

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: P1048387

Luminaire Tested: **GALN-SA2C-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048387
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11325.2 lumens
Efficiency: N/A
Efficacy: 117.7 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): 96.2
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

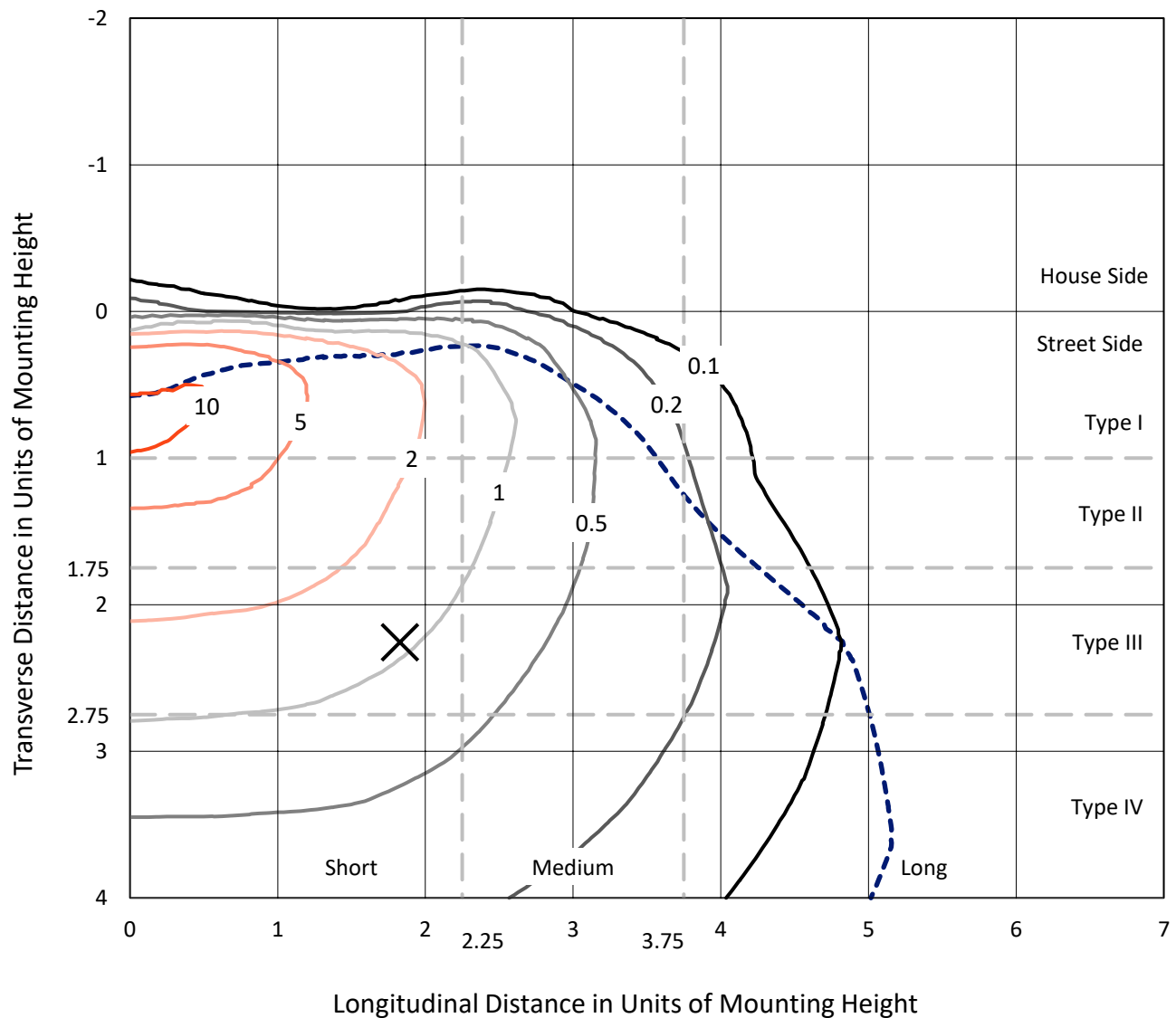


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CATALOG NUMBER: GALN-SA2C-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

