

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: P1047185

Luminaire Tested: **GALN-SA8A-735-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047185
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 29480.5 lumens
Efficiency: N/A
Efficacy: 135.5 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): 217.6
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



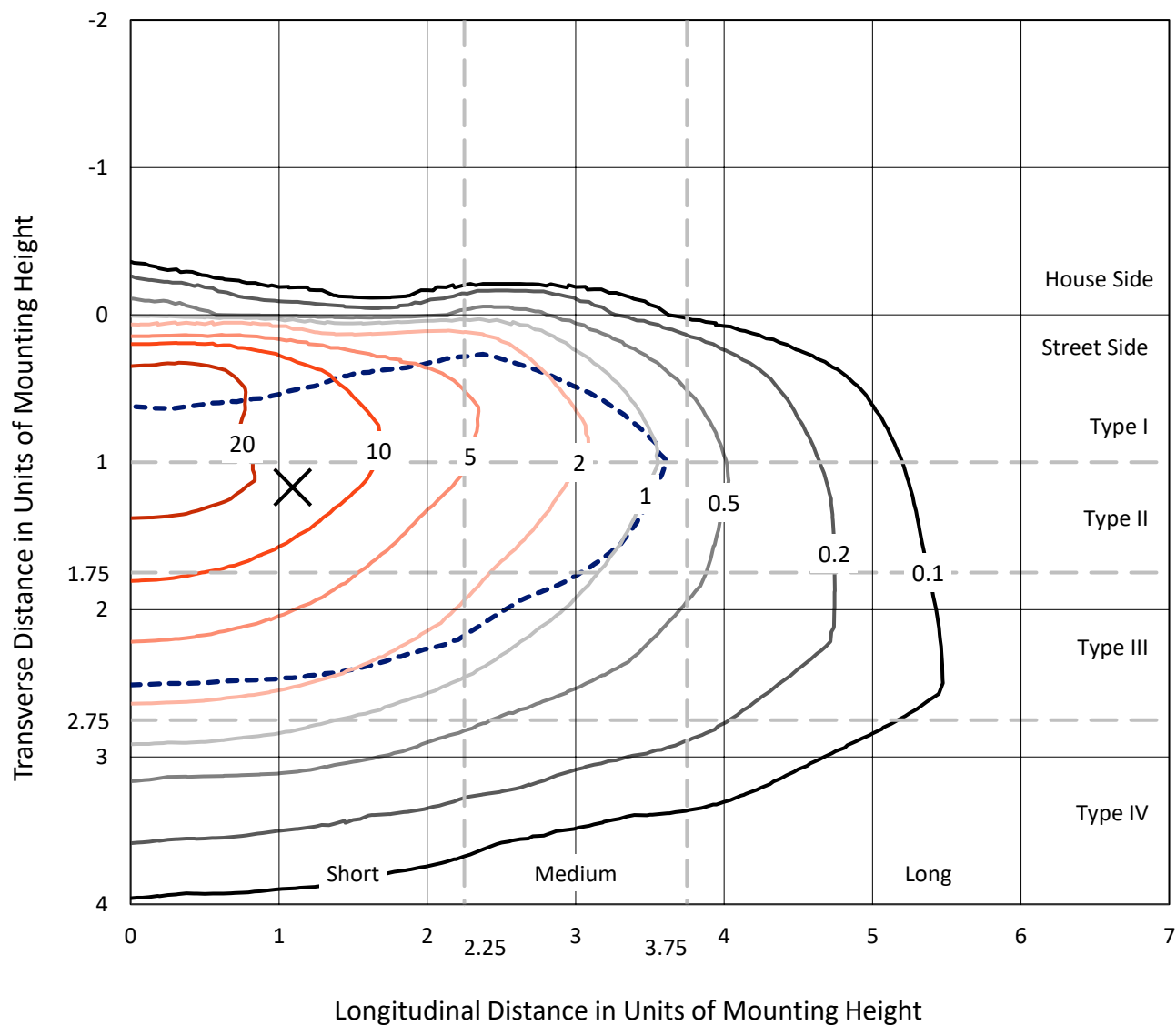
REPORT NUMBER: P1047185

CATALOG NUMBER: GALN-SA8A-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

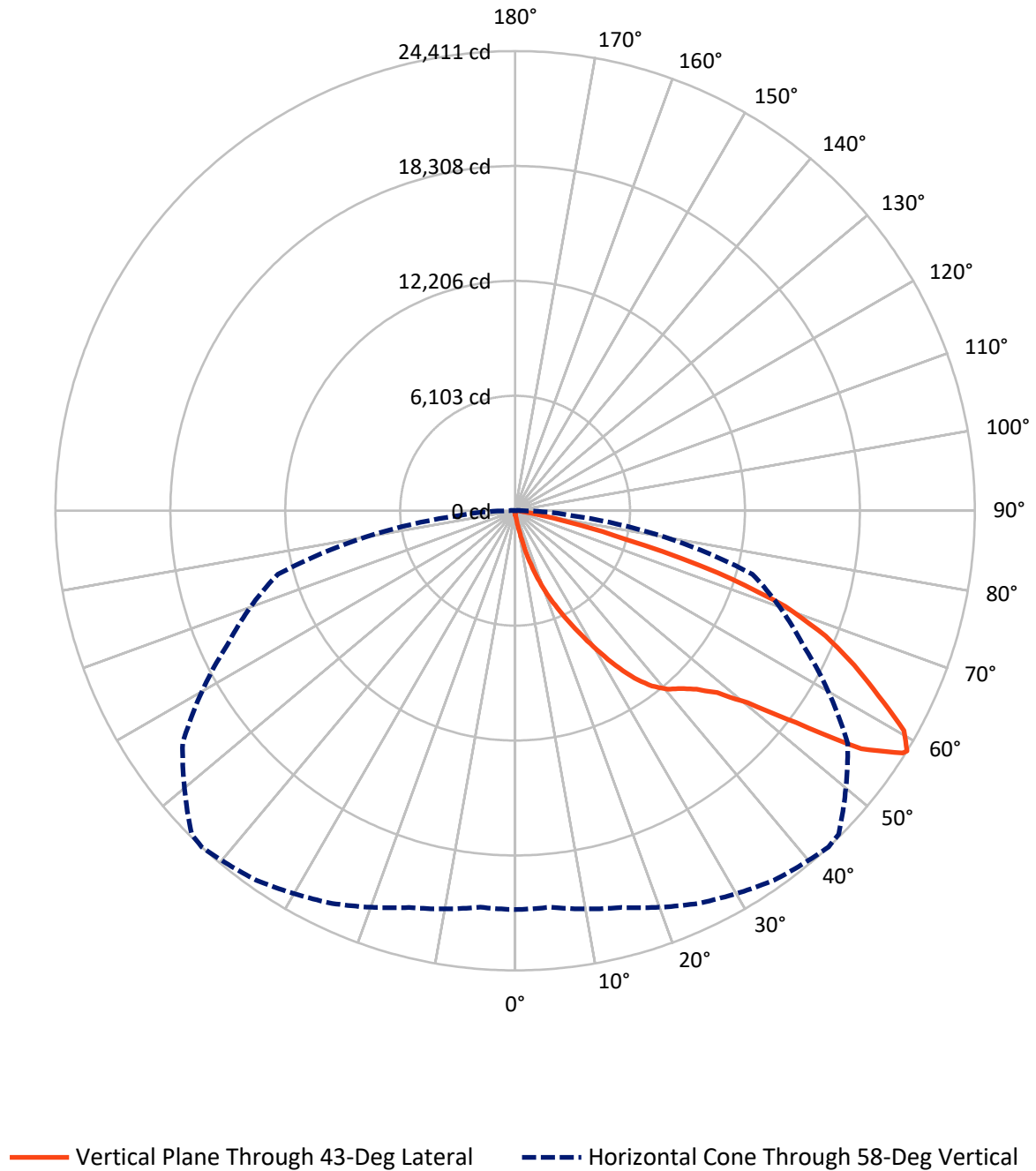


Based on 15 foot mounting height. Maximum calculated value = 33.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1047185

CATALOG NUMBER: GALN-SA8A-735-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047185

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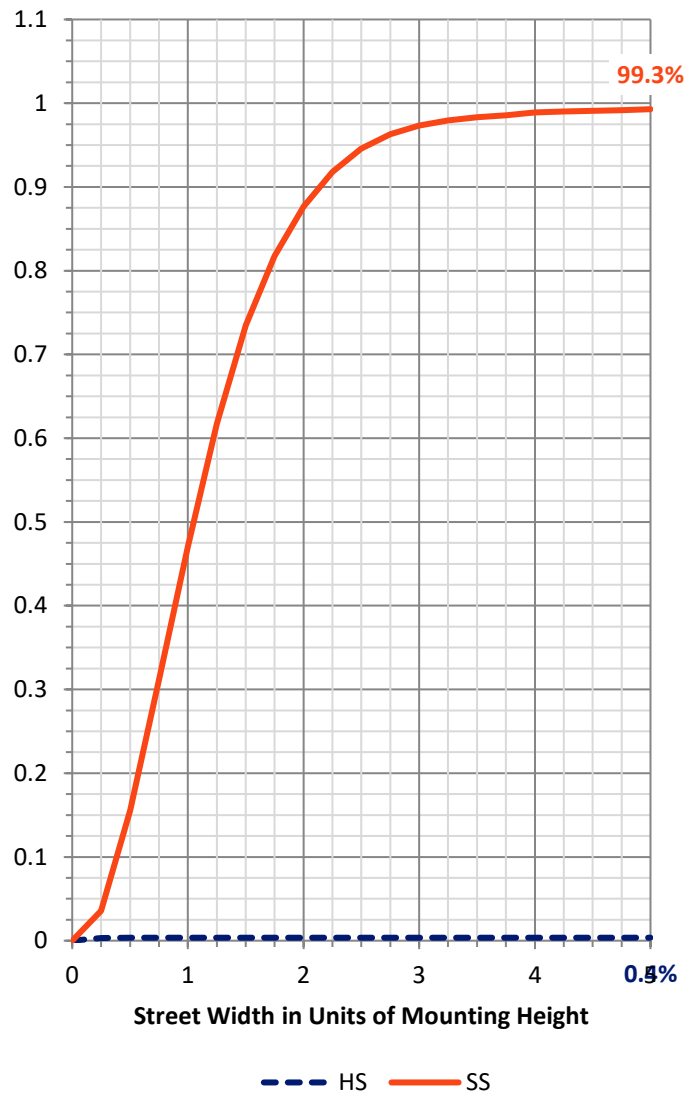
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	107.6	0.0	107.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29372.9	0.0	29372.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	29480.5	0.0	29480.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.2	0.1
10°-20°	338.9	1.1
20°-30°	1221.4	4.1
30°-40°	2794.6	9.5
40°-50°	4713.4	16.0
50°-60°	7778.2	26.4
60°-70°	8693.1	29.5
70°-80°	3589.2	12.2
80°-90°	323.6	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°	29480.5	100.0
0°-180°	29480.5	100.0



REPORT NUMBER: P1047185

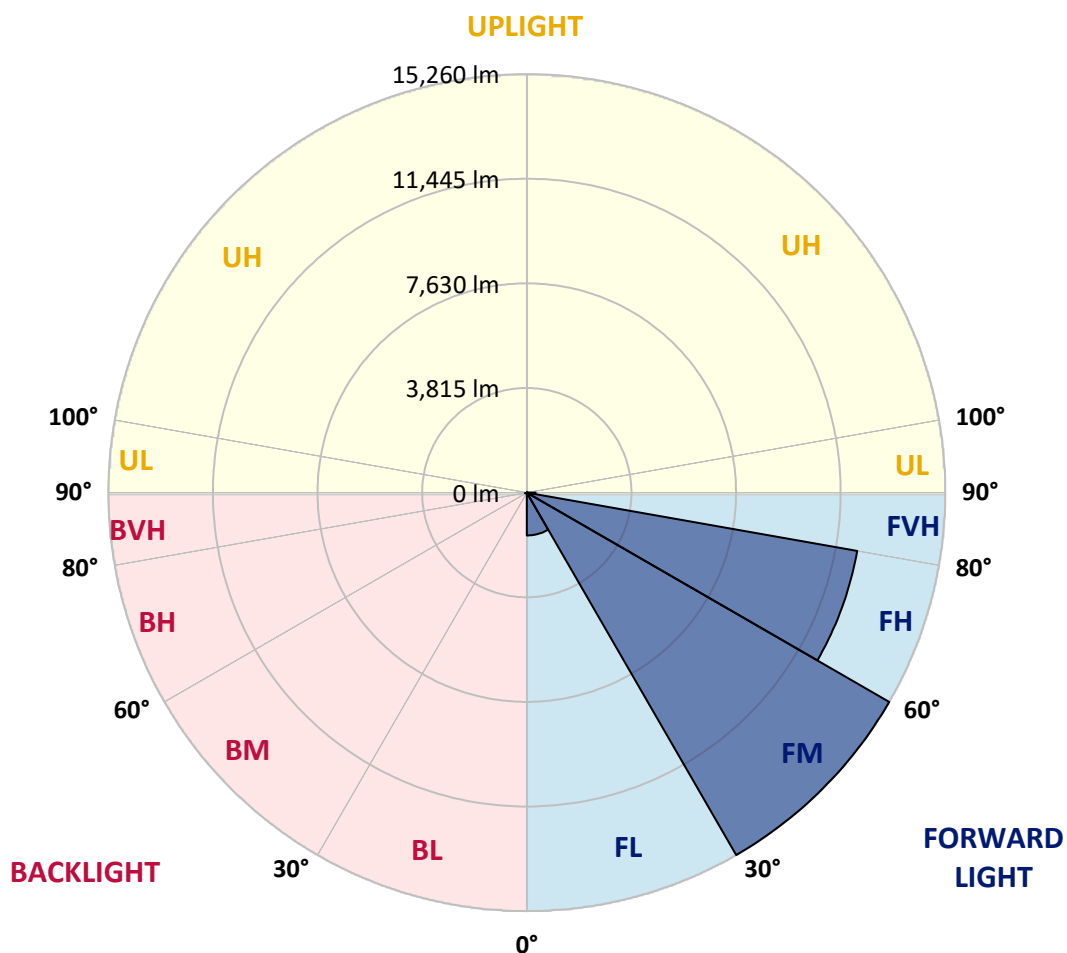
CATALOG NUMBER: GALN-SA8A-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1560.5	5.3			
FM	(30°-60°)	15260.3	51.8			
FH	(60°-80°)	12233.1	41.5			G5
FVH	(80°-90°)	319.1	1.1			G3/500
BL	(0°-30°)	28.1	0.1	B0/110		
BM	(30°-60°)	25.8	0.1	B0/220		
BH	(60°-80°)	49.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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: P1047185

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8
2.5°	231.3	239.0	231.3	231.3	231.3	223.6	223.6	215.9	215.9	208.2	200.5
5°	339.3	339.3	316.1	300.7	285.3	277.6	269.9	254.4	239.0	223.6	208.2
7.5°	755.6	755.6	686.2	593.7	470.3	400.9	385.5	316.1	269.9	239.0	208.2
10°	1804.2	1804.2	1650.0	1395.6	1079.5	801.9	717.1	454.9	323.8	254.4	215.9
12.5°	2999.3	3037.9	2845.1	2521.3	2051.0	1565.2	1395.6	832.7	431.8	277.6	215.9
15°	4071.1	3978.6	3924.6	3616.2	3169.0	2590.7	2374.8	1403.3	624.5	316.1	215.9
17.5°	4795.9	4795.9	4718.8	4510.6	4101.9	3593.0	3415.7	2266.9	1010.1	362.4	223.6
20°	5644.0	5644.0	5505.2	5358.7	4996.3	4564.5	4394.9	3222.9	1565.2	462.6	223.6
22.5°	6669.5	6684.9	6530.7	6268.5	5921.6	5443.5	5297.0	4109.6	2266.9	616.8	231.3
25°	7918.6	7934.0	7710.4	7463.6	6931.6	6415.0	6191.4	5127.4	3122.7	863.6	231.3
27.5°	9298.7	9406.7	9075.1	8651.0	8088.2	7440.5	7270.9	6044.9	3970.8	1218.2	246.7
30°	11018.1	11018.1	10578.6	9984.9	9375.8	8573.9	8358.1	7008.7	4873.0	1688.6	262.2
32.5°	12498.5	12382.9	11820.0	11195.5	10547.8	9799.9	9568.6	8018.8	5798.2	2274.6	293.0
35°	13632.0	13531.7	12837.8	12167.0	11604.1	10917.9	10640.3	9113.7	6777.4	2937.7	339.3
37.5°	14603.5	14564.9	13624.2	12783.8	12413.7	11812.3	11565.6	10146.9	7741.2	3654.7	393.2
40°	15667.5	15544.1	14541.8	13500.9	12945.7	12460.0	12236.4	10979.6	8666.5	4495.2	470.3
42.5°	16577.3	16430.8	15528.7	14510.9	13562.6	12907.2	12691.3	11681.2	9568.6	5335.6	570.6
45°	17587.4	17510.3	16600.4	15829.4	14564.9	13516.3	13231.0	12244.1	10393.6	6337.9	701.6
47.5°	19106.3	18967.5	18119.4	17487.1	16022.2	14441.5	14032.9	12822.4	11187.8	7324.9	902.1
50°	20872.0	20779.5	20278.3	19777.1	18319.9	16022.2	15536.4	13655.1	12074.5	8496.8	1164.3
52.5°	22313.8	22298.4	22360.1	22367.8	21265.2	18682.3	17957.5	14996.7	13092.2	9653.4	1534.4
55°	22283.0	22352.4	23030.9	23809.7	23894.5	22313.8	21612.2	17255.8	14418.4	11079.8	2051.0
57.5°	21450.3	21396.3	22113.4	23285.3	24110.4	24280.0	24164.3	20764.1	16415.4	12799.2	2845.1
58°	21180.4	21134.2	21812.7	23007.8	23956.2	24411.1	24295.4	21558.2	16862.6	13046.0	3061.0
60°	20201.2	20208.9	20609.8	21697.0	22645.4	23724.8	23832.8	23825.1	19090.9	14696.0	4148.2
62.5°	18905.9	18844.2	19214.3	20101.0	20933.7	21658.5	21843.5	23979.3	22352.4	16793.2	6222.3
65°	17117.0	17024.5	17417.7	18420.1	19314.5	19784.8	19792.5	21912.9	23886.8	19044.6	9183.1
67.5°	13793.9	13716.8	14503.2	15790.9	17171.0	17787.8	18065.4	19013.8	22591.4	20571.3	10879.3
70°	8450.6	8612.5	9707.4	11727.5	14086.9	15220.3	15636.7	15929.6	19237.4	20340.0	9098.2
72.5°	3901.5	3708.7	4641.6	6052.6	8743.6	11264.9	11696.6	12845.5	15251.1	17656.8	6785.1
75°	1819.6	1750.3	1966.1	2644.7	3963.1	6083.5	6869.9	10254.8	11696.6	12282.6	4896.1
77.5°	933.0	940.7	1118.0	1202.8	1634.6	2814.3	3230.6	6746.6	8573.9	6854.5	3284.6
80°	408.7	424.1	431.8	470.3	663.1	1087.2	1226.0	3130.4	5859.9	3492.8	1796.5
82.5°	262.2	269.9	269.9	269.9	316.1	431.8	493.5	1256.8	2922.2	1734.8	555.1
85°	138.8	138.8	154.2	192.8	223.6	262.2	277.6	400.9	963.8	516.6	131.1
87.5°	77.1	84.8	92.5	115.7	146.5	177.3	192.8	277.6	370.1	354.7	30.8
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: P1047185

CATALOG NUMBER: GALN-SA8A-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8	192.8
2.5°	200.5	192.8	185.0	177.3	169.6	161.9	161.9	161.9	161.9	161.9	161.9
5°	192.8	185.0	177.3	161.9	146.5	138.8	131.1	123.4	123.4	123.4	123.4
7.5°	192.8	185.0	161.9	146.5	131.1	115.7	100.2	100.2	100.2	100.2	100.2
10°	192.8	177.3	154.2	131.1	107.9	92.5	84.8	77.1	77.1	77.1	77.1
12.5°	192.8	169.6	146.5	115.7	92.5	77.1	69.4	61.7	61.7	61.7	61.7
15°	192.8	169.6	138.8	107.9	84.8	61.7	54.0	46.3	46.3	46.3	46.3
17.5°	185.0	161.9	131.1	92.5	69.4	46.3	38.6	30.8	30.8	38.6	38.6
20°	177.3	154.2	115.7	77.1	54.0	38.6	23.1	23.1	23.1	23.1	23.1
22.5°	177.3	154.2	107.9	69.4	46.3	23.1	15.4	15.4	15.4	15.4	23.1
25°	177.3	146.5	92.5	54.0	30.8	15.4	7.7	7.7	7.7	7.7	7.7
27.5°	177.3	146.5	84.8	46.3	23.1	15.4	7.7	0.0	0.0	0.0	0.0
30°	169.6	138.8	77.1	38.6	15.4	7.7	0.0	0.0	0.0	0.0	0.0
32.5°	169.6	131.1	61.7	30.8	15.4	7.7	0.0	0.0	0.0	0.0	0.0
35°	177.3	123.4	54.0	23.1	7.7	0.0	0.0	0.0	0.0	0.0	7.7
37.5°	185.0	115.7	46.3	15.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	192.8	107.9	46.3	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	208.2	107.9	38.6	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	223.6	107.9	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	254.4	115.7	30.8	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	277.6	123.4	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	308.4	115.7	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	347.0	115.7	23.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	377.8	107.9	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	393.2	100.2	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	470.3	92.5	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	732.5	77.1	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1488.1	69.4	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2775.7	61.7	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3107.3	69.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1958.4	54.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1033.2	54.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	516.6	54.0	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	239.0	38.6	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	100.2	23.1	15.4	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0
85°	46.3	23.1	15.4	15.4	7.7	7.7	0.0	0.0	0.0	0.0	0.0
87.5°	23.1	23.1	23.1	15.4	15.4	7.7	7.7	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

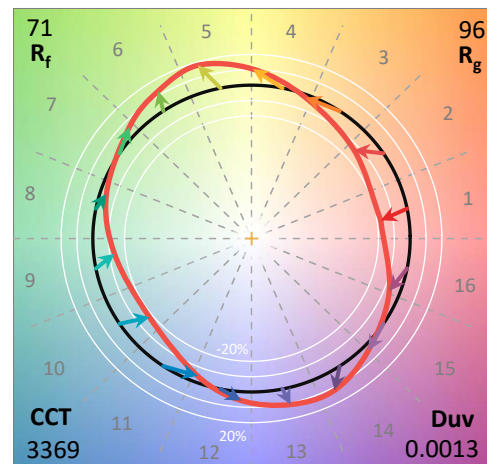
Test Information

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
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

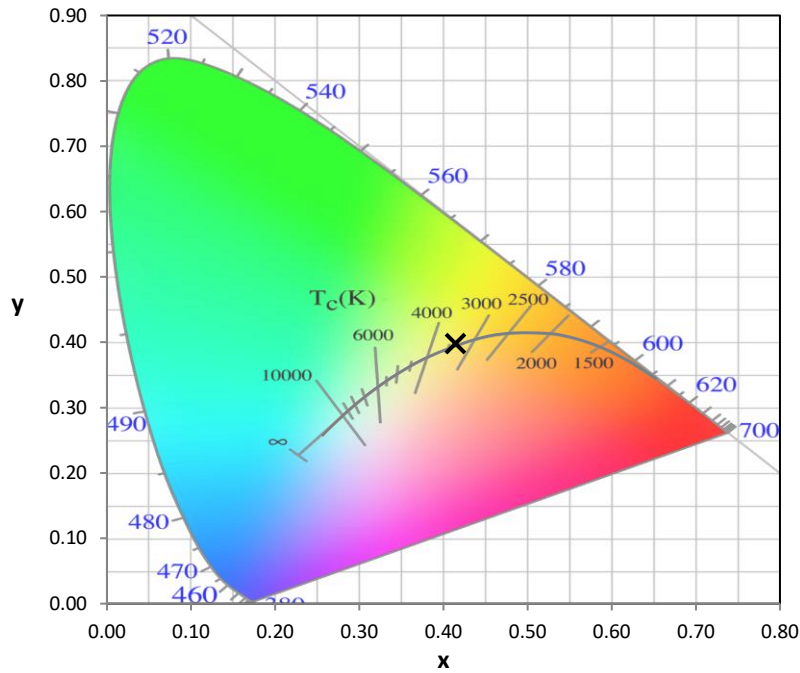
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

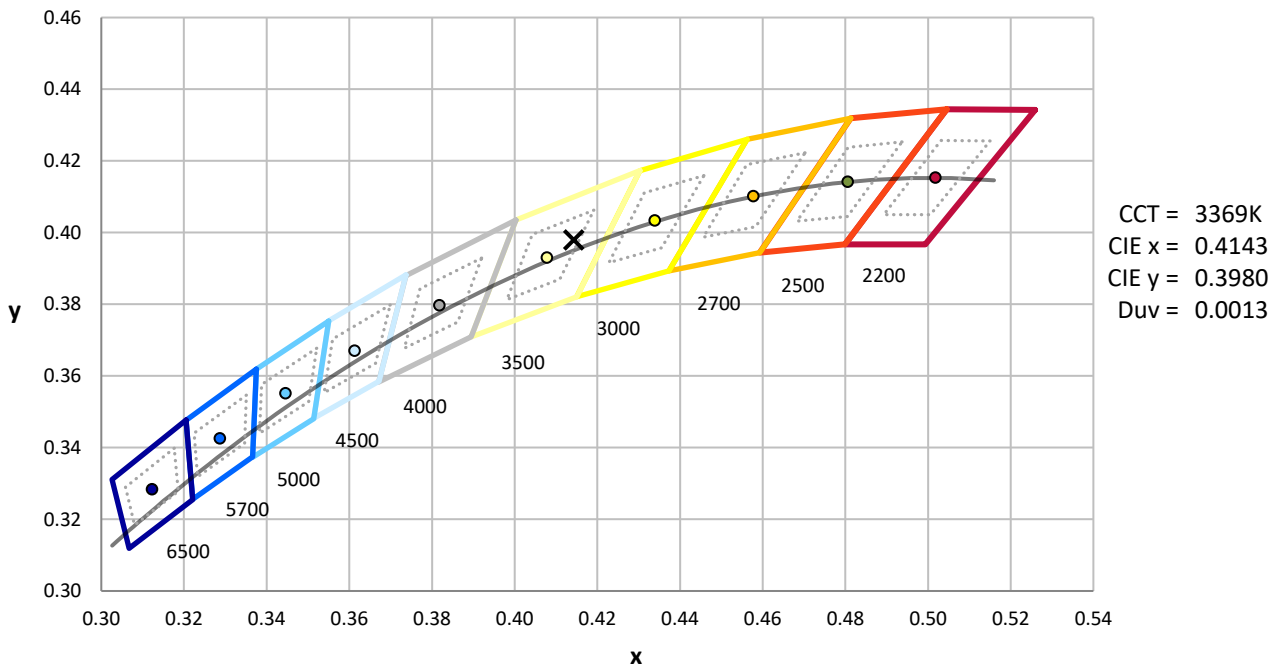
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

Scotopic Flux vs. Wavelength



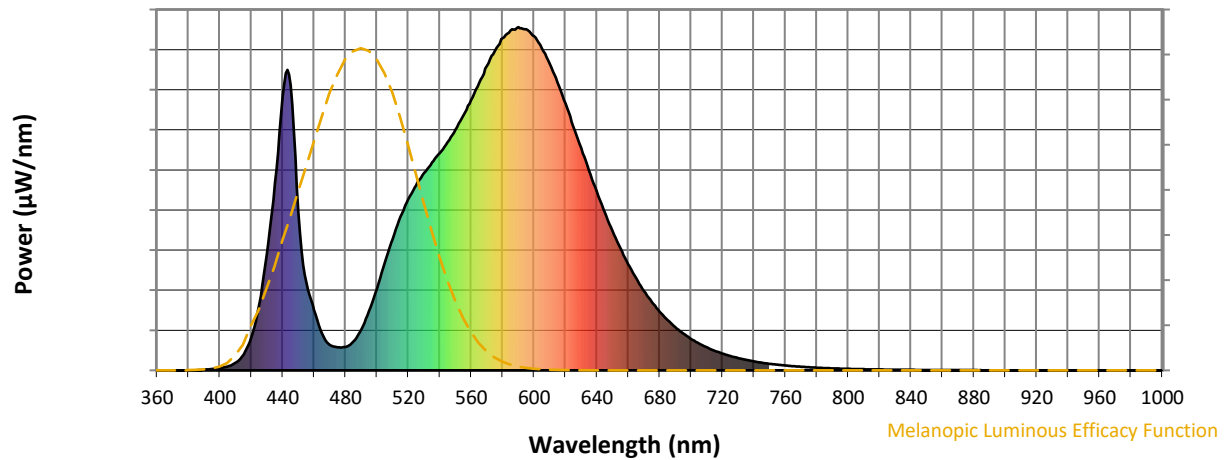
Scotopic Lumens: NR

S/P: 1.29

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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

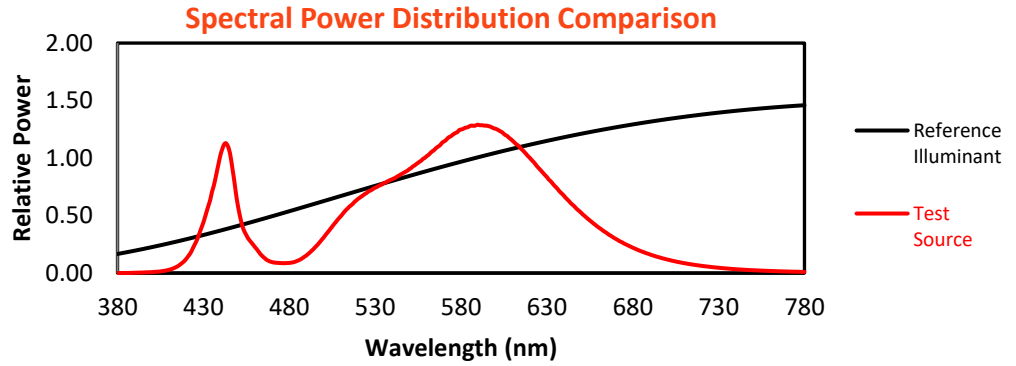
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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

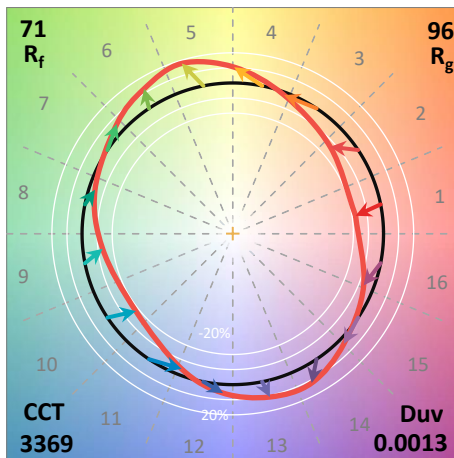
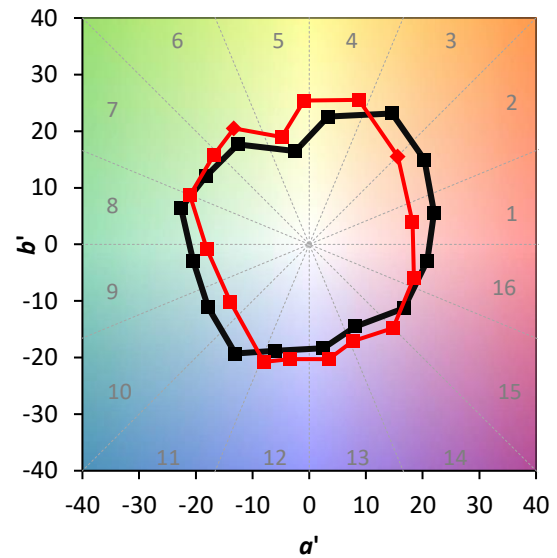
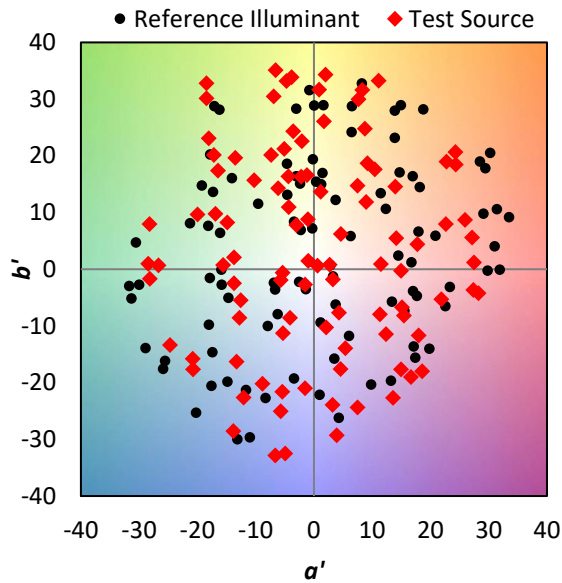
TM-30-18

Summary

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



Color Vector Graphics



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

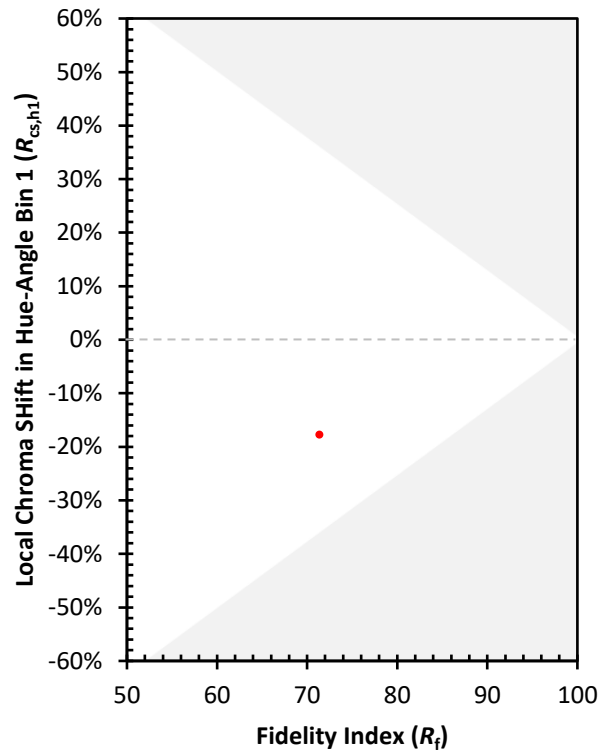
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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