

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: P1047733

Luminaire Tested: **GALN-SA1A-730-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047733
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3534.9 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
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

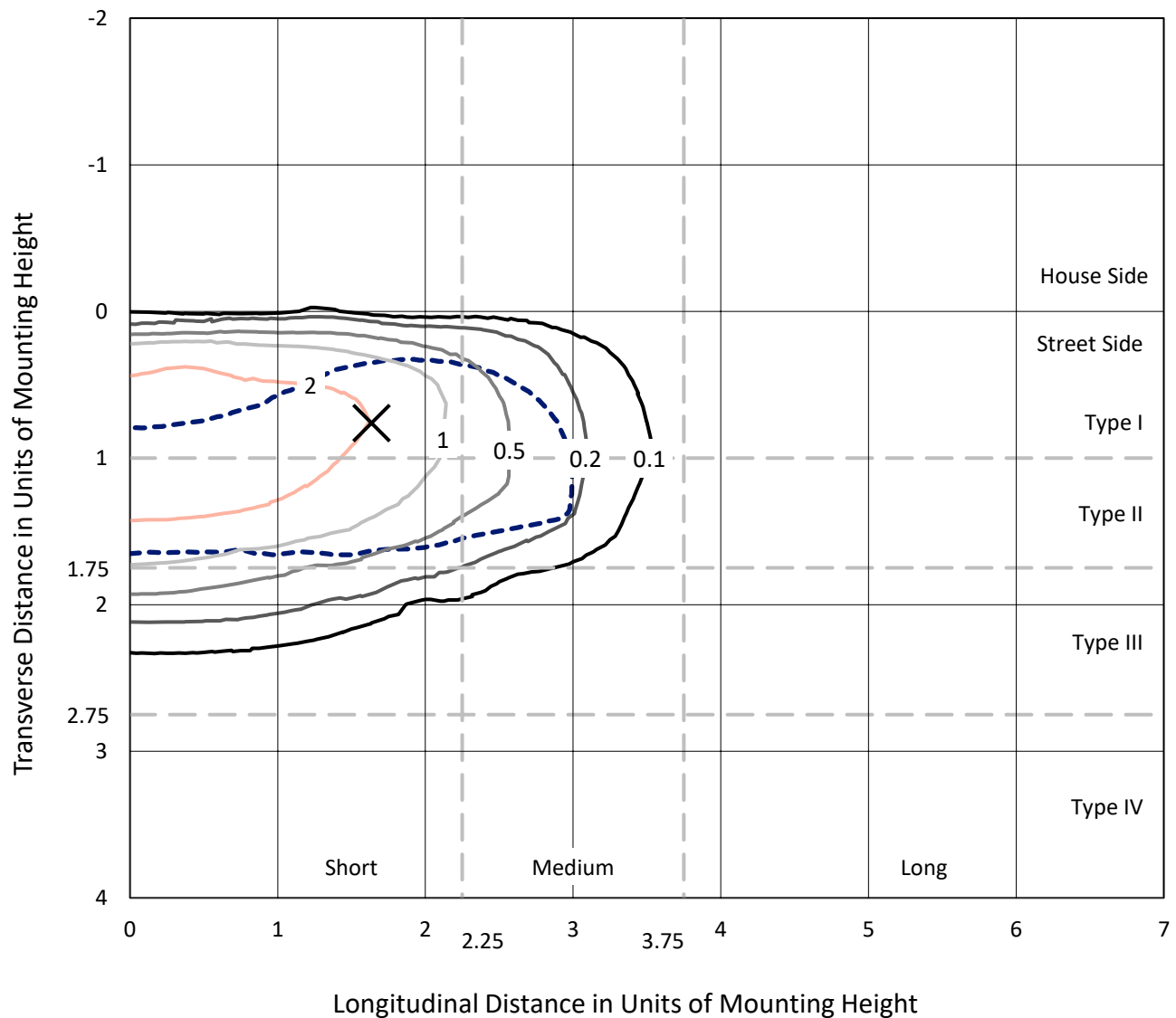


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CATALOG NUMBER: GALN-SA1A-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

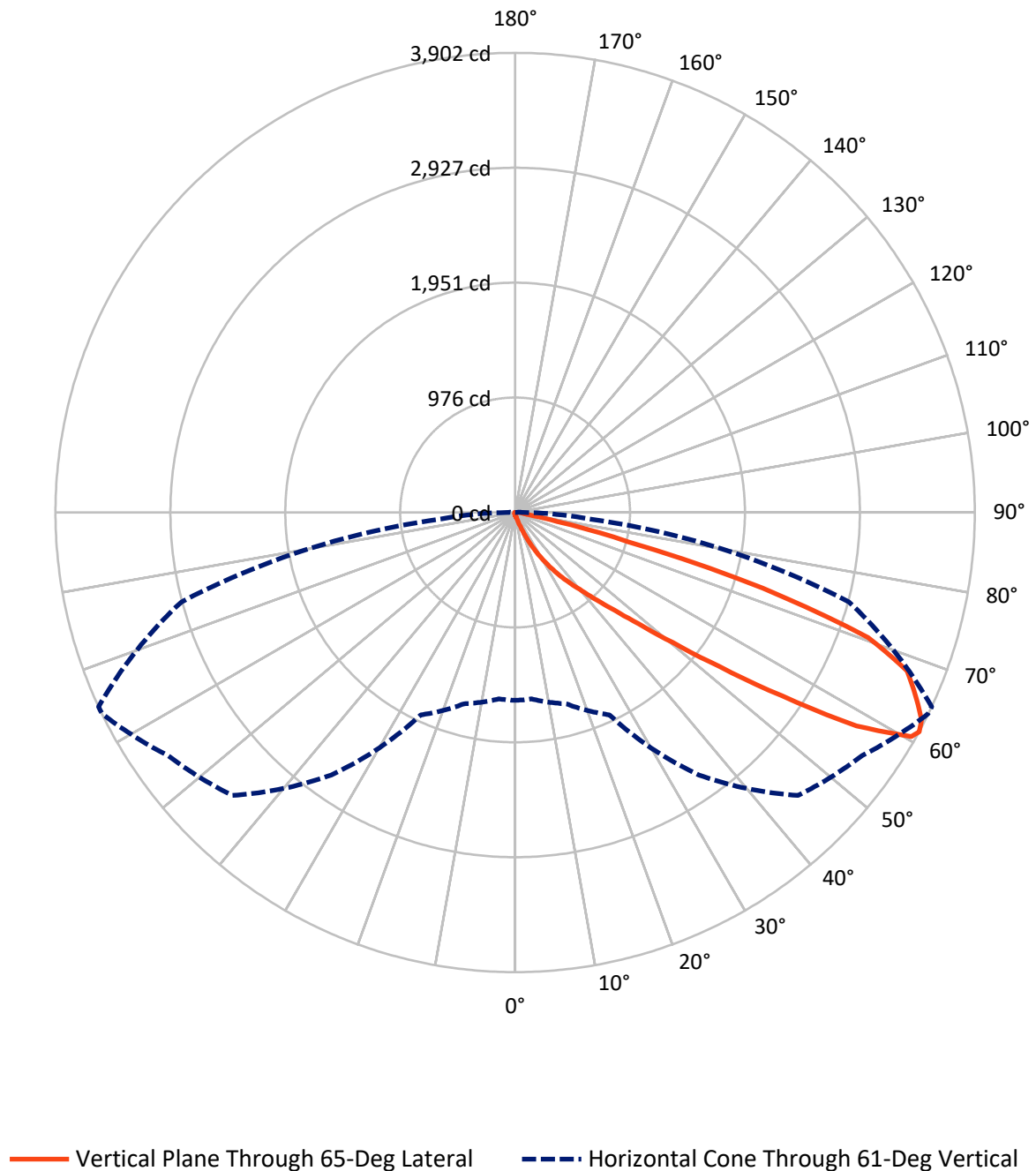


Based on 15 foot mounting height. Maximum calculated value = 4.7 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA1A-730-U-T2BC

Luminous Intensity Polar Plot



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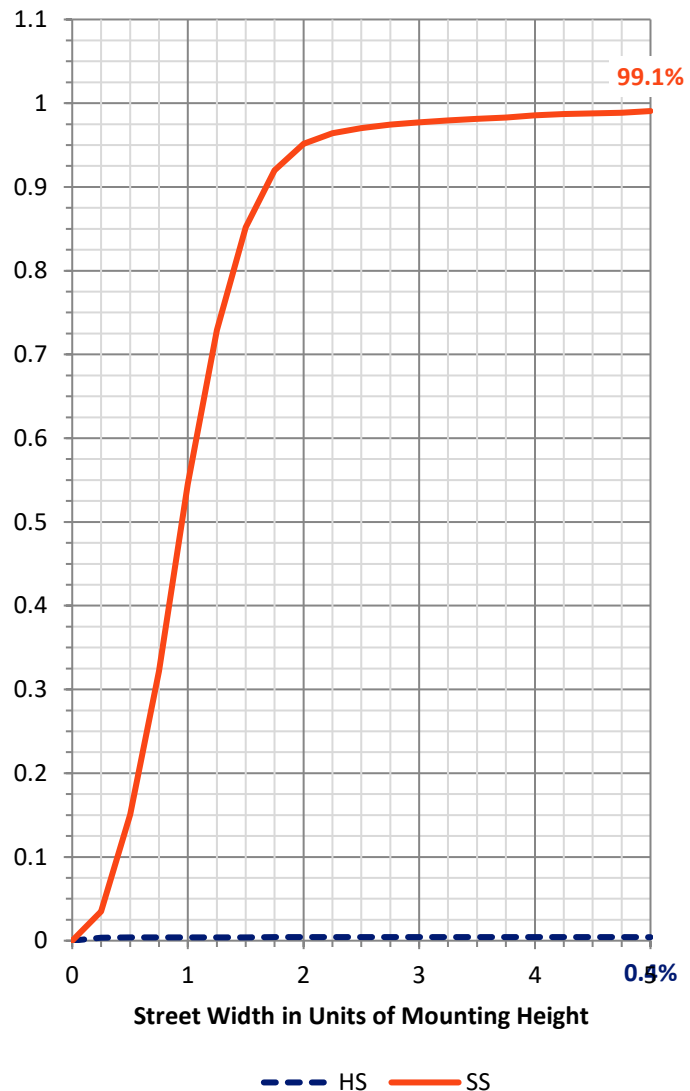
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	15.1	0.0	15.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3519.8	0.0	3519.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	3534.9	0.0	3534.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.8	0.1
10°-20°	29.1	0.8
20°-30°	104.3	3.0
30°-40°	277.7	7.9
40°-50°	729.6	20.6
50°-60°	1130.3	32.0
60°-70°	947.8	26.8
70°-80°	278.9	7.9
80°-90°	34.4	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°	3534.9	100.0
0°-180°	3534.9	100.0



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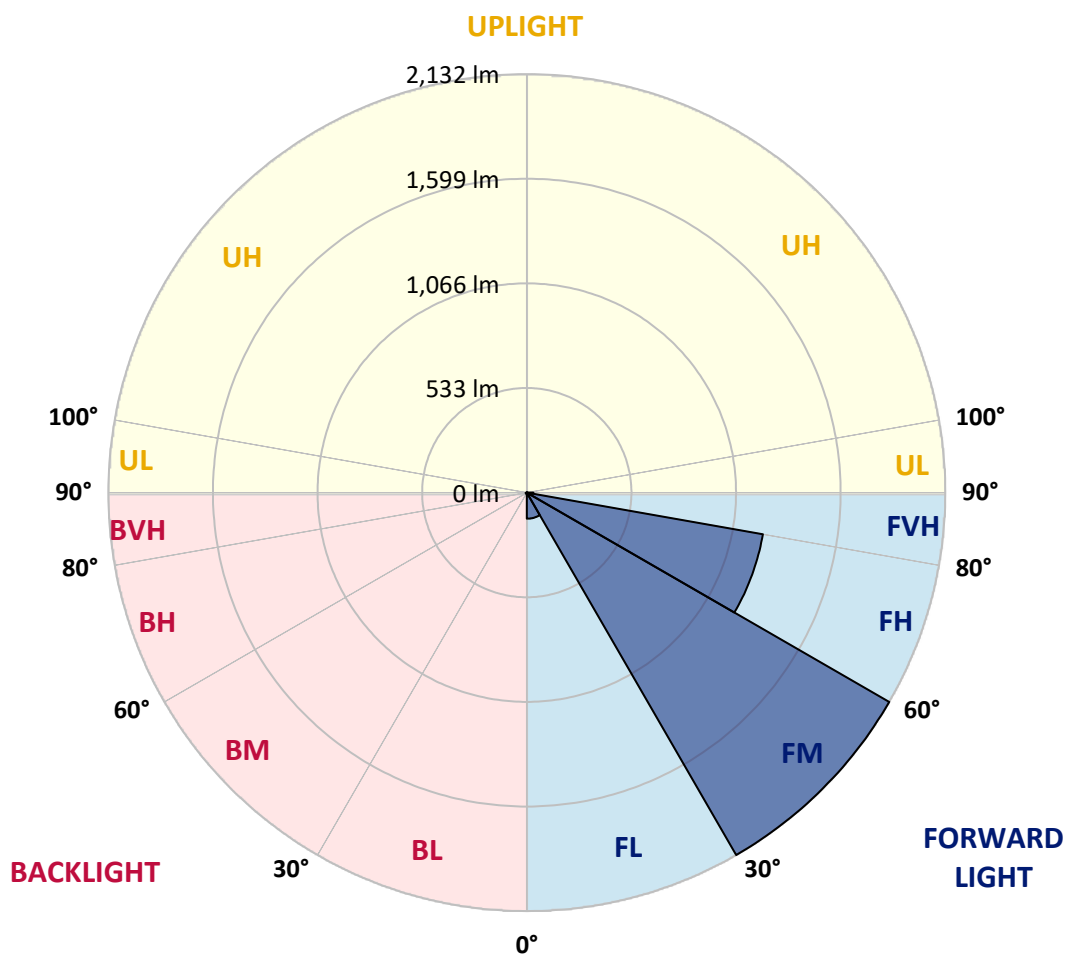
CATALOG NUMBER: GALN-SA1A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	132.8	3.8			
FM	(30°-60°)	2131.9	60.3			
FH	(60°-80°)	1221.3	34.6			G1/1800
FVH	(80°-90°)	33.8	1.0			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	5.7	0.2	B0/220		
BH	(60°-80°)	5.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type II Short



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CATALOG NUMBER: GALN-SA1A-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2.5°	26.3	26.5	26.0	25.0	24.3	24.3	24.1	23.3	23.3	22.6	22.1
5°	36.7	36.2	35.3	33.3	31.6	29.9	28.2	26.5	26.3	24.1	22.6
7.5°	60.1	60.5	57.4	51.3	46.2	39.6	33.6	29.9	29.4	25.8	22.9
10°	131.8	128.1	120.9	97.3	80.0	60.3	44.7	34.8	34.3	27.7	23.3
12.5°	240.2	237.3	224.0	199.6	155.1	108.0	65.4	43.0	41.6	29.4	23.6
15°	346.3	341.6	334.3	309.8	257.8	193.6	107.0	58.8	55.0	31.9	23.3
17.5°	413.9	414.6	408.0	397.6	364.0	286.4	184.8	87.8	80.2	36.2	22.9
20°	473.0	471.2	474.9	469.3	445.7	389.3	268.9	139.1	126.2	43.3	23.1
22.5°	541.0	545.2	547.8	546.6	520.6	472.5	364.5	208.1	191.9	56.2	23.8
25°	632.2	631.7	632.0	628.8	603.5	550.0	460.3	294.0	277.4	77.1	25.5
27.5°	727.8	730.7	731.9	720.5	687.4	634.9	549.1	387.8	368.4	110.6	27.7
30°	858.4	855.9	850.3	827.0	786.9	721.7	636.6	486.3	465.9	157.6	31.1
32.5°	1034.4	1031.7	1003.5	952.0	891.9	812.2	724.6	585.0	560.2	216.2	35.7
35°	1324.5	1328.6	1259.3	1125.8	1018.1	920.9	822.1	683.3	661.4	288.4	42.1
37.5°	1768.8	1746.1	1652.0	1416.2	1184.2	1056.5	915.3	782.5	763.5	377.4	50.3
40°	2200.4	2178.0	2150.8	1927.3	1472.8	1206.1	1045.6	899.0	874.4	477.8	62.5
42.5°	2654.1	2641.7	2640.5	2472.0	1999.5	1441.2	1202.4	1035.4	1014.5	588.0	82.4
45°	2975.6	2963.2	2989.2	3018.6	2716.8	1945.1	1475.5	1212.6	1182.3	721.7	114.3
47.5°	3018.9	3019.3	3088.9	3181.0	3249.9	2724.4	1839.3	1447.5	1410.6	913.1	167.8
50°	2874.9	2880.5	2991.1	3156.0	3341.3	3378.2	2480.7	1788.5	1733.7	1139.9	243.6
52.5°	2600.9	2607.2	2761.3	3032.5	3257.2	3535.3	3236.0	2234.4	2171.4	1423.0	350.6
55°	2354.1	2357.9	2534.7	2877.3	3155.8	3450.0	3684.4	2829.9	2747.2	1771.2	456.2
57.5°	2109.7	2100.7	2215.7	2607.9	3138.5	3345.2	3750.5	3508.6	3417.4	2151.7	538.4
60°	1782.9	1767.8	1860.2	2109.7	2911.4	3414.0	3626.8	3884.0	3863.4	2681.6	601.8
61°	1594.9	1588.6	1681.5	1895.4	2720.3	3396.5	3597.1	3899.8	3902.0	2932.3	630.3
62.5°	1139.0	1157.0	1299.0	1577.1	2278.4	3282.9	3601.0	3851.0	3872.6	3265.4	704.0
65°	506.3	535.2	645.6	872.0	1325.0	2731.0	3566.5	3743.7	3733.0	3356.9	957.8
67.5°	300.3	304.7	359.6	494.1	701.8	1468.9	3147.2	3602.0	3587.6	2922.3	1191.7
70°	236.6	238.8	256.3	310.0	407.3	562.7	1796.2	3116.4	3178.9	2369.6	1166.7
72.5°	224.4	224.0	226.4	235.9	256.5	279.1	695.4	2071.5	2198.7	1706.5	978.2
75°	221.5	220.5	218.1	214.5	185.8	164.4	215.4	916.2	989.9	1166.0	736.5
77.5°	215.0	215.2	215.7	205.7	159.3	116.2	104.3	294.0	361.6	739.9	523.5
80°	145.4	147.6	151.2	147.4	143.2	84.1	73.7	104.6	106.0	415.3	345.8
82.5°	73.7	73.7	72.0	64.2	55.4	54.7	58.6	75.9	76.8	210.1	162.7
85°	44.5	46.9	47.9	43.5	39.9	36.7	44.7	60.3	62.5	81.5	37.9
87.5°	10.0	10.2	11.2	14.8	21.6	29.4	41.6	55.2	56.2	52.3	4.6
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-SA1A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2.5°	21.9	21.4	21.2	20.4	19.7	19.0	18.5	18.2	18.5	18.7	18.7
5°	21.6	20.9	19.7	18.5	17.5	16.5	15.6	15.3	15.3	15.6	15.6
7.5°	21.6	20.4	18.7	17.3	15.8	14.3	13.6	13.1	13.4	13.4	13.4
10°	21.6	20.2	18.0	15.8	14.1	12.4	11.2	10.7	10.7	10.7	10.7
12.5°	21.4	19.9	17.3	14.6	12.2	10.2	8.8	8.0	8.3	8.3	8.3
15°	20.9	19.2	16.3	12.4	9.7	7.8	6.3	5.6	5.8	6.3	6.6
17.5°	20.2	18.5	14.6	10.5	7.8	5.8	4.4	3.9	4.1	4.9	4.9
20°	19.9	17.8	12.9	8.5	5.8	4.1	2.9	2.4	2.7	3.6	3.9
22.5°	19.9	17.3	11.7	7.1	4.4	2.7	1.7	1.0	1.0	1.7	1.7
25°	20.2	17.0	10.7	5.8	3.2	1.9	1.0	0.5	1.0	2.7	3.2
27.5°	20.7	16.8	10.2	4.9	2.4	1.7	0.7	1.7	2.9	2.9	2.9
30°	21.2	16.3	9.5	4.1	2.2	1.2	1.2	2.4	2.4	2.9	3.2
32.5°	21.9	16.0	9.0	3.6	1.7	1.0	1.7	1.5	1.5	1.7	1.9
35°	23.3	16.3	8.5	3.6	1.7	1.2	1.5	0.7	0.5	0.5	0.5
37.5°	25.3	16.5	7.8	3.2	1.5	1.5	0.7	0.0	0.0	0.0	0.0
40°	28.4	17.3	7.3	2.9	1.2	1.2	0.2	0.0	0.0	0.0	0.0
42.5°	33.8	18.7	7.1	2.7	1.2	1.0	0.0	0.0	0.0	0.0	0.0
45°	44.5	22.1	6.6	2.4	1.2	0.5	0.0	0.0	0.0	0.0	0.0
47.5°	64.0	30.2	6.3	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	93.4	40.9	6.1	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	119.1	43.0	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	122.1	29.7	3.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	97.3	19.2	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	73.7	14.6	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	70.8	13.1	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	78.1	11.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	126.9	9.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	220.5	8.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	278.7	7.8	1.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	242.9	7.1	1.5	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	146.1	6.1	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	76.6	4.6	1.5	1.2	0.7	0.2	0.0	0.0	0.0	0.0	0.0
80°	37.2	4.1	1.7	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
82.5°	14.6	3.4	1.9	1.7	1.2	0.7	0.2	0.0	0.0	0.0	0.0
85°	6.6	2.9	2.2	1.9	1.7	1.0	0.2	0.0	0.0	0.0	0.0
87.5°	3.4	2.7	2.4	2.2	1.7	1.2	0.5	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

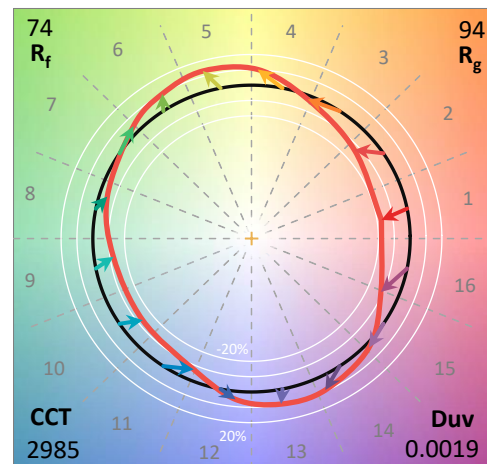
Test Information

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

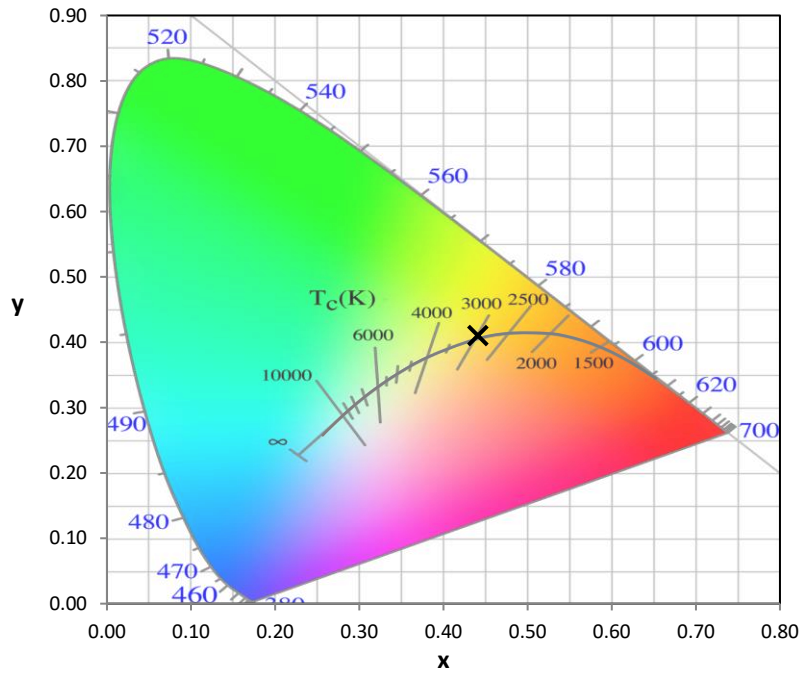
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

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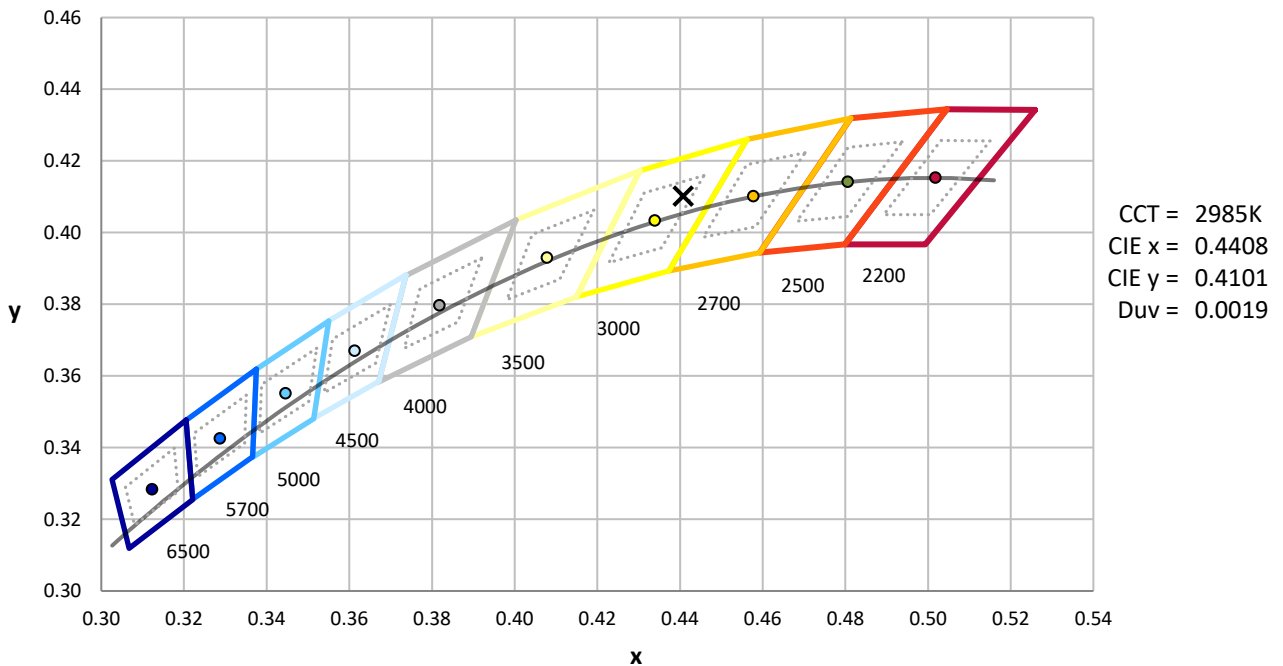
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



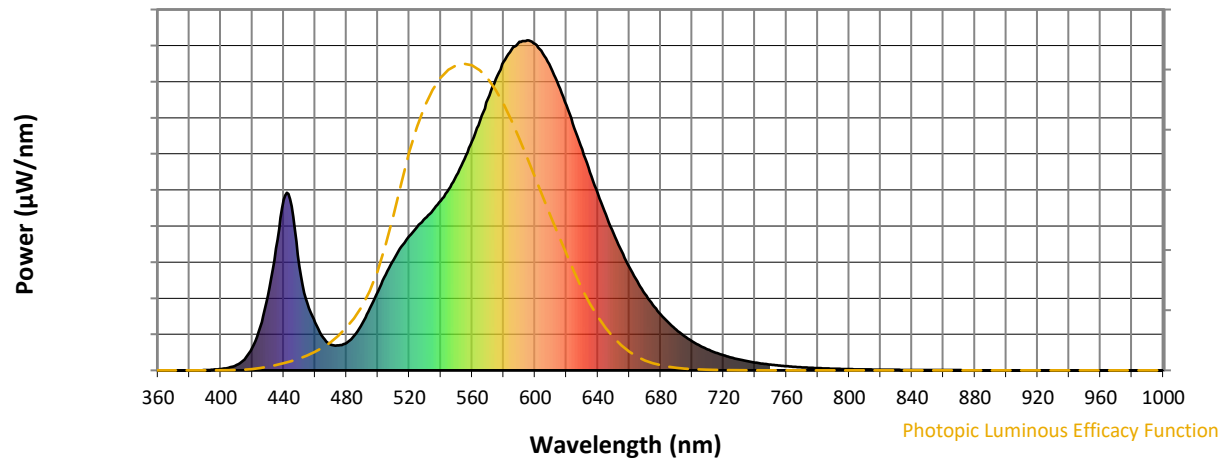
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

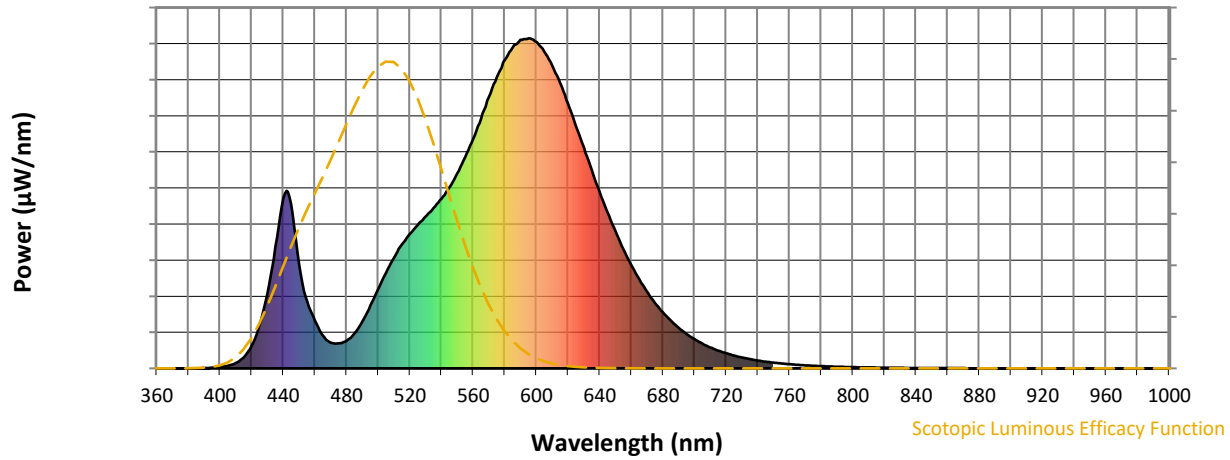


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



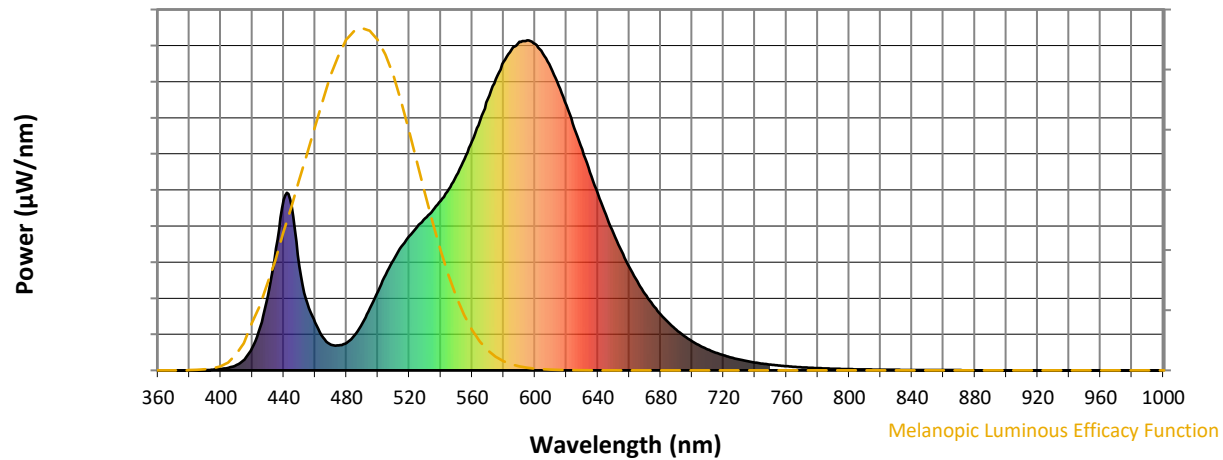
Scotopic Lumens: NR

S/P: 1.19

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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

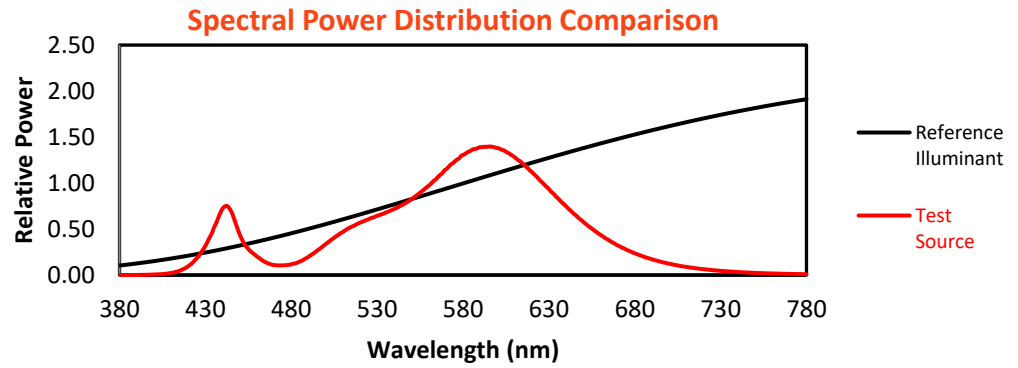
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	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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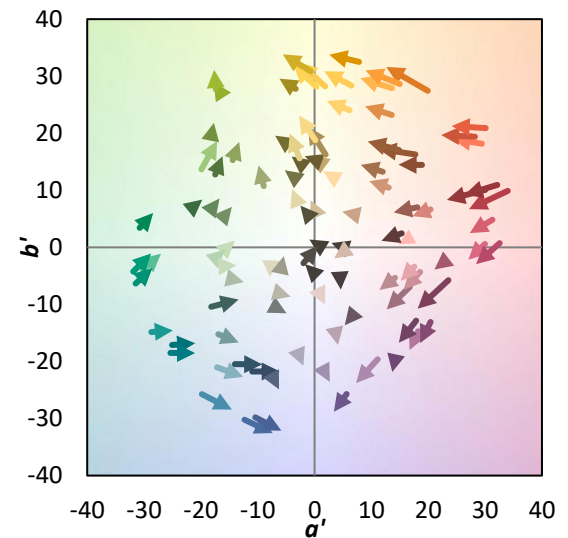
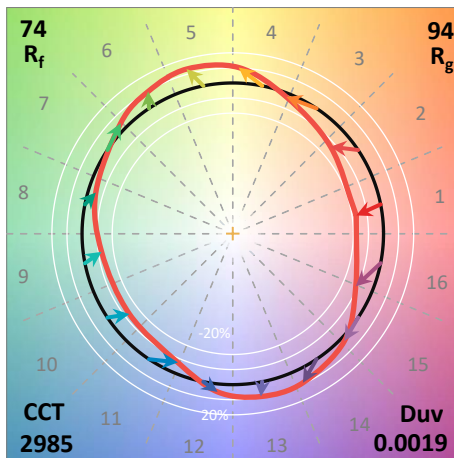
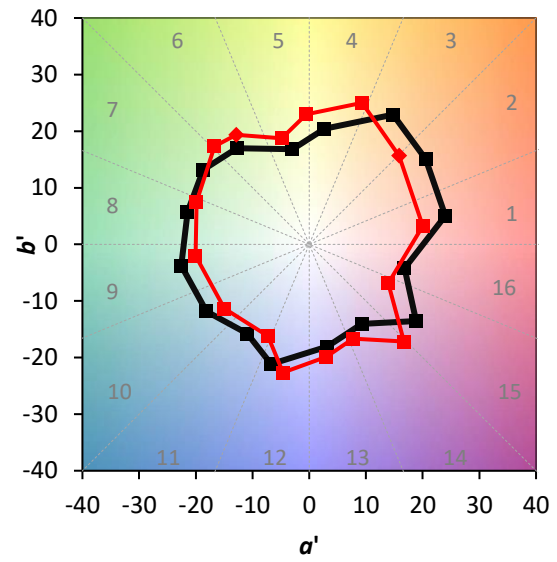
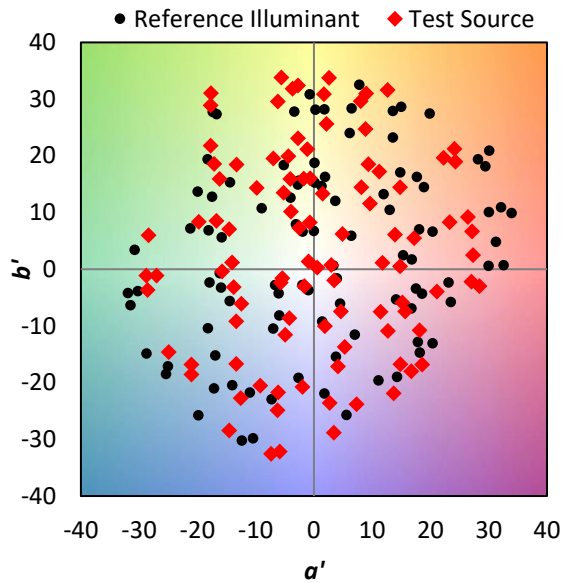
TM-30-18

Summary

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

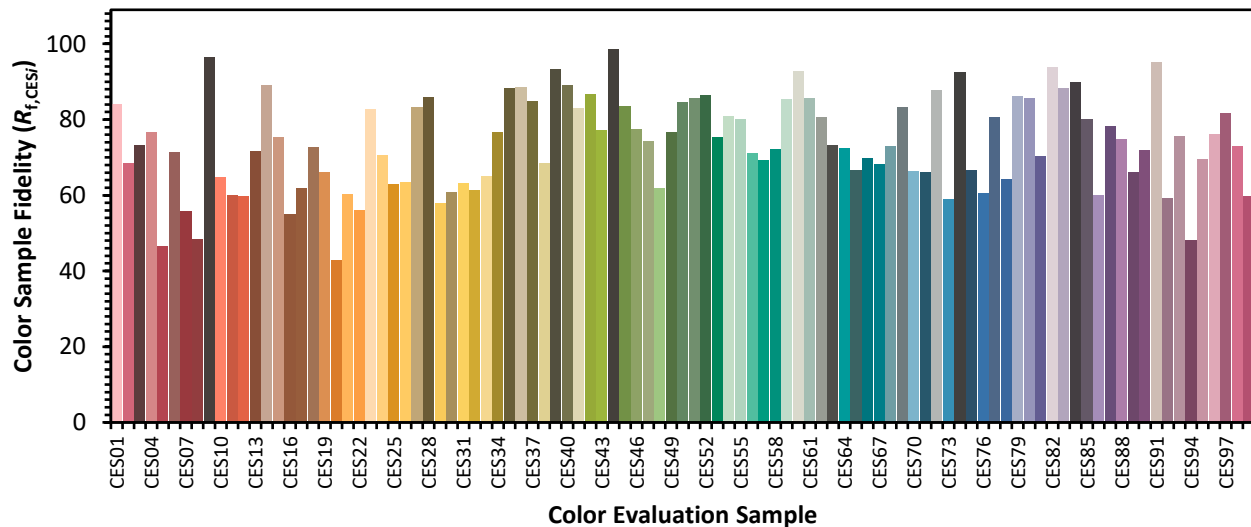


Color Vector Graphics

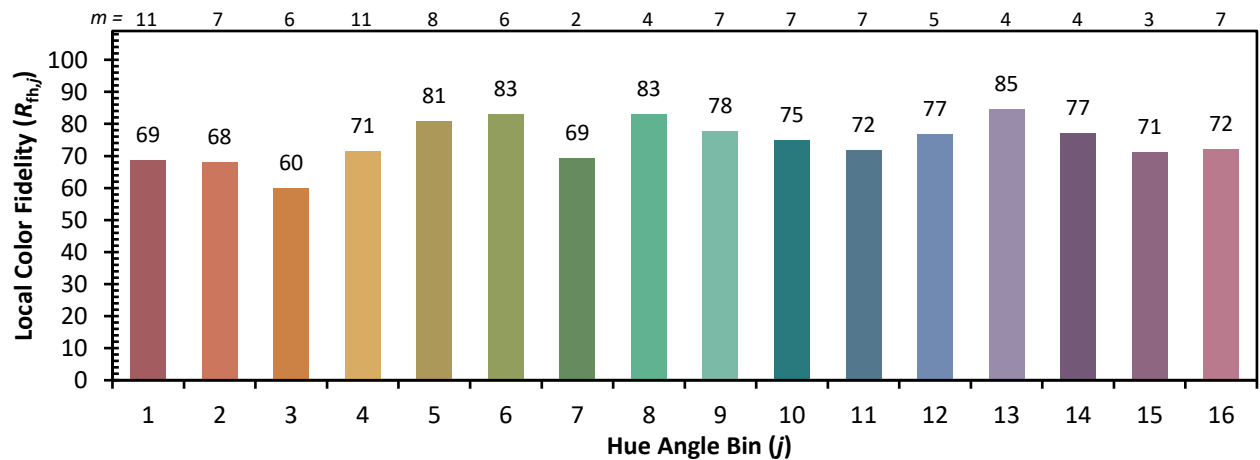
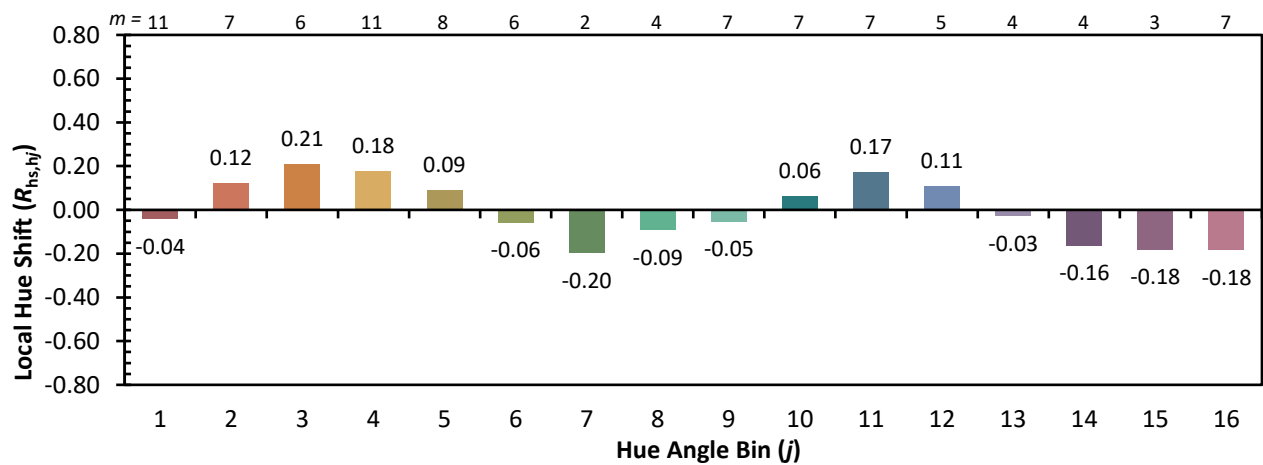
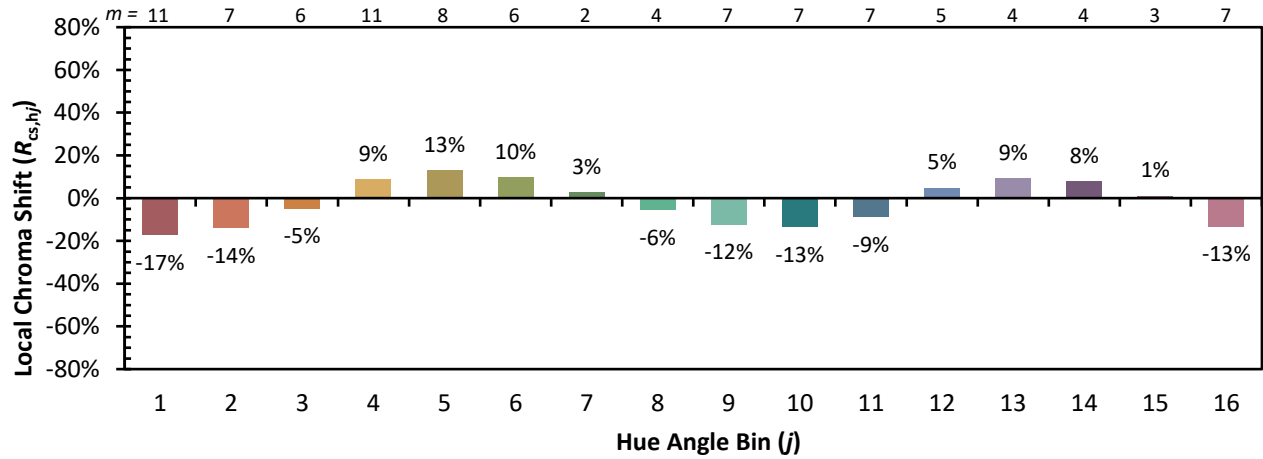


Individual Sample Fidelity Index ($R_{f,i}$)

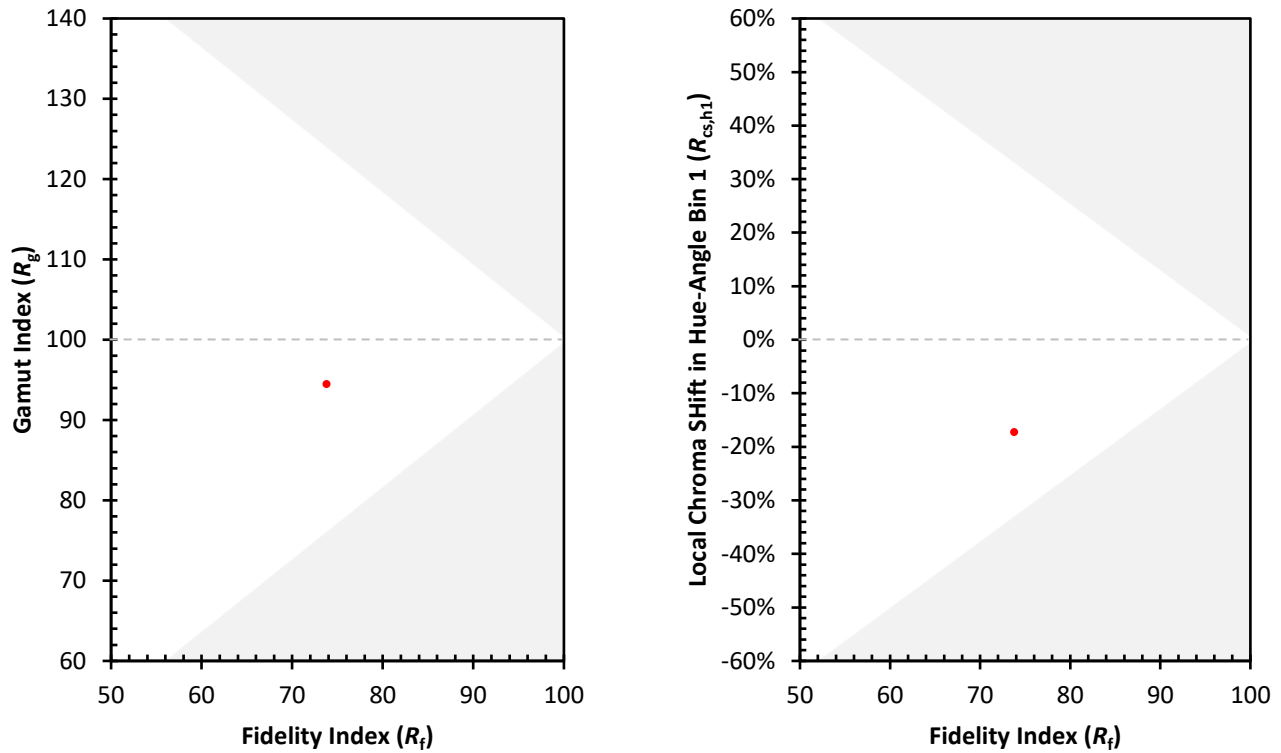
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)