

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: P1047187

Luminaire Tested: **GALN-SA8C-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047187
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 45489.2 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

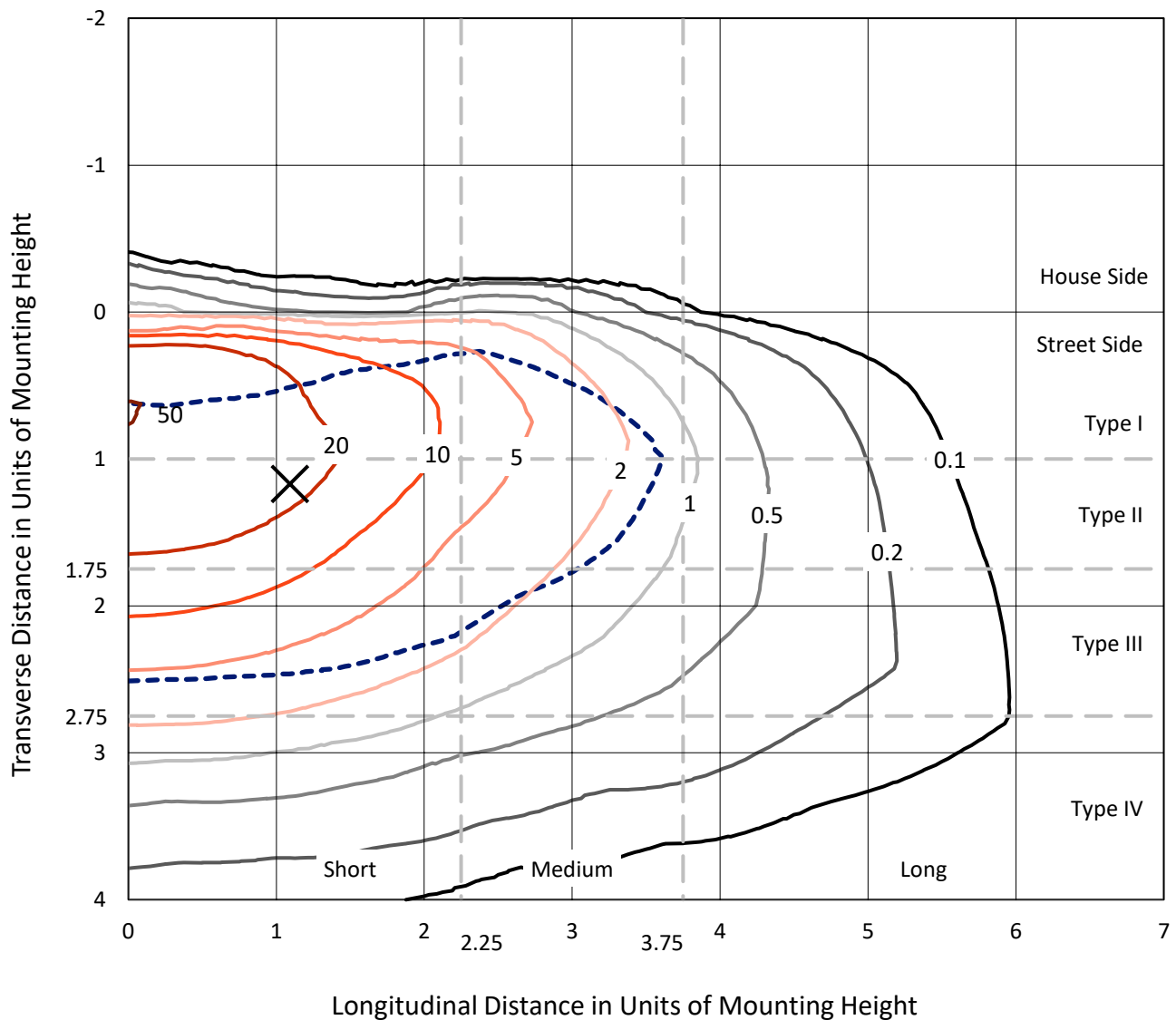


REPORT NUMBER: P1047187

CATALOG NUMBER: GALN-SA8C-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

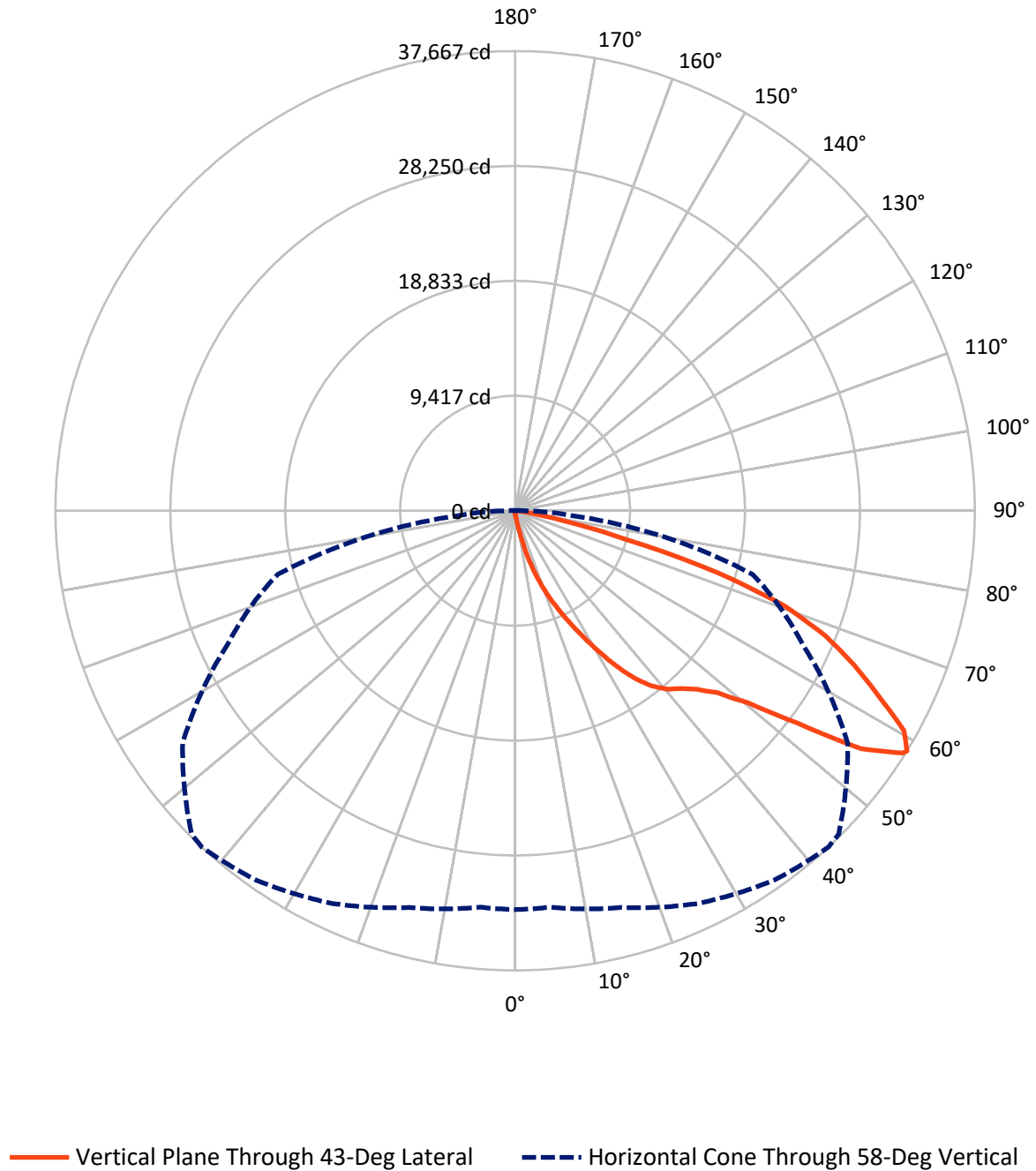


Based on 15 foot mounting height. Maximum calculated value = 51 fc
Type III - Short - N/A

REPORT NUMBER: P1047187

CATALOG NUMBER: GALN-SA8C-735-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047187

CATALOG NUMBER: GALN-SA8C-735-U-T3BC

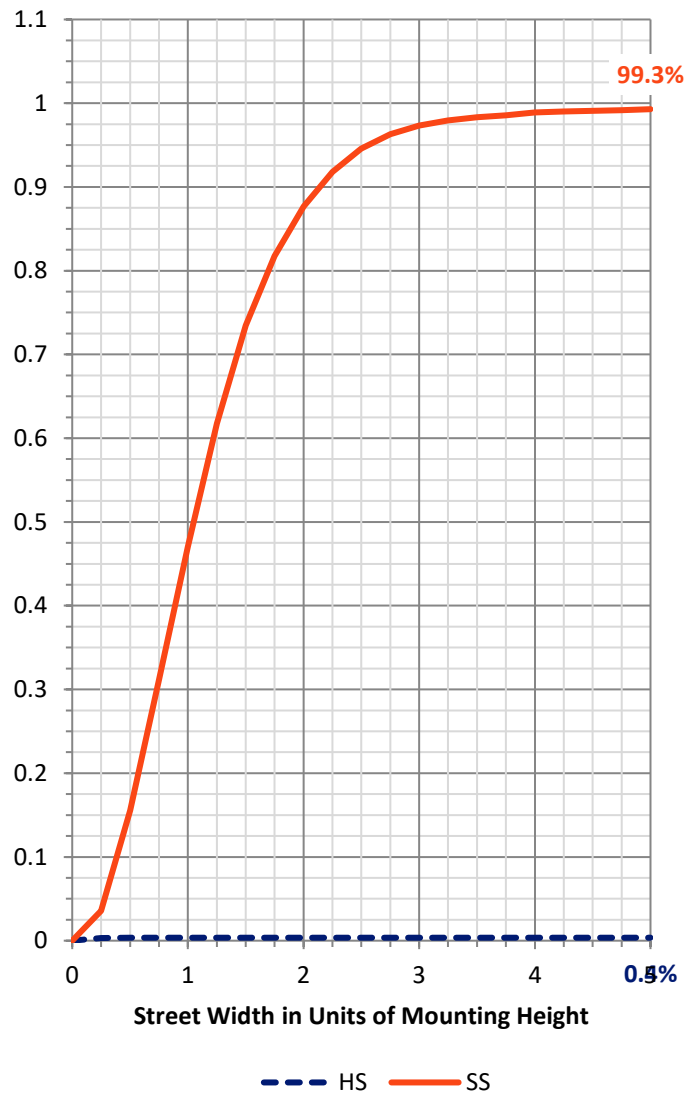
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	166.1	0.0	166.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	45323.1	0.0	45323.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	45489.2	0.0	45489.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.6	0.1
10°-20°	522.9	1.1
20°-30°	1884.7	4.1
30°-40°	4312.1	9.5
40°-50°	7272.8	16.0
50°-60°	12001.9	26.4
60°-70°	13413.7	29.5
70°-80°	5538.3	12.2
80°-90°	499.3	1.1
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°	45489.2	100.0
0°-180°	45489.2	100.0



REPORT NUMBER: P1047187

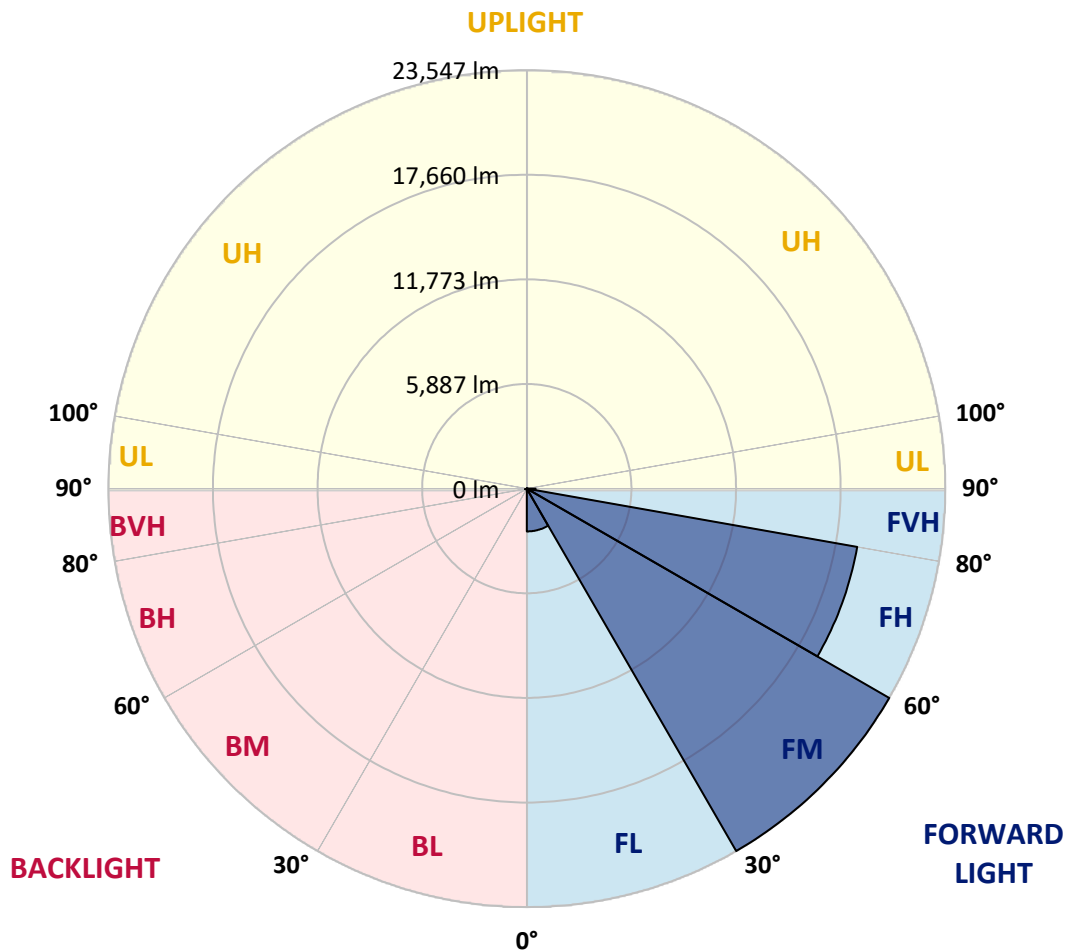
CATALOG NUMBER: GALN-SA8C-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2407.8	5.3			
FM	(30°-60°)	23547.0	51.8			
FH	(60°-80°)	18875.9	41.5			G5
FVH	(80°-90°)	492.4	1.1			G3/500
BL	(0°-30°)	43.3	0.1	B0/110		
BM	(30°-60°)	39.8	0.1	B0/220		
BH	(60°-80°)	76.1	0.2	B0/110		G0/110
BVH	(80°-90°)	6.8	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-G5

Type III Short





REPORT NUMBER: P1047187

CATALOG NUMBER: GALN-SA8C-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4
2.5°	356.9	368.8	356.9	356.9	356.9	345.0	345.0	333.1	333.1	321.2	309.3
5°	523.5	523.5	487.8	464.0	440.2	428.3	416.4	392.6	368.8	345.0	321.2
7.5°	1165.9	1165.9	1058.9	916.1	725.7	618.7	594.9	487.8	416.4	368.8	321.2
10°	2784.0	2784.0	2546.0	2153.4	1665.6	1237.3	1106.4	701.9	499.7	392.6	333.1
12.5°	4628.1	4687.5	4390.1	3890.4	3164.7	2415.2	2153.4	1284.9	666.2	428.3	333.1
15°	6281.8	6139.0	6055.7	5579.8	4889.8	3997.5	3664.4	2165.3	963.7	487.8	333.1
17.5°	7400.1	7400.1	7281.1	6959.9	6329.4	5544.1	5270.5	3497.8	1558.5	559.2	345.0
20°	8708.8	8708.8	8494.7	8268.6	7709.5	7043.2	6781.5	4973.1	2415.2	713.8	345.0
22.5°	10291.2	10315.0	10077.0	9672.5	9137.1	8399.5	8173.4	6341.3	3497.8	951.8	356.9
25°	12218.5	12242.3	11897.3	11516.6	10695.7	9898.6	9553.5	7911.7	4818.4	1332.5	356.9
27.5°	14348.1	14514.7	14003.1	13348.8	12480.3	11480.9	11219.2	9327.5	6127.1	1879.8	380.7
30°	17001.2	17001.2	16323.1	15407.0	14467.1	13229.8	12896.7	10814.6	7519.1	2605.5	404.5
32.5°	19285.5	19107.1	18238.6	17274.9	16275.5	15121.5	14764.6	12373.2	8946.8	3509.7	452.1
35°	21034.4	20879.8	19809.0	18773.9	17905.4	16846.6	16418.3	14062.6	10457.7	4532.9	523.5
37.5°	22533.5	22474.0	21022.5	19725.7	19154.7	18226.7	17846.0	15656.9	11944.9	5639.3	606.8
40°	24175.3	23985.0	22438.3	20832.2	19975.6	19226.0	18881.0	16941.8	13372.6	6936.1	725.7
42.5°	25579.2	25353.2	23961.2	22390.7	20927.4	19916.1	19583.0	18024.4	14764.6	8232.9	880.4
45°	27137.7	27018.8	25614.9	24425.2	22474.0	20856.0	20415.8	18892.9	16037.6	9779.6	1082.7
47.5°	29481.5	29267.4	27958.7	26983.1	24722.6	22283.6	21653.1	19785.2	17263.0	11302.4	1392.0
50°	32206.0	32063.2	31289.9	30516.6	28268.0	24722.6	23973.1	21070.1	18631.2	13110.8	1796.5
52.5°	34430.8	34407.0	34502.2	34514.1	32812.8	28827.2	27708.8	23140.3	20201.6	14895.4	2367.6
55°	34383.2	34490.3	35537.2	36738.9	36869.7	34430.8	33348.1	26626.2	22248.0	17096.4	3164.7
57.5°	33098.3	33015.0	34121.5	35929.9	37202.9	37464.6	37286.1	32039.4	25329.4	19749.5	4390.1
58°	32681.9	32610.5	33657.5	35501.6	36964.9	37666.9	37488.4	33264.9	26019.4	20130.2	4723.2
60°	31170.9	31182.8	31801.5	33479.0	34942.4	36608.0	36774.6	36762.7	29457.7	22676.3	6400.7
62.5°	29172.2	29077.0	29648.1	31016.3	32301.2	33419.5	33705.1	37000.6	34490.3	25912.3	9601.1
65°	26412.0	26269.2	26876.0	28422.7	29802.7	30528.5	30540.4	33812.1	36857.8	29386.3	14169.7
67.5°	21284.3	21165.3	22378.8	24365.7	26495.3	27447.1	27875.4	29338.7	34859.1	31742.0	16787.1
70°	13039.4	13289.3	14978.7	18095.8	21736.4	23485.3	24127.7	24579.8	29683.8	31385.1	14038.8
72.5°	6020.0	5722.6	7162.2	9339.4	13491.5	17382.0	18048.2	19820.9	23532.9	27244.8	10469.6
75°	2807.8	2700.7	3033.8	4080.8	6115.2	9387.0	10600.5	15823.4	18048.2	18952.4	7554.8
77.5°	1439.6	1451.5	1725.1	1856.0	2522.2	4342.5	4985.0	10410.1	13229.8	10576.7	5068.3
80°	630.6	654.4	666.2	725.7	1023.2	1677.5	1891.7	4830.3	9041.9	5389.5	2772.1
82.5°	404.5	416.4	416.4	416.4	487.8	666.2	761.4	1939.3	4509.1	2676.9	856.6
85°	214.2	214.2	237.9	297.4	345.0	404.5	428.3	618.7	1487.2	797.1	202.3
87.5°	119.0	130.9	142.8	178.5	226.0	273.6	297.4	428.3	571.1	547.3	47.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1047187

CATALOG NUMBER: GALN-SA8C-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4	297.4
2.5°	309.3	297.4	285.5	273.6	261.7	249.8	249.8	249.8	249.8	249.8	249.8
5°	297.4	285.5	273.6	249.8	226.0	214.2	202.3	190.4	190.4	190.4	190.4
7.5°	297.4	285.5	249.8	226.0	202.3	178.5	154.7	154.7	154.7	154.7	154.7
10°	297.4	273.6	237.9	202.3	166.6	142.8	130.9	119.0	119.0	119.0	119.0
12.5°	297.4	261.7	226.0	178.5	142.8	119.0	107.1	95.2	95.2	95.2	95.2
15°	297.4	261.7	214.2	166.6	130.9	95.2	83.3	71.4	71.4	71.4	71.4
17.5°	285.5	249.8	202.3	142.8	107.1	71.4	59.5	47.6	47.6	59.5	59.5
20°	273.6	237.9	178.5	119.0	83.3	59.5	35.7	35.7	35.7	35.7	35.7
22.5°	273.6	237.9	166.6	107.1	71.4	35.7	23.8	23.8	23.8	23.8	35.7
25°	273.6	226.0	142.8	83.3	47.6	23.8	11.9	11.9	11.9	11.9	11.9
27.5°	273.6	226.0	130.9	71.4	35.7	23.8	11.9	0.0	0.0	0.0	0.0
30°	261.7	214.2	119.0	59.5	23.8	11.9	0.0	0.0	0.0	0.0	0.0
32.5°	261.7	202.3	95.2	47.6	23.8	11.9	0.0	0.0	0.0	0.0	0.0
35°	273.6	190.4	83.3	35.7	11.9	0.0	0.0	0.0	0.0	0.0	11.9
37.5°	285.5	178.5	71.4	23.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	297.4	166.6	71.4	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	321.2	166.6	59.5	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	345.0	166.6	47.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	392.6	178.5	47.6	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	428.3	190.4	35.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	475.9	178.5	35.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	535.4	178.5	35.7	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	583.0	166.6	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	606.8	154.7	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	725.7	142.8	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1130.2	119.0	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2296.2	107.1	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4283.0	95.2	23.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4794.6	107.1	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3021.9	83.3	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1594.2	83.3	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	797.1	83.3	11.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	368.8	59.5	11.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	154.7	35.7	23.8	11.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	71.4	35.7	23.8	23.8	11.9	11.9	0.0	0.0	0.0	0.0	0.0
87.5°	35.7	35.7	35.7	23.8	23.8	11.9	11.9	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

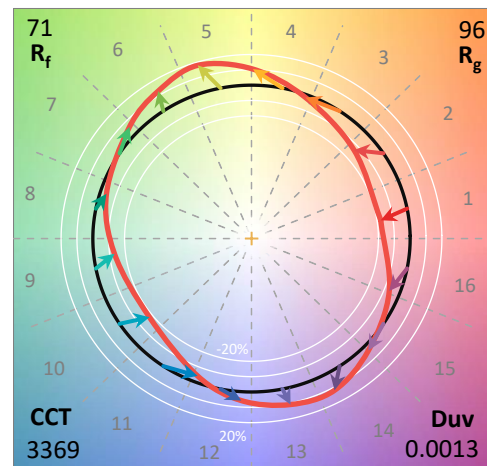
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

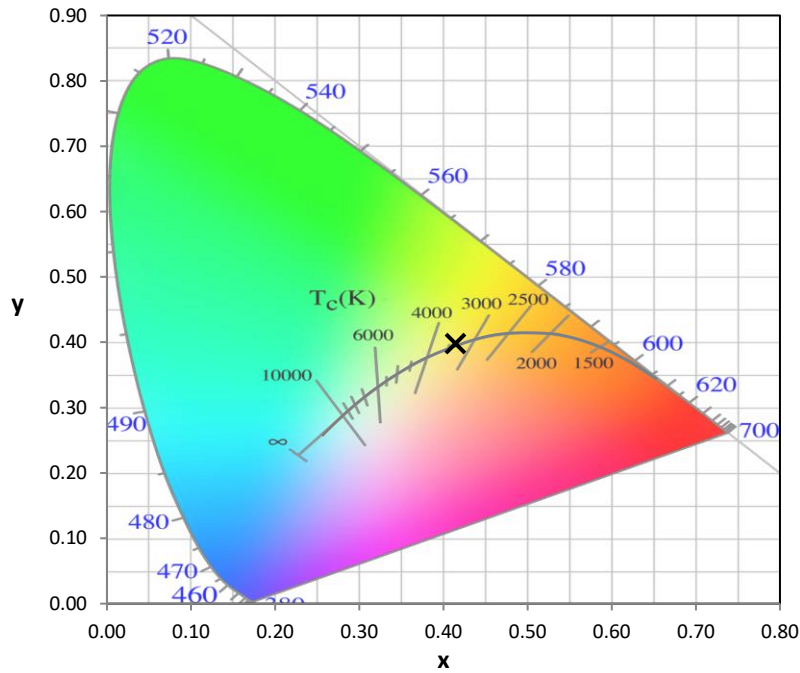
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

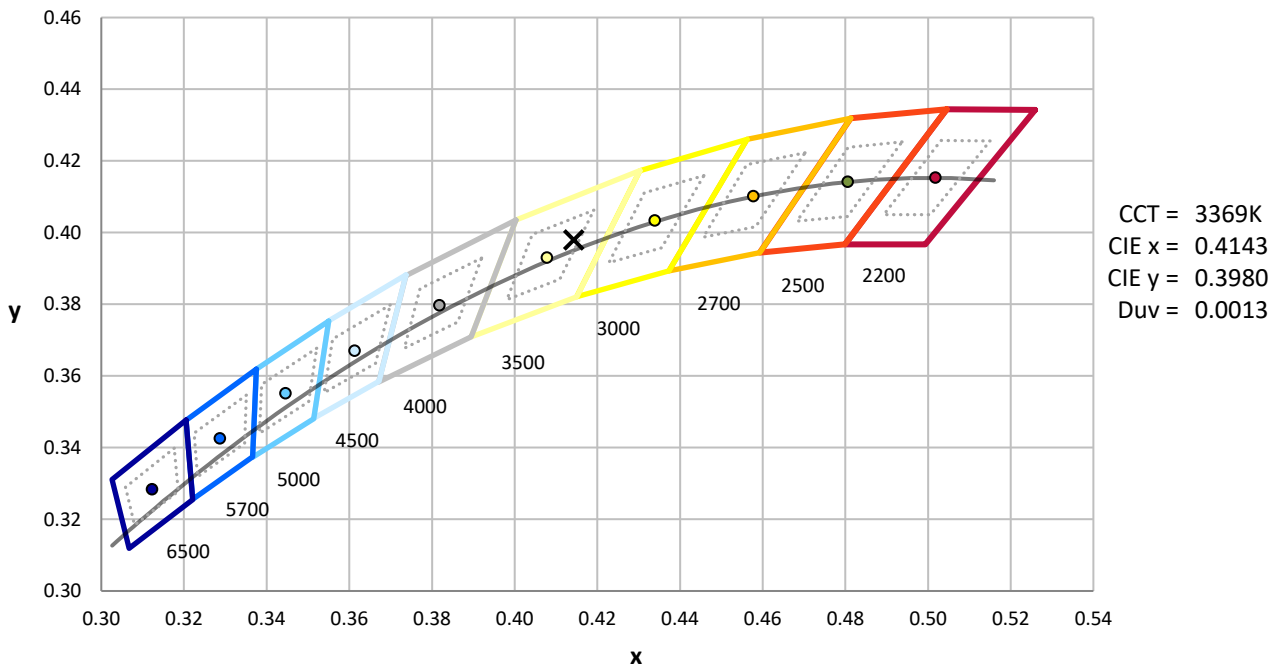
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

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

REPORT NUMBER: SP1-2407-184-5

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



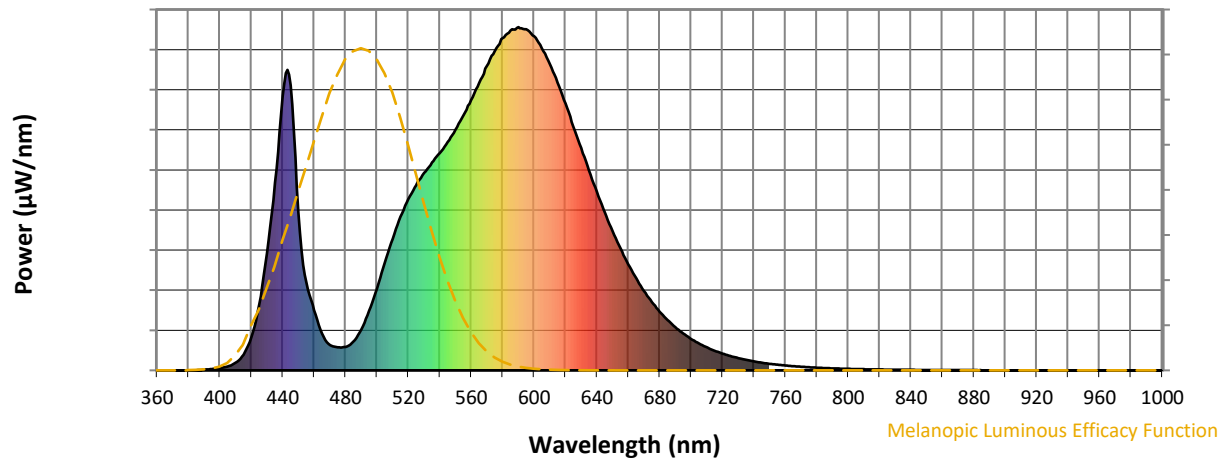
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

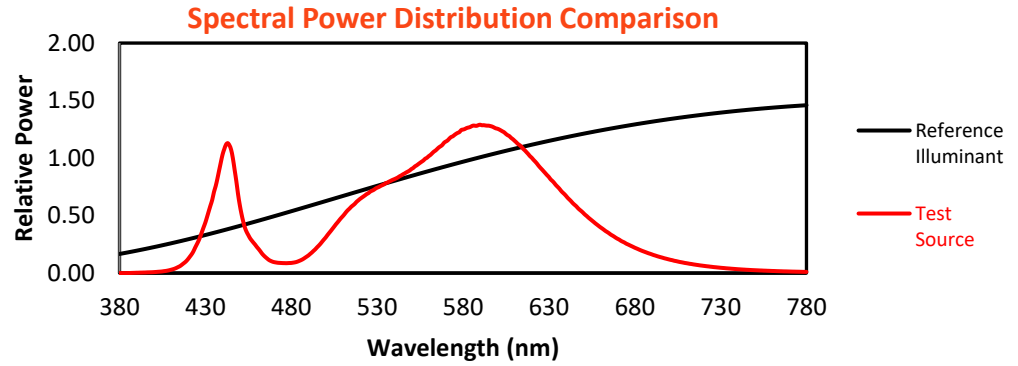
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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			

REPORT NUMBER: SP1-2407-184-5

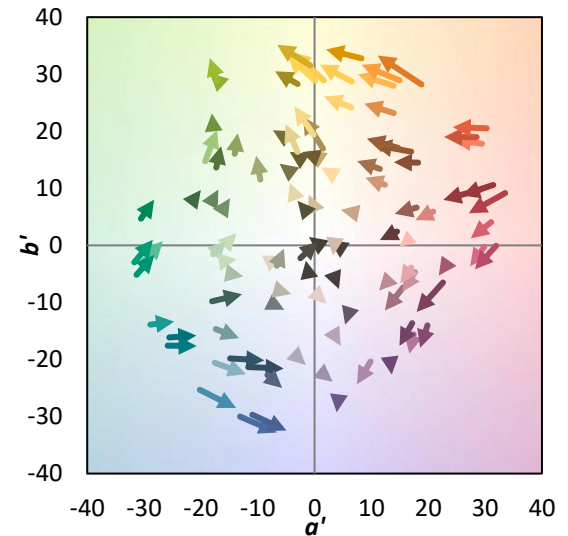
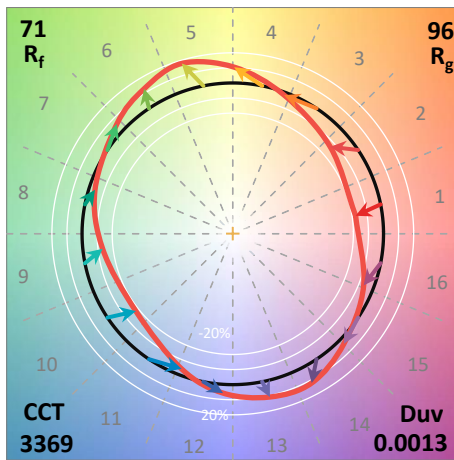
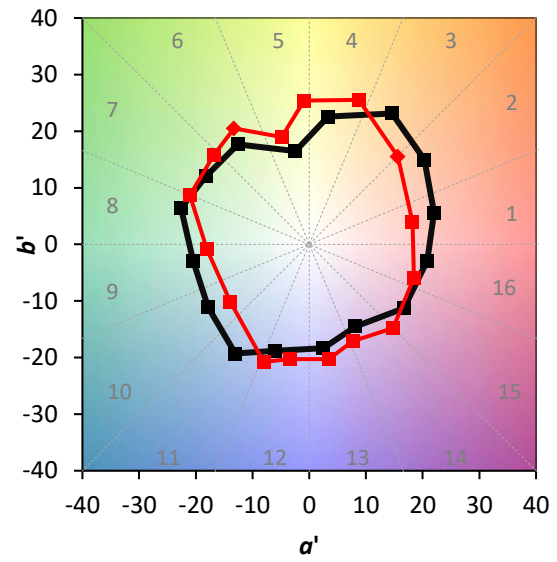
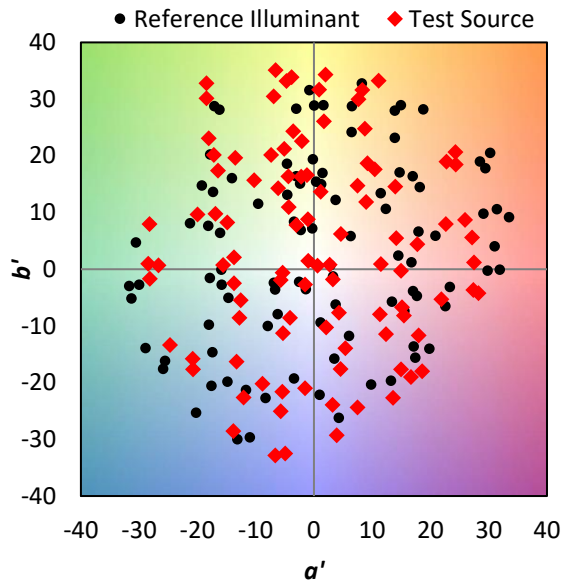
TM-30-18

Summary

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

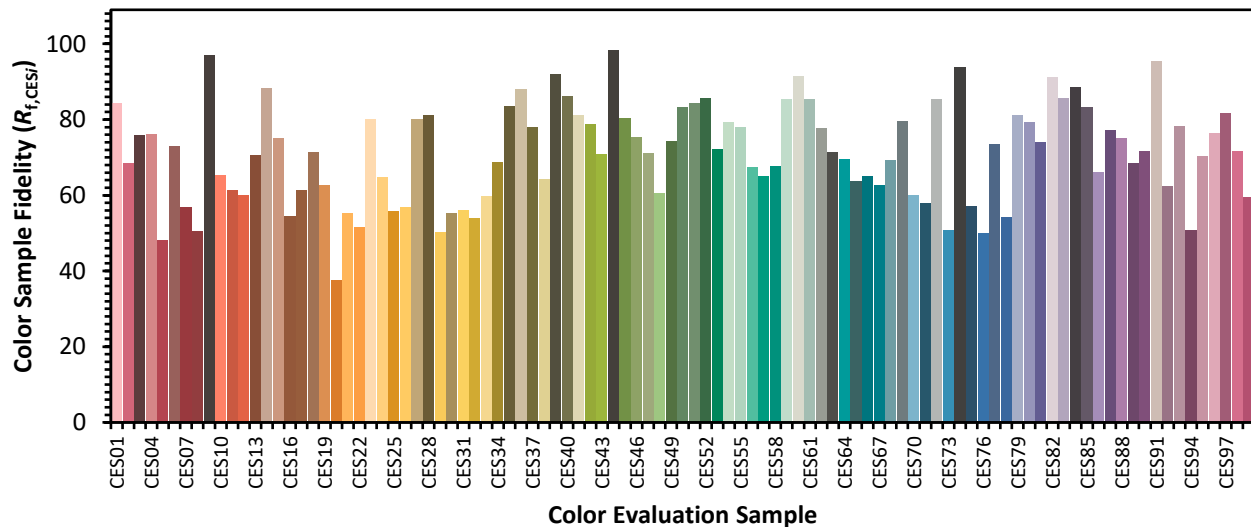


Color Vector Graphics

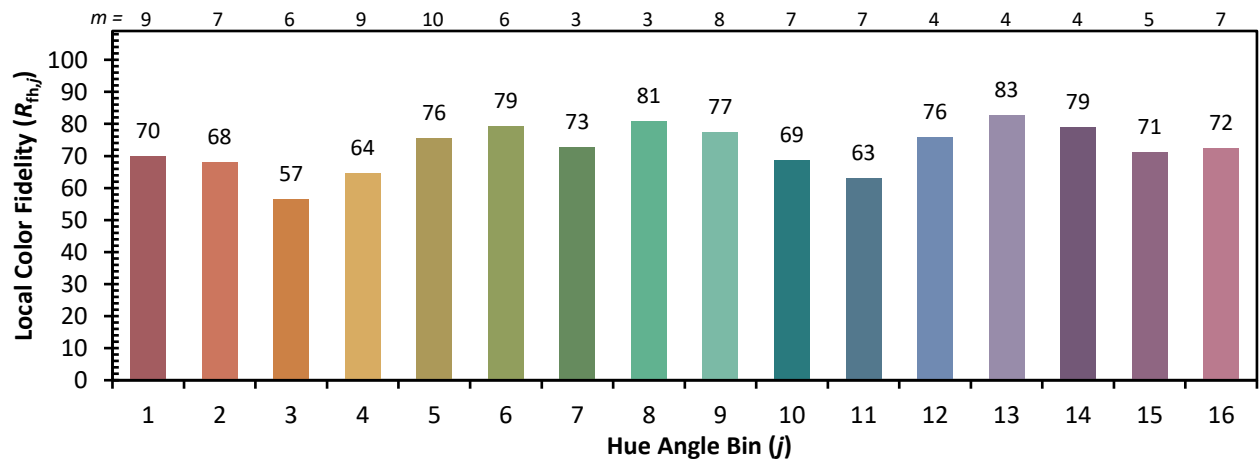
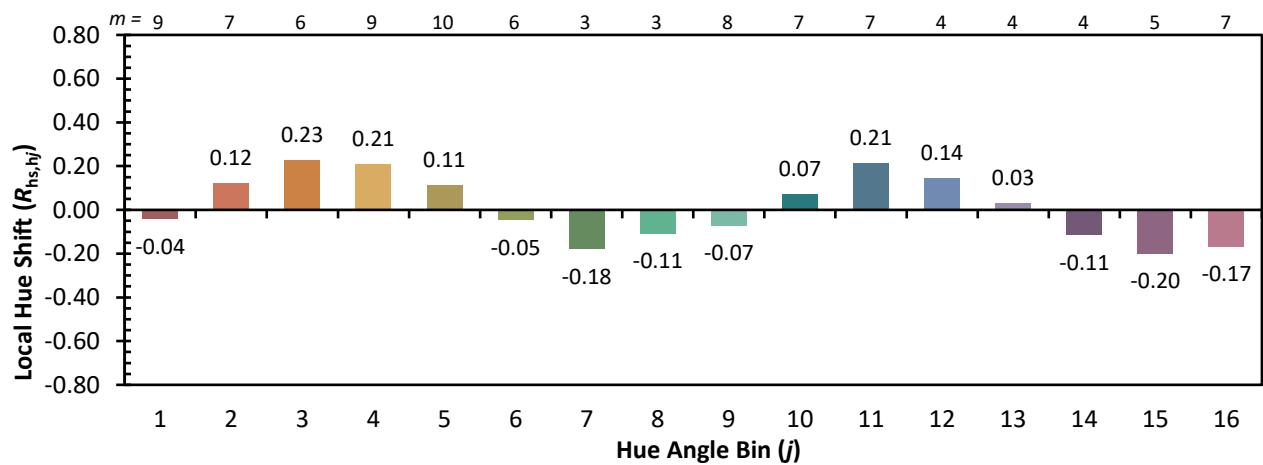
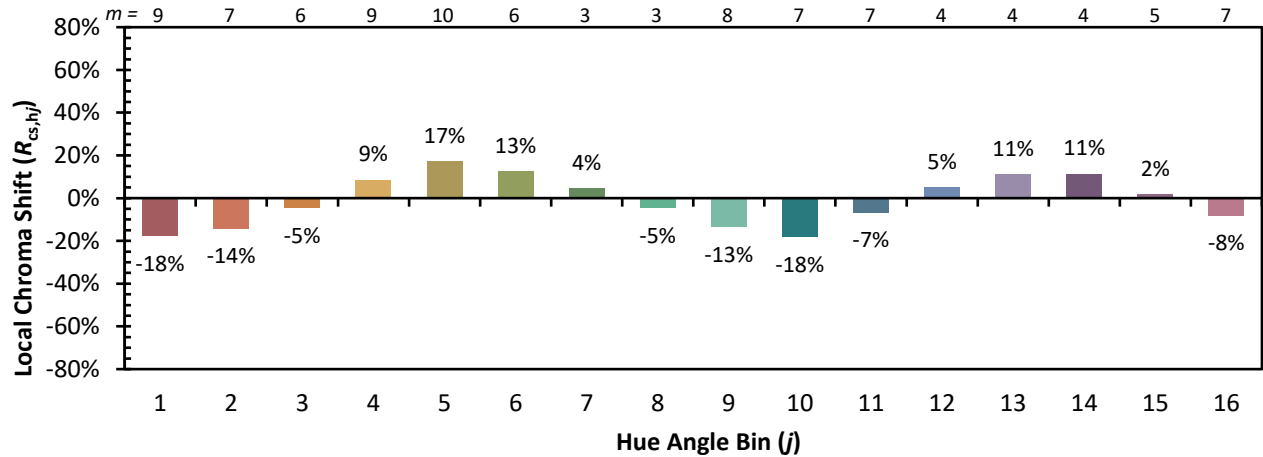


Individual Sample Fidelity Index ($R_{f,i}$)

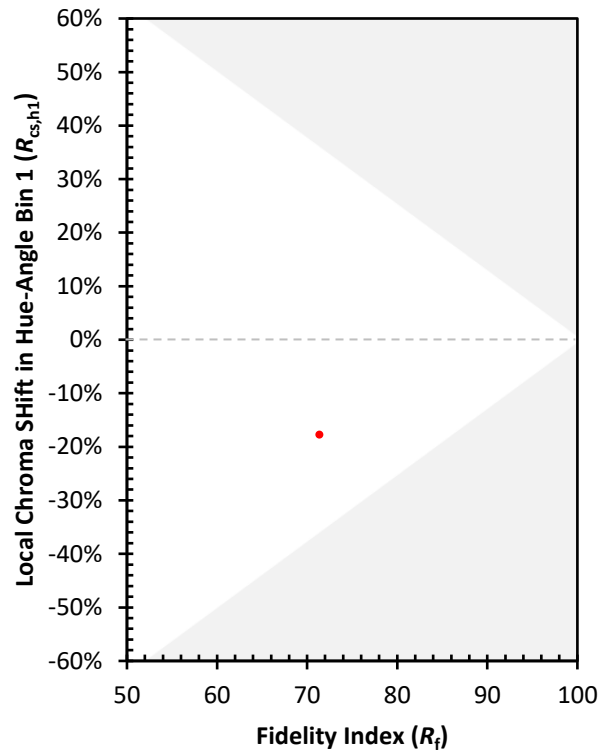
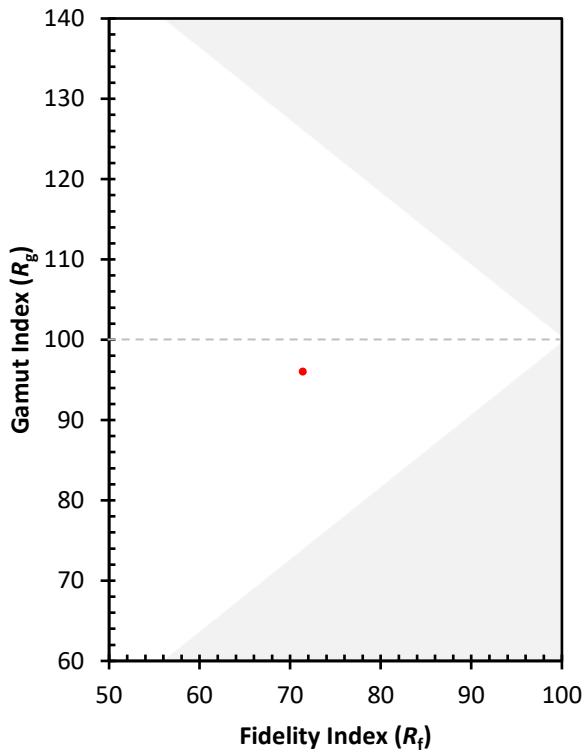
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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