

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: P1048405

Luminaire Tested: **GALN-SA7A-735-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048405
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-735-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24838.1 lumens
Efficiency: N/A
Efficacy: 128.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 193.1
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

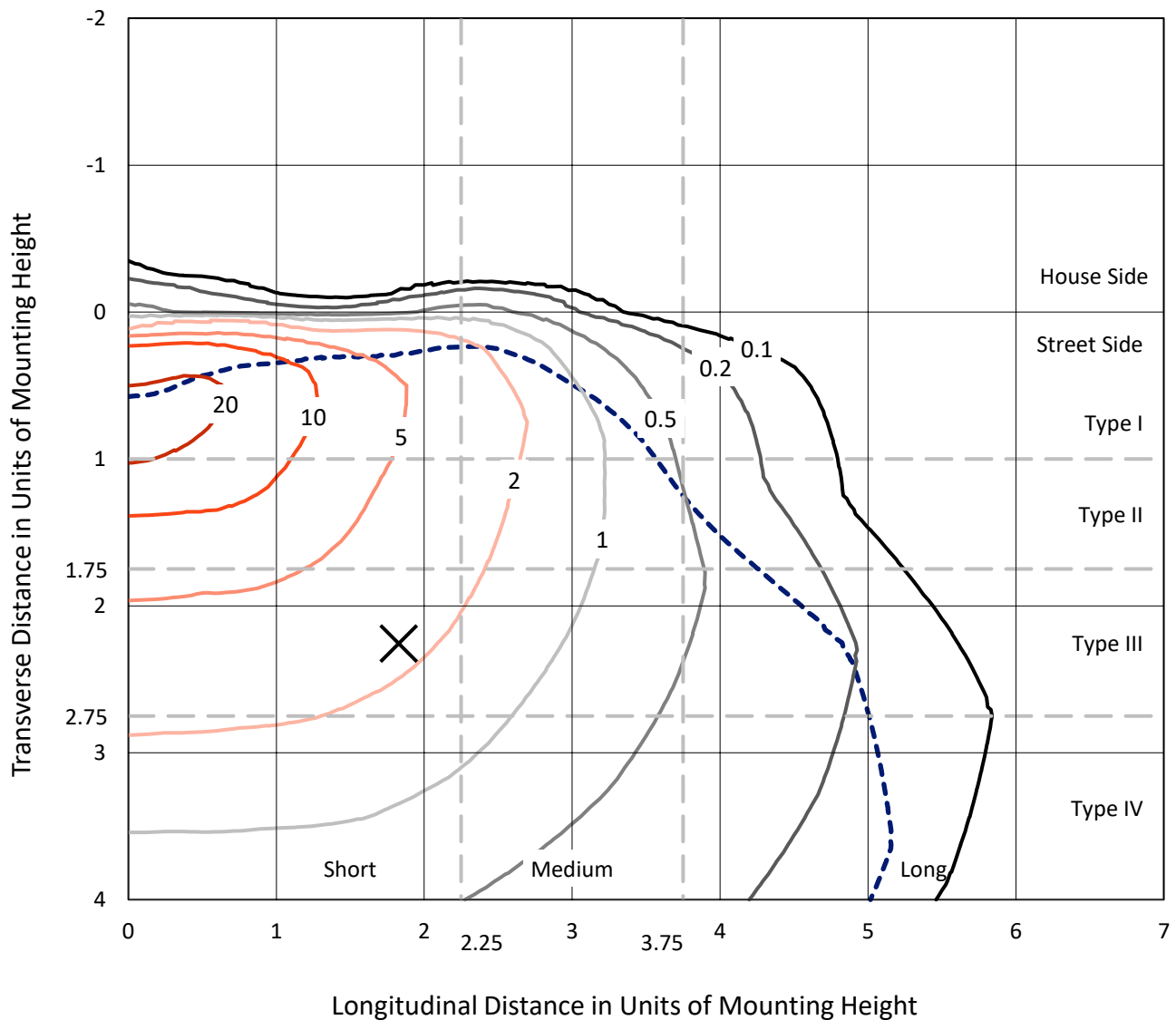


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

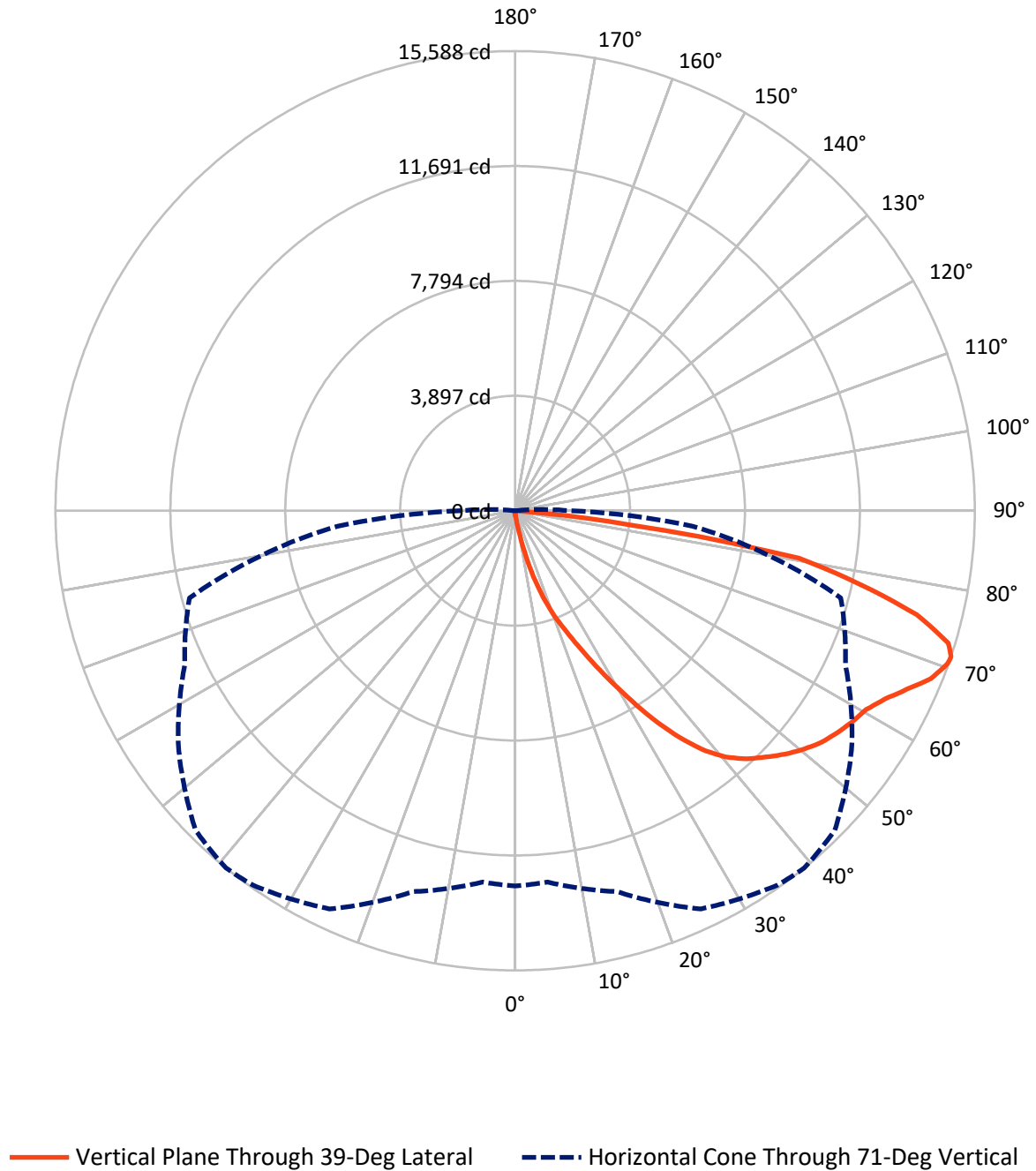


Based on 15 foot mounting height. Maximum calculated value = 25.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	88.3	0.0	88.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24749.8	0.0	24749.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	24838.1	0.0	24838.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	0.1
10°-20°	265.5	1.1
20°-30°	945.4	3.8
30°-40°	2278.5	9.2
40°-50°	3813.3	15.4
50°-60°	4897.7	19.7
60°-70°	6198.0	25.0
70°-80°	5525.8	22.2
80°-90°	893.2	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°	24838.1	100.0
0°-180°	24838.1	100.0