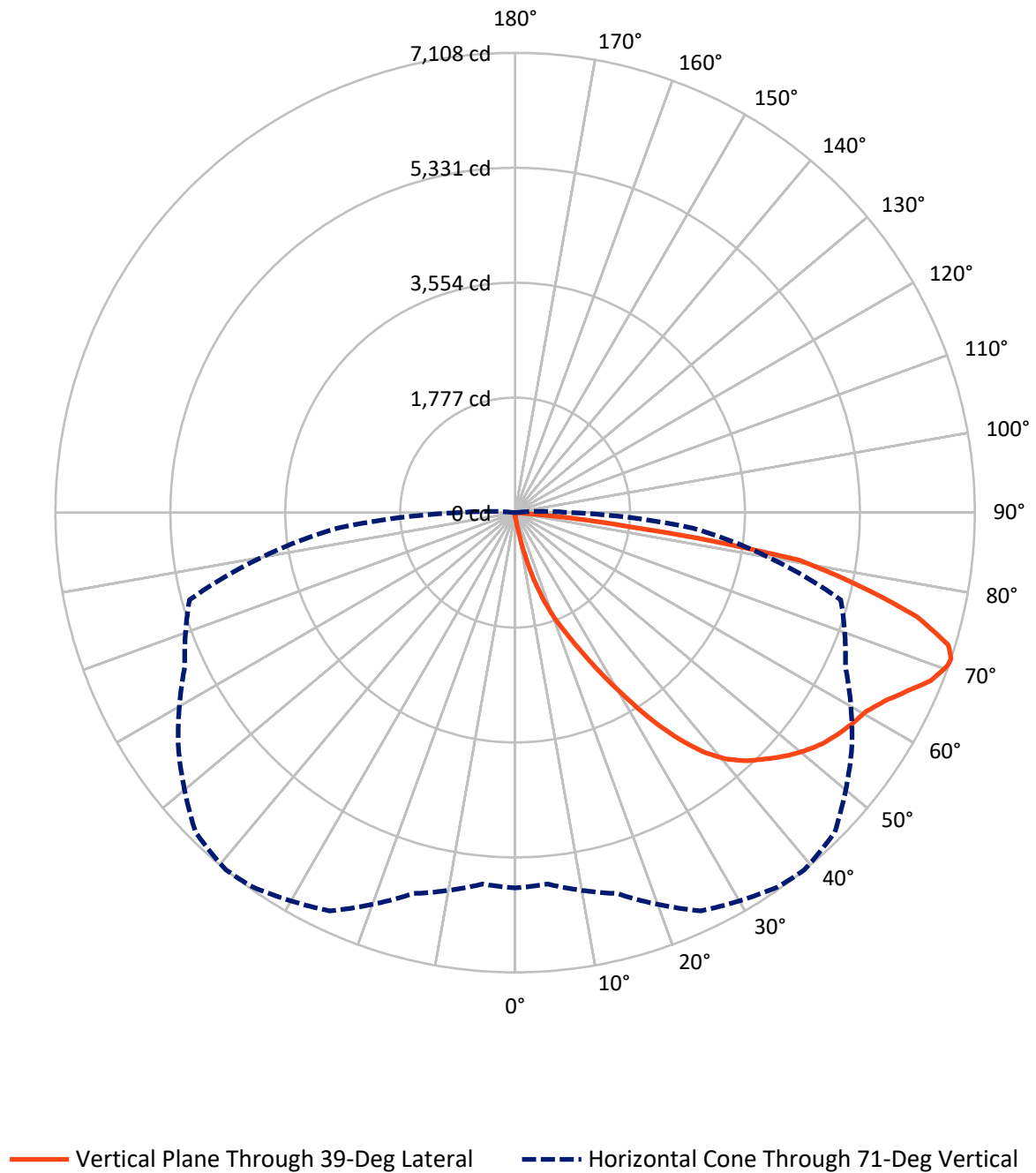


Based on 15 foot mounting height. Maximum calculated value = 11.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	40.2	0.0	40.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11285.0	0.0	11285.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	11325.2	0.0	11325.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.5	0.1
10°-20°	121.0	1.1
20°-30°	431.1	3.8
30°-40°	1038.9	9.2
40°-50°	1738.7	15.4
50°-60°	2233.1	19.7
60°-70°	2826.1	25.0
70°-80°	2519.6	22.2
80°-90°	407.3	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°	11325.2	100.0
0°-180°	11325.2	100.0



