

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: STREETWORKS

Report Number: P1062795

Luminaire Tested: **GLAN-SA1C-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062795
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1C-735-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5869.5 lumens
Efficiency: N/A
Efficacy: 116.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

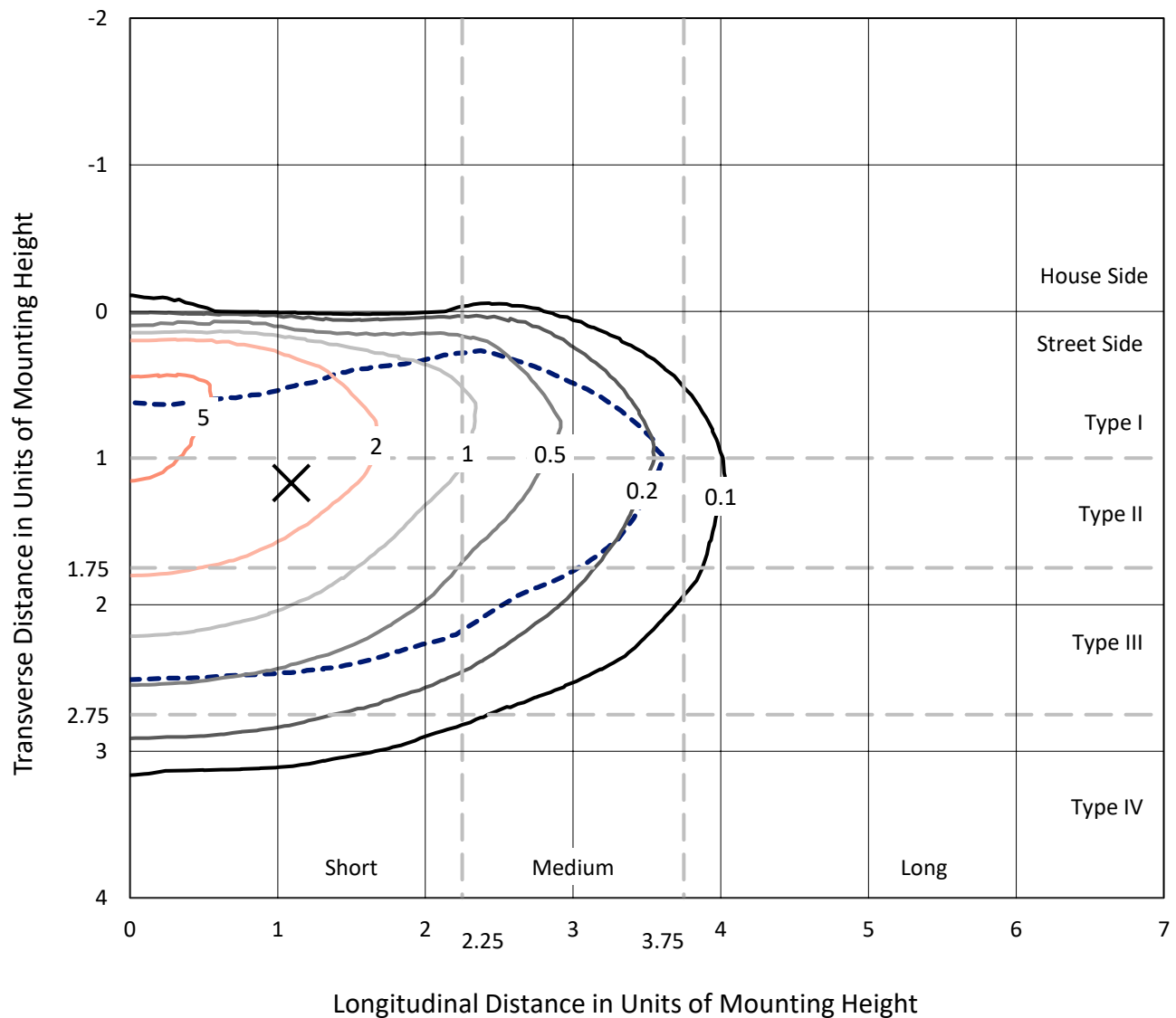


REPORT NUMBER: P1062795

CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

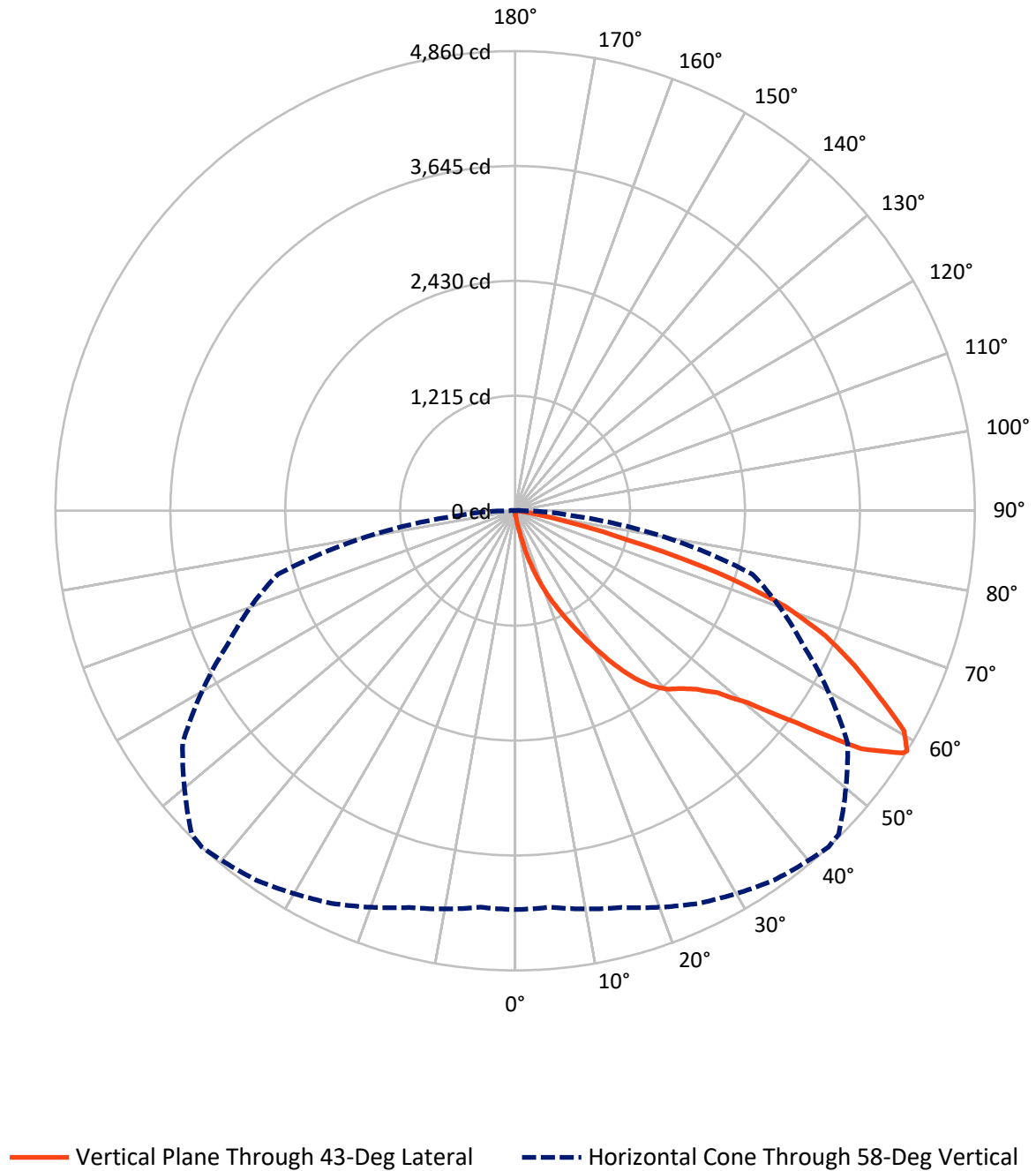


Based on 15 foot mounting height. Maximum calculated value = 6.6 fc
 Type III - Short - N/A

REPORT NUMBER: P1062795

CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1062795

CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.4	0.0	21.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5848.1	0.0	5848.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	5869.5	0.0	5869.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	67.5	1.1
20°-30°	243.2	4.1
30°-40°	556.4	9.5
40°-50°	938.4	16.0
50°-60°	1548.6	26.4
60°-70°	1730.8	29.5
70°-80°	714.6	12.2
80°-90°	64.4	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°	5869.5	100.0
0°-180°	5869.5	100.0



REPORT NUMBER: P1062795

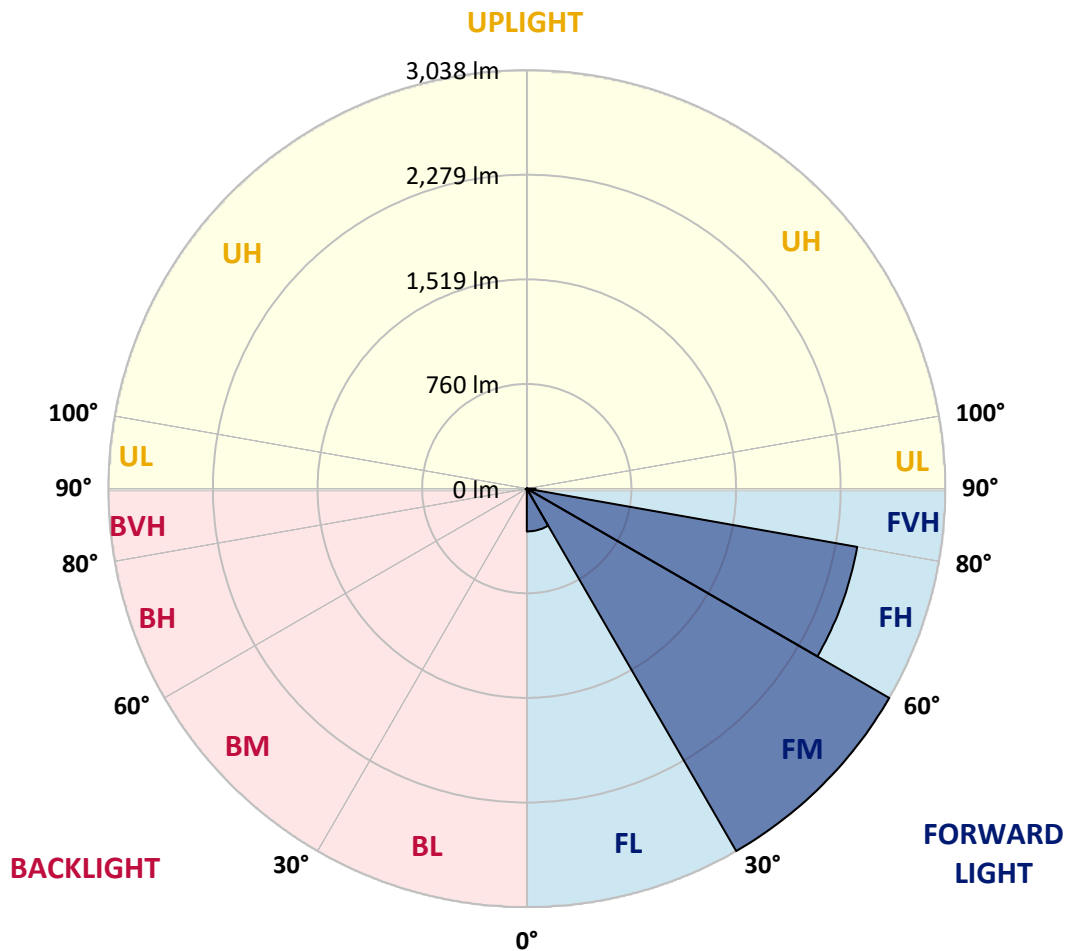
CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	310.7	5.3			
FM	(30°-60°)	3038.3	51.8			
FH	(60°-80°)	2435.6	41.5			G2/5000
FVH	(80°-90°)	63.5	1.1			G1/100
BL	(0°-30°)	5.6	0.1	B0/110		
BM	(30°-60°)	5.1	0.1	B0/220		
BH	(60°-80°)	9.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G2

Type III Short



REPORT NUMBER: P1062795

CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	46.1	47.6	46.1	46.1	46.1	44.5	44.5	43.0	43.0	41.4	39.9
5°	67.5	67.5	62.9	59.9	56.8	55.3	53.7	50.7	47.6	44.5	41.4
7.5°	150.4	150.4	136.6	118.2	93.6	79.8	76.8	62.9	53.7	47.6	41.4
10°	359.2	359.2	328.5	277.9	214.9	159.7	142.8	90.6	64.5	50.7	43.0
12.5°	597.2	604.8	566.5	502.0	408.3	311.6	277.9	165.8	86.0	55.3	43.0
15°	810.5	792.1	781.4	720.0	630.9	515.8	472.8	279.4	124.3	62.9	43.0
17.5°	954.8	954.8	939.5	898.0	816.7	715.4	680.1	451.3	201.1	72.2	44.5
20°	1123.7	1123.7	1096.1	1066.9	994.8	908.8	875.0	641.7	311.6	92.1	44.5
22.5°	1327.9	1331.0	1300.3	1248.1	1179.0	1083.8	1054.6	818.2	451.3	122.8	46.1
25°	1576.6	1579.6	1535.1	1486.0	1380.1	1277.2	1232.7	1020.9	621.7	171.9	46.1
27.5°	1851.4	1872.9	1806.8	1722.4	1610.3	1481.4	1447.6	1203.5	790.6	242.6	49.1
30°	2193.7	2193.7	2106.2	1988.0	1866.7	1707.1	1664.1	1395.4	970.2	336.2	52.2
32.5°	2488.4	2465.4	2353.4	2229.0	2100.1	1951.1	1905.1	1596.5	1154.4	452.9	58.3
35°	2714.1	2694.1	2556.0	2422.4	2310.4	2173.7	2118.5	1814.5	1349.4	584.9	67.5
37.5°	2907.5	2899.9	2712.6	2545.2	2471.6	2351.8	2302.7	2020.2	1541.3	727.7	78.3
40°	3119.4	3094.8	2895.3	2688.0	2577.5	2480.8	2436.2	2186.0	1725.5	895.0	93.6
42.5°	3300.5	3271.4	3091.7	2889.1	2700.3	2569.8	2526.8	2325.7	1905.1	1062.3	113.6
45°	3501.6	3486.3	3305.1	3151.6	2899.9	2691.1	2634.3	2437.8	2069.4	1261.9	139.7
47.5°	3804.0	3776.4	3607.5	3481.7	3190.0	2875.3	2793.9	2552.9	2227.5	1458.4	179.6
50°	4155.6	4137.2	4037.4	3937.6	3647.5	3190.0	3093.3	2718.7	2404.0	1691.7	231.8
52.5°	4442.7	4439.6	4451.9	4453.4	4233.9	3719.6	3575.3	2985.8	2606.6	1922.0	305.5
55°	4436.5	4450.3	4585.4	4740.5	4757.4	4442.7	4303.0	3435.6	2870.7	2206.0	408.3
57.5°	4270.7	4260.0	4402.7	4636.1	4800.3	4834.1	4811.1	4134.1	3268.3	2548.3	566.5
58°	4217.0	4207.8	4342.9	4580.8	4769.6	4860.2	4837.2	4292.2	3357.3	2597.4	609.4
60°	4022.0	4023.6	4103.4	4319.8	4508.7	4723.6	4745.1	4743.5	3801.0	2926.0	825.9
62.5°	3764.1	3751.9	3825.5	4002.1	4167.9	4312.2	4349.0	4774.2	4450.3	3343.5	1238.8
65°	3408.0	3389.6	3467.9	3667.4	3845.5	3939.1	3940.7	4362.8	4755.8	3791.8	1828.3
67.5°	2746.3	2731.0	2887.6	3143.9	3418.7	3541.5	3596.8	3785.6	4497.9	4095.7	2166.1
70°	1682.5	1714.7	1932.7	2334.9	2804.7	3030.3	3113.2	3171.6	3830.1	4049.7	1811.5
72.5°	776.8	738.4	924.1	1205.1	1740.8	2242.8	2328.8	2557.5	3036.5	3515.4	1350.9
75°	362.3	348.5	391.5	526.5	789.1	1211.2	1367.8	2041.7	2328.8	2445.5	974.8
77.5°	185.8	187.3	222.6	239.5	325.4	560.3	643.2	1343.2	1707.1	1364.7	654.0
80°	81.4	84.4	86.0	93.6	132.0	216.5	244.1	623.3	1166.7	695.4	357.7
82.5°	52.2	53.7	53.7	53.7	62.9	86.0	98.2	250.2	581.8	345.4	110.5
85°	27.6	27.6	30.7	38.4	44.5	52.2	55.3	79.8	191.9	102.9	26.1
87.5°	15.4	16.9	18.4	23.0	29.2	35.3	38.4	55.3	73.7	70.6	6.1
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: P1062795

CATALOG NUMBER: GLAN-SA1C-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
2.5°	39.9	38.4	36.8	35.3	33.8	32.2	32.2	32.2	32.2	32.2	32.2
5°	38.4	36.8	35.3	32.2	29.2	27.6	26.1	24.6	24.6	24.6	24.6
7.5°	38.4	36.8	32.2	29.2	26.1	23.0	20.0	20.0	20.0	20.0	20.0
10°	38.4	35.3	30.7	26.1	21.5	18.4	16.9	15.4	15.4	15.4	15.4
12.5°	38.4	33.8	29.2	23.0	18.4	15.4	13.8	12.3	12.3	12.3	12.3
15°	38.4	33.8	27.6	21.5	16.9	12.3	10.7	9.2	9.2	9.2	9.2
17.5°	36.8	32.2	26.1	18.4	13.8	9.2	7.7	6.1	6.1	7.7	7.7
20°	35.3	30.7	23.0	15.4	10.7	7.7	4.6	4.6	4.6	4.6	4.6
22.5°	35.3	30.7	21.5	13.8	9.2	4.6	3.1	3.1	3.1	3.1	4.6
25°	35.3	29.2	18.4	10.7	6.1	3.1	1.5	1.5	1.5	1.5	1.5
27.5°	35.3	29.2	16.9	9.2	4.6	3.1	1.5	0.0	0.0	0.0	0.0
30°	33.8	27.6	15.4	7.7	3.1	1.5	0.0	0.0	0.0	0.0	0.0
32.5°	33.8	26.1	12.3	6.1	3.1	1.5	0.0	0.0	0.0	0.0	0.0
35°	35.3	24.6	10.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	1.5
37.5°	36.8	23.0	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	38.4	21.5	9.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	41.4	21.5	7.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.5	21.5	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	50.7	23.0	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	55.3	24.6	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	61.4	23.0	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	69.1	23.0	4.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	75.2	21.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	78.3	20.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	93.6	18.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	145.8	15.4	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	296.3	13.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	552.6	12.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	618.7	13.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	389.9	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	205.7	10.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	102.9	10.7	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.6	7.7	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	20.0	4.6	3.1	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.2	4.6	3.1	3.1	1.5	1.5	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.6	4.6	3.1	3.1	1.5	1.5	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

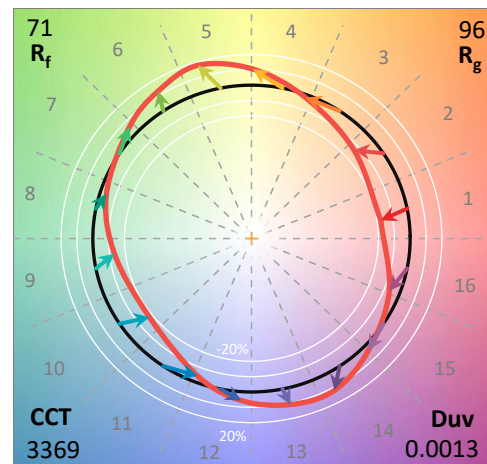
Test Information

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

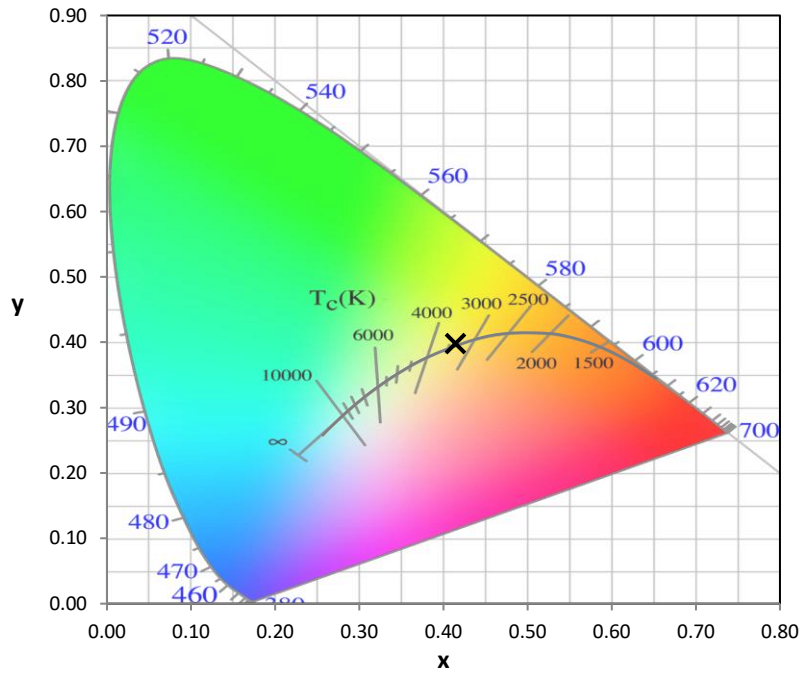
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

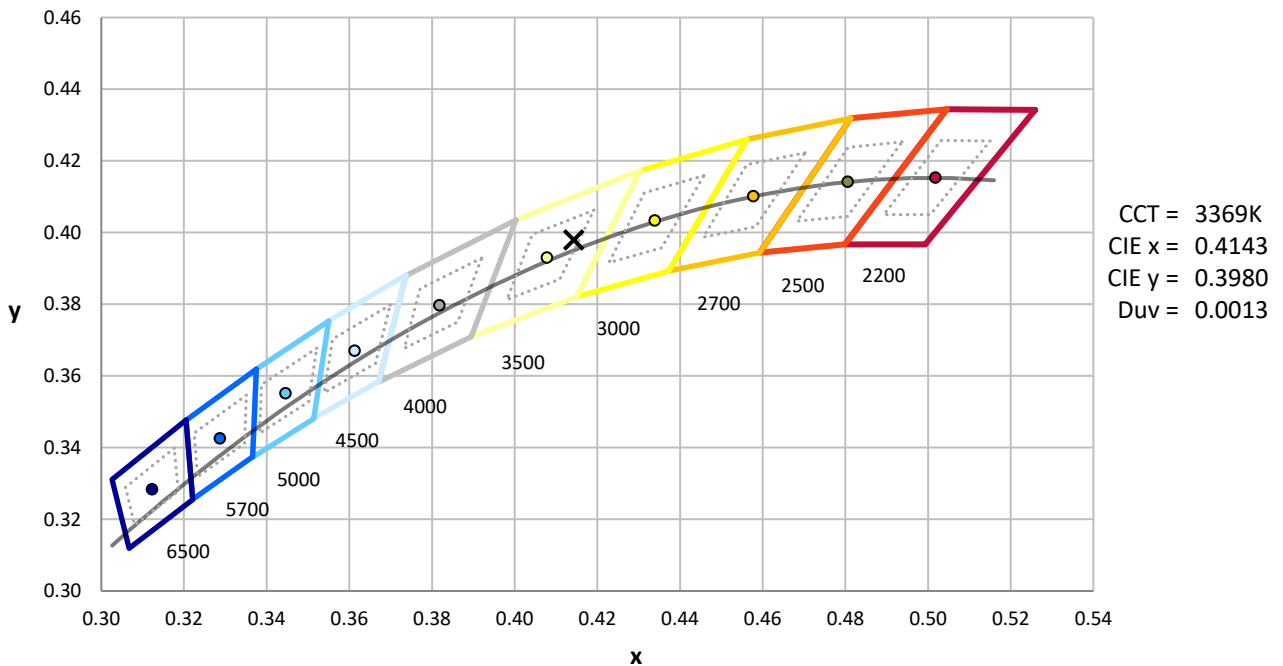
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



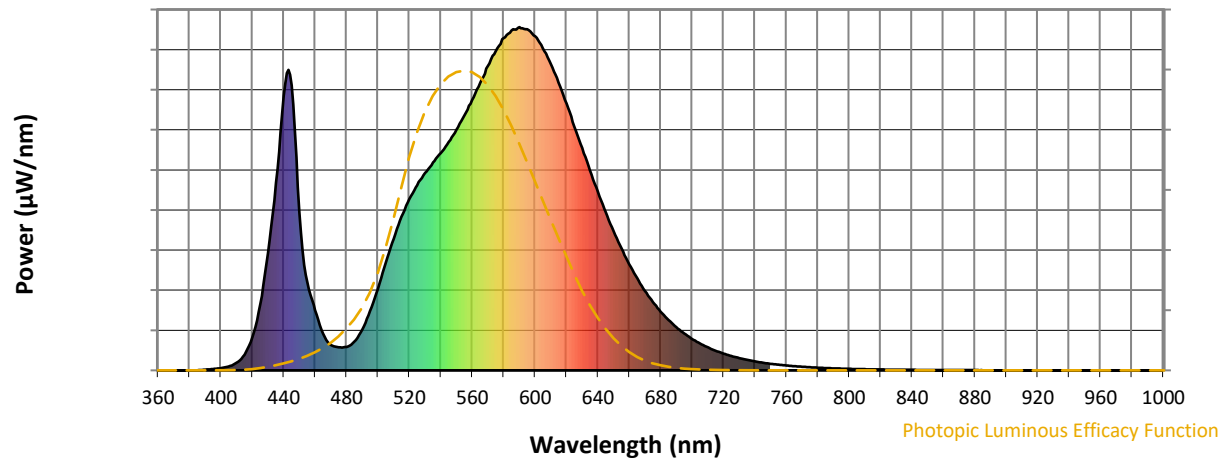
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

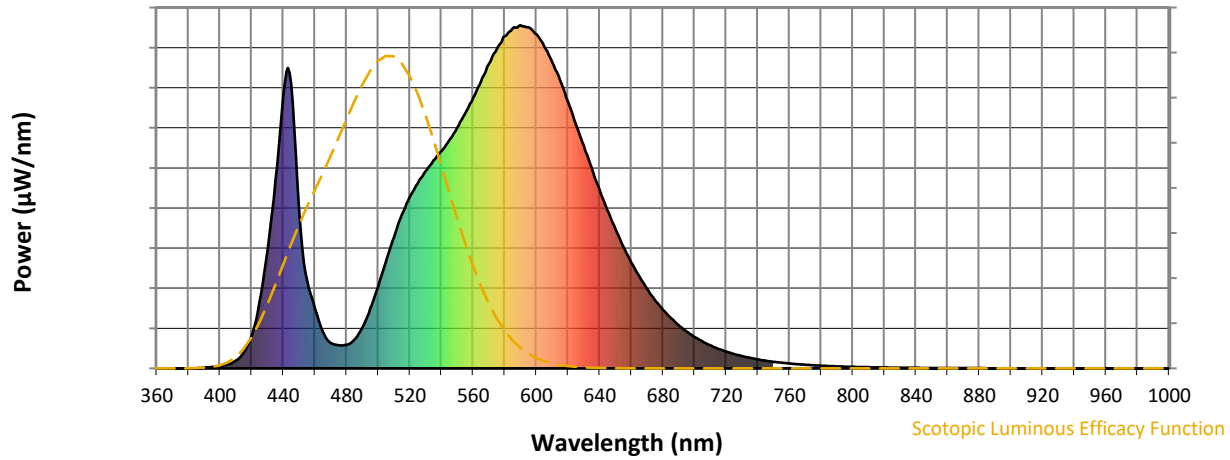


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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



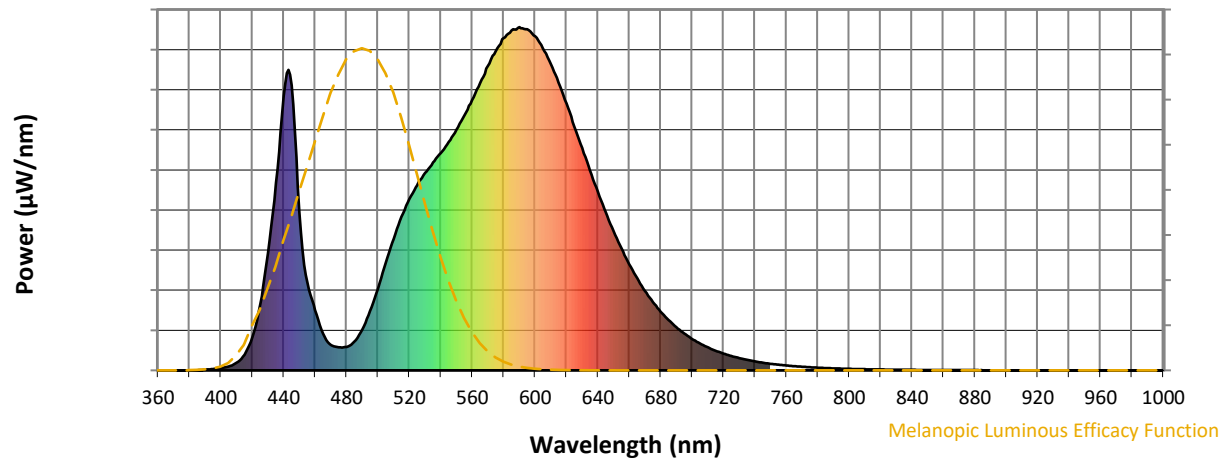
Scotopic Lumens: NR

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

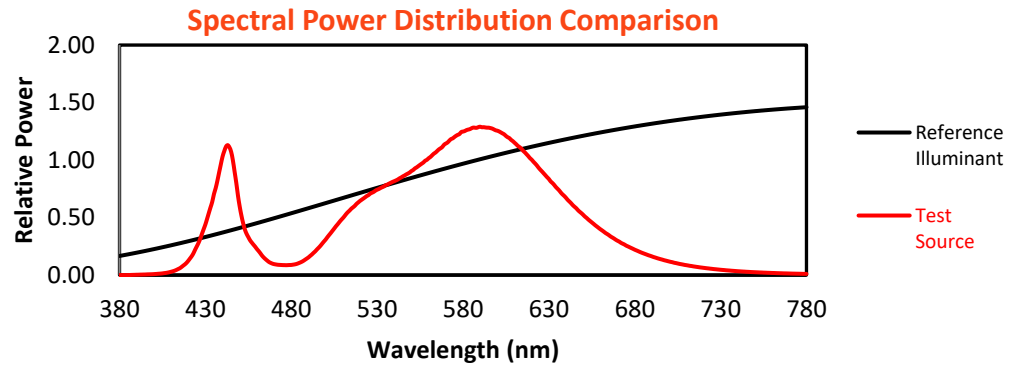
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778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

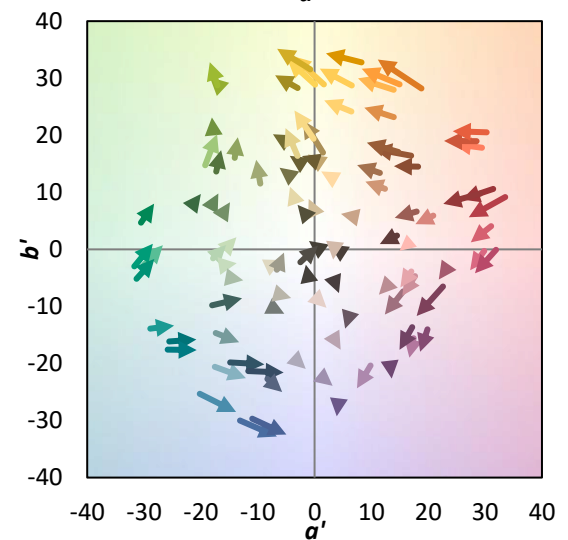
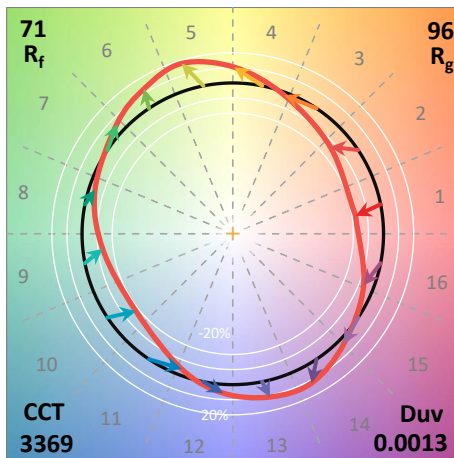
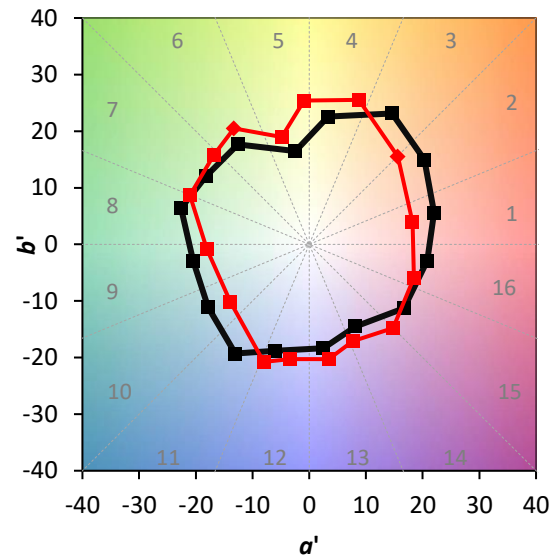
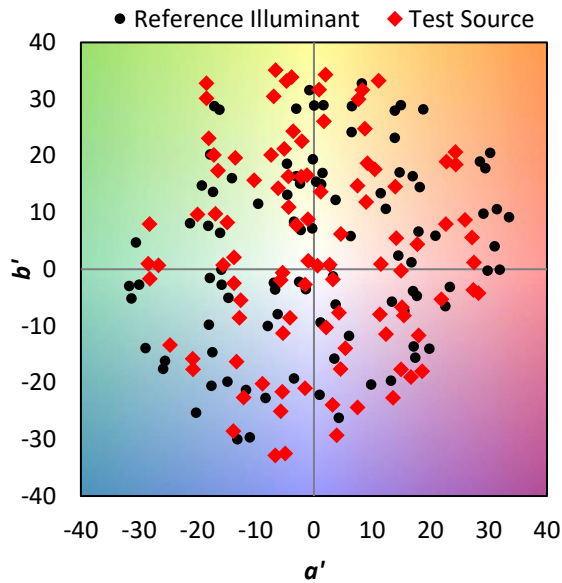
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

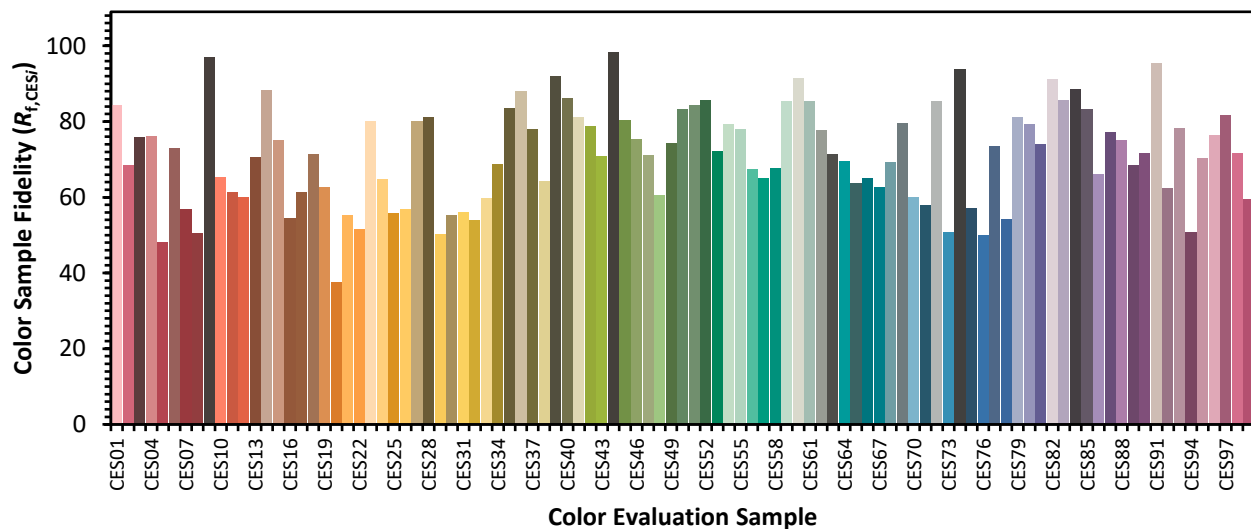


Color Vector Graphics

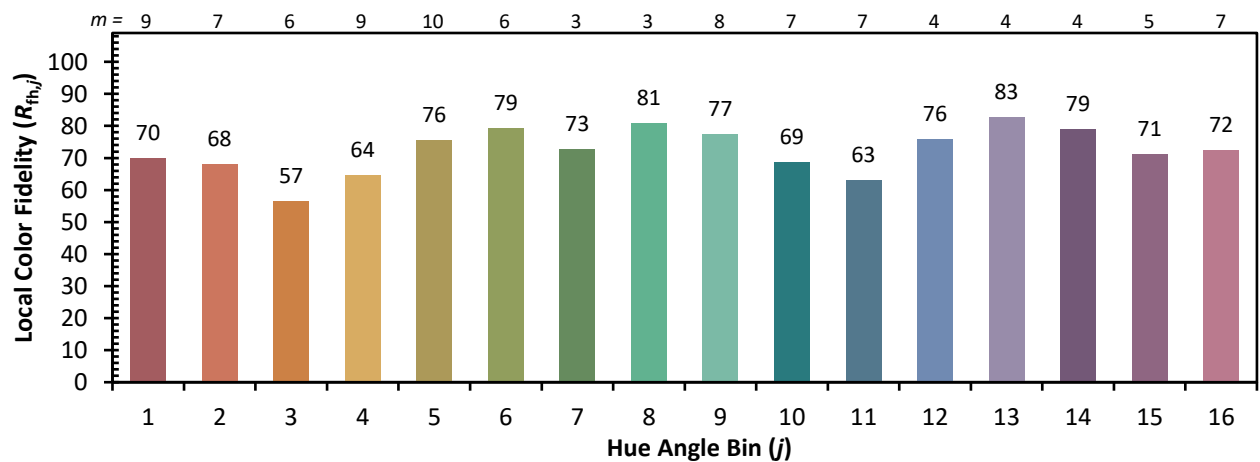
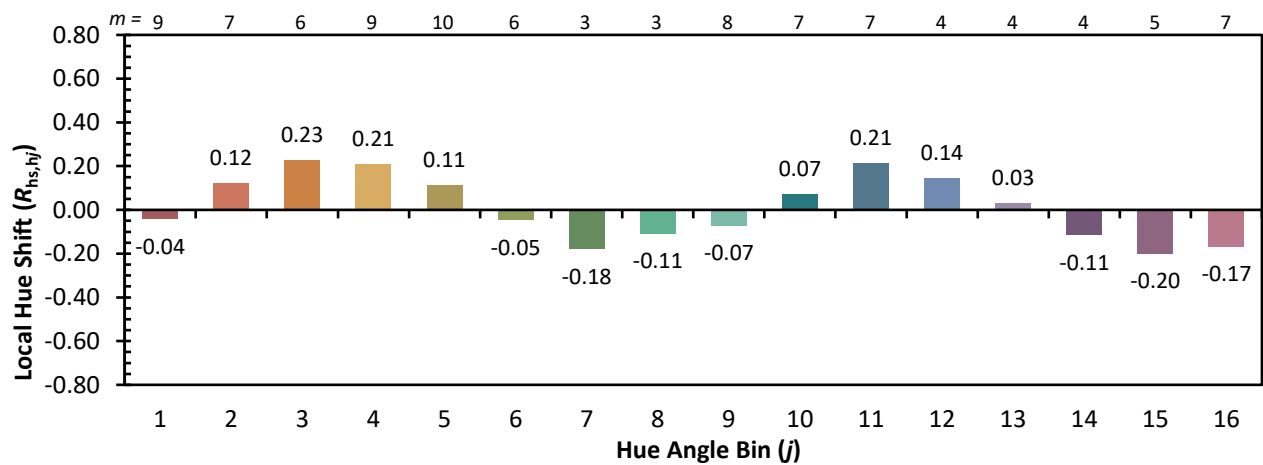
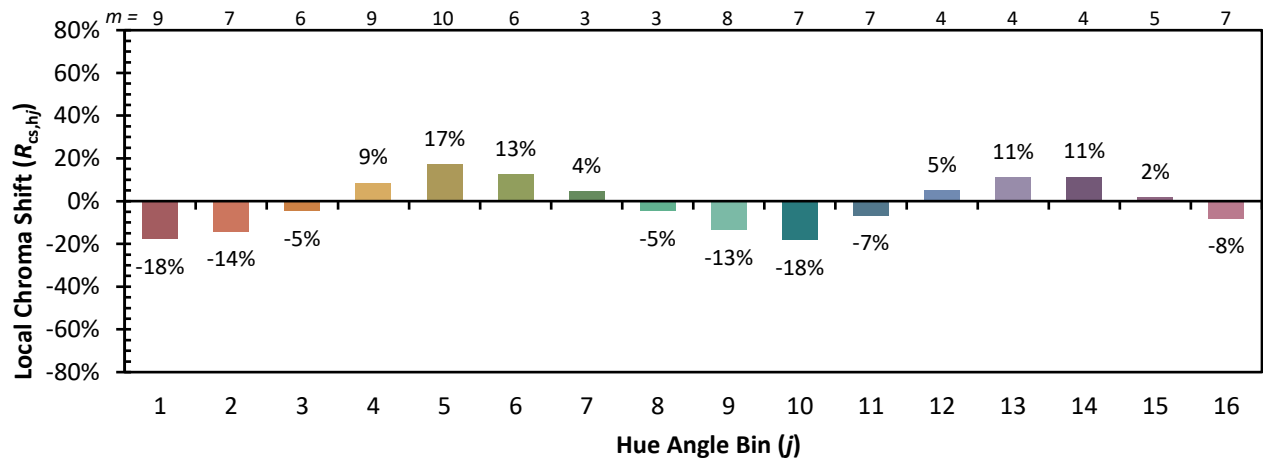


Individual Sample Fidelity Index ($R_{f,i}$)

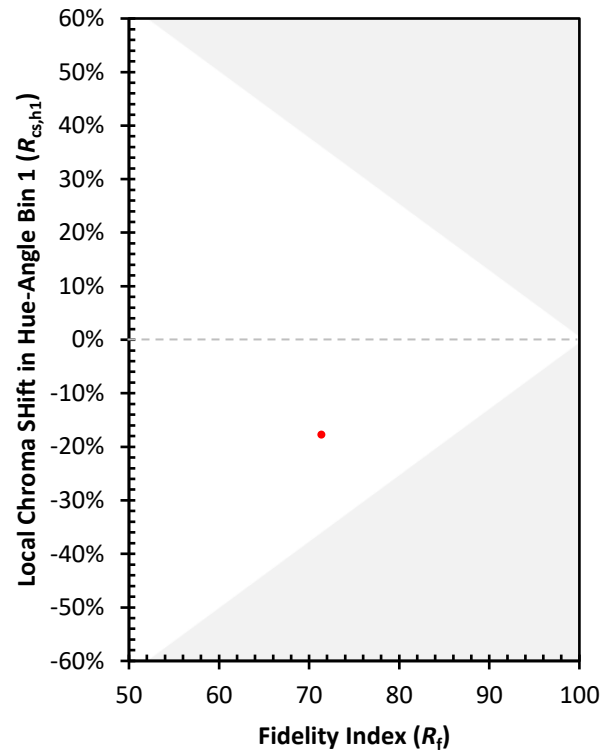
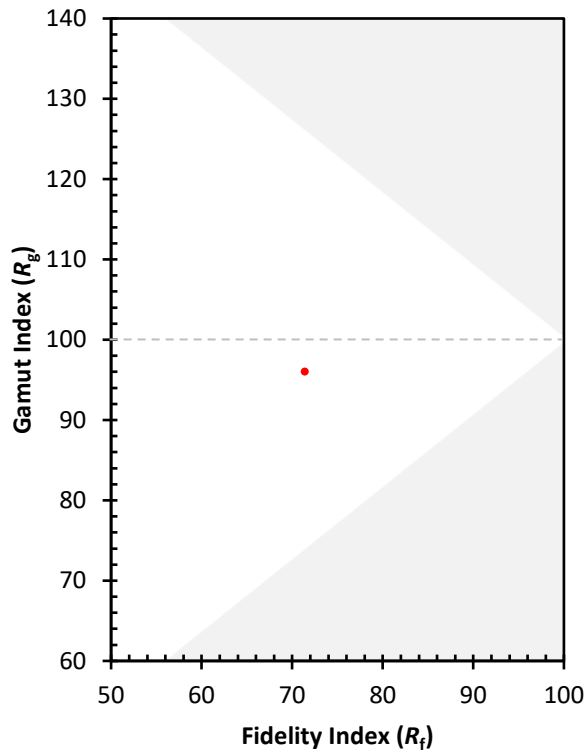
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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