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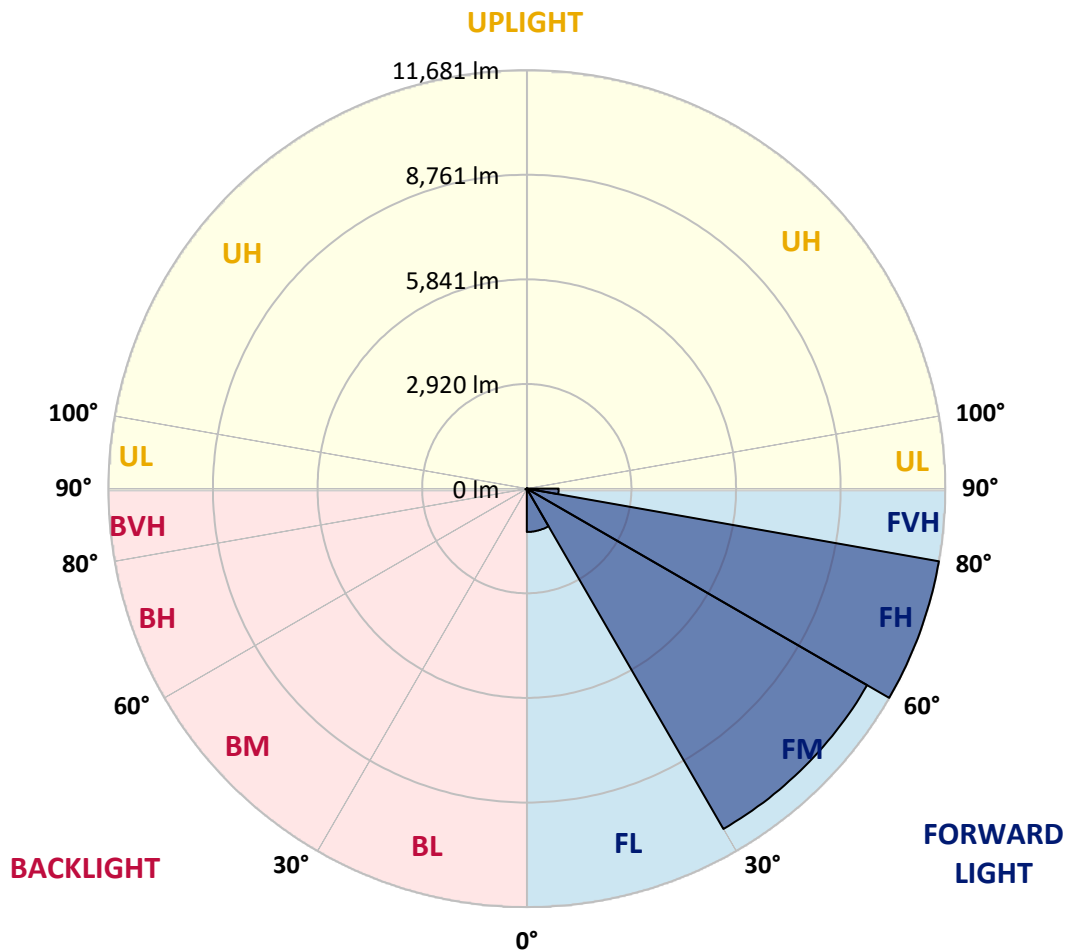
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1210.3	4.9			
FM	(30°-60°)	10969.0	44.2			
FH	(60°-80°)	11681.4	47.0			G4/12000
FVH	(80°-90°)	889.2	3.6			G5
BL	(0°-30°)	21.3	0.1	B0/110		
BM	(30°-60°)	20.4	0.1	B0/220		
BH	(60°-80°)	42.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
2.5°	156.4	156.4	156.4	151.3	151.3	149.6	148.0	148.0	144.6	142.9	139.6
5°	237.1	232.0	220.3	213.5	200.1	191.7	183.3	171.5	159.7	151.3	141.2
7.5°	536.4	548.1	509.5	437.2	363.2	331.2	277.4	223.6	185.0	159.7	142.9
10°	1367.0	1360.3	1229.1	1084.5	837.3	738.1	578.4	364.9	238.8	174.9	144.6
12.5°	2325.4	2318.7	2164.0	1967.2	1641.1	1434.2	1131.6	681.0	343.0	198.4	144.6
15°	3130.8	3103.9	3055.1	2860.1	2478.4	2305.2	1905.0	1203.9	554.9	238.8	148.0
17.5°	3663.8	3640.2	3594.8	3524.2	3282.1	3077.0	2755.8	1891.6	897.9	309.4	154.7
20°	4153.1	4136.3	4099.3	4085.8	3929.4	3820.2	3554.5	2681.8	1398.9	420.4	164.8
22.5°	4825.6	4790.3	4805.5	4724.8	4571.7	4440.6	4277.5	3509.1	2011.0	605.3	183.3
25°	5649.5	5632.7	5590.7	5533.5	5321.7	5207.3	4956.8	4289.3	2695.3	847.4	203.5
27.5°	6644.9	6626.4	6616.3	6485.2	6241.4	6117.0	5767.2	5025.7	3465.4	1187.1	230.4
30°	7791.6	7800.0	7734.5	7566.3	7282.2	7107.3	6747.5	5797.5	4254.0	1585.6	258.9
32.5°	8978.7	8961.9	8861.0	8662.6	8408.7	8245.6	7788.3	6643.2	5081.2	2111.8	292.6
35°	10258.3	10226.3	9960.7	9733.7	9516.8	9311.6	8894.6	7625.2	5908.5	2702.0	338.0
37.5°	11549.6	11399.9	10866.9	10579.4	10429.8	10261.6	9873.2	8672.7	6730.7	3361.1	393.4
40°	12524.8	12408.8	11776.6	11246.9	11127.5	10984.6	10695.4	9577.3	7605.0	4069.0	460.7
42.5°	13064.5	13000.6	12432.3	11909.4	11628.6	11502.5	11255.3	10367.6	8469.2	4850.9	558.2
45°	13294.9	13195.7	12815.7	12571.9	12124.6	11916.1	11621.9	10964.5	9372.2	5738.6	694.4
47.5°	13224.3	13167.1	12894.7	12983.8	12659.3	12334.8	11902.7	11421.8	10143.9	6757.6	881.1
50°	12780.4	12731.6	12647.5	13130.1	13089.7	12706.4	12265.9	11783.3	10774.5	7808.5	1170.3
52.5°	11936.3	11916.1	12131.3	13015.8	13333.6	13034.3	12615.6	12102.8	11362.9	8906.4	1583.9
55°	10848.4	10930.8	11546.2	12837.5	13458.0	13276.4	12925.0	12402.1	11835.4	9888.4	2194.2
57.5°	10401.2	10423.0	11191.4	12711.4	13513.5	13489.9	13225.9	12687.9	12269.2	10673.6	3125.7
60°	10924.1	10890.5	11295.7	12807.3	13624.4	13681.6	13493.3	12953.6	12645.9	11347.8	4366.6
62.5°	11869.0	11850.6	11980.0	13215.9	13948.9	14065.0	13864.9	13145.2	12978.8	11791.7	5782.4
65°	12713.1	12674.4	12914.9	13940.5	14518.9	14601.3	14426.5	13473.1	13125.1	12114.5	7112.3
67.5°	13078.0	13069.6	13456.3	14629.9	15117.5	15206.6	15053.6	13925.4	13091.4	12217.1	7699.2
70°	12911.5	12879.6	13498.3	14922.5	15455.5	15556.4	15408.4	14093.5	12726.6	11892.6	6829.9
71°	12728.2	12642.5	13372.2	14902.3	15502.6	15588.3	15329.4	13940.5	12360.0	11431.9	6041.3