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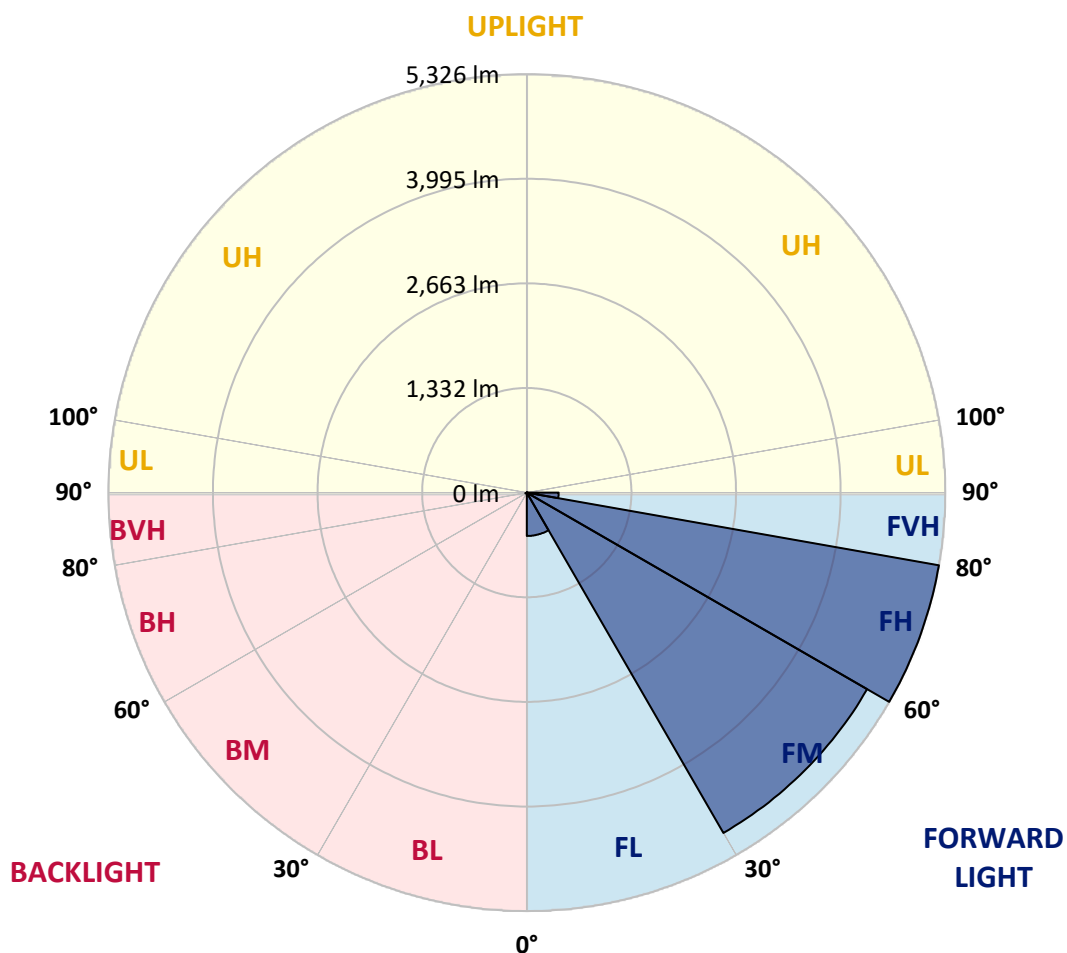
CATALOG NUMBER: GALN-SA2C-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	551.8	4.9			
FM	(30°-60°)	5001.4	44.2			
FH	(60°-80°)	5326.3	47.0			G3/7500
FVH	(80°-90°)	405.4	3.6			G3/500
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	9.3	0.1	B0/220		
BH	(60°-80°)	19.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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°	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
2.5°	71.3	71.3	71.3	69.0	69.0	68.2	67.5	67.5	65.9	65.2	63.6
5°	108.1	105.8	100.4	97.4	91.2	87.4	83.6	78.2	72.8	69.0	64.4
7.5°	244.6	249.9	232.3	199.3	165.6	151.0	126.5	102.0	84.3	72.8	65.2
10°	623.3	620.2	560.4	494.5	381.8	336.6	263.7	166.4	108.9	79.7	65.9
12.5°	1060.3	1057.2	986.7	897.0	748.3	654.0	516.0	310.5	156.4	90.5	65.9
15°	1427.5	1415.3	1393.0	1304.1	1130.1	1051.1	868.6	548.9	253.0	108.9	67.5
17.5°	1670.5	1659.8	1639.1	1606.9	1496.5	1403.0	1256.6	862.5	409.4	141.1	70.5
20°	1893.6	1886.0	1869.1	1863.0	1791.7	1741.8	1620.7	1222.8	637.9	191.7	75.1
22.5°	2200.3	2184.2	2191.1	2154.3	2084.5	2024.7	1950.4	1600.0	916.9	276.0	83.6
25°	2576.0	2568.3	2549.1	2523.1	2426.5	2374.3	2260.1	1955.7	1229.0	386.4	92.8
27.5°	3029.8	3021.4	3016.8	2957.0	2845.8	2789.1	2629.6	2291.5	1580.1	541.3	105.0
30°	3552.7	3556.5	3526.6	3450.0	3320.4	3240.7	3076.6	2643.4	1939.6	723.0	118.1
32.5°	4094.0	4086.3	4040.3	3949.8	3834.1	3759.7	3551.2	3029.1	2316.8	962.9	133.4
35°	4677.4	4662.8	4541.7	4438.2	4339.3	4245.8	4055.6	3476.8	2694.0	1232.0	154.1
37.5°	5266.2	5197.9	4954.9	4823.8	4755.6	4678.9	4501.8	3954.4	3068.9	1532.6	179.4
40°	5710.8	5657.9	5369.7	5128.2	5073.7	5008.6	4876.7	4366.9	3467.6	1855.3	210.1
42.5°	5956.9	5927.8	5668.7	5430.2	5302.2	5244.7	5132.0	4727.2	3861.7	2211.8	254.5
45°	6062.0	6016.7	5843.5	5732.3	5528.4	5433.3	5299.1	4999.4	4273.4	2616.6	316.6
47.5°	6029.8	6003.7	5879.5	5920.1	5772.2	5624.2	5427.2	5207.9	4625.3	3081.2	401.7
50°	5827.4	5805.1	5766.8	5986.8	5968.4	5793.6	5592.8	5372.7	4912.8	3560.4	533.6
52.5°	5442.5	5433.3	5531.4	5934.7	6079.6	5943.1	5752.2	5518.4	5181.1	4061.0	722.2
55°	4946.5	4984.0	5264.6	5853.4	6136.3	6053.5	5893.3	5654.9	5396.5	4508.7	1000.5
57.5°	4742.6	4752.5	5102.9	5795.9	6161.6	6150.9	6030.5	5785.2	5594.3	4866.8	1425.2
60°	4981.0	4965.7	5150.4	5839.6	6212.2	6238.3	6152.4	5906.3	5766.0	5174.2	1991.0
62.5°	5411.8	5403.4	5462.4	6025.9	6360.2	6413.1	6321.9	5993.7	5917.8	5376.6	2636.5
65°	5796.7	5779.1	5888.7	6356.4	6620.1	6657.7	6577.9	6143.2	5984.5	5523.8	3243.0
67.5°	5963.1	5959.2	6135.6	6670.7	6893.0	6933.7	6863.9	6349.5	5969.2	5570.5	3510.5
70°	5887.2	5872.6	6154.7	6804.1	7047.1	7093.1	7025.7	6426.1	5802.8	5422.6	3114.2
71°	5803.6	5764.5	6097.2	6794.9	7068.6	7107.7	6989.6	6356.4	5635.7	5212.5	2754.6
