

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: P1047737

Luminaire Tested: **GALN-SA2A-730-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047737
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7090.1 lumens
Efficiency: N/A
Efficacy: 127.1 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): 55.8
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

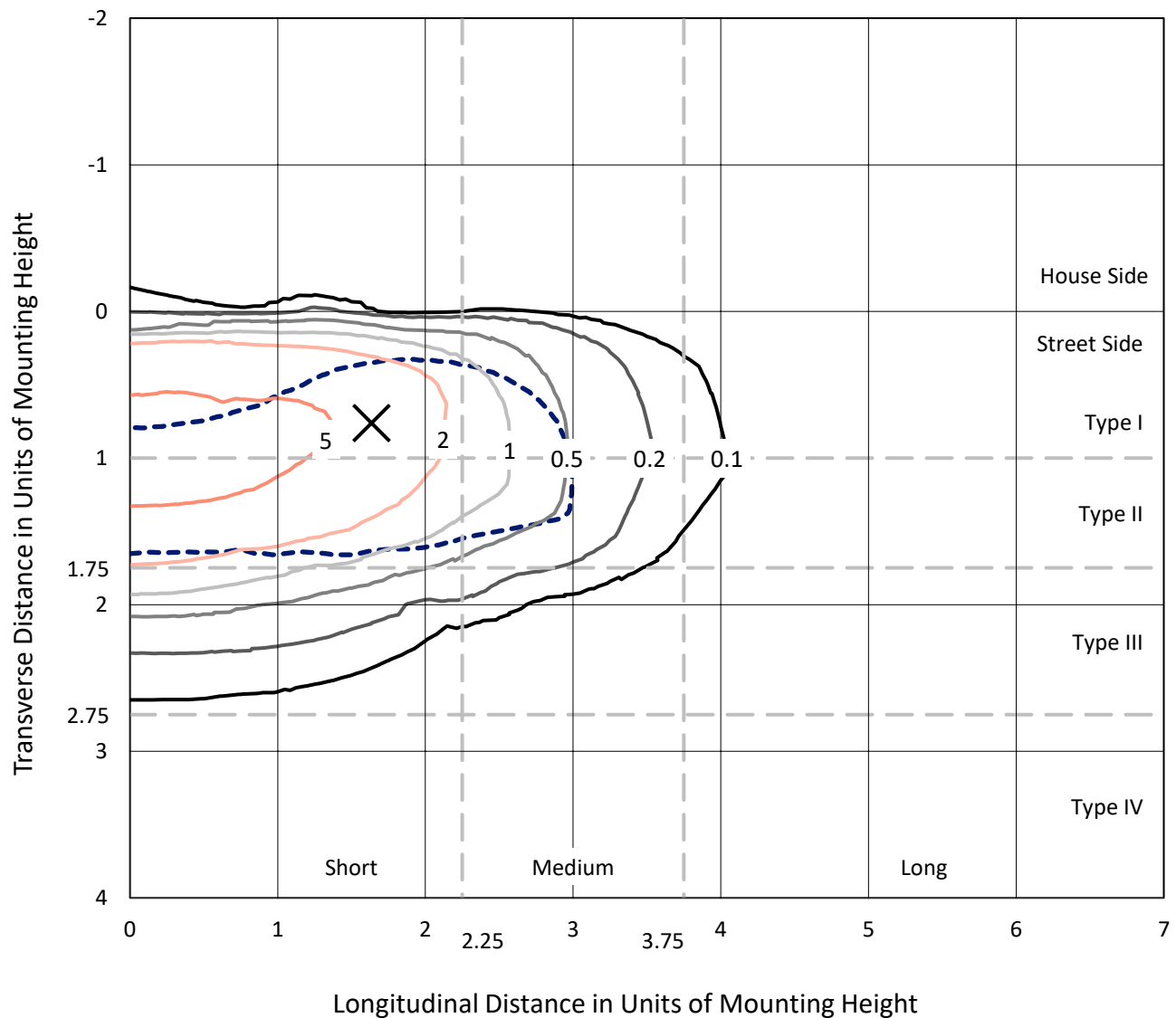


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CATALOG NUMBER: GALN-SA2A-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

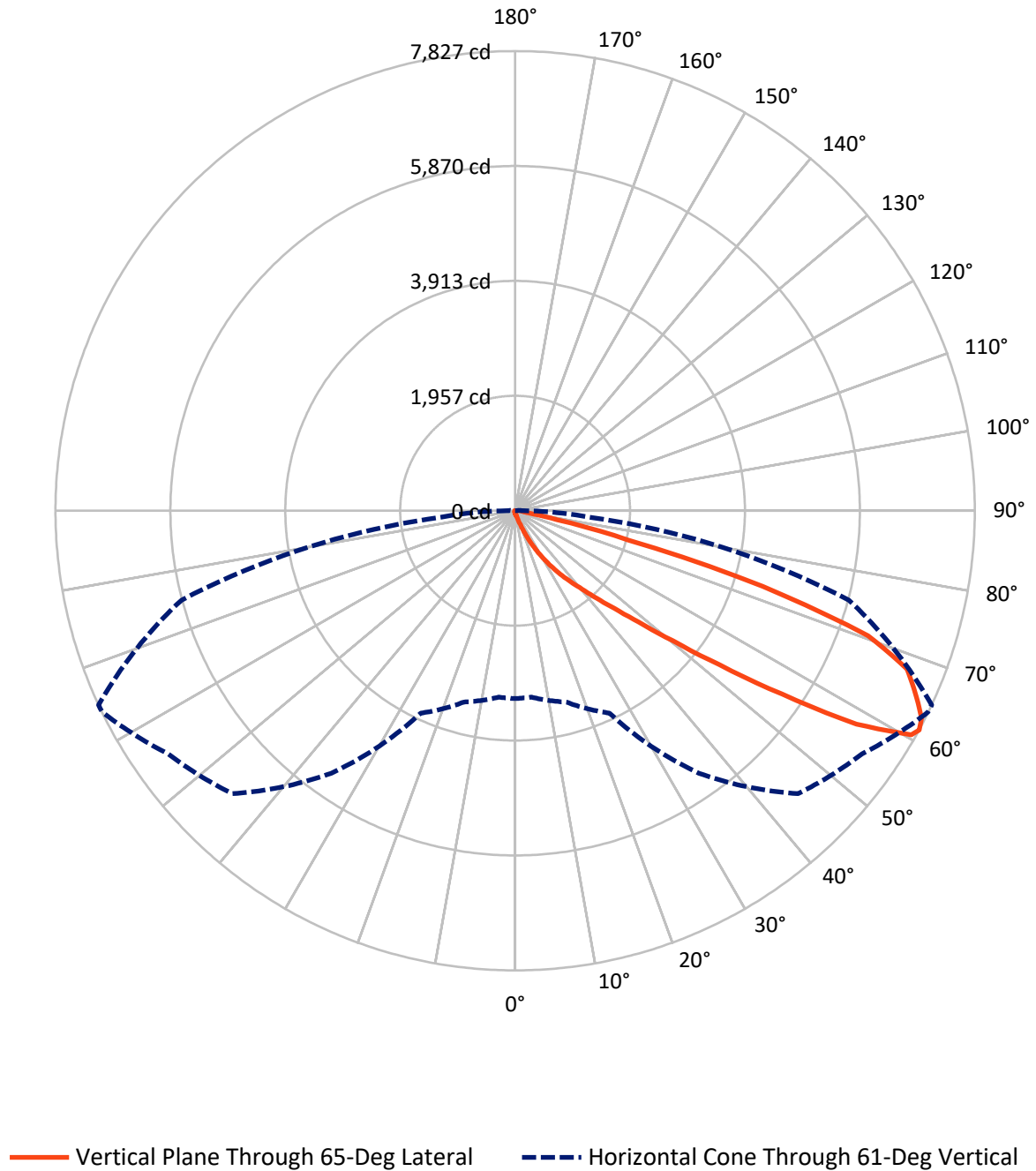


Based on 15 foot mounting height. Maximum calculated value = 9.4 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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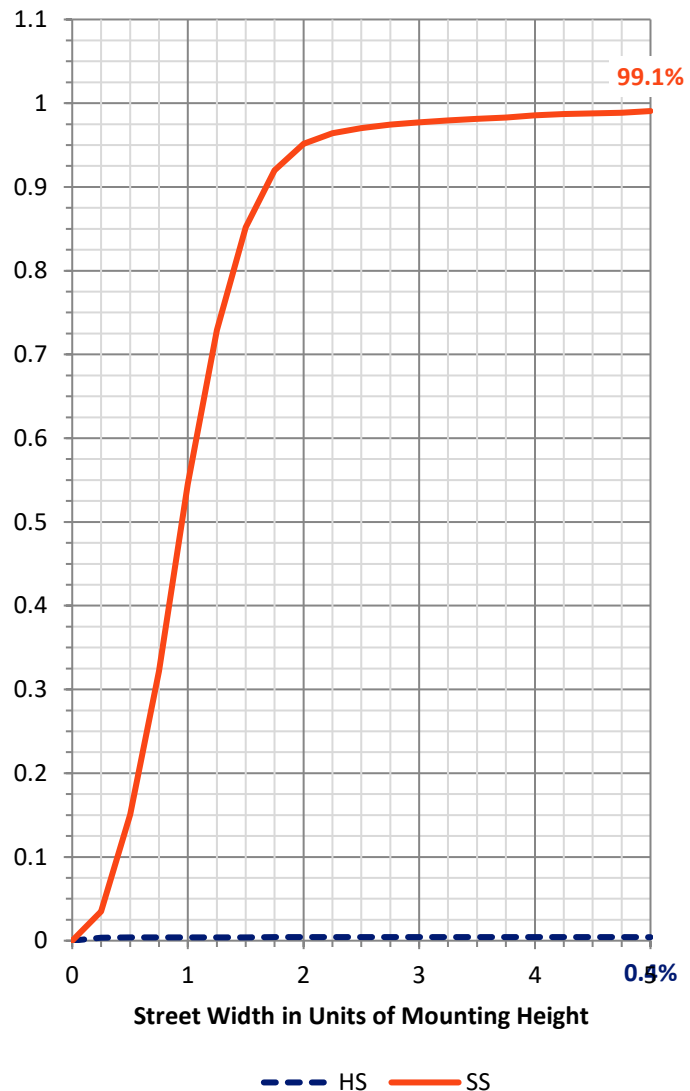
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.3	0.0	30.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7059.8	0.0	7059.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	7090.1	0.0	7090.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.1
10°-20°	58.3	0.8
20°-30°	209.2	3.0
30°-40°	557.1	7.9
40°-50°	1463.4	20.6
50°-60°	2267.1	32.0
60°-70°	1901.0	26.8
70°-80°	559.4	7.9
80°-90°	69.0	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°	7090.1	100.0
0°-180°	7090.1	100.0



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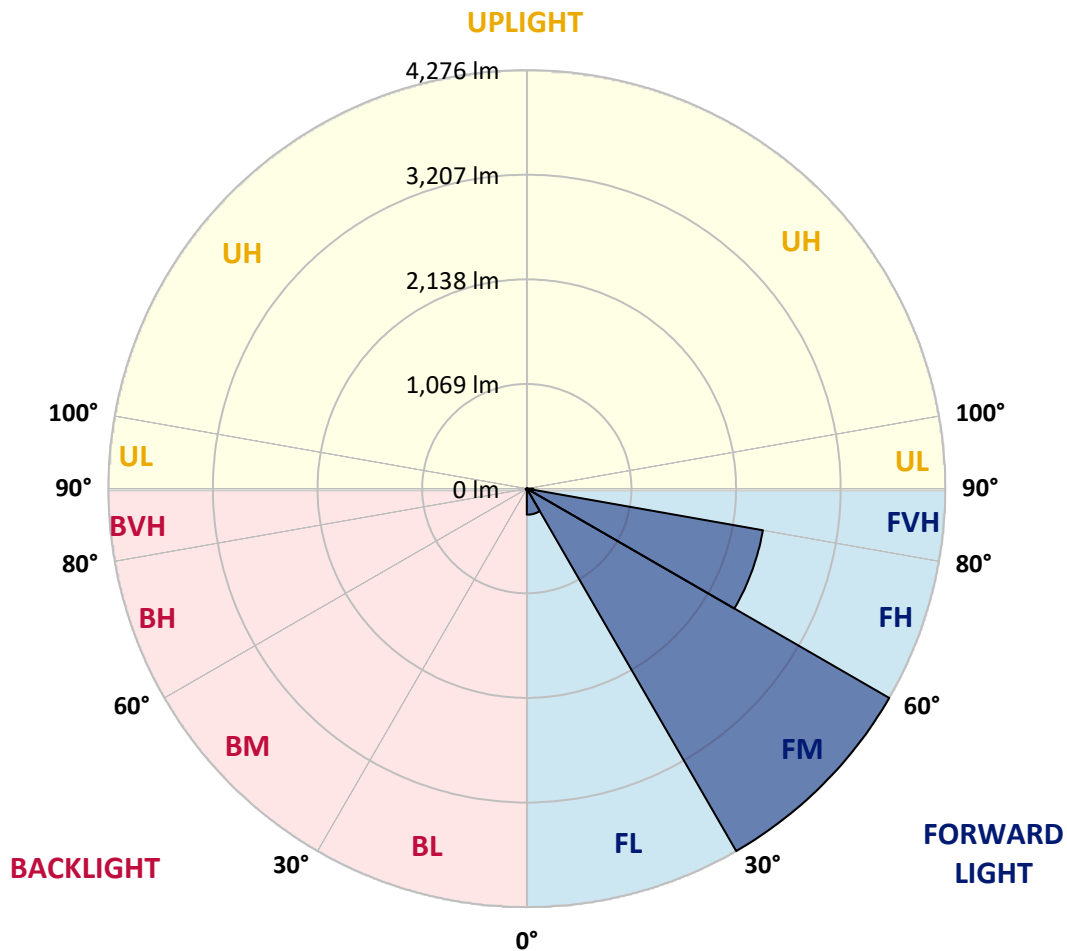
CATALOG NUMBER: GALN-SA2A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	266.3	3.8			
FM	(30°-60°)	4276.1	60.3			
FH	(60°-80°)	2449.7	34.6			G2/5000
FVH	(80°-90°)	67.7	1.0			G1/100
BL	(0°-30°)	6.8	0.1	B0/110		
BM	(30°-60°)	11.5	0.2	B0/220		
BH	(60°-80°)	10.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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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CATALOG NUMBER: GALN-SA2A-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
2.5°	52.7	53.2	52.2	50.2	48.8	48.8	48.3	46.8	46.8	45.4	44.4
5°	73.6	72.7	70.7	66.8	63.4	60.0	56.6	53.2	52.7	48.3	45.4
7.5°	120.5	121.4	115.1	102.9	92.7	79.5	67.3	60.0	59.0	51.7	45.8
10°	264.3	257.0	242.4	195.1	160.5	121.0	89.7	69.7	68.8	55.6	46.8
12.5°	481.9	476.0	449.2	400.4	311.2	216.5	131.2	86.3	83.4	59.0	47.3
15°	694.5	685.3	670.6	621.4	517.0	388.2	214.6	118.0	110.2	63.9	46.8
17.5°	830.1	831.6	818.4	797.4	730.1	574.5	370.7	176.1	160.9	72.7	45.8
20°	948.6	945.2	952.5	941.3	894.0	780.8	539.4	279.0	253.1	86.8	46.3
22.5°	1085.2	1093.5	1098.8	1096.4	1044.2	947.6	731.1	417.5	384.8	112.7	47.8
25°	1268.1	1267.1	1267.6	1261.3	1210.5	1103.2	923.3	589.7	556.5	154.6	51.2
27.5°	1459.8	1465.6	1468.0	1445.1	1378.8	1273.4	1101.3	777.9	738.9	221.9	55.6
30°	1721.7	1716.8	1705.6	1658.7	1578.3	1447.6	1276.9	975.4	934.5	316.0	62.4
32.5°	2074.8	2069.4	2012.8	1909.4	1789.0	1629.0	1453.4	1173.5	1123.7	433.6	71.7
35°	2656.6	2664.9	2525.9	2258.2	2042.1	1847.0	1649.0	1370.5	1326.6	578.4	84.4
37.5°	3547.7	3502.3	3313.6	2840.5	2375.2	2119.2	1835.8	1569.5	1531.4	756.9	101.0
40°	4413.4	4368.5	4313.9	3865.7	2954.1	2419.1	2097.2	1803.1	1753.9	958.4	125.3
42.5°	5323.5	5298.6	5296.2	4958.2	4010.5	2890.7	2411.8	2076.7	2034.8	1179.3	165.3
45°	5968.3	5943.4	5995.6	6054.6	5449.3	3901.3	2959.5	2432.3	2371.3	1447.6	229.2
47.5°	6055.1	6056.1	6195.5	6380.4	6518.4	5464.4	3689.1	2903.4	2829.3	1831.4	336.5
50°	5766.3	5777.6	5999.5	6330.2	6701.8	6775.9	4975.7	3587.2	3477.5	2286.4	488.7
52.5°	5216.7	5229.4	5538.6	6082.4	6533.0	7091.0	6490.6	4481.7	4355.4	2854.2	703.3
55°	4721.6	4729.4	5084.0	5771.2	6329.7	6919.8	7390.0	5676.1	5510.3	3552.6	915.0
57.5°	4231.5	4213.4	4444.1	5230.8	6295.0	6709.6	7522.6	7037.4	6854.5	4315.9	1079.8
60°	3576.0	3545.7	3731.1	4231.5	5839.5	6847.6	7274.4	7790.4	7748.9	5378.6	1207.1
61°	3199.0	3186.3	3372.6	3801.8	5456.2	6812.5	7214.9	7822.1	7826.5	5881.4	1264.2
62.5°	2284.5	2320.6	2605.4	3163.4	4570.0	6584.7	7222.7	7724.1	7767.5	6549.6	1412.0
65°	1015.4	1073.5	1294.9	1749.0	2657.6	5477.6	7153.4	7509.0	7487.5	6733.0	1921.1
67.5°	602.3	611.1	721.3	991.1	1407.6	2946.3	6312.6	7224.6	7195.9	5861.5	2390.3
70°	474.6	478.9	514.1	621.8	816.9	1128.6	3602.8	6250.7	6376.0	4752.9	2340.1
72.5°	450.2	449.2	454.1	473.1	514.5	559.9	1394.9	4154.9	4410.0	3422.8	1962.1
75°	444.3	442.4	437.5	430.2	372.6	329.7	432.1	1837.7	1985.5	2338.6	1477.3
77.5°	431.1	431.6	432.6	412.6	319.5	233.1	209.2	589.7	725.2	1484.1	1050.1
80°	291.7	296.0	303.4	295.6	287.3	168.8	147.8	209.7	212.6	833.0	693.5
82.5°	147.8	147.8	144.4	128.8	111.2	109.7	117.5	152.2	154.1	421.4	326.3
85°	89.3	94.1	96.1	87.3	80.0	73.6	89.7	121.0	125.3	163.4	76.1
87.5°	20.0	20.5	22.4	29.8	43.4	59.0	83.4	110.7	112.7	104.9	9.3
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-SA2A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
2.5°	43.9	42.9	42.4	41.0	39.5	38.0	37.1	36.6	37.1	37.6	37.6
5°	43.4	41.9	39.5	37.1	35.1	33.2	31.2	30.7	30.7	31.2	31.2
7.5°	43.4	41.0	37.6	34.6	31.7	28.8	27.3	26.3	26.8	26.8	26.8
10°	43.4	40.5	36.1	31.7	28.3	24.9	22.4	21.5	21.5	21.5	21.5
12.5°	42.9	40.0	34.6	29.3	24.4	20.5	17.6	16.1	16.6	16.6	16.6
15°	41.9	38.5	32.7	24.9	19.5	15.6	12.7	11.2	11.7	12.7	13.2
17.5°	40.5	37.1	29.3	21.0	15.6	11.7	8.8	7.8	8.3	9.8	9.8
20°	40.0	35.6	25.8	17.1	11.7	8.3	5.9	4.9	5.4	7.3	7.8
22.5°	40.0	34.6	23.4	14.1	8.8	5.4	3.4	2.0	2.0	3.4	3.4
25°	40.5	34.1	21.5	11.7	6.3	3.9	2.0	1.0	2.0	5.4	6.3
27.5°	41.5	33.7	20.5	9.8	4.9	3.4	1.5	3.4	5.9	5.9	5.9
30°	42.4	32.7	19.0	8.3	4.4	2.4	2.4	4.9	4.9	5.9	6.3
32.5°	43.9	32.2	18.0	7.3	3.4	2.0	3.4	2.9	2.9	3.4	3.9
35°	46.8	32.7	17.1	7.3	3.4	2.4	2.9	1.5	1.0	1.0	1.0
37.5°	50.7	33.2	15.6	6.3	2.9	2.9	1.5	0.0	0.0	0.0	0.0
40°	57.1	34.6	14.6	5.9	2.4	2.4	0.5	0.0	0.0	0.0	0.0
42.5°	67.8	37.6	14.1	5.4	2.4	2.0	0.0	0.0	0.0	0.0	0.0
45°	89.3	44.4	13.2	4.9	2.4	1.0	0.0	0.0	0.0	0.0	0.0
47.5°	128.3	60.5	12.7	3.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	187.3	81.9	12.2	3.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	239.0	86.3	8.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	244.8	59.5	6.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	195.1	38.5	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	147.8	29.3	4.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	141.9	26.3	4.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	156.6	22.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	254.6	19.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	442.4	16.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	558.9	15.6	2.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	487.2	14.1	2.9	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	293.1	12.2	2.9	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	153.6	9.3	2.9	2.4	1.5	0.5	0.0	0.0	0.0	0.0	0.0
80°	74.6	8.3	3.4	2.4	2.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.3	6.8	3.9	3.4	2.4	1.5	0.5	0.0	0.0	0.0	0.0
85°	13.2	5.9	4.4	3.9	3.4	2.0	0.5	0.0	0.0	0.0	0.0
87.5°	6.8	5.4	4.9	4.4	3.4	2.4	1.0	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

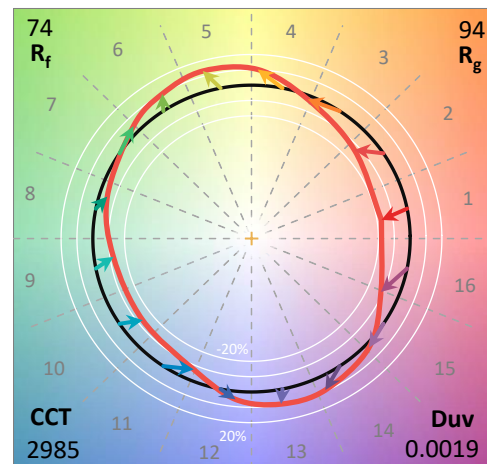
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

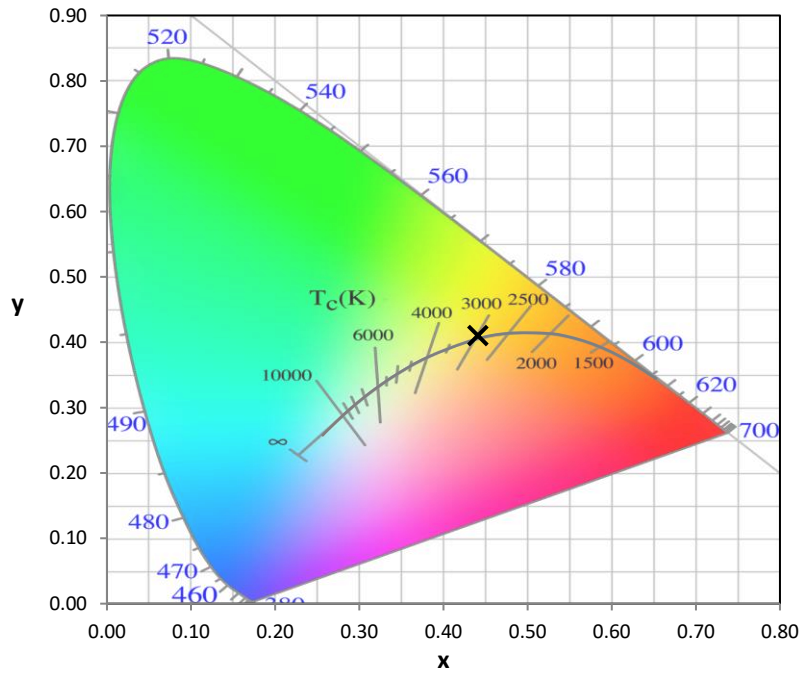
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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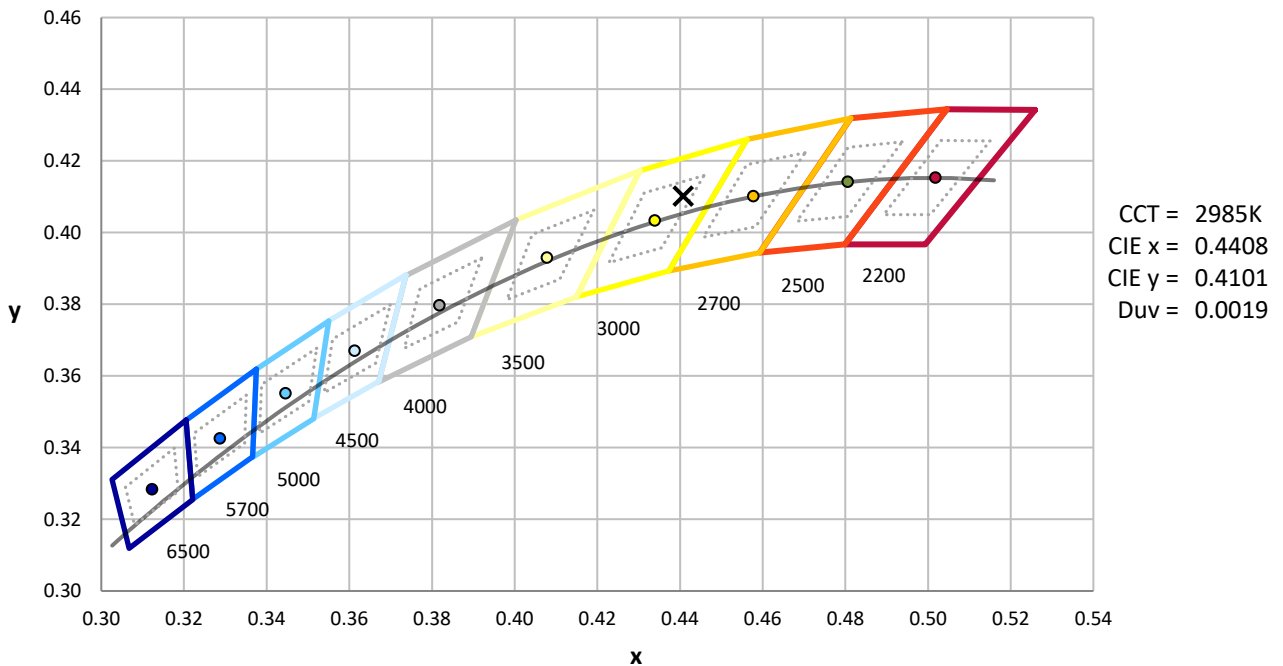
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



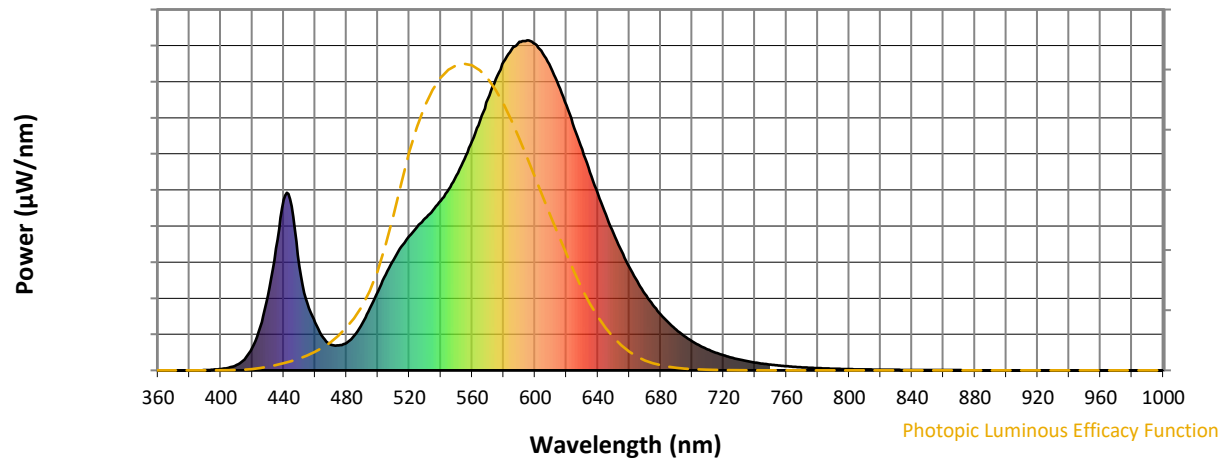
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

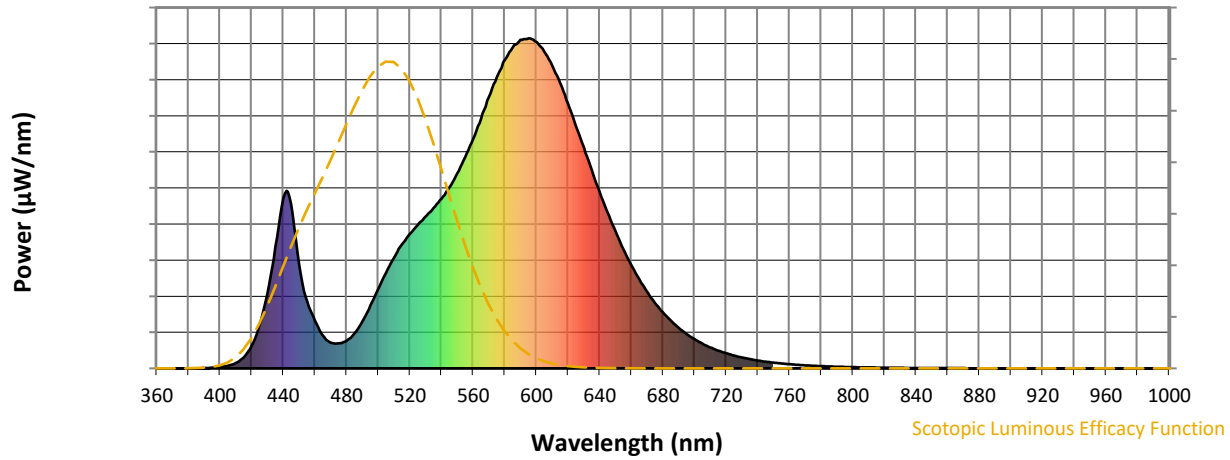


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



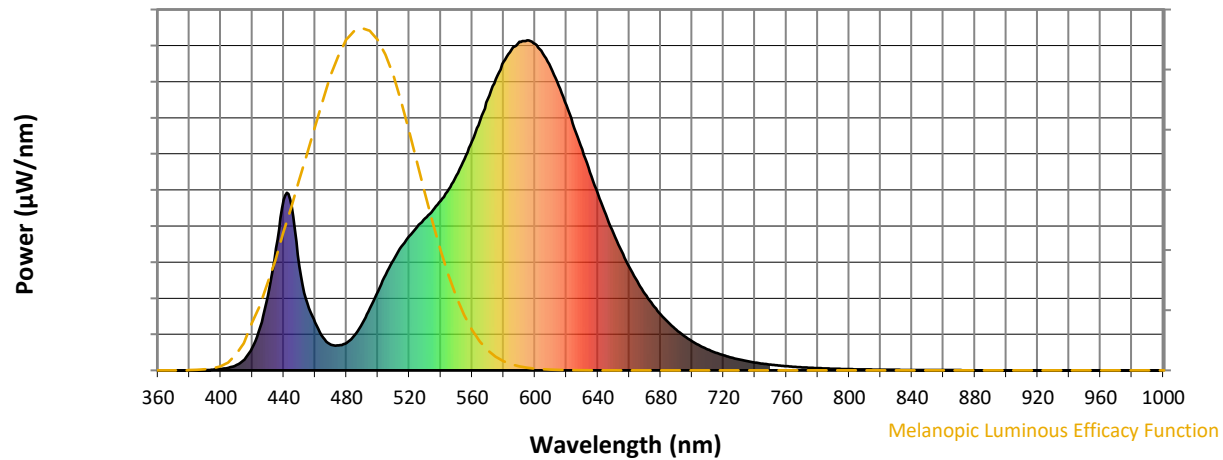
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

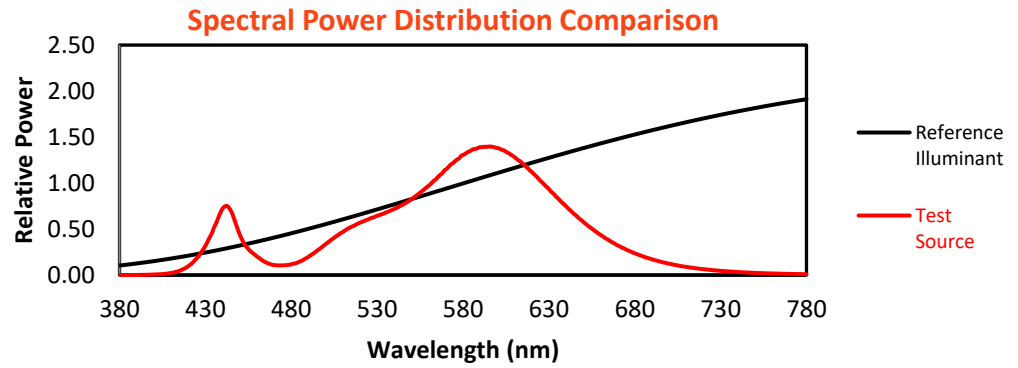
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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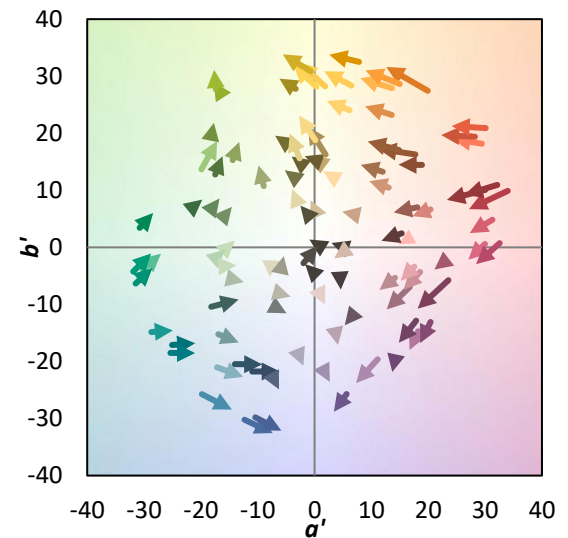
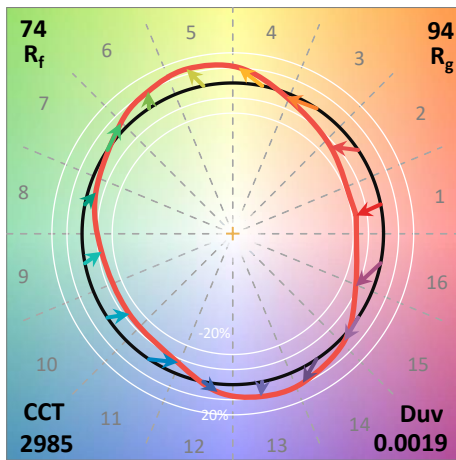
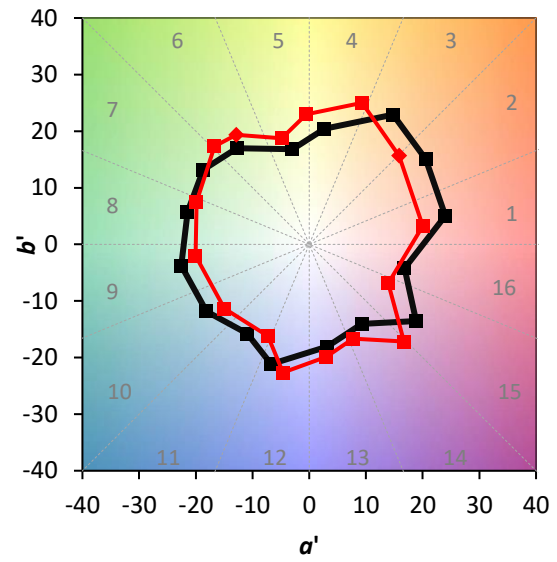
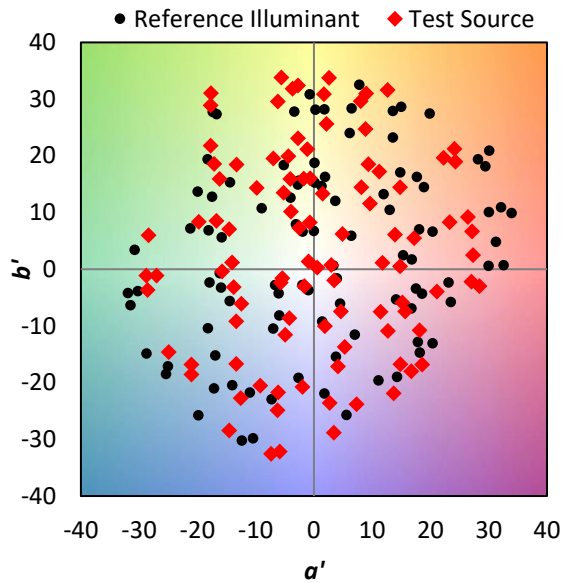
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

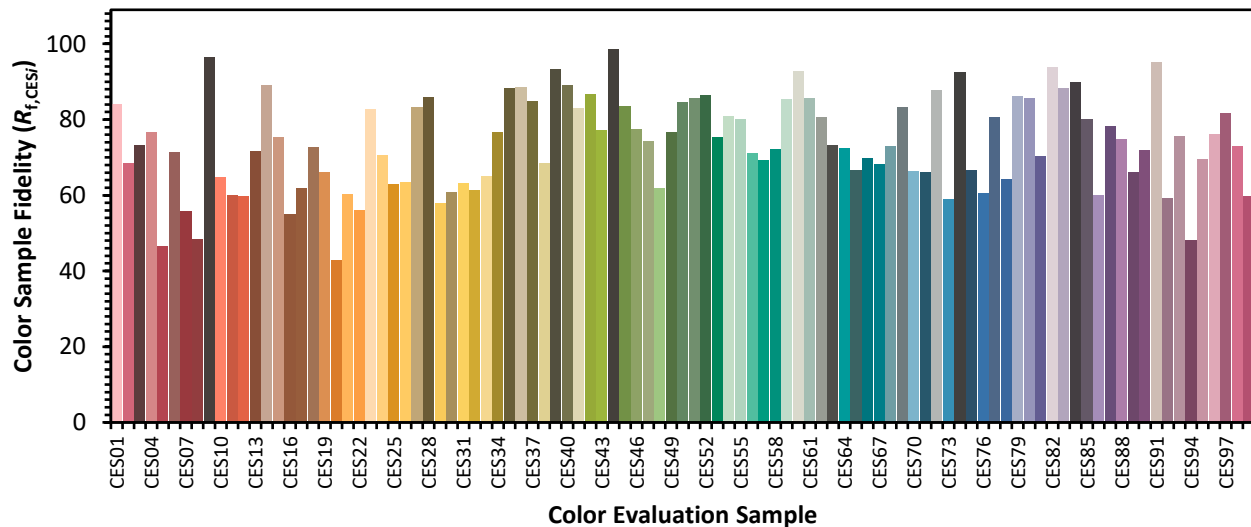


Color Vector Graphics

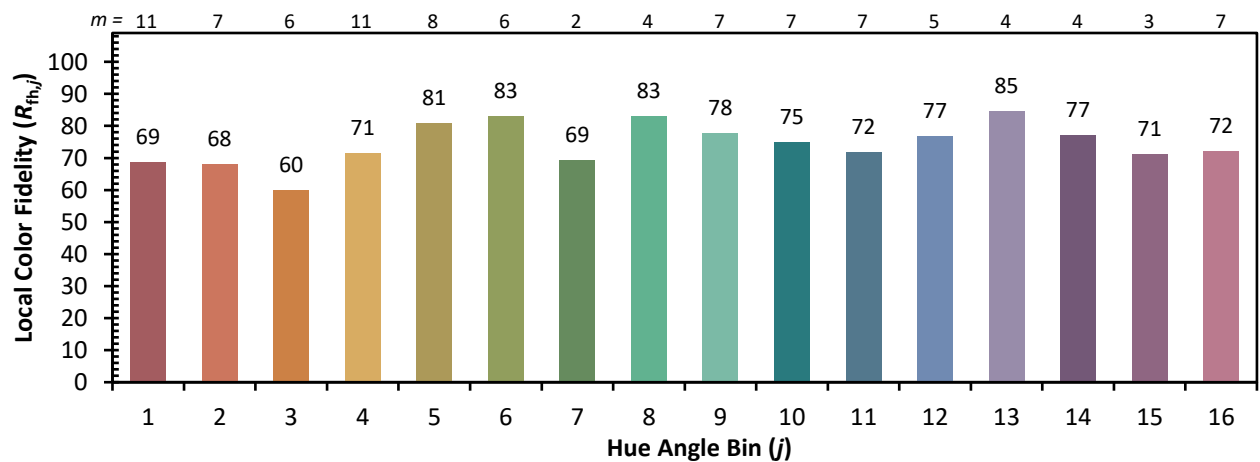
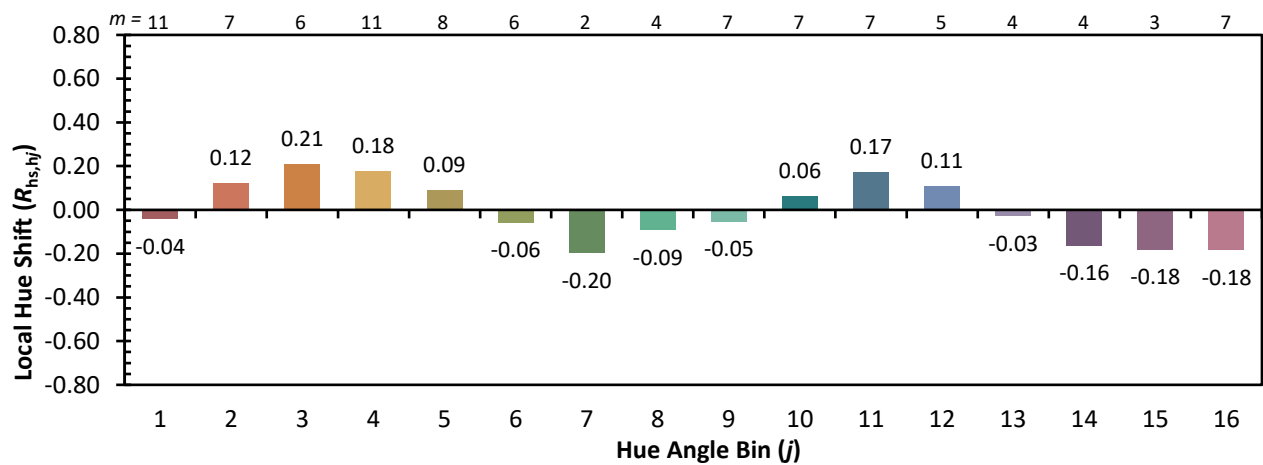
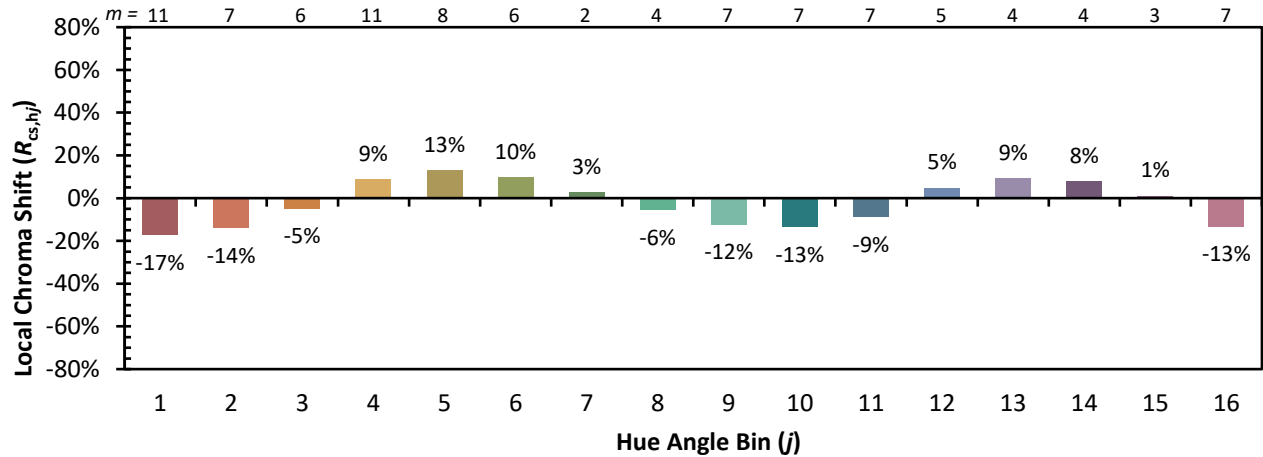


Individual Sample Fidelity Index ($R_{f,i}$)

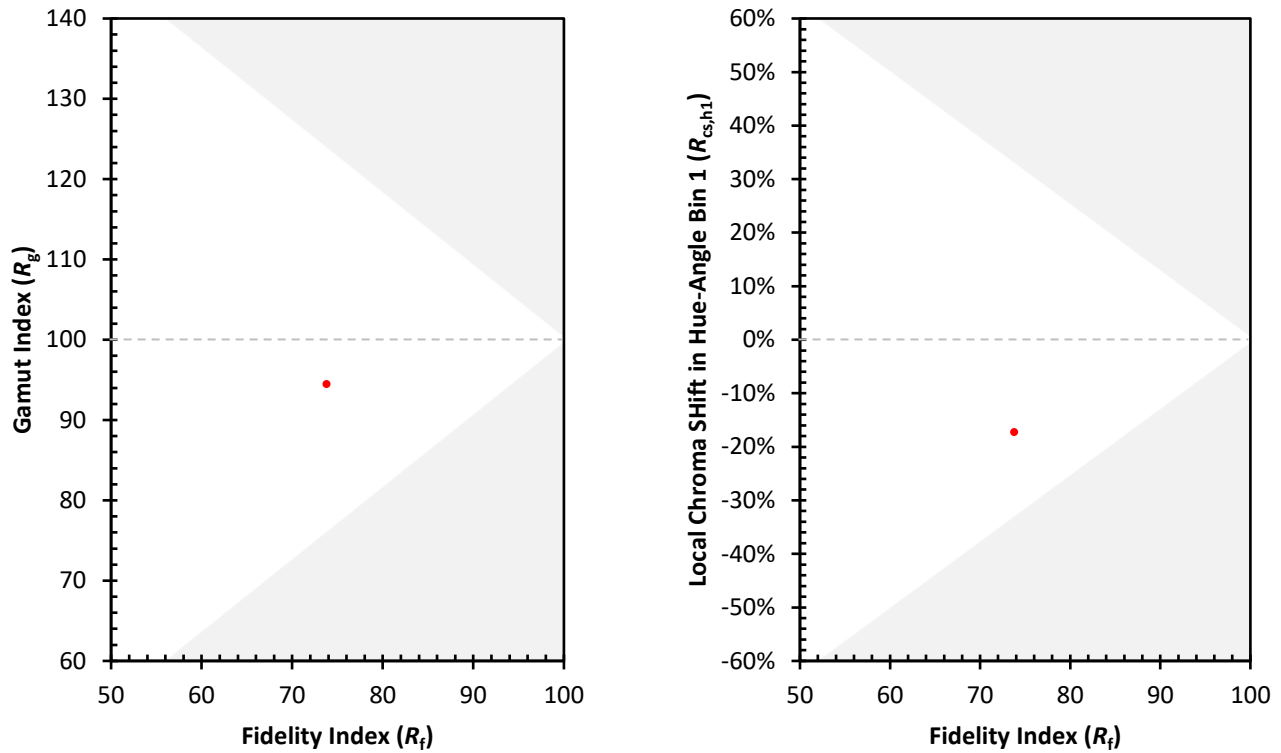
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)