72.5°	12159.9	12175.1	13025.9	14692.1	15389.9	15364.7	14882.1	13392.4	11917.8	10386.0	4852.5
75°	10761.0	10850.1	11904.4	13809.4	14384.4	14063.3	13325.1	12344.9	11030.0	7446.9	3369.5
77.5°	8793.8	8926.6	10085.1	12111.2	11948.1	11916.1	11885.9	10877.0	9419.2	4000.1	2343.9
80°	4198.5	4486.0	6083.3	8645.8	9392.3	9753.8	9526.8	8765.2	7283.9	1905.0	1400.6
82.5°	274.1	270.7	383.4	726.4	3061.8	3958.0	6288.5	6264.9	5077.8	928.1	571.7
85°	129.5	132.8	146.3	166.5	193.4	211.9	292.6	1715.0	2429.6	442.2	124.4
87.5°	75.7	77.3	90.8	116.0	151.3	168.1	200.1	257.3	316.1	243.8	26.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2	136.2
2.5°	137.9	136.2	131.1	126.1	121.1	117.7	116.0	117.7	117.7	119.4	119.4
5°	137.9	132.8	124.4	114.3	107.6	100.9	97.5	95.8	97.5	97.5	97.5
7.5°	136.2	127.8	116.0	104.2	95.8	87.4	84.1	82.4	82.4	84.1	84.1
10°	132.8	124.4	109.3	95.8	85.8	75.7	70.6	65.6	65.6	65.6	67.3
12.5°	131.1	119.4	100.9	87.4	74.0	62.2	52.1	47.1	48.8	48.8	48.8
15°	127.8	114.3	95.8	79.0	62.2	47.1	38.7	33.6	35.3	37.0	35.3
17.5°	127.8	112.7	89.1	68.9	48.8	35.3	28.6	25.2	25.2	26.9	26.9
20°	127.8	109.3	84.1	58.8	37.0	26.9	20.2	18.5	18.5	21.9	23.5
22.5°	131.1	109.3	77.3	48.8	30.3	20.2	15.1	13.5	15.1	18.5	20.2
25°	136.2	107.6	70.6	43.7	25.2	15.1	11.8	8.4	10.1	13.5	15.1
27.5°	141.2	105.9	63.9	38.7	20.2	11.8	8.4	6.7	5.0	6.7	6.7
30°	146.3	105.9	57.2	31.9	16.8	8.4	5.0	3.4	1.7	0.0	0.0
32.5°	149.6	102.6	52.1	25.2	13.5	6.7	3.4	1.7	0.0	0.0	0.0
35°	153.0	99.2	45.4	20.2	10.1	5.0	1.7	0.0	0.0	0.0	0.0
37.5°	156.4	94.2	38.7	16.8	8.4	3.4	0.0	0.0	0.0	0.0	0.0
40°	159.7	87.4	31.9	15.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	163.1	82.4	26.9	11.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0
45°	171.5	79.0	21.9	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	186.6	75.7	20.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	208.5	72.3	18.5	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	238.8	70.6	16.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	292.6	68.9	15.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	385.0	67.3	15.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	590.2	63.9	15.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1054.2	62.2	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1837.8	63.9	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2634.8	67.3	11.8	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
70°	2254.8	58.8	11.8	6.7	3.4	1.7	0.0	0.0	0.0	0.0	0.0
71°	1837.8	52.1	11.8	6.7	3.4	1.7	1.7	0.0	0.0	0.0	0.0
72.5°	1182.0	40.4	10.1	6.7	3.4	3.4	1.7	0.0	0.0	0.0	0.0
75°	499.4	33.6	10.1	6.7	5.0	3.4	3.4	1.7	0.0	0.0	0.0
77.5°	213.5	25.2	10.1	8.4	6.7	5.0	5.0	3.4	1.7	0.0	0.0
80°	80.7	20.2	11.8	10.1	8.4	8.4	6.7	3.4	1.7	0.0	0.0
82.5°	37.0	16.8	11.8	10.1	10.1	8.4	6.7	5.0	3.4	0.0	0.0
85°	23.5	15.1	11.8	10.1	10.1	8.4	8.4	5.0	3.4	0.0	0.0
87.5°	18.5	15.1	11.8	11.8	10.1	10.1	6.7	5.0	1.7	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: SP1-2407-184-5