72.5°	5544.5	5551.4	5939.3	6699.1	7017.2	7005.7	6785.7	6106.4	5434.1	4735.7	2212.6
75°	4906.6	4947.3	5427.9	6296.6	6558.8	6412.3	6075.8	5628.8	5029.3	3395.5	1536.4
77.5°	4009.6	4070.2	4598.4	5522.2	5447.9	5433.3	5419.5	4959.5	4294.8	1823.9	1068.7
80°	1914.3	2045.4	2773.8	3942.2	4282.6	4447.4	4343.9	3996.6	3321.2	868.6	638.6
82.5°	125.0	123.4	174.8	331.2	1396.1	1804.7	2867.3	2856.6	2315.3	423.2	260.7
85°	59.0	60.6	66.7	75.9	88.2	96.6	133.4	782.0	1107.8	201.6	56.7
87.5°	34.5	35.3	41.4	52.9	69.0	76.7	91.2	117.3	144.1	111.2	12.3
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
2.5°	62.9	62.1	59.8	57.5	55.2	53.7	52.9	53.7	53.7	54.4	54.4
5°	62.9	60.6	56.7	52.1	49.1	46.0	44.5	43.7	44.5	44.5	44.5
7.5°	62.1	58.3	52.9	47.5	43.7	39.9	38.3	37.6	37.6	38.3	38.3
10°	60.6	56.7	49.8	43.7	39.1	34.5	32.2	29.9	29.9	29.9	30.7
12.5°	59.8	54.4	46.0	39.9	33.7	28.4	23.8	21.5	22.2	22.2	22.2
15°	58.3	52.1	43.7	36.0	28.4	21.5	17.6	15.3	16.1	16.9	16.1
17.5°	58.3	51.4	40.6	31.4	22.2	16.1	13.0	11.5	11.5	12.3	12.3
20°	58.3	49.8	38.3	26.8	16.9	12.3	9.2	8.4	8.4	10.0	10.7
22.5°	59.8	49.8	35.3	22.2	13.8	9.2	6.9	6.1	6.9	8.4	9.2
25°	62.1	49.1	32.2	19.9	11.5	6.9	5.4	3.8	4.6	6.1	6.9
27.5°	64.4	48.3	29.1	17.6	9.2	5.4	3.8	3.1	2.3	3.1	3.1
30°	66.7	48.3	26.1	14.6	7.7	3.8	2.3	1.5	0.8	0.0	0.0
32.5°	68.2	46.8	23.8	11.5	6.1	3.1	1.5	0.8	0.0	0.0	0.0
35°	69.8	45.2	20.7	9.2	4.6	2.3	0.8	0.0	0.0	0.0	0.0
37.5°	71.3	42.9	17.6	7.7	3.8	1.5	0.0	0.0	0.0	0.0	0.0
40°	72.8	39.9	14.6	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	74.4	37.6	12.3	5.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	78.2	36.0	10.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	85.1	34.5	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	95.1	33.0	8.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	108.9	32.2	7.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	133.4	31.4	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	175.6	30.7	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	269.1	29.1	6.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	480.7	28.4	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	838.0	29.1	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1201.4	30.7	5.4	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	1028.1	26.8	5.4	3.1	1.5	0.8	0.0	0.0	0.0	0.0	0.0
71°	838.0	23.8	5.4	3.1	1.5	0.8	0.8	0.0	0.0	0.0	0.0
72.5°	539.0	18.4	4.6	3.1	1.5	1.5	0.8	0.0	0.0	0.0	0.0
75°	227.7	15.3	4.6	3.1	2.3	1.5	1.5	0.8	0.0	0.0	0.0
77.5°	97.4	11.5	4.6	3.8	3.1	2.3	2.3	1.5	0.8	0.0	0.0
80°	36.8	9.2	5.4	4.6	3.8	3.8	3.1	1.5	0.8	0.0	0.0
82.5°	16.9	7.7	5.4	4.6	4.6	3.8	3.1	2.3	1.5	0.0	0.0
85°	10.7	6.9	5.4	4.6	4.6	3.8	3.8	2.3	1.5	0.0	0.0
87.5°	8.4	6.9	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: SP1-2407-184-5

