

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: P1047802

Luminaire Tested: **GALN-SA9B-735-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047802
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-735-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 38899.3 lumens
Efficiency: N/A
Efficacy: 124.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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



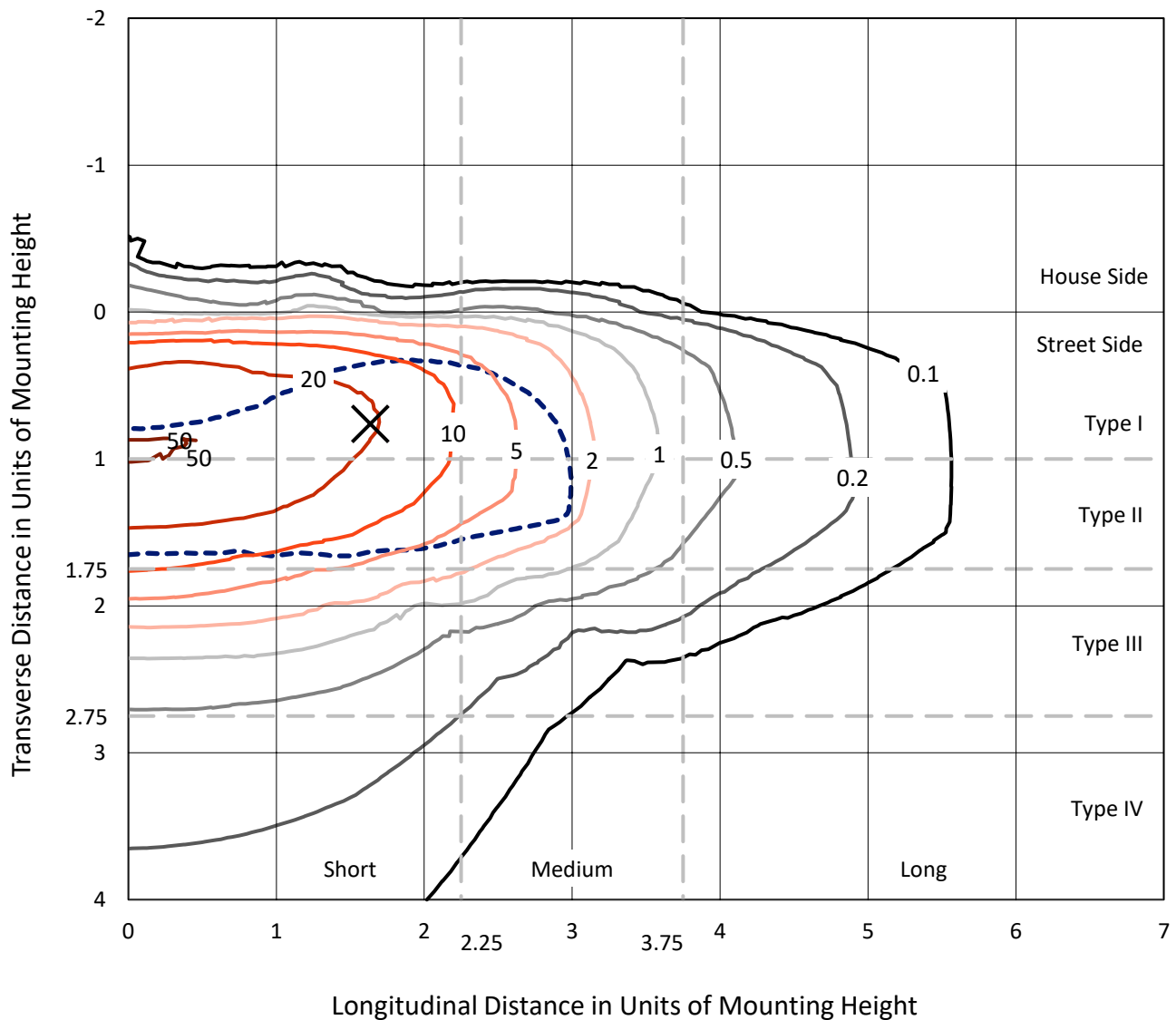
REPORT NUMBER: P1047802

CATALOG NUMBER: GALN-SA9B-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

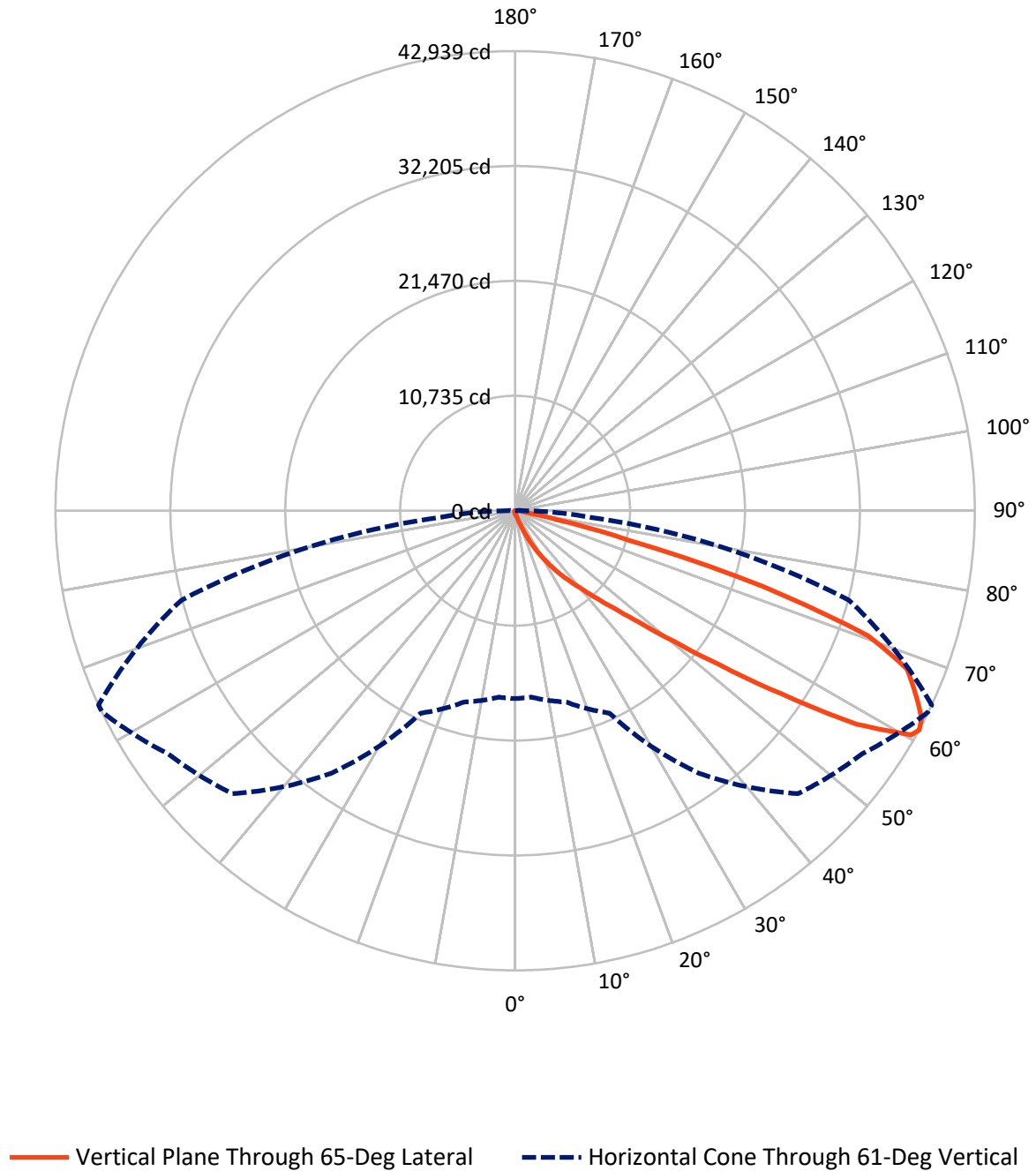


Based on 15 foot mounting height. Maximum calculated value = 51.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1047802

CATALOG NUMBER: GALN-SA9B-735-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047802

CATALOG NUMBER: GALN-SA9B-735-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	166.1	0.0	166.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	38733.2	0.0	38733.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	38899.3	0.0	38899.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.3	0.1
10°-20°	319.9	0.8
20°-30°	1148.0	3.0
30°-40°	3056.4	7.9
40°-50°	8029.0	20.6
50°-60°	12438.5	32.0
60°-70°	10429.5	26.8
70°-80°	3069.2	7.9
80°-90°	378.6	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°	38899.3	100.0
0°-180°	38899.3	100.0



REPORT NUMBER: P1047802

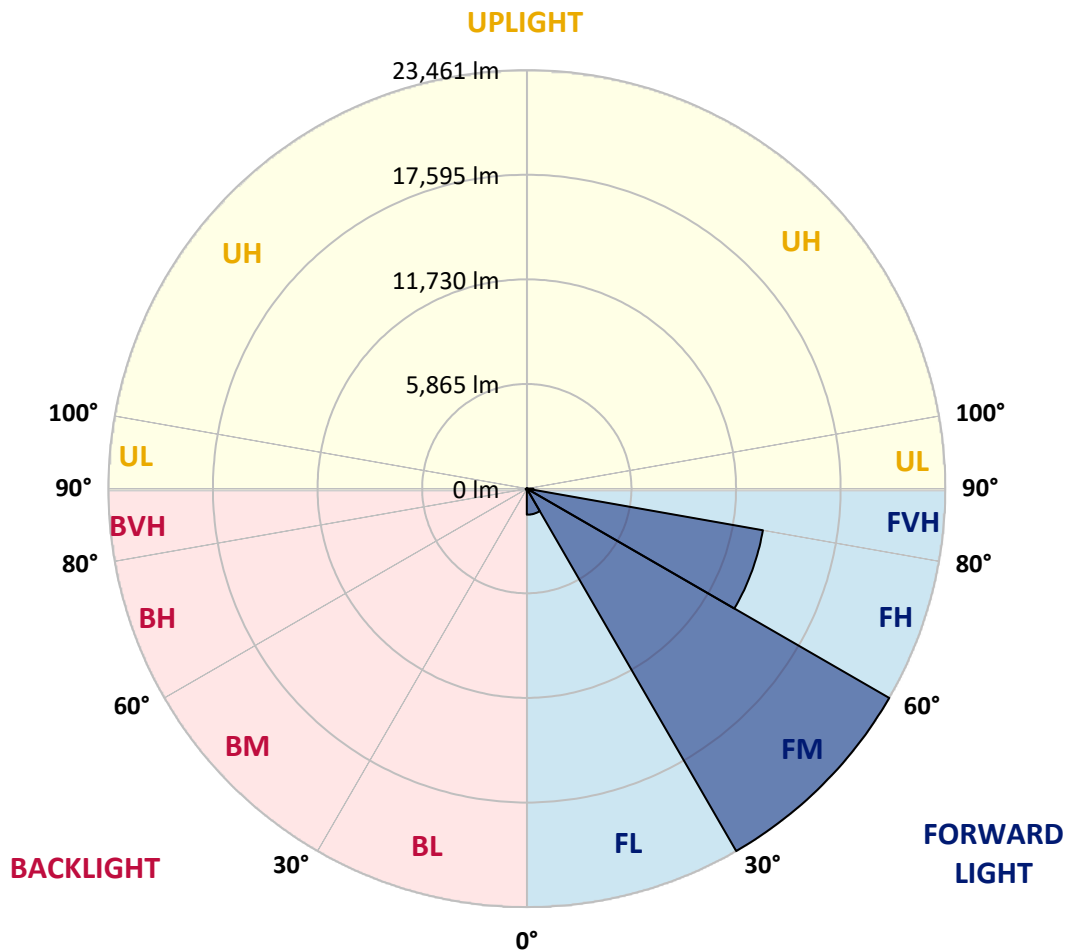
CATALOG NUMBER: GALN-SA9B-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1460.9	3.8			
FM	(30°-60°)	23460.7	60.3			
FH	(60°-80°)	13440.1	34.6			G5
FVH	(80°-90°)	371.6	1.0			G3/500
BL	(0°-30°)	37.3	0.1	B0/110		
BM	(30°-60°)	63.2	0.2	B0/220		
BH	(60°-80°)	58.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	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 II Short



REPORT NUMBER: P1047802

CATALOG NUMBER: GALN-SA9B-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2.5°	289.0	291.7	286.3	275.6	267.6	267.6	264.9	256.9	256.9	248.9	243.5
5°	404.1	398.7	388.0	366.6	347.9	329.1	310.4	291.7	289.0	264.9	248.9
7.5°	660.9	666.3	631.5	564.6	508.4	436.2	369.3	329.1	323.8	283.6	251.5
10°	1450.3	1410.2	1329.9	1070.3	880.4	663.6	492.4	382.6	377.3	305.0	256.9
12.5°	2643.7	2611.6	2464.5	2196.9	1707.2	1188.1	719.8	473.6	457.6	323.8	259.6
15°	3810.4	3759.6	3679.3	3409.0	2836.4	2130.0	1177.4	647.6	604.7	350.5	256.9
17.5°	4554.3	4562.3	4490.1	4375.0	4005.8	3152.2	2033.6	966.0	883.0	398.7	251.5
20°	5204.5	5185.8	5225.9	5164.4	4904.8	4284.0	2959.5	1530.6	1388.8	476.3	254.2
22.5°	5953.8	5999.3	6028.7	6015.3	5729.0	5199.2	4011.1	2290.5	2111.2	618.1	262.2
25°	6957.2	6951.9	6954.5	6919.8	6641.5	6052.8	5065.4	3235.1	3053.1	848.2	281.0
27.5°	8008.8	8040.9	8054.3	7928.6	7564.6	6986.7	6042.1	4268.0	4053.9	1217.5	305.0
30°	9445.8	9419.0	9357.5	9100.6	8659.1	7941.9	7005.4	5351.7	5126.9	1734.0	342.5
32.5°	11383.1	11353.6	11043.2	10476.0	9815.0	8937.3	7974.0	6438.1	6165.2	2378.8	393.4
35°	14575.4	14620.9	13858.2	12389.2	11203.8	10133.5	9047.1	7519.1	7278.3	3173.6	462.9
37.5°	19464.1	19215.3	18179.7	15584.2	13031.4	11626.6	10071.9	8610.9	8402.2	4152.9	553.9
40°	24213.8	23967.6	23667.9	21208.8	16207.6	13272.2	11506.2	9892.6	9622.4	5258.0	687.7
42.5°	29206.9	29070.5	29057.1	27202.7	22003.5	15859.8	13232.1	11393.8	11163.7	6470.2	907.1
45°	32744.4	32607.9	32894.3	33218.0	29897.3	21404.1	16237.1	13344.5	13010.0	7941.9	1257.7
47.5°	33220.7	33226.1	33991.4	35005.5	35762.8	29980.2	20240.1	15929.3	15522.6	10047.8	1846.3
50°	31636.6	31698.1	32915.7	34729.9	36768.9	37175.6	27299.0	19680.9	19078.8	12544.4	2681.2
52.5°	28620.9	28690.5	30387.0	33370.6	35843.0	38904.2	35610.2	24588.4	23895.4	15659.1	3858.6
55°	25904.9	25947.7	27893.1	31663.4	34727.2	37965.0	40544.5	31141.6	30231.8	19490.9	5019.9
57.5°	23215.7	23116.7	24382.4	28698.5	34537.2	36811.7	41272.3	38609.9	37606.4	23678.6	5924.3
60°	19619.3	19453.4	20470.3	23215.7	32038.0	37569.0	39910.3	42741.4	42513.9	29509.3	6622.7
61°	17550.9	17481.3	18503.5	20858.3	29934.8	37376.3	39583.9	42915.3	42939.4	32268.1	6935.8
62.5°	12533.7	12731.7	14294.4	17355.6	25072.7	36126.7	39626.7	42377.5	42615.6	35934.0	7746.6
65°	5571.1	5889.6	7104.4	9595.6	14580.7	30052.5	39246.7	41197.4	41079.7	36940.1	10540.2
67.5°	3304.7	3352.8	3957.6	5437.3	7722.5	16164.8	34633.6	39637.4	39479.5	32158.4	13114.4
70°	2603.6	2627.7	2820.3	3411.7	4482.1	6191.9	19766.5	34293.7	34981.4	26076.2	12838.7
72.5°	2469.8	2464.5	2491.2	2595.6	2823.0	3071.9	7652.9	22795.6	24195.1	18779.1	10765.0
75°	2437.7	2427.0	2400.2	2360.1	2044.4	1808.9	2370.8	10082.6	10893.4	12830.7	8105.2
77.5°	2365.5	2368.1	2373.5	2263.8	1752.7	1279.1	1147.9	3235.1	3979.0	8142.6	5761.1
80°	1600.2	1624.2	1664.4	1621.6	1576.1	925.8	810.8	1150.6	1166.7	4570.4	3805.1
82.5°	810.8	810.8	792.1	706.4	610.1	602.1	644.9	834.9	845.6	2311.9	1790.1
85°	489.7	516.4	527.1	479.0	438.8	404.1	492.4	663.6	687.7	896.4	417.4
87.5°	109.7	112.4	123.1	163.2	238.2	323.8	457.6	607.4	618.1	575.3	50.8
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: P1047802

CATALOG NUMBER: GALN-SA9B-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2	238.2
2.5°	240.8	235.5	232.8	224.8	216.7	208.7	203.4	200.7	203.4	206.0	206.0
5°	238.2	230.1	216.7	203.4	192.7	182.0	171.3	168.6	168.6	171.3	171.3
7.5°	238.2	224.8	206.0	190.0	173.9	157.9	149.8	144.5	147.2	147.2	147.2
10°	238.2	222.1	198.0	173.9	155.2	136.5	123.1	117.7	117.7	117.7	117.7
12.5°	235.5	219.4	190.0	160.6	133.8	112.4	96.3	88.3	91.0	91.0	91.0
15°	230.1	211.4	179.3	136.5	107.0	85.6	69.6	61.5	64.2	69.6	72.2
17.5°	222.1	203.4	160.6	115.1	85.6	64.2	48.2	42.8	45.5	53.5	53.5
20°	219.4	195.3	141.8	93.7	64.2	45.5	32.1	26.8	29.4	40.1	42.8
22.5°	219.4	190.0	128.4	77.6	48.2	29.4	18.7	10.7	10.7	18.7	18.7
25°	222.1	187.3	117.7	64.2	34.8	21.4	10.7	5.4	10.7	29.4	34.8
27.5°	227.4	184.6	112.4	53.5	26.8	18.7	8.0	18.7	32.1	32.1	32.1
30°	232.8	179.3	104.4	45.5	24.1	13.4	13.4	26.8	26.8	32.1	34.8
32.5°	240.8	176.6	99.0	40.1	18.7	10.7	18.7	16.1	16.1	18.7	21.4
35°	256.9	179.3	93.7	40.1	18.7	13.4	16.1	8.0	5.4	5.4	5.4
37.5°	278.3	182.0	85.6	34.8	16.1	16.1	8.0	0.0	0.0	0.0	0.0
40°	313.1	190.0	80.3	32.1	13.4	13.4	2.7	0.0	0.0	0.0	0.0
42.5°	371.9	206.0	77.6	29.4	13.4	10.7	0.0	0.0	0.0	0.0	0.0
45°	489.7	243.5	72.2	26.8	13.4	5.4	0.0	0.0	0.0	0.0	0.0
47.5°	703.7	331.8	69.6	21.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	1027.5	449.5	66.9	18.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1311.2	473.6	45.5	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1343.3	326.5	34.8	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1070.3	211.4	29.4	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	810.8	160.6	26.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	778.7	144.5	26.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	858.9	125.8	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1396.8	104.4	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2427.0	91.0	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3066.5	85.6	16.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2673.2	77.6	16.1	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1608.2	66.9	16.1	10.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	842.9	50.8	16.1	13.4	8.0	2.7	0.0	0.0	0.0	0.0	0.0
80°	409.4	45.5	18.7	13.4	10.7	5.4	0.0	0.0	0.0	0.0	0.0
82.5°	160.6	37.5	21.4	18.7	13.4	8.0	2.7	0.0	0.0	0.0	0.0
85°	72.2	32.1	24.1	21.4	18.7	10.7	2.7	0.0	0.0	0.0	0.0
87.5°	37.5	29.4	26.8	24.1	18.7	13.4	5.4	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

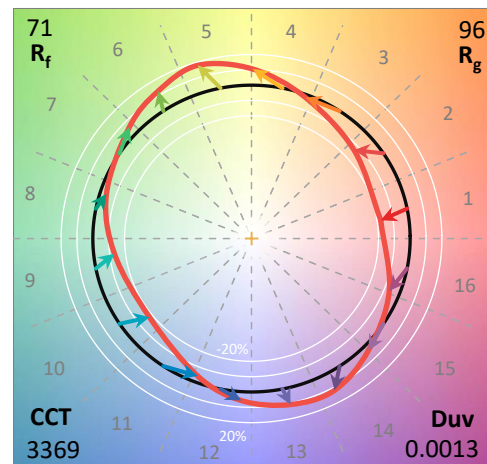
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

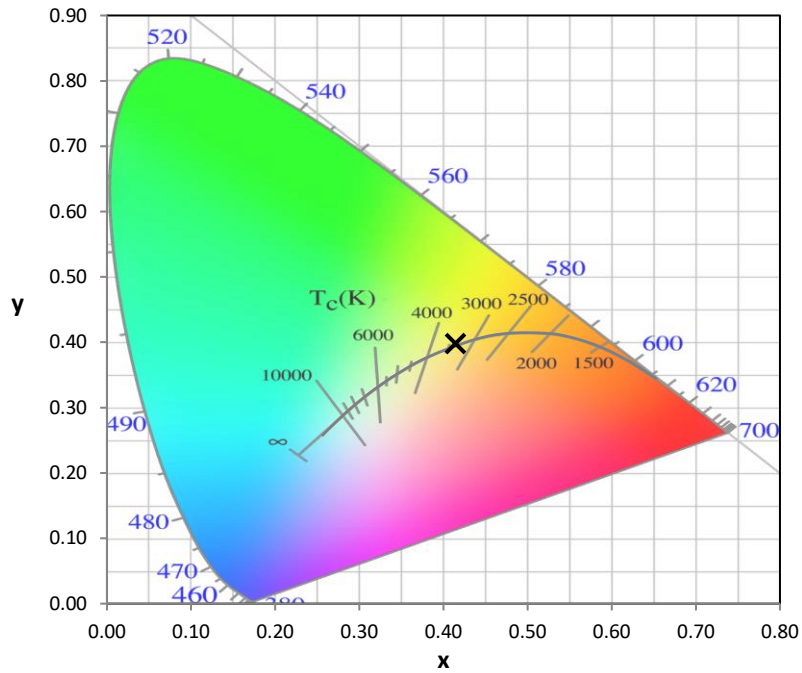
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

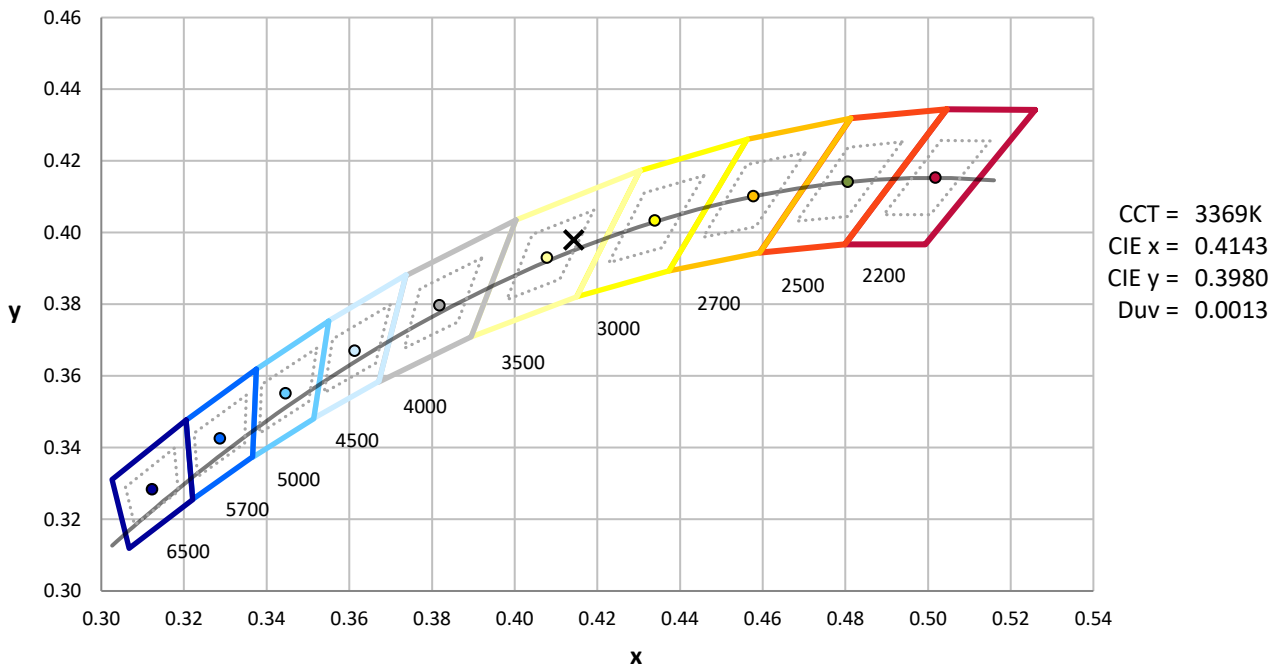
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



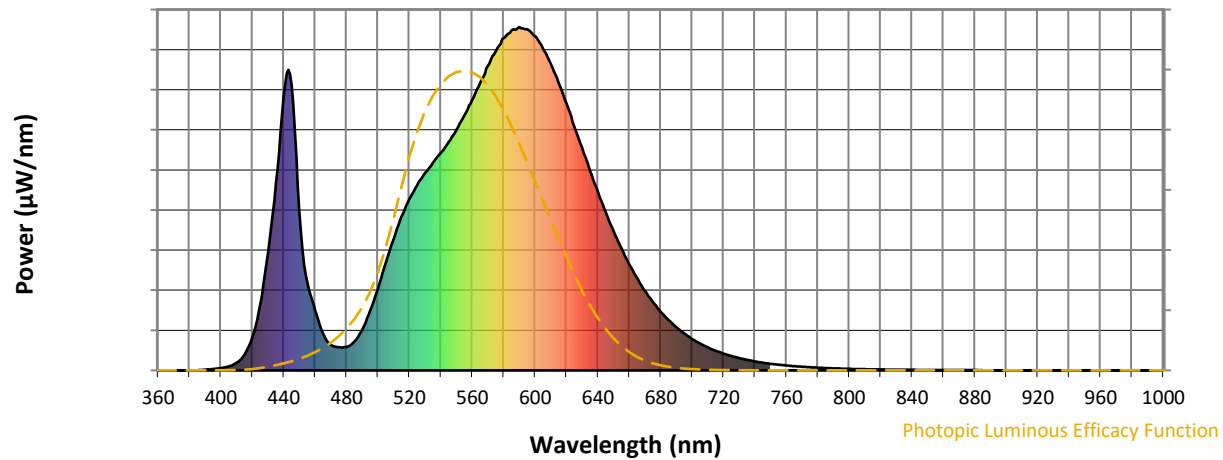
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

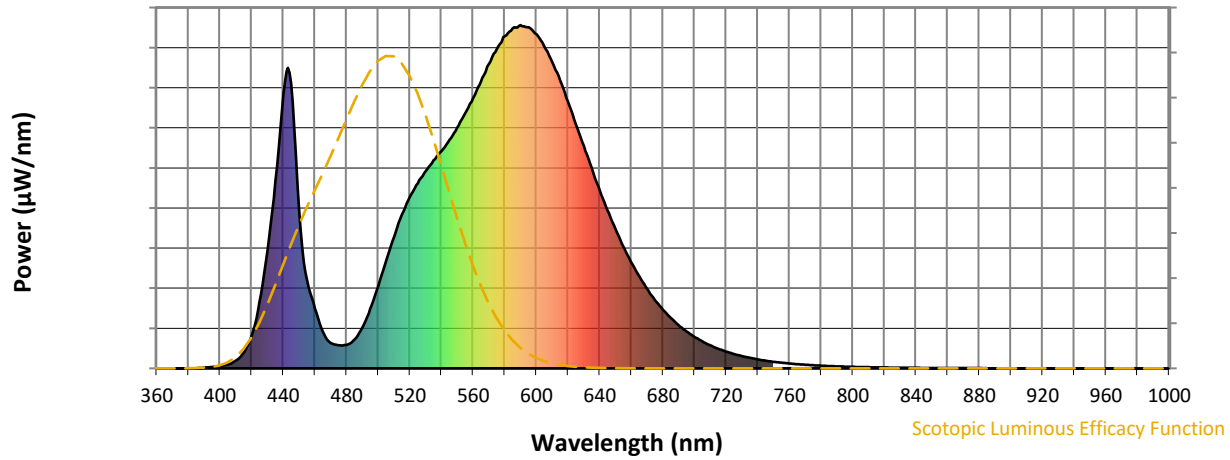


Photopic Lumens: NR

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

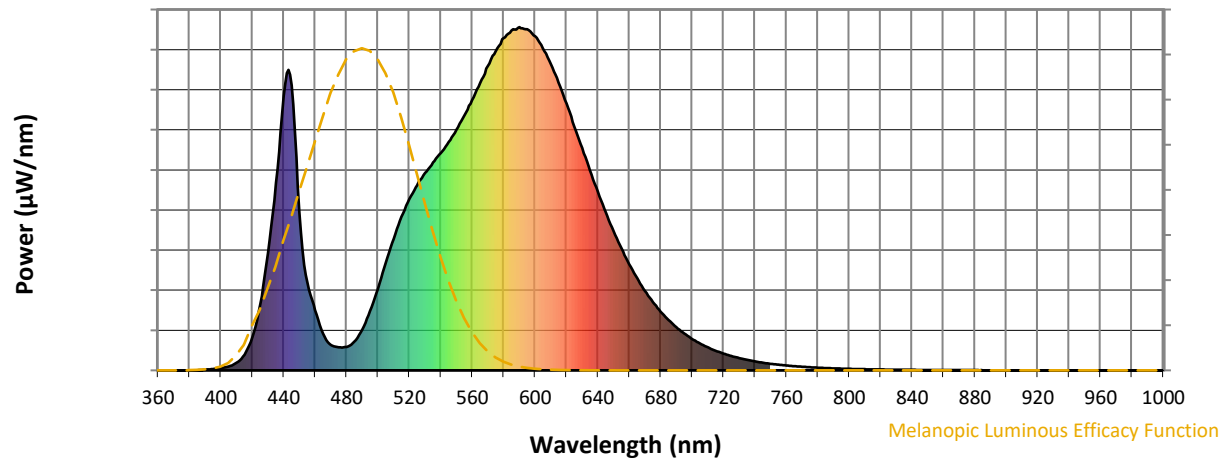
Scotopic Flux vs. Wavelength


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

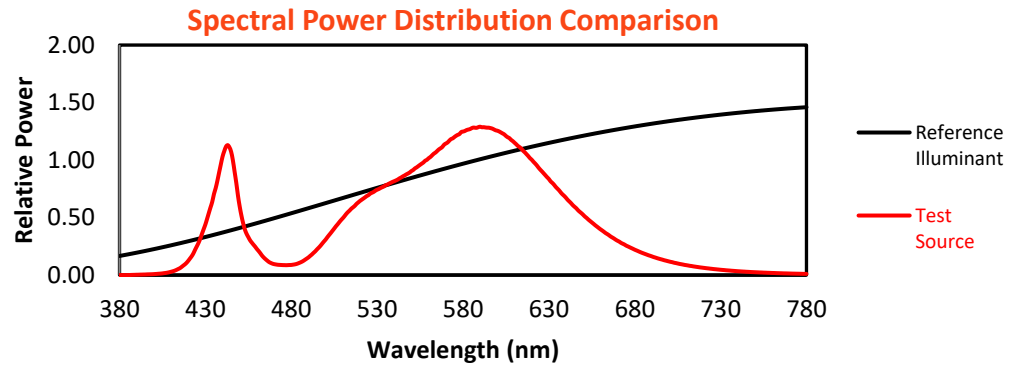
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

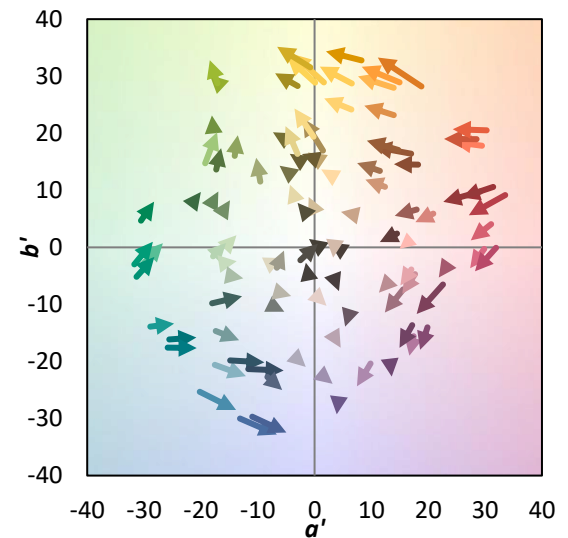
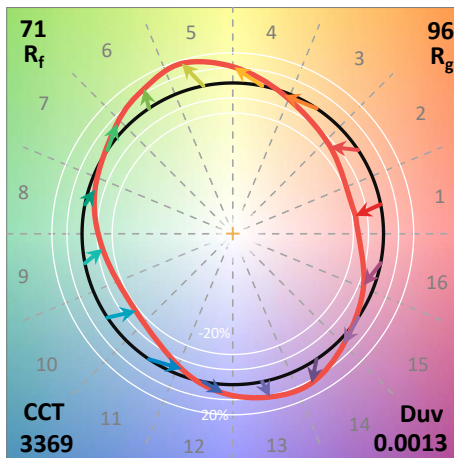
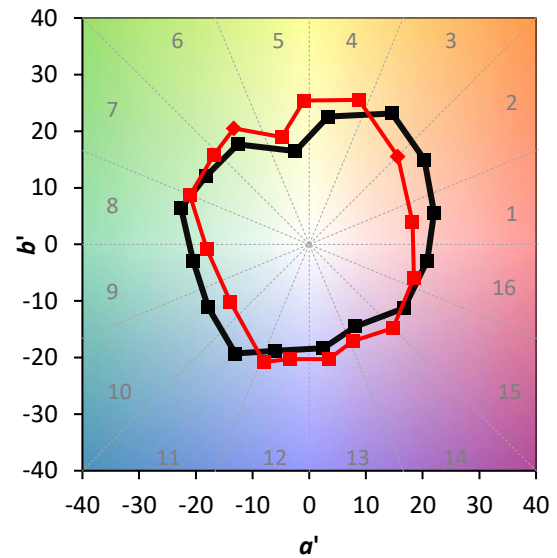
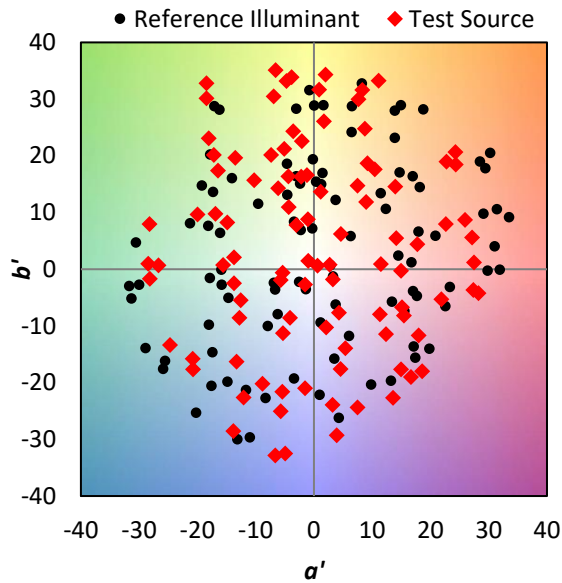
TM-30-18

Summary

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

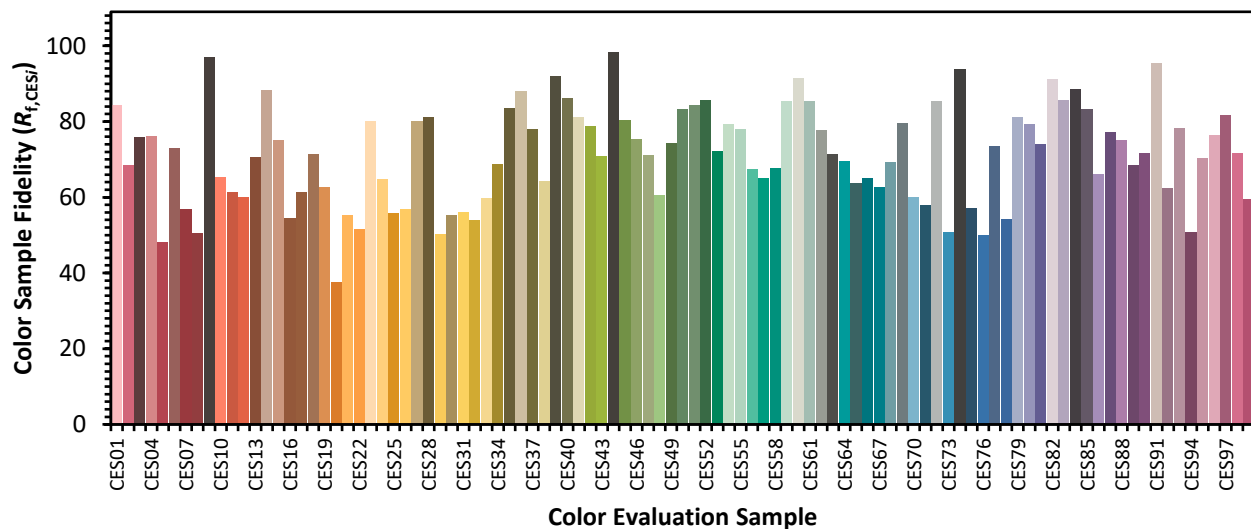


Color Vector Graphics

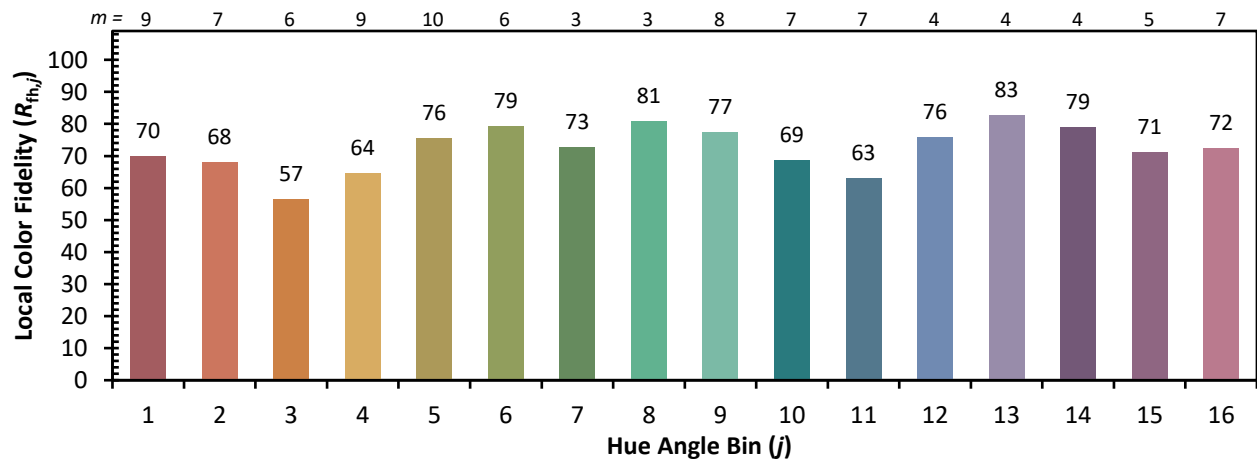
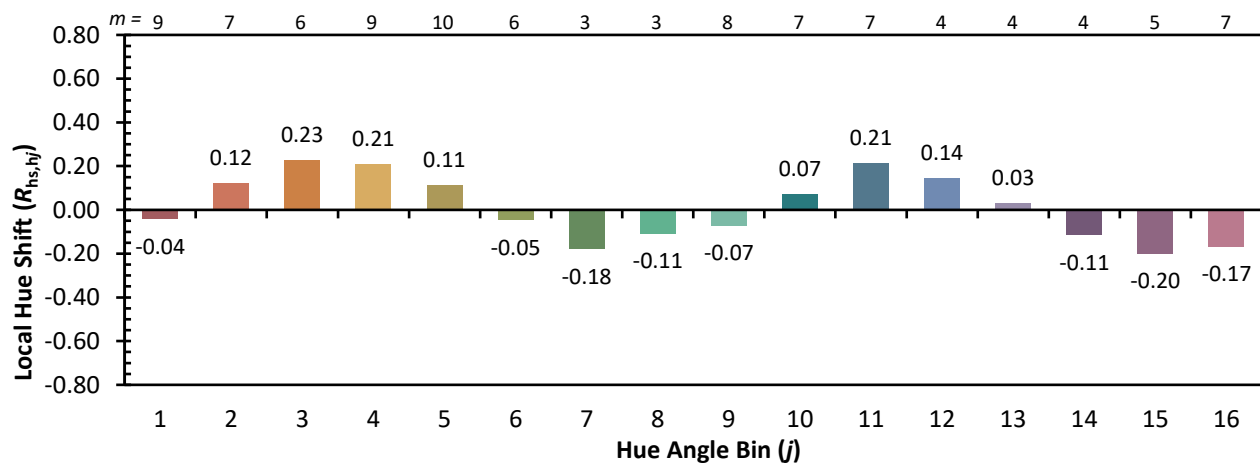
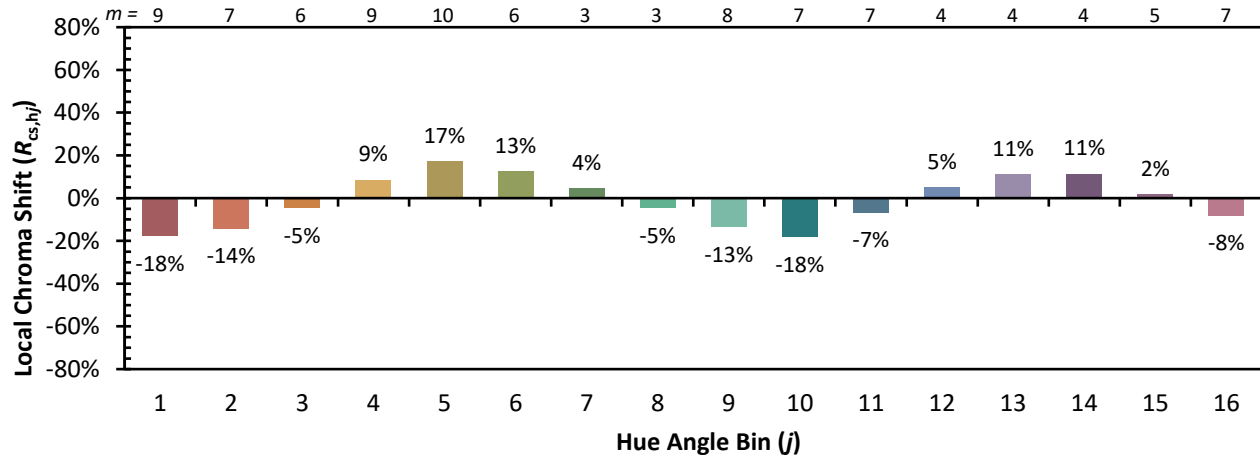


Individual Sample Fidelity Index ($R_{f,i}$)

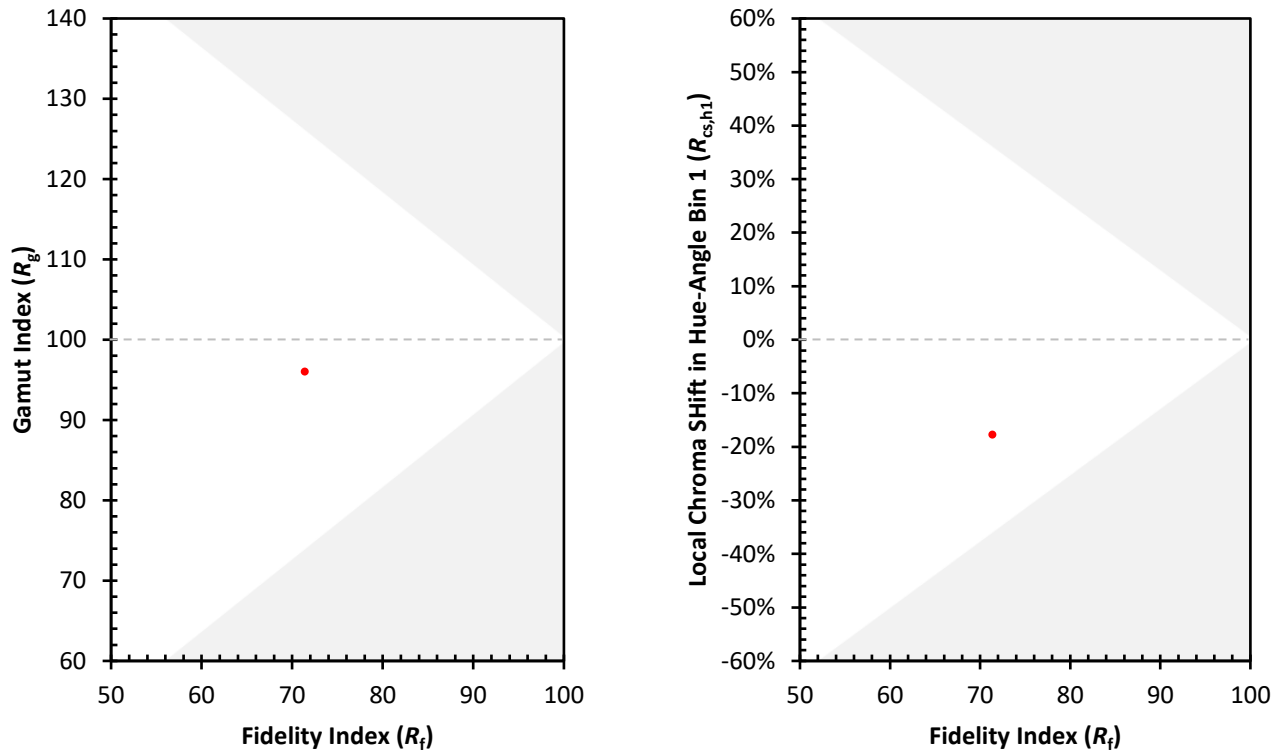
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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