Test Date: 10/10/2024

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

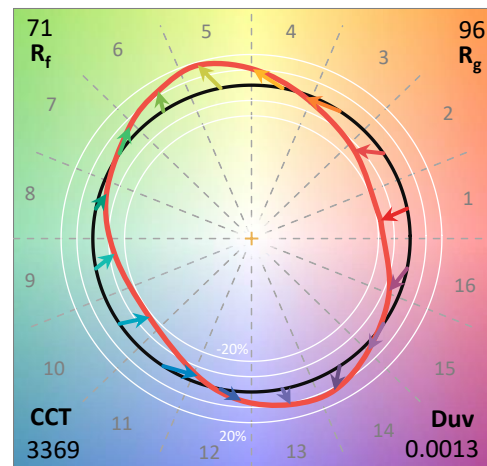
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

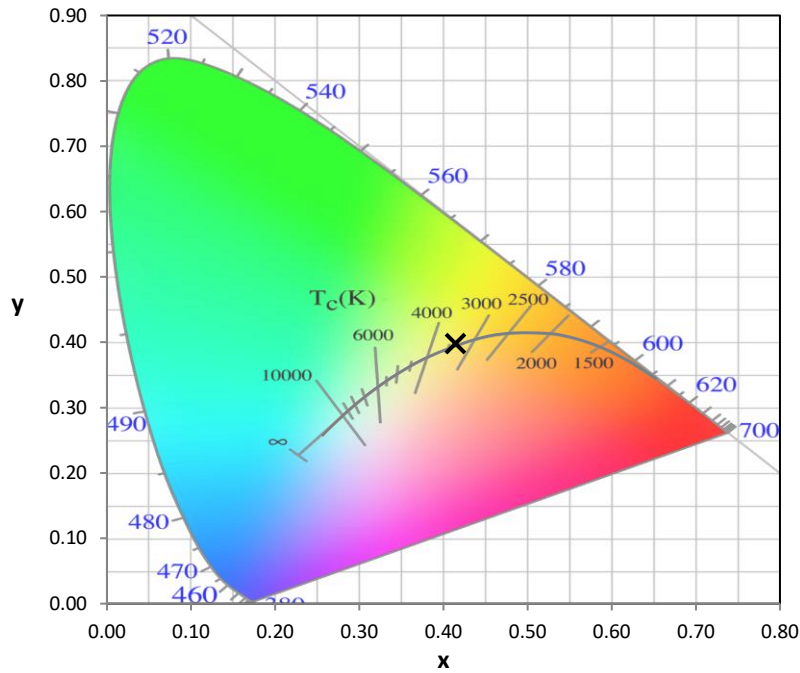
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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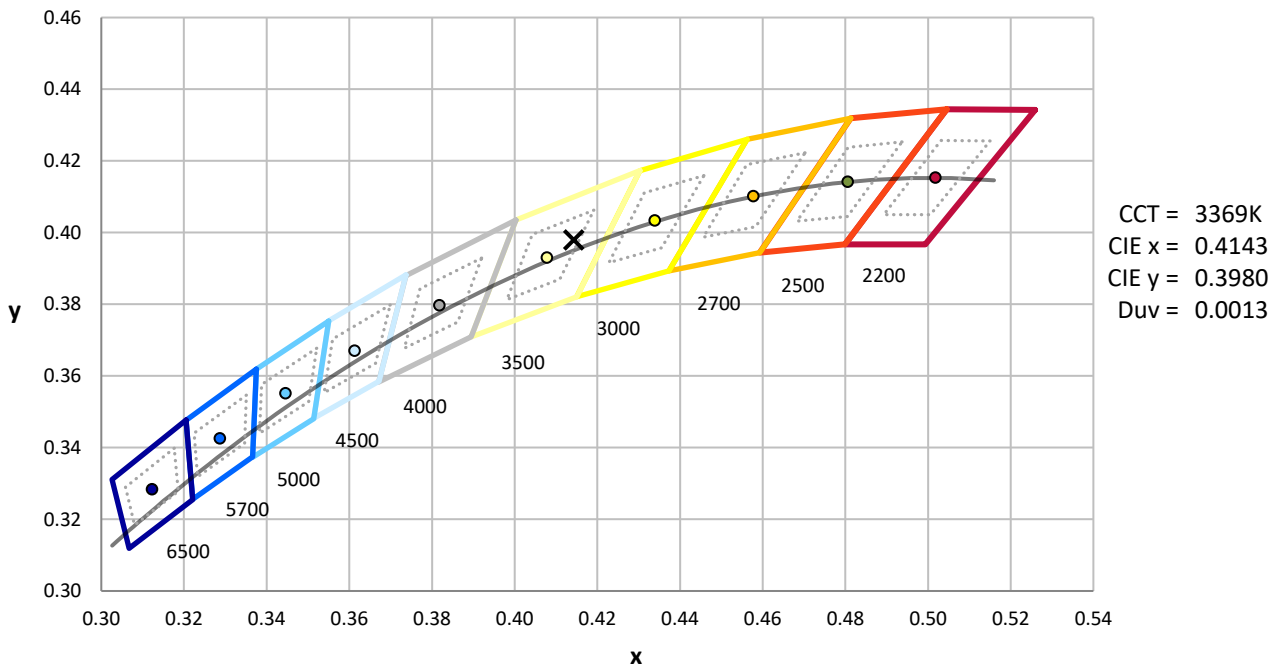
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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Scotopic Flux vs. Wavelength