Test Date: 10/10/2024

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

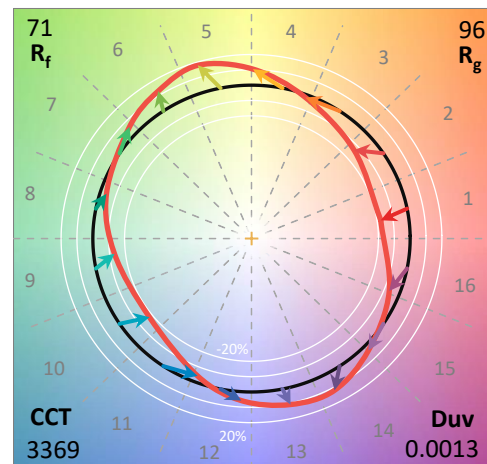
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

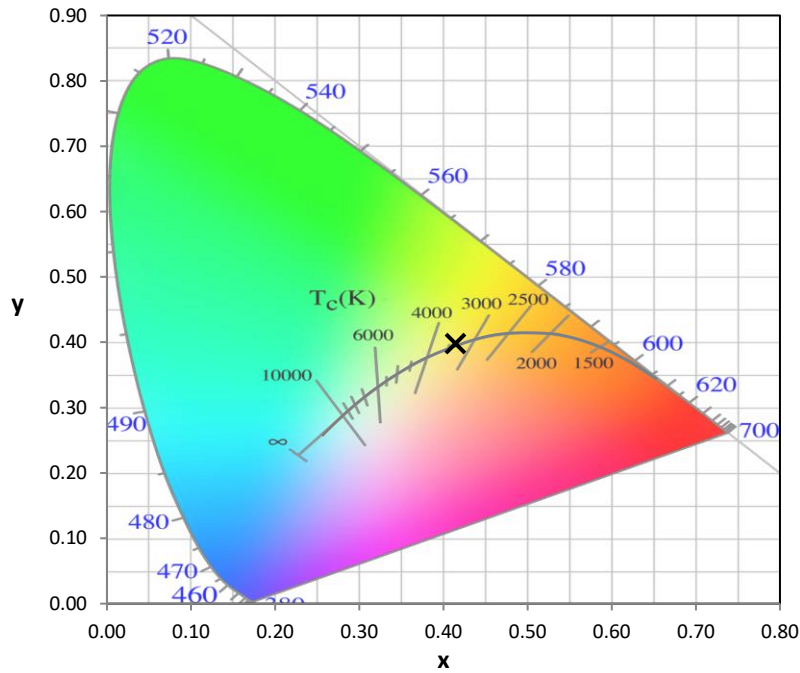
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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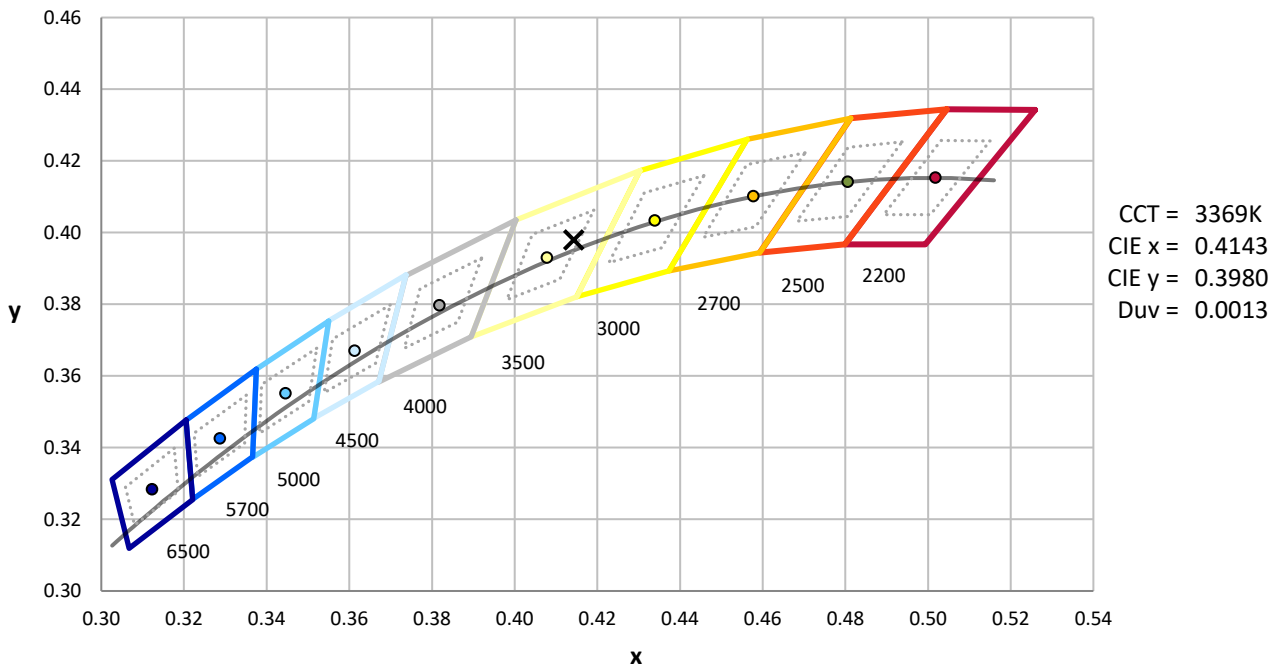
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 3500K 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	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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



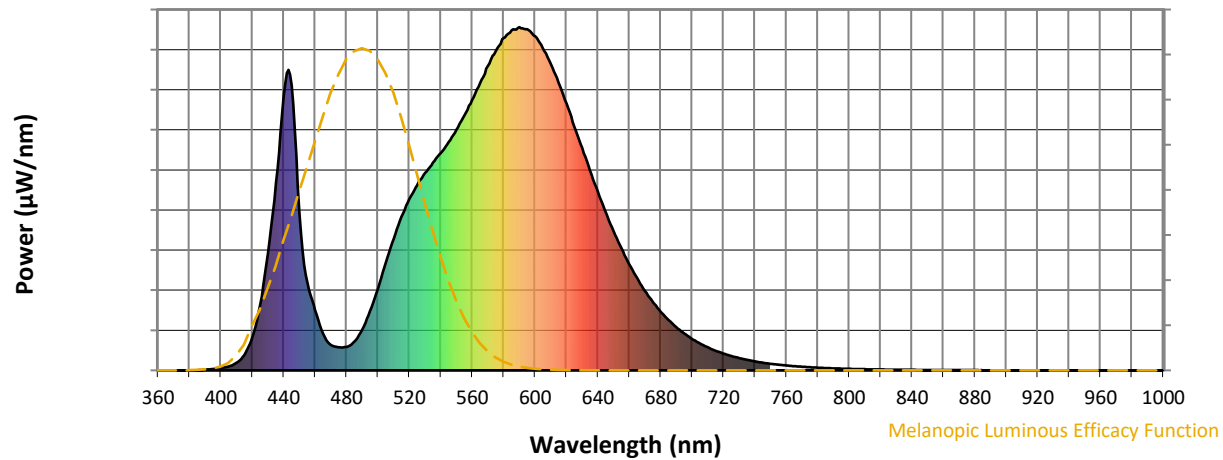
Scotopic Lumens: NR

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

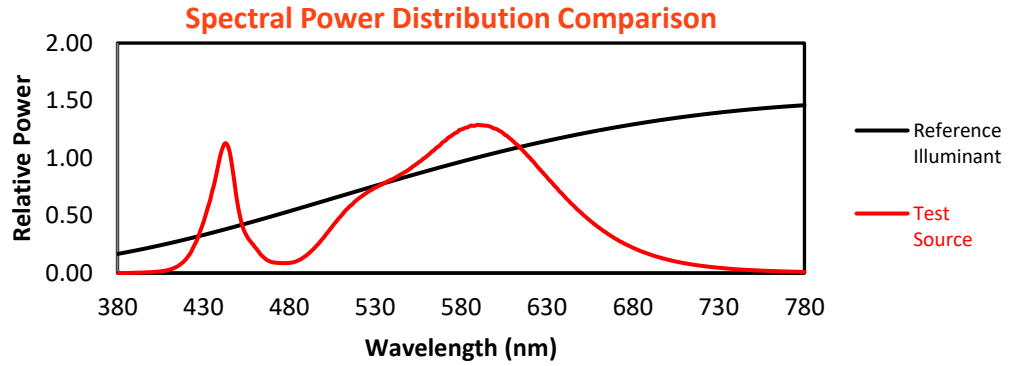
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	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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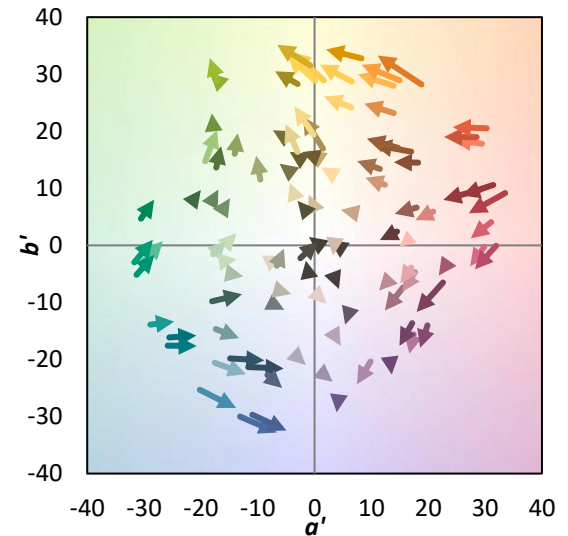
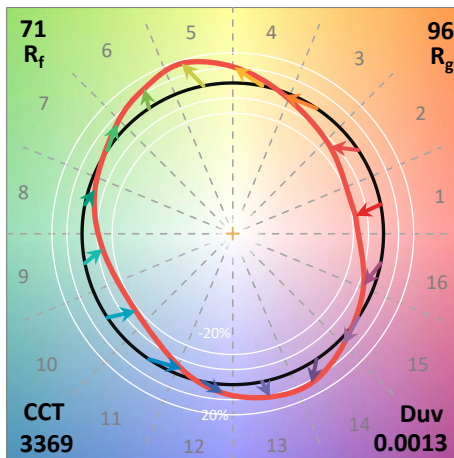
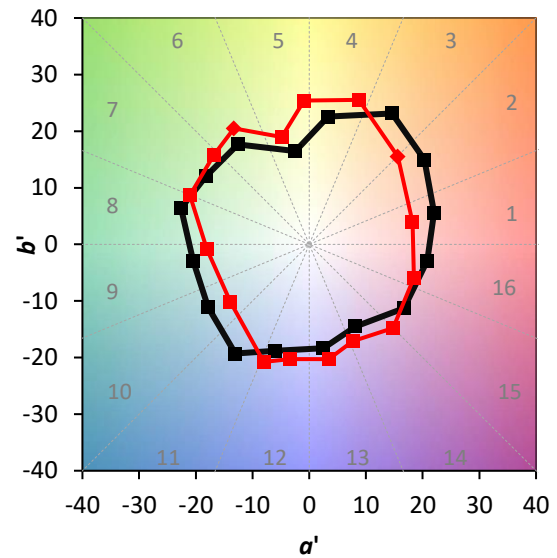
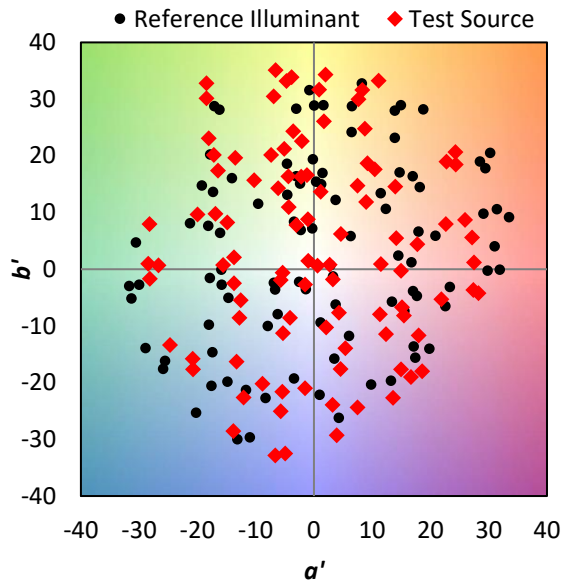
TM-30-18

Summary

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

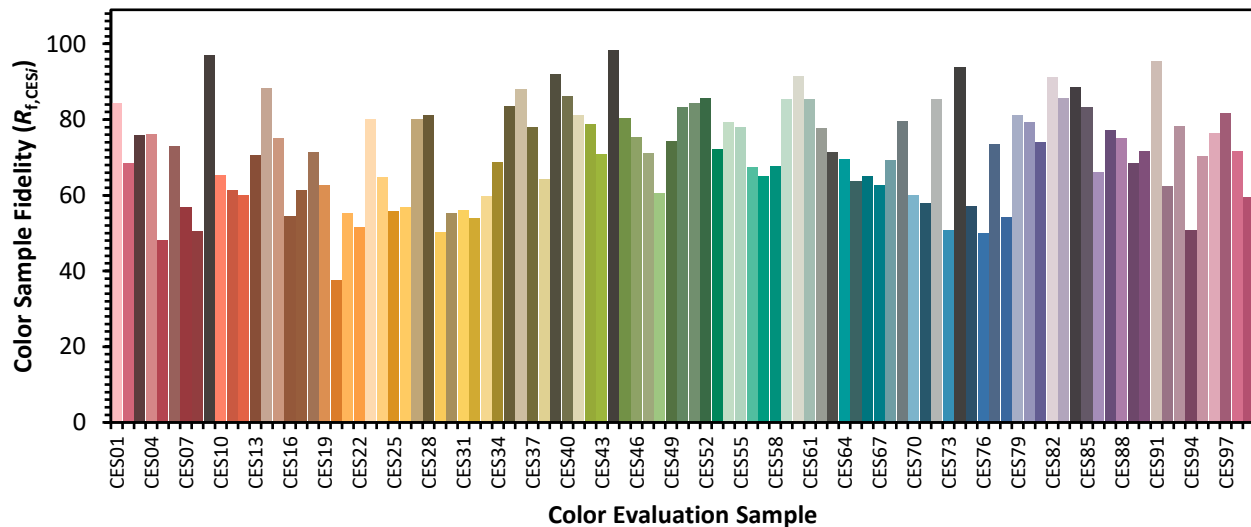


Color Vector Graphics

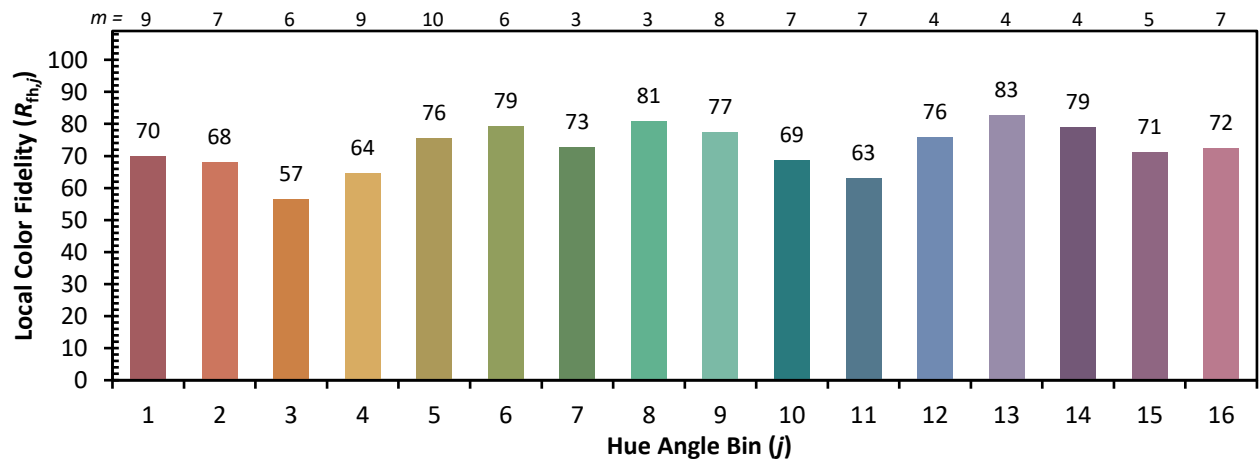
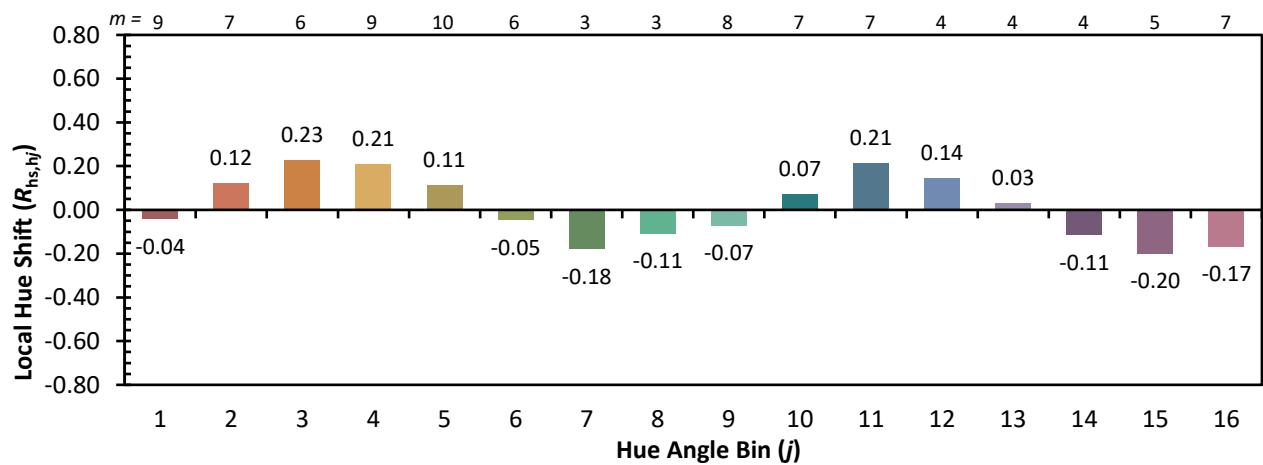
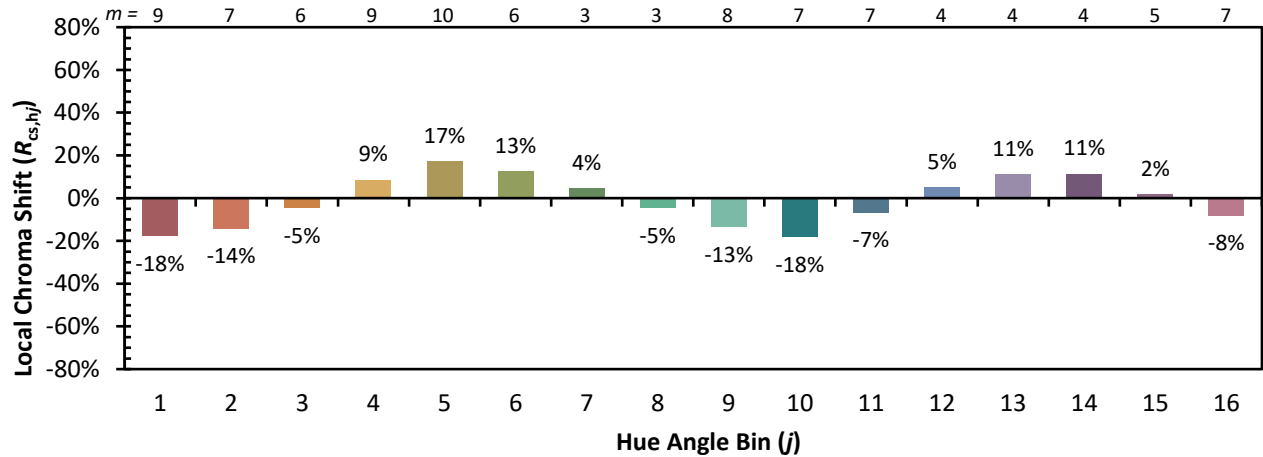


Individual Sample Fidelity Index ($R_{f,i}$)

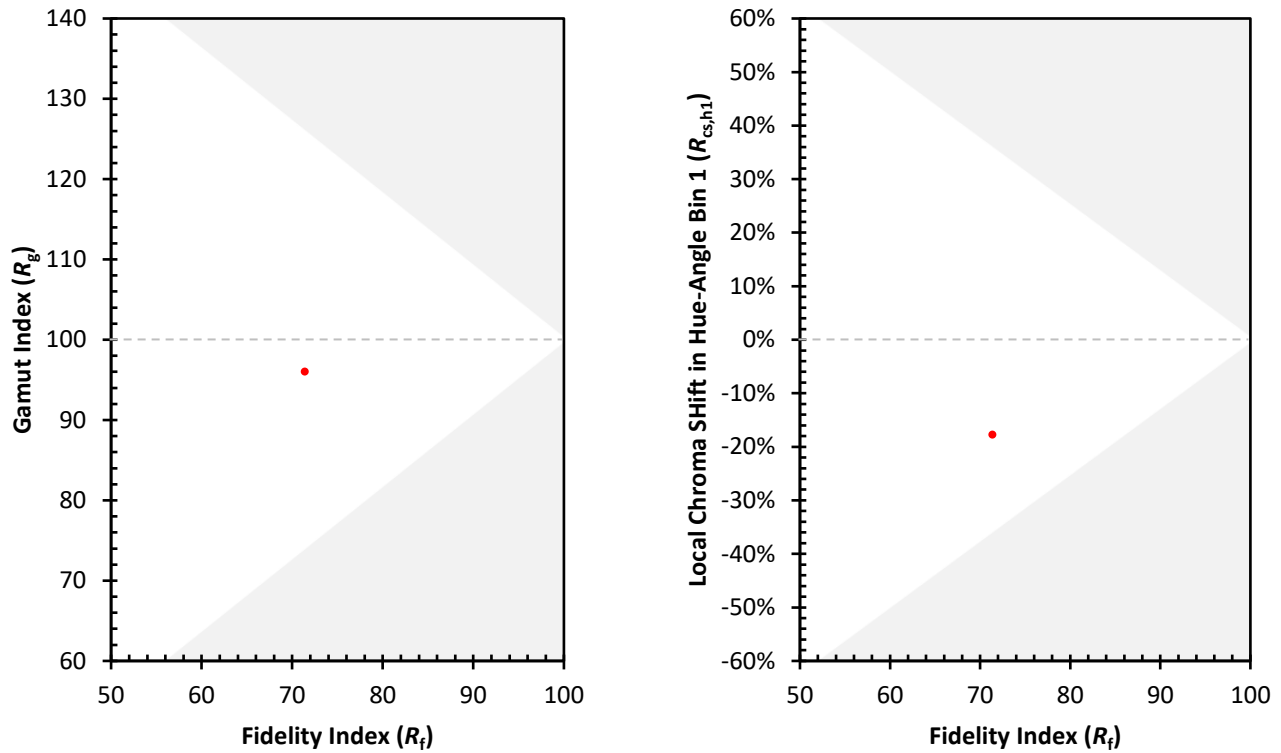
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)