

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: P1062759

Luminaire Tested: **GLAN-SA1C-730-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062759
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1C-730-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5794.4 lumens
Efficiency: N/A
Efficacy: 115.4 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

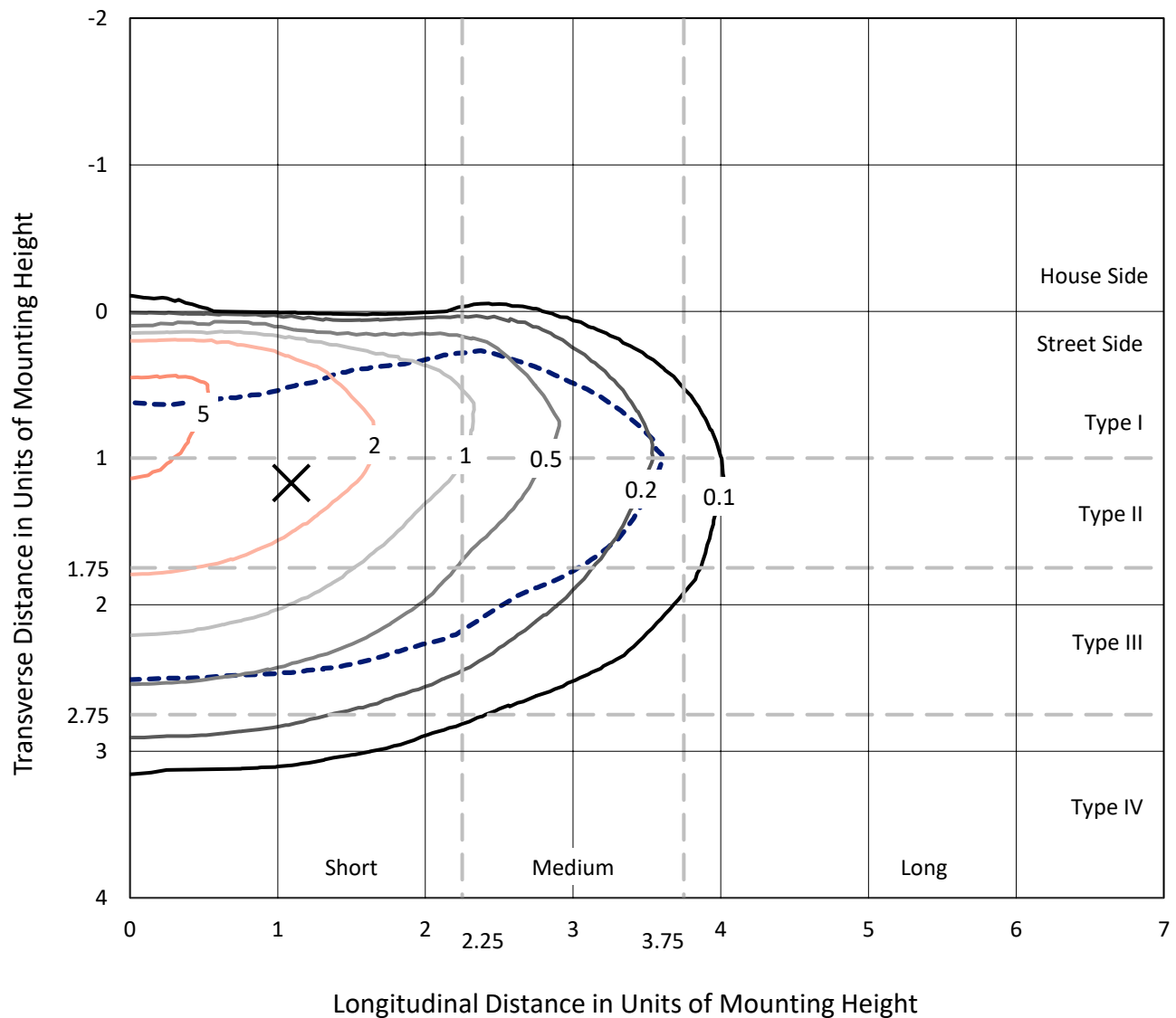


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