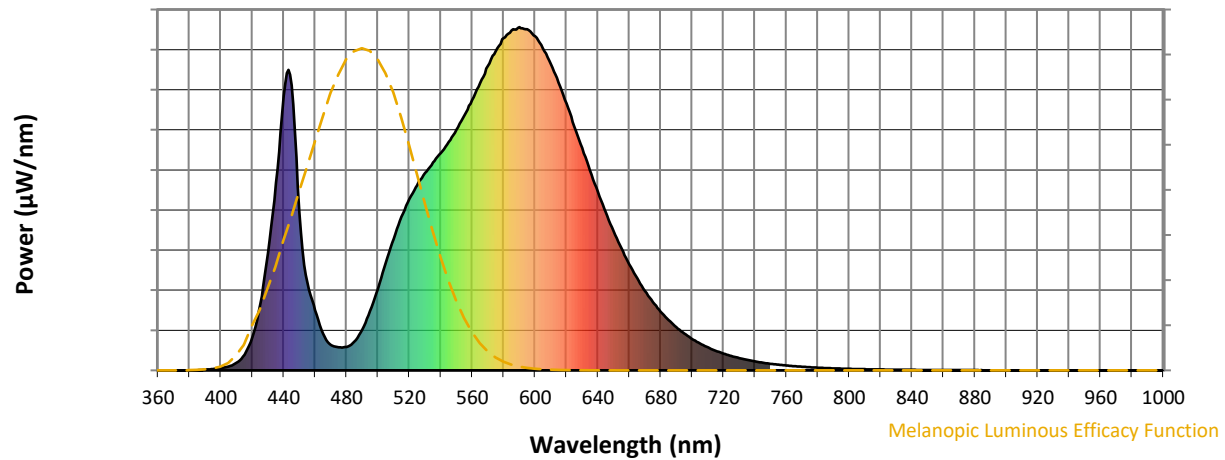
Scotopic Lumens: NR

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

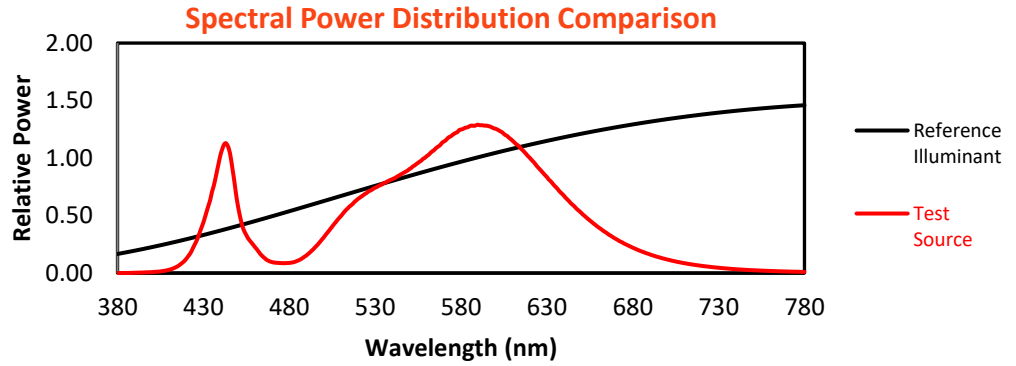
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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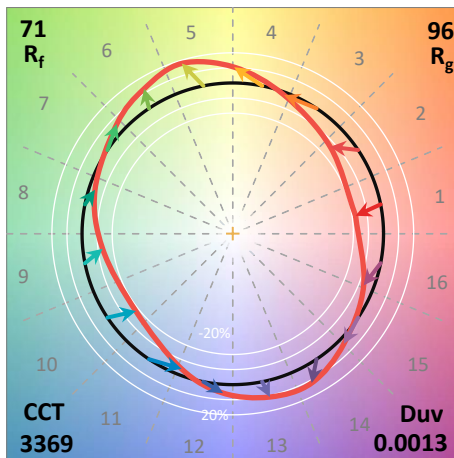
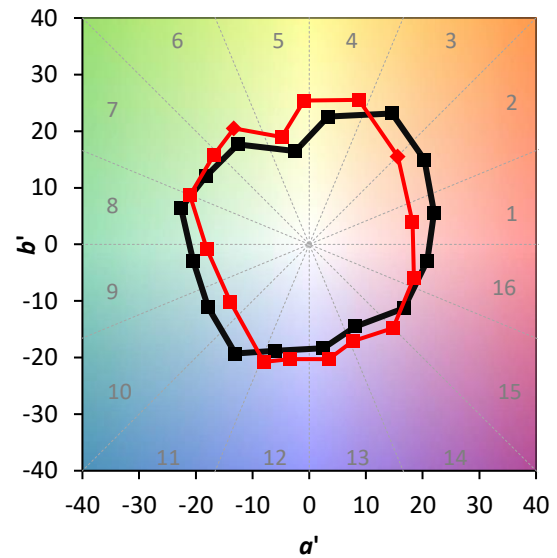
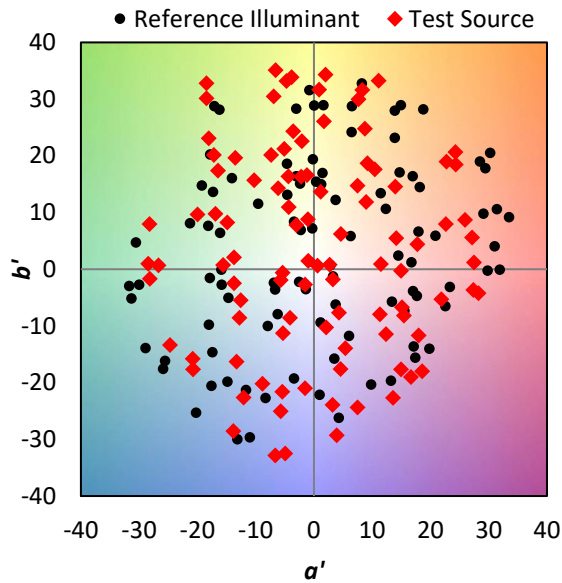
TM-30-18

Summary

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



Color Vector Graphics

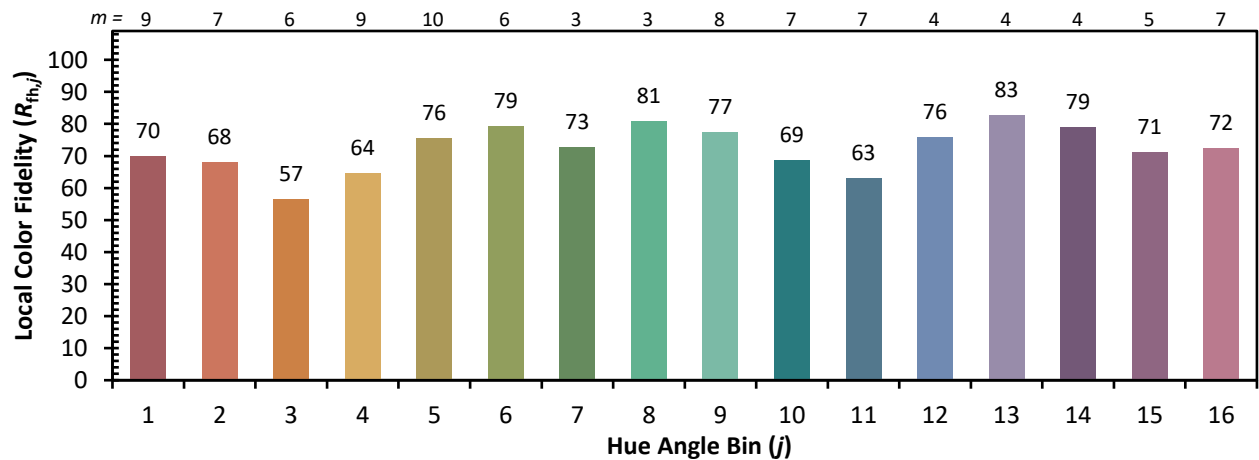
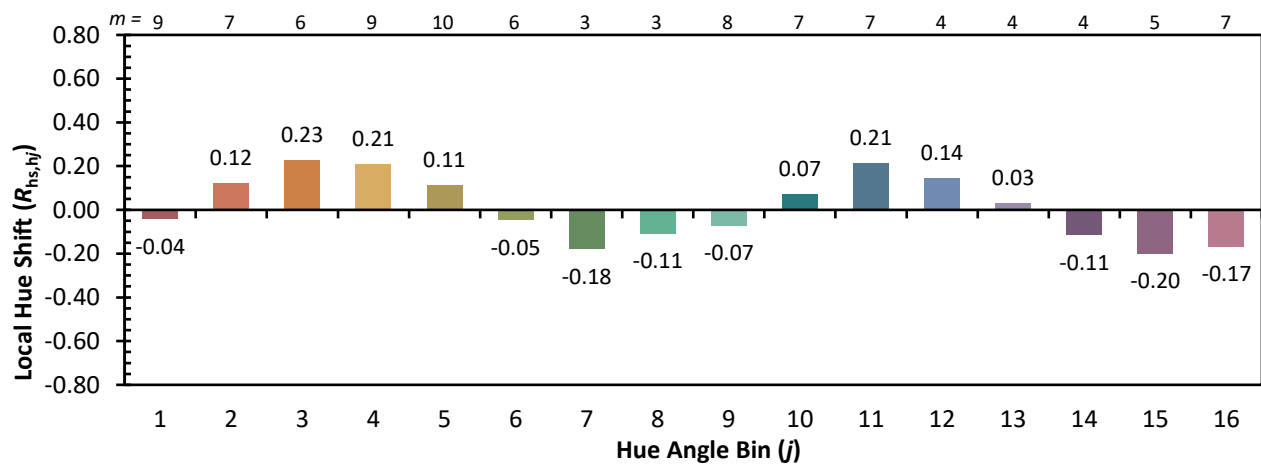
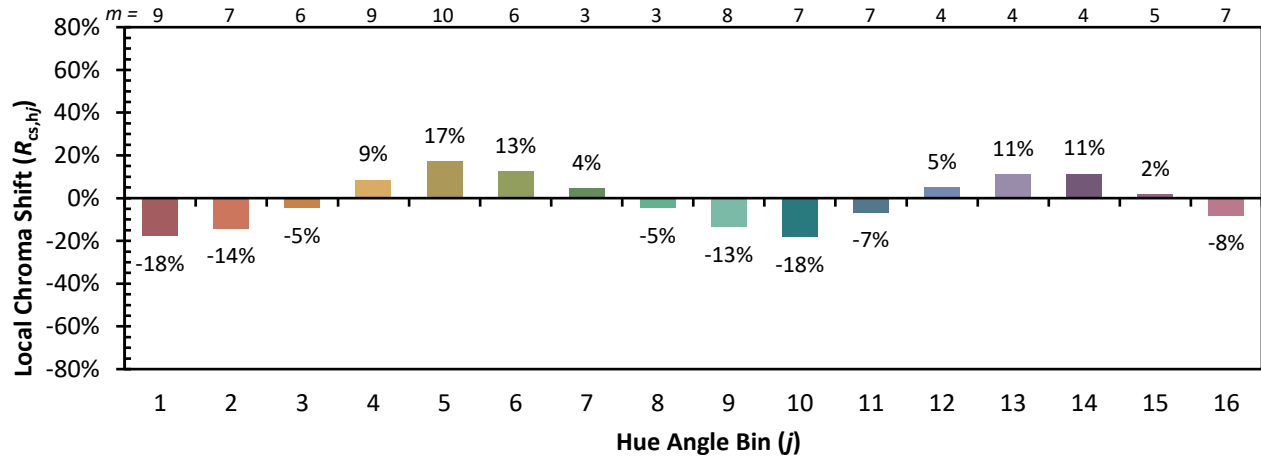


Individual Sample Fidelity Index ($R_{f,i}$)

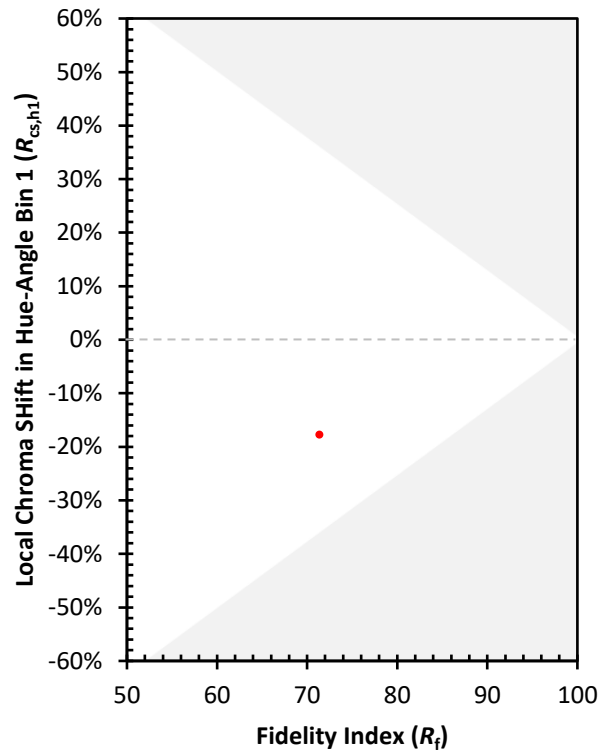
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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