

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: P1047773

Luminaire Tested: **GALN-SA2A-735-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047773
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-735-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7182.1 lumens
Efficiency: N/A
Efficacy: 128.7 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

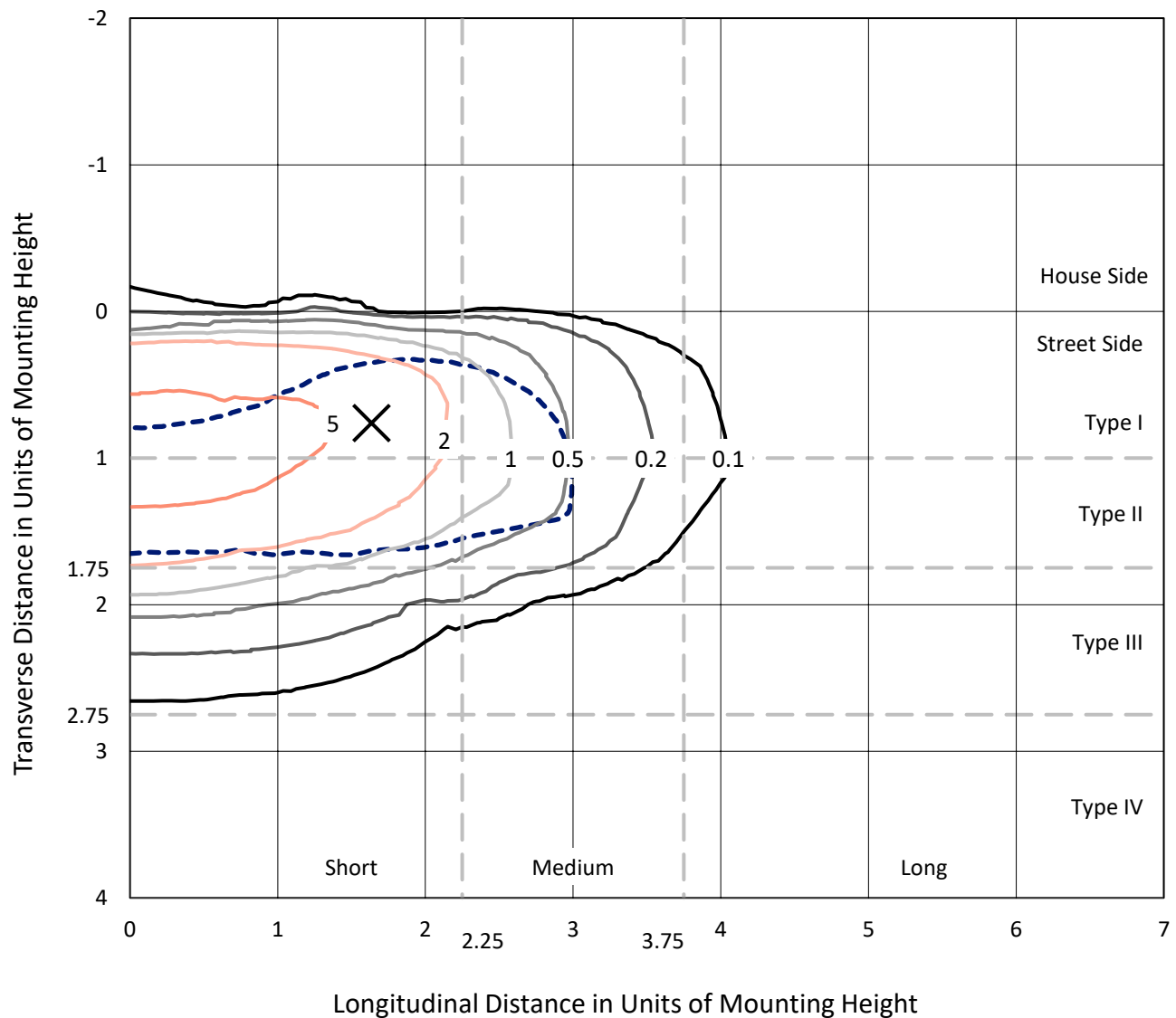


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

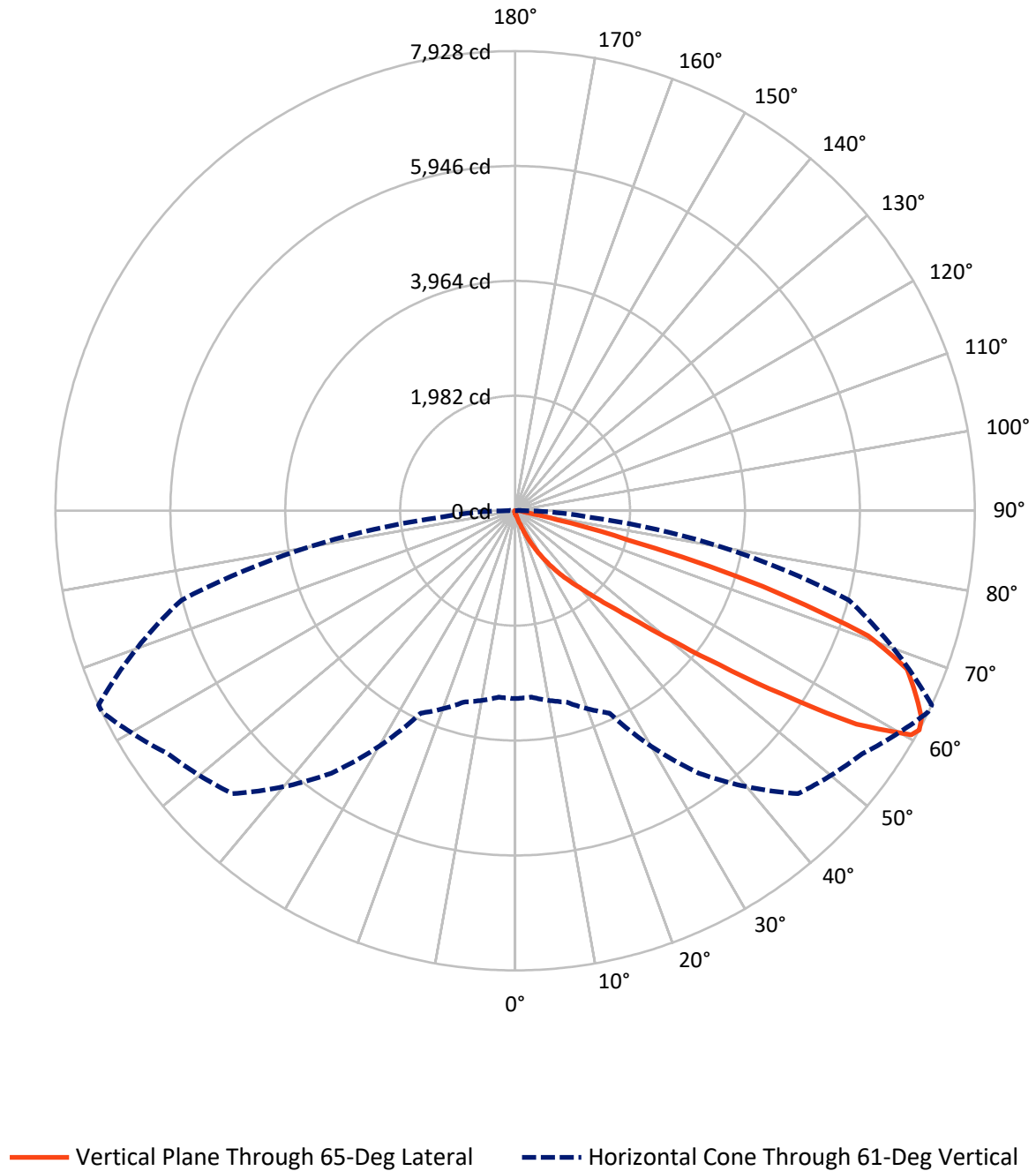


Based on 15 foot mounting height. Maximum calculated value = 9.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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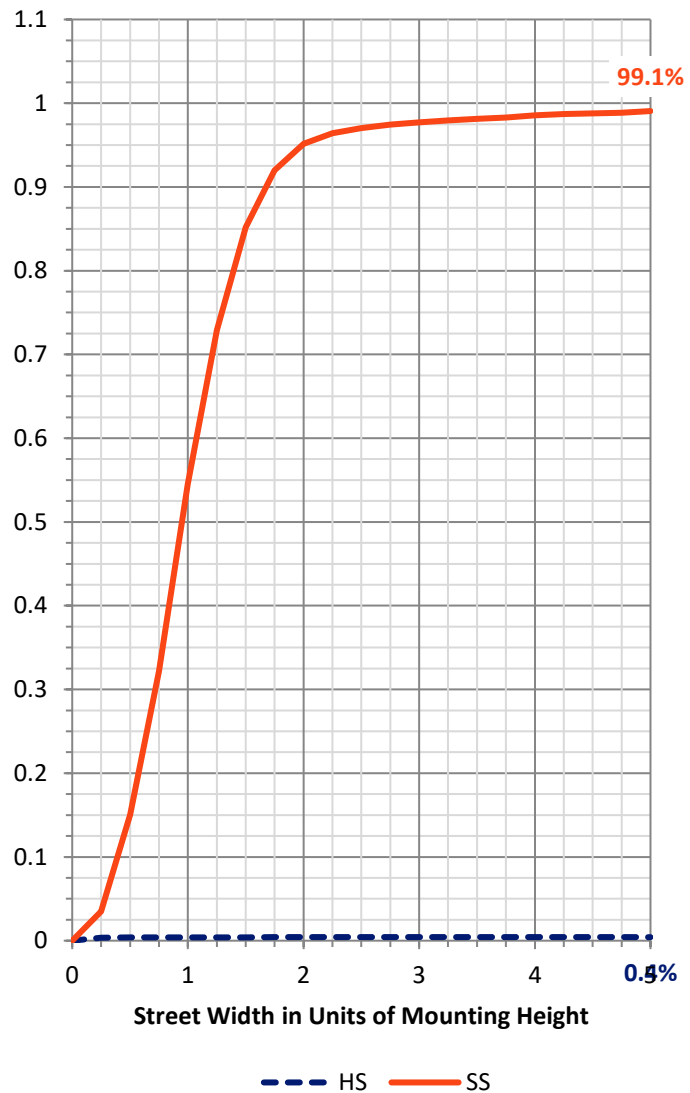
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.7	0.0	30.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7151.4	0.0	7151.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	7182.1	0.0	7182.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	59.1	0.8
20°-30°	212.0	3.0
30°-40°	564.3	7.9
40°-50°	1482.4	20.6
50°-60°	2296.5	32.0
60°-70°	1925.6	26.8
70°-80°	566.7	7.9
80°-90°	69.9	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°	7182.1	100.0
0°-180°	7182.1	100.0



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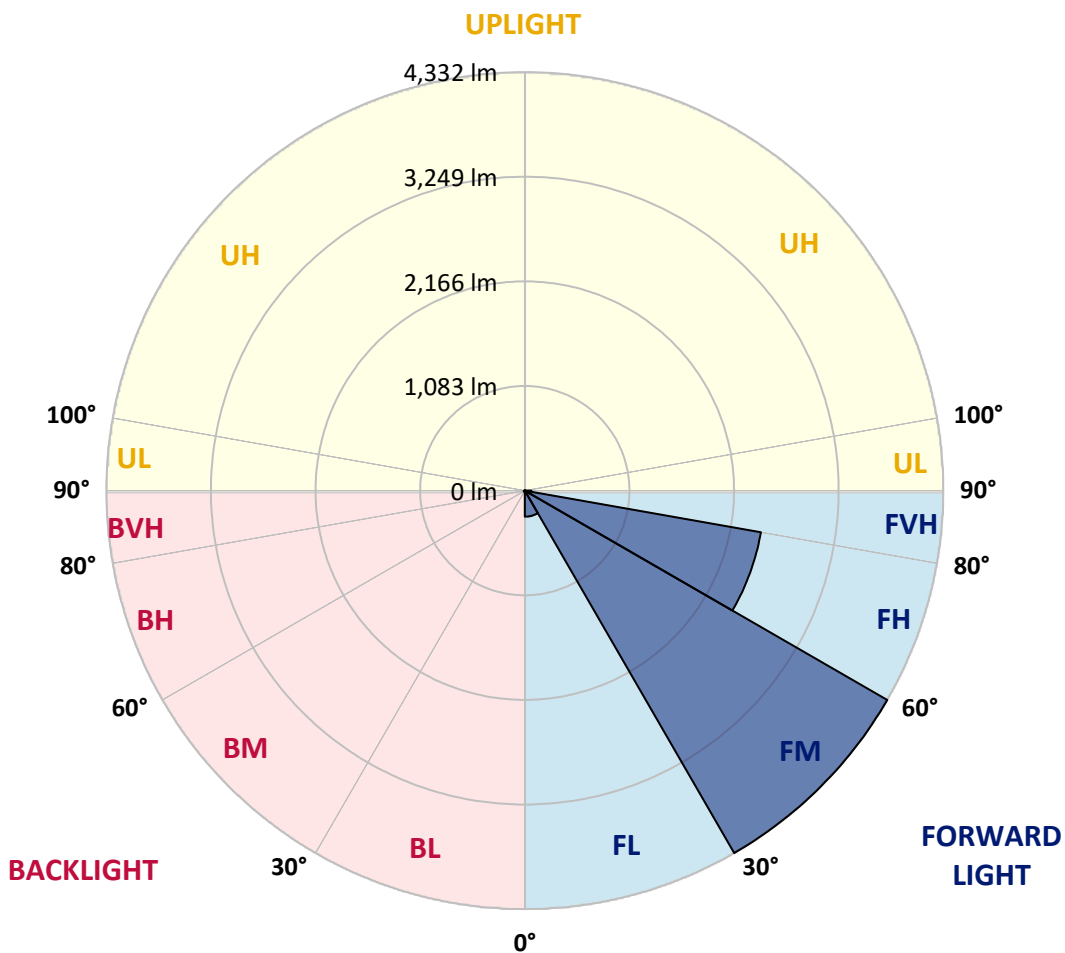
CATALOG NUMBER: GALN-SA2A-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	269.7	3.8			
FM	(30°-60°)	4331.6	60.3			
FH	(60°-80°)	2481.5	34.6			G2/5000
FVH	(80°-90°)	68.6	1.0			G1/100
BL	(0°-30°)	6.9	0.1	B0/110		
BM	(30°-60°)	11.7	0.2	B0/220		
BH	(60°-80°)	10.8	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-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
2.5°	53.4	53.9	52.9	50.9	49.4	49.4	48.9	47.4	47.4	45.9	45.0
5°	74.6	73.6	71.6	67.7	64.2	60.8	57.3	53.9	53.4	48.9	45.9
7.5°	122.0	123.0	116.6	104.2	93.9	80.5	68.2	60.8	59.8	52.4	46.4
10°	267.8	260.4	245.5	197.6	162.5	122.5	90.9	70.6	69.7	56.3	47.4
12.5°	488.1	482.2	455.0	405.6	315.2	219.4	132.9	87.4	84.5	59.8	47.9
15°	703.5	694.1	679.3	629.4	523.7	393.3	217.4	119.6	111.7	64.7	47.4
17.5°	840.9	842.4	829.0	807.8	739.6	582.0	375.5	178.4	163.0	73.6	46.4
20°	960.9	957.5	964.9	953.5	905.6	791.0	546.4	282.6	256.4	87.9	46.9
22.5°	1099.3	1107.7	1113.1	1110.6	1057.8	959.9	740.6	422.9	389.8	114.1	48.4
25°	1284.5	1283.5	1284.0	1277.6	1226.2	1117.5	935.2	597.3	563.7	156.6	51.9
27.5°	1478.7	1484.6	1487.1	1463.9	1396.7	1290.0	1115.6	788.0	748.5	224.8	56.3
30°	1744.0	1739.1	1727.7	1680.3	1598.7	1466.3	1293.4	988.1	946.6	320.1	63.2
32.5°	2101.7	2096.3	2038.9	1934.2	1812.2	1650.1	1472.3	1188.7	1138.3	439.2	72.6
35°	2691.1	2699.5	2558.7	2287.4	2068.6	1871.0	1670.4	1388.3	1343.8	585.9	85.5
37.5°	3593.7	3547.8	3356.6	2877.3	2406.0	2146.6	1859.6	1589.8	1551.3	766.8	102.3
40°	4470.7	4425.2	4369.9	3915.8	2992.5	2450.5	2124.4	1826.5	1776.6	970.8	127.0
42.5°	5392.5	5367.3	5364.9	5022.5	4062.6	2928.2	2443.1	2103.7	2061.2	1194.6	167.5
45°	6045.7	6020.5	6073.3	6133.1	5520.0	3951.9	2997.9	2463.8	2402.1	1466.3	232.2
47.5°	6133.6	6134.6	6275.9	6463.2	6603.0	5535.3	3737.0	2941.1	2866.0	1855.2	340.9
50°	5841.1	5852.5	6077.3	6412.3	6788.7	6863.8	5040.3	3633.7	3522.6	2316.1	495.0
52.5°	5284.3	5297.2	5610.4	6161.3	6617.8	7183.0	6574.8	4539.8	4411.9	2891.2	712.4
55°	4782.9	4790.8	5150.0	5846.1	6411.8	7009.6	7485.8	5749.7	5581.8	3598.7	926.8
57.5°	4286.4	4268.1	4501.8	5298.7	6376.7	6796.6	7620.2	7128.6	6943.4	4371.8	1093.8
60°	3622.4	3591.7	3779.5	4286.4	5915.2	6936.4	7368.7	7891.4	7849.5	5448.4	1222.8
61°	3240.5	3227.6	3416.3	3851.1	5526.9	6900.9	7308.5	7923.6	7928.0	5957.7	1280.6
62.5°	2314.1	2350.7	2639.2	3204.4	4629.2	6670.2	7316.4	7824.3	7868.2	6634.6	1430.3
65°	1028.6	1087.4	1311.7	1771.7	2692.1	5548.7	7246.2	7606.4	7584.6	6820.3	1946.1
67.5°	610.2	619.0	730.7	1003.9	1425.8	2984.6	6394.5	7318.3	7289.2	5937.5	2421.3
70°	480.7	485.2	520.7	629.9	827.5	1143.2	3649.5	6331.7	6458.7	4814.5	2370.4
72.5°	456.0	455.0	460.0	479.2	521.2	567.2	1413.0	4208.8	4467.2	3467.2	1987.6
75°	450.1	448.1	443.2	435.8	377.5	334.0	437.7	1861.6	2011.3	2369.0	1496.5
77.5°	436.7	437.2	438.2	418.0	323.6	236.2	211.9	597.3	734.7	1503.4	1063.7
80°	295.4	299.9	307.3	299.4	291.0	170.9	149.7	212.4	215.4	843.8	702.5
82.5°	149.7	149.7	146.2	130.4	112.6	111.2	119.1	154.1	156.1	426.9	330.5
85°	90.4	95.4	97.3	88.4	81.0	74.6	90.9	122.5	127.0	165.5	77.1
87.5°	20.3	20.8	22.7	30.1	44.0	59.8	84.5	112.1	114.1	106.2	9.4
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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CATALOG NUMBER: GALN-SA2A-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
2.5°	44.5	43.5	43.0	41.5	40.0	38.5	37.5	37.1	37.5	38.0	38.0
5°	44.0	42.5	40.0	37.5	35.6	33.6	31.6	31.1	31.1	31.6	31.6
7.5°	44.0	41.5	38.0	35.1	32.1	29.1	27.7	26.7	27.2	27.2	27.2
10°	44.0	41.0	36.6	32.1	28.7	25.2	22.7	21.7	21.7	21.7	21.7
12.5°	43.5	40.5	35.1	29.6	24.7	20.8	17.8	16.3	16.8	16.8	16.8
15°	42.5	39.0	33.1	25.2	19.8	15.8	12.8	11.4	11.9	12.8	13.3
17.5°	41.0	37.5	29.6	21.2	15.8	11.9	8.9	7.9	8.4	9.9	9.9
20°	40.5	36.1	26.2	17.3	11.9	8.4	5.9	4.9	5.4	7.4	7.9
22.5°	40.5	35.1	23.7	14.3	8.9	5.4	3.5	2.0	2.0	3.5	3.5
25°	41.0	34.6	21.7	11.9	6.4	4.0	2.0	1.0	2.0	5.4	6.4
27.5°	42.0	34.1	20.8	9.9	4.9	3.5	1.5	3.5	5.9	5.9	5.9
30°	43.0	33.1	19.3	8.4	4.4	2.5	2.5	4.9	4.9	5.9	6.4
32.5°	44.5	32.6	18.3	7.4	3.5	2.0	3.5	3.0	3.0	3.5	4.0
35°	47.4	33.1	17.3	7.4	3.5	2.5	3.0	1.5	1.0	1.0	1.0
37.5°	51.4	33.6	15.8	6.4	3.0	3.0	1.5	0.0	0.0	0.0	0.0
40°	57.8	35.1	14.8	5.9	2.5	2.5	0.5	0.0	0.0	0.0	0.0
42.5°	68.7	38.0	14.3	5.4	2.5	2.0	0.0	0.0	0.0	0.0	0.0
45°	90.4	45.0	13.3	4.9	2.5	1.0	0.0	0.0	0.0	0.0	0.0
47.5°	129.9	61.3	12.8	4.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
50°	189.7	83.0	12.4	3.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	242.1	87.4	8.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	248.0	60.3	6.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	197.6	39.0	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	149.7	29.6	4.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	143.8	26.7	4.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	158.6	23.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	257.9	19.3	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	448.1	16.8	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	566.2	15.8	3.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	493.6	14.3	3.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	296.9	12.4	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	155.6	9.4	3.0	2.5	1.5	0.5	0.0	0.0	0.0	0.0	0.0
80°	75.6	8.4	3.5	2.5	2.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.6	6.9	4.0	3.5	2.5	1.5	0.5	0.0	0.0	0.0	0.0
85°	13.3	5.9	4.4	4.0	3.5	2.0	0.5	0.0	0.0	0.0	0.0
87.5°	6.9	5.4	4.9	4.4	3.5	2.5	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

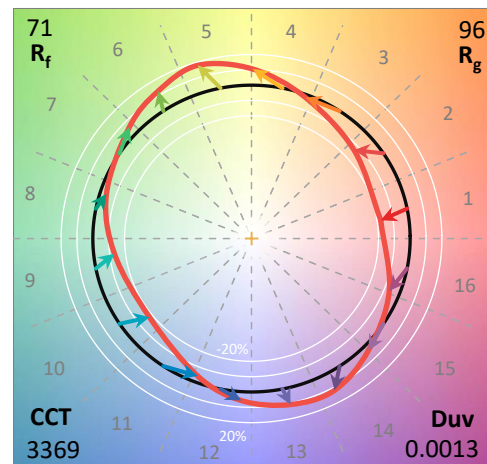
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

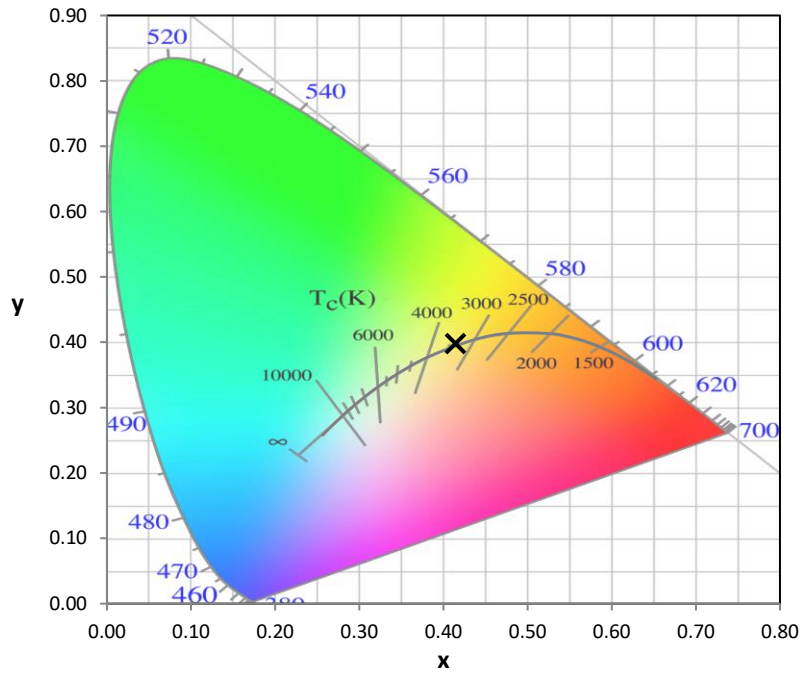
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

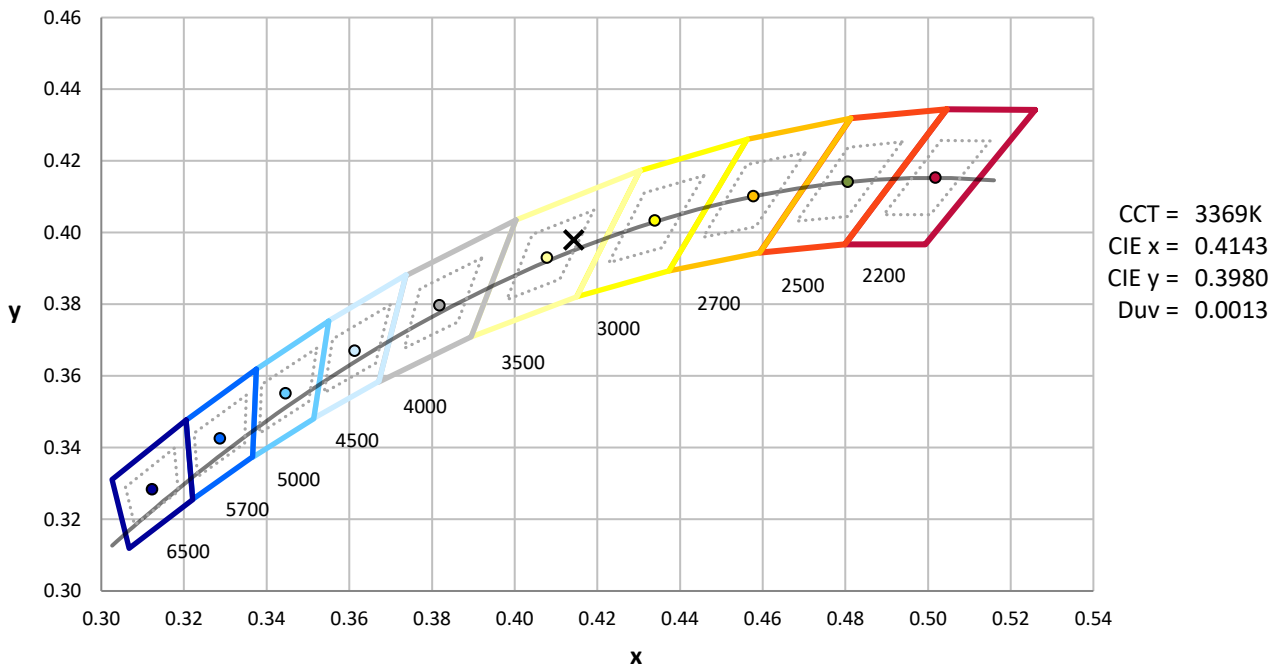
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



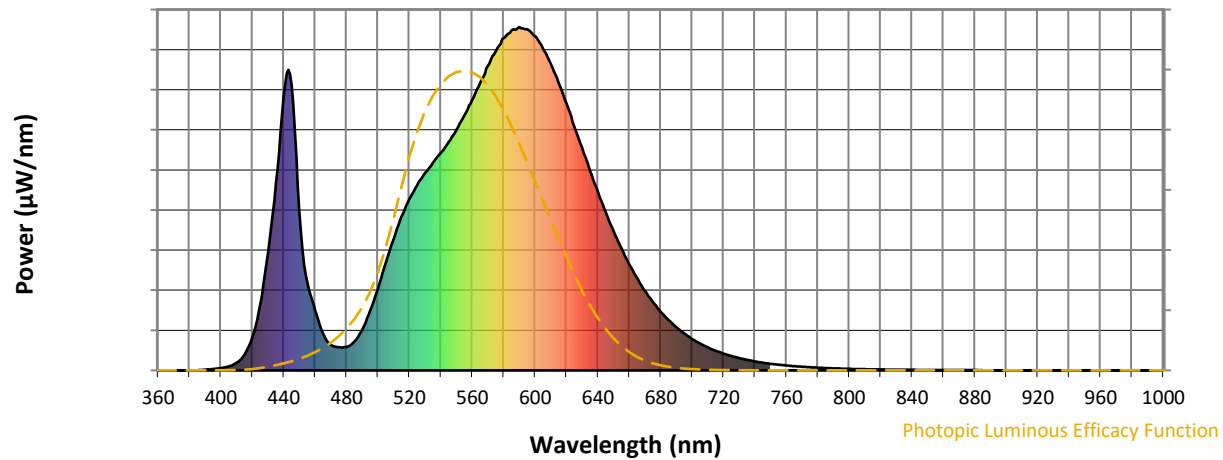
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

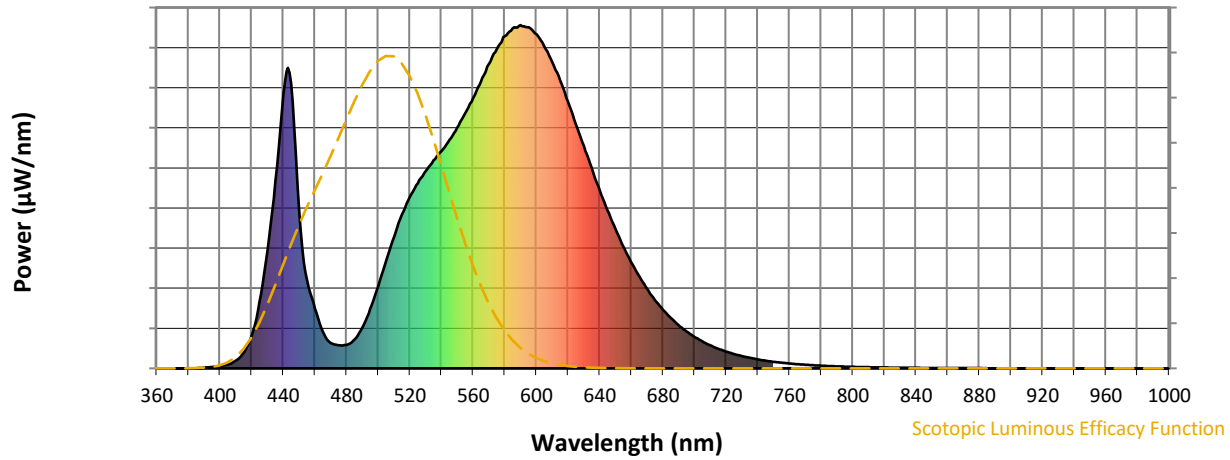


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



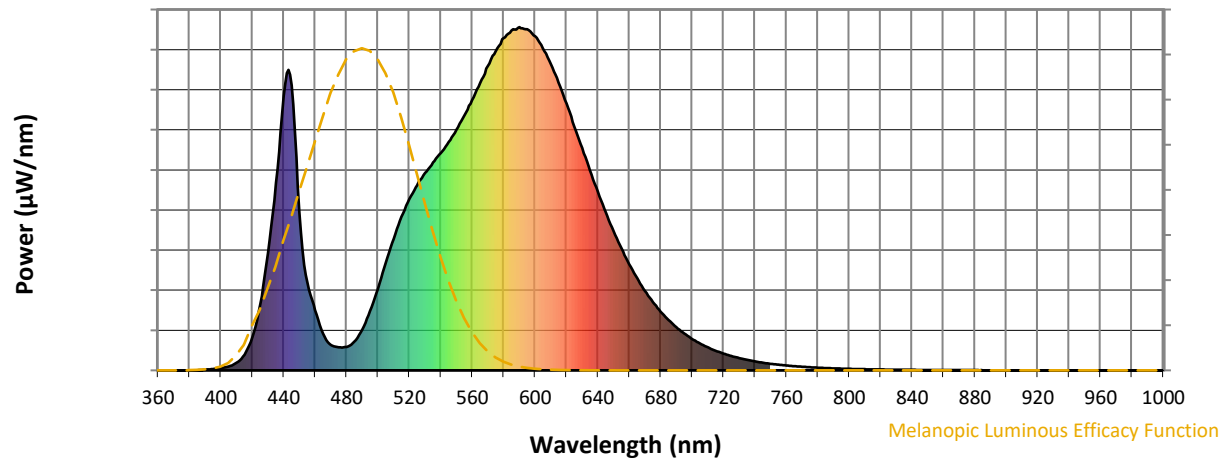
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

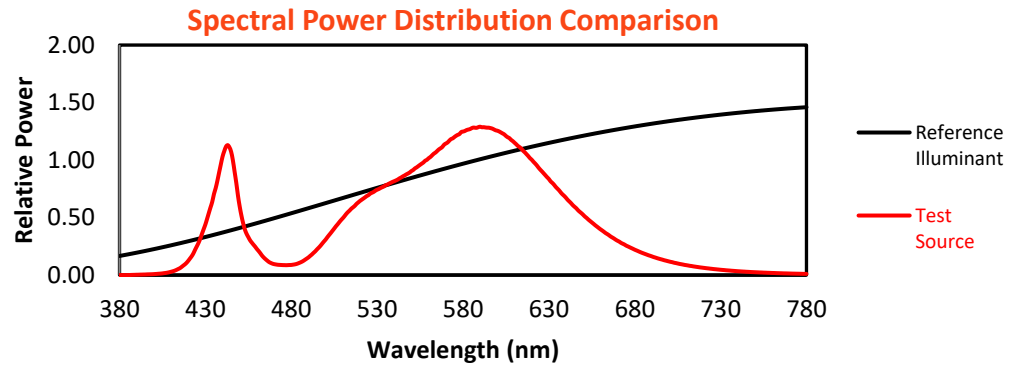
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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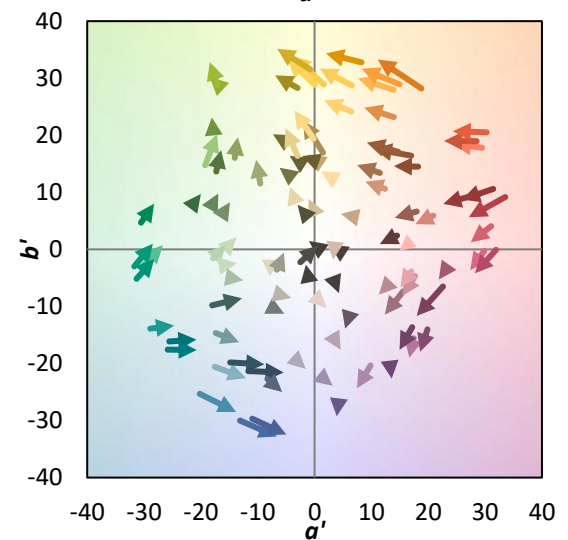
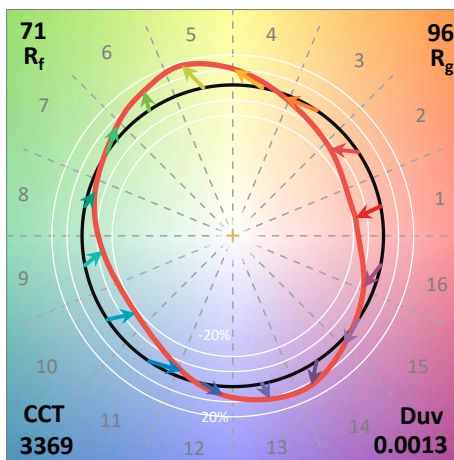
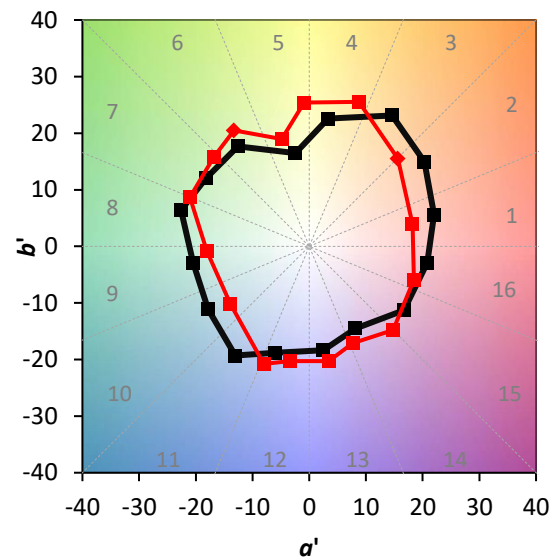
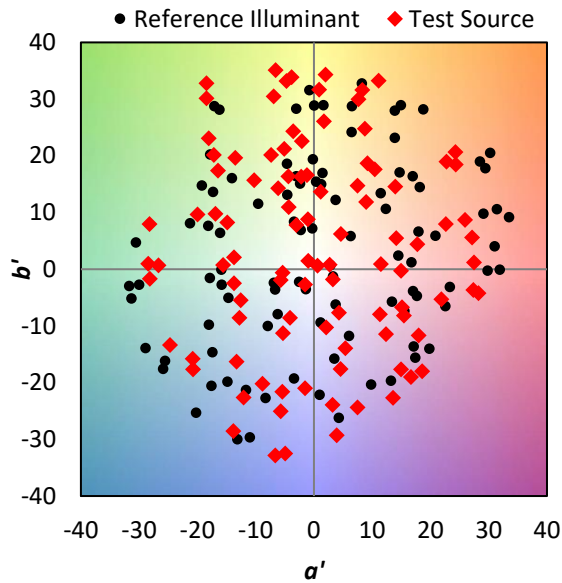
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

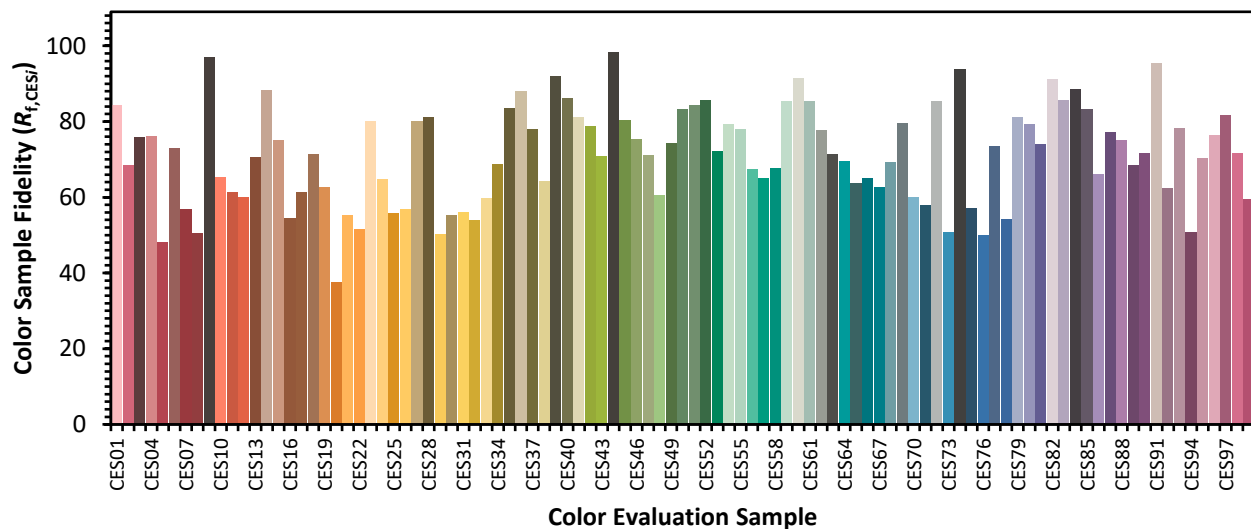


Color Vector Graphics

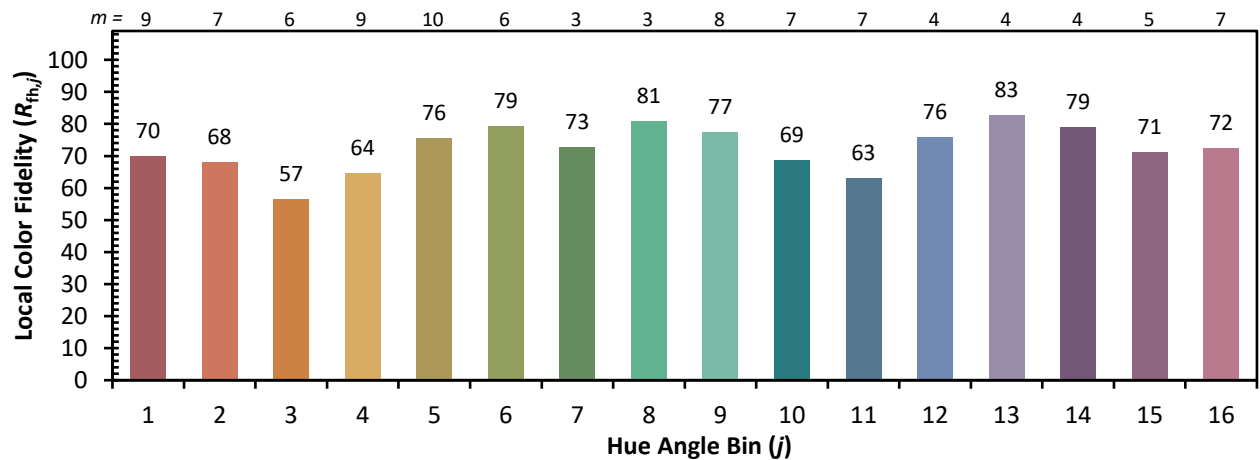
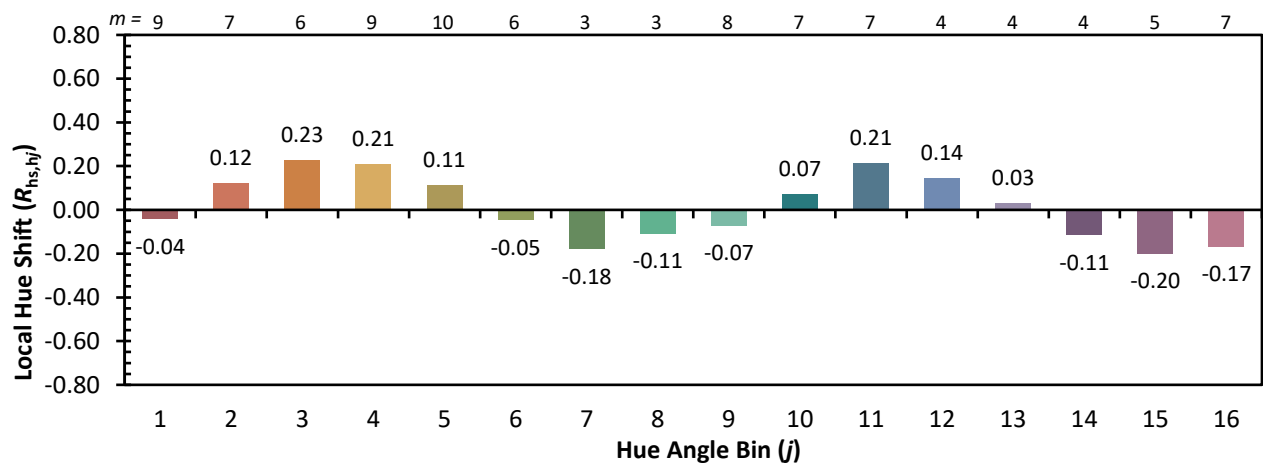
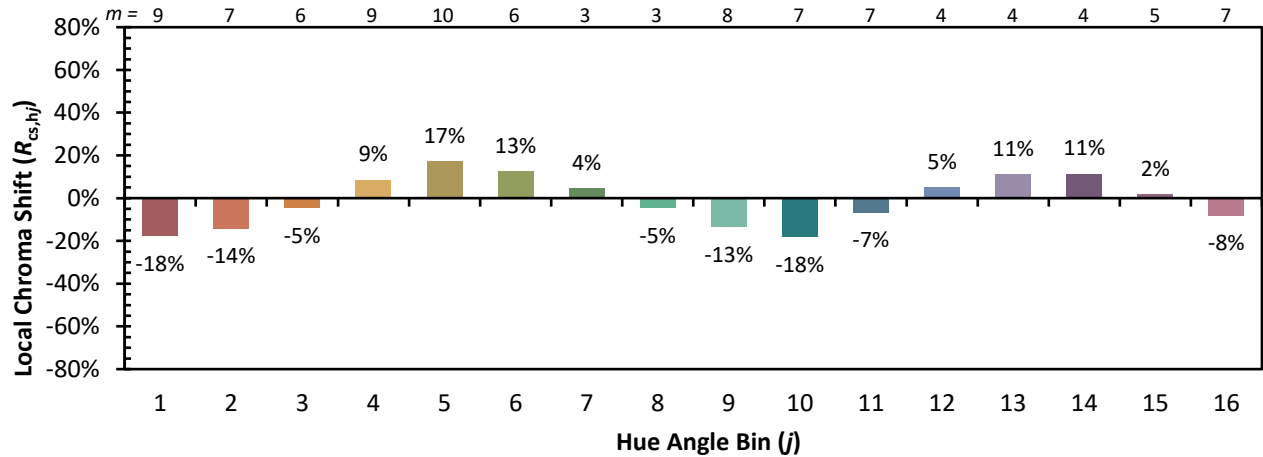


Individual Sample Fidelity Index ($R_{f,i}$)

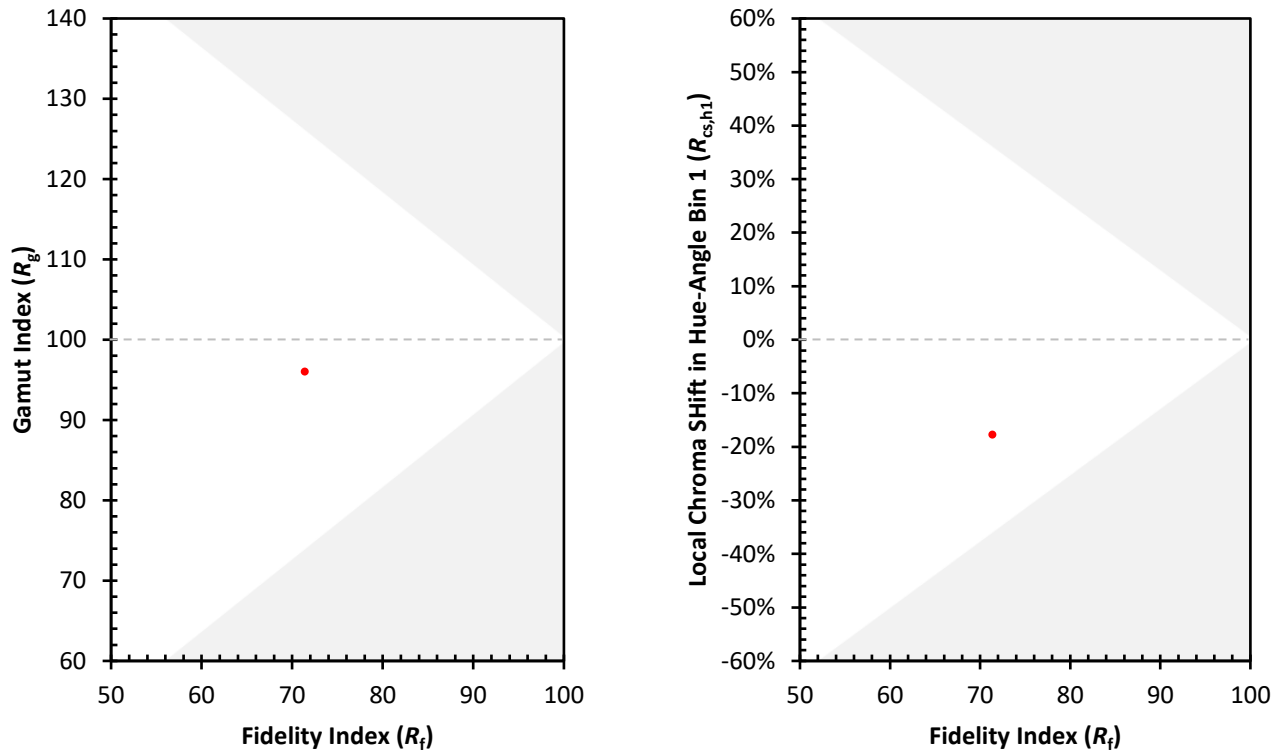
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)