
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength

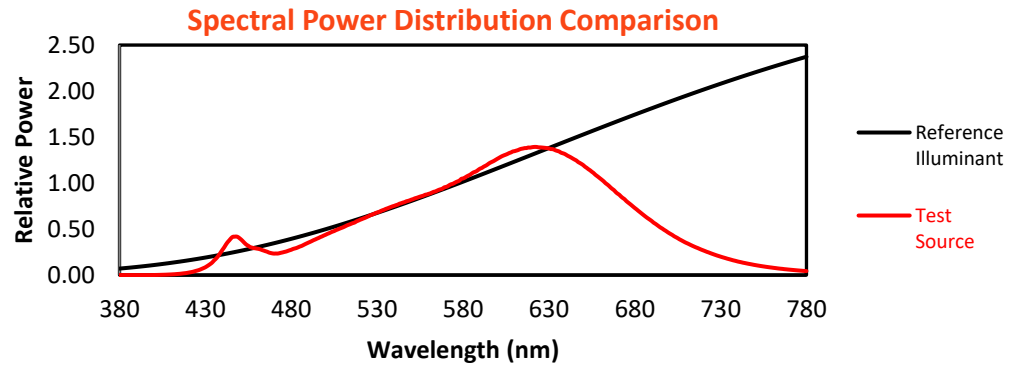
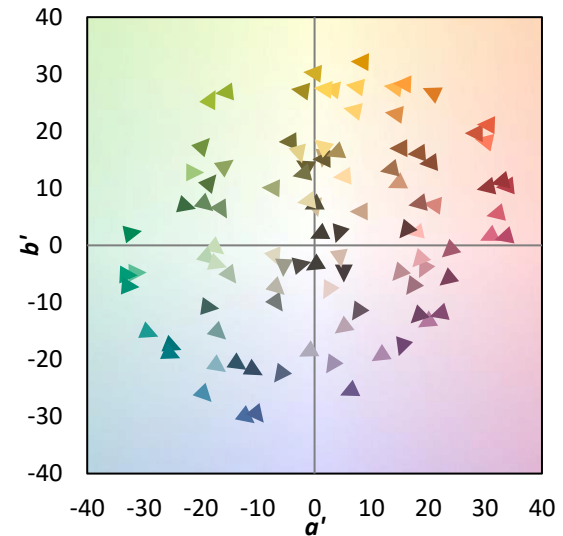
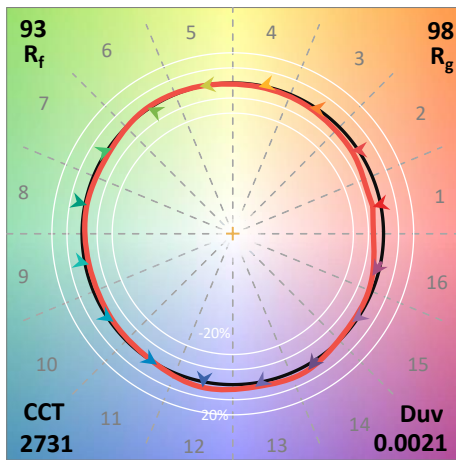
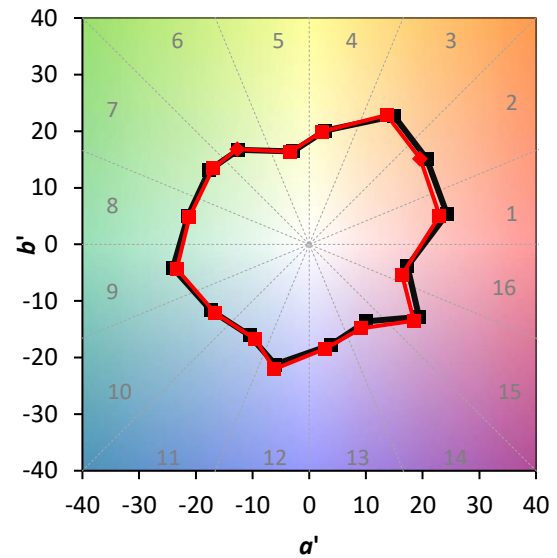
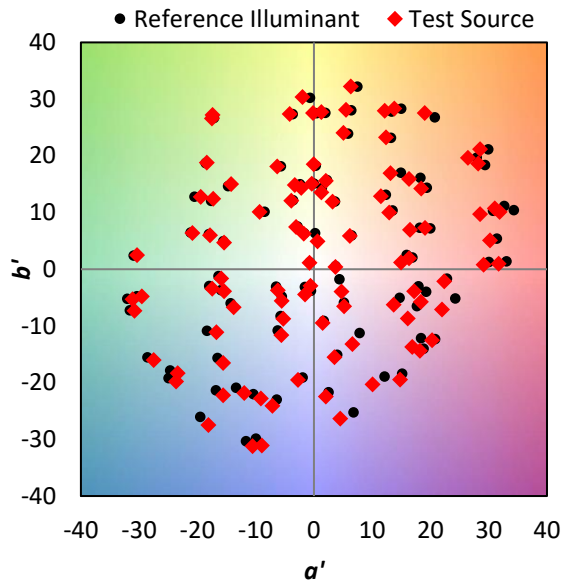


Melanopic Lumens: NR

M/P: 2.38

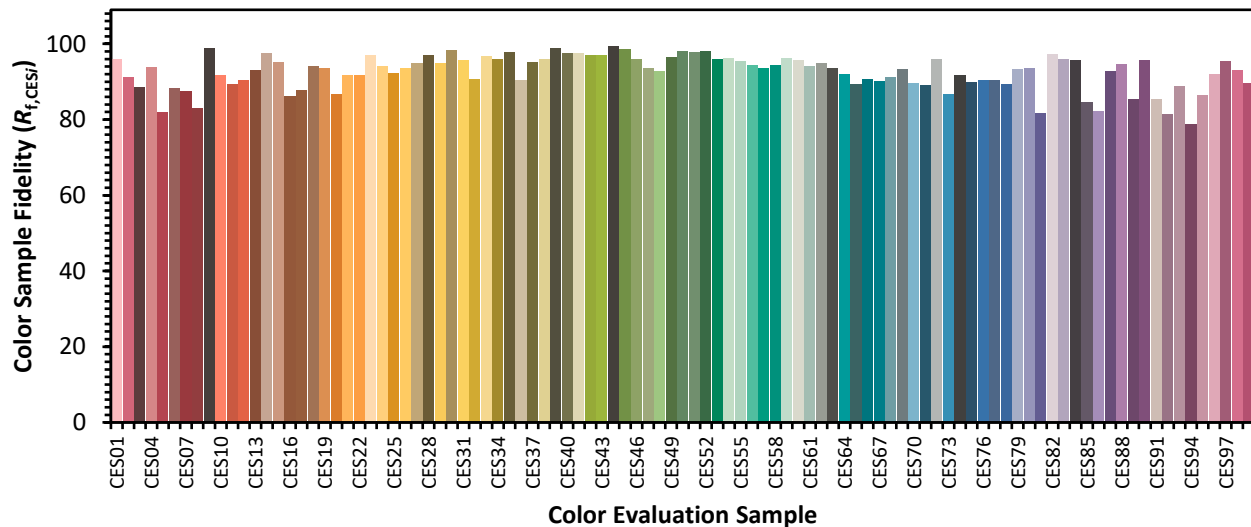
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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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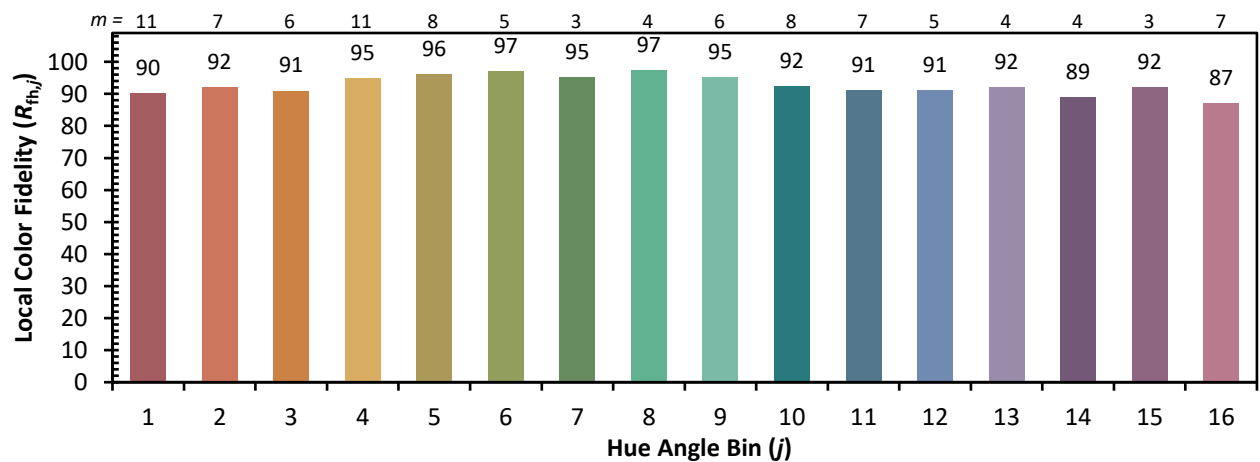
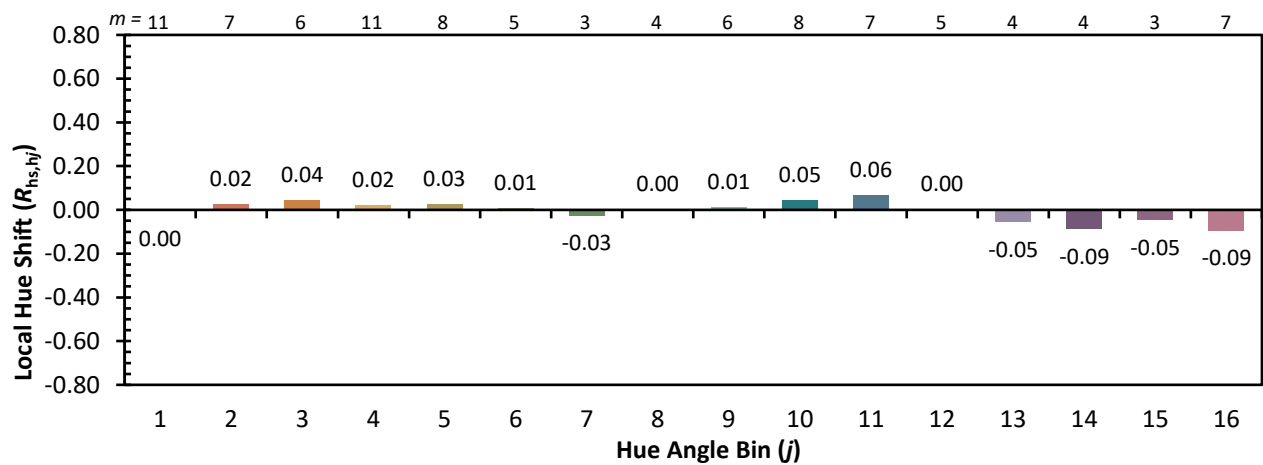
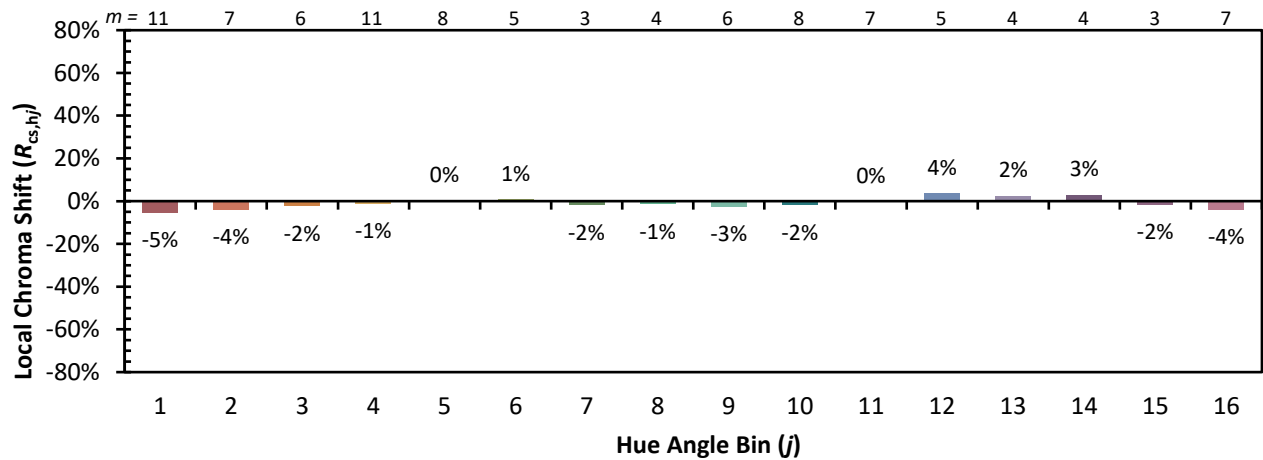
TM-30-18
Summary
 $R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

Color Vector Graphics


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

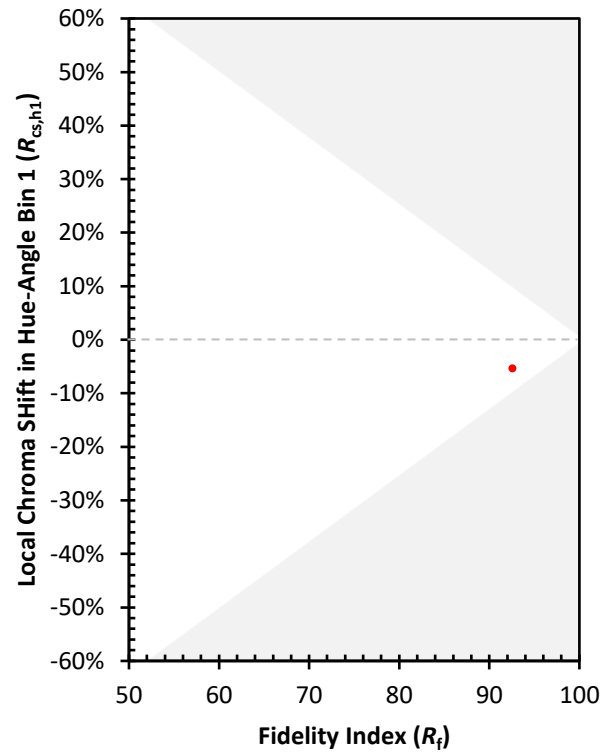
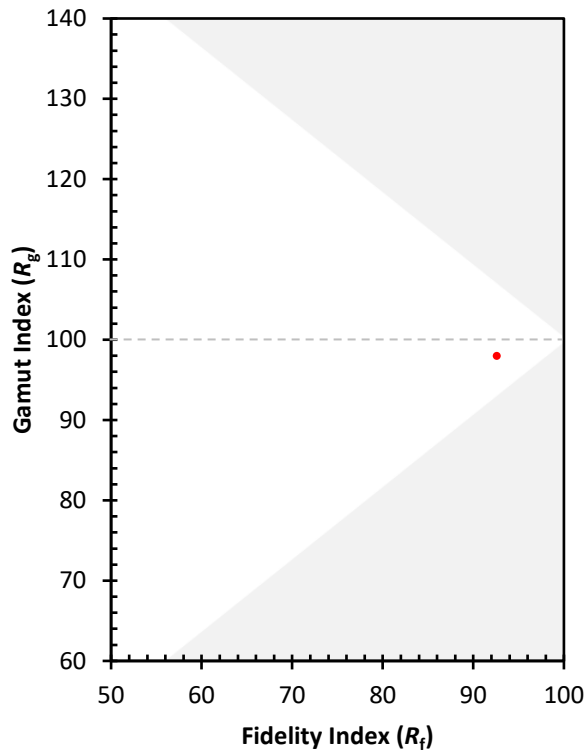
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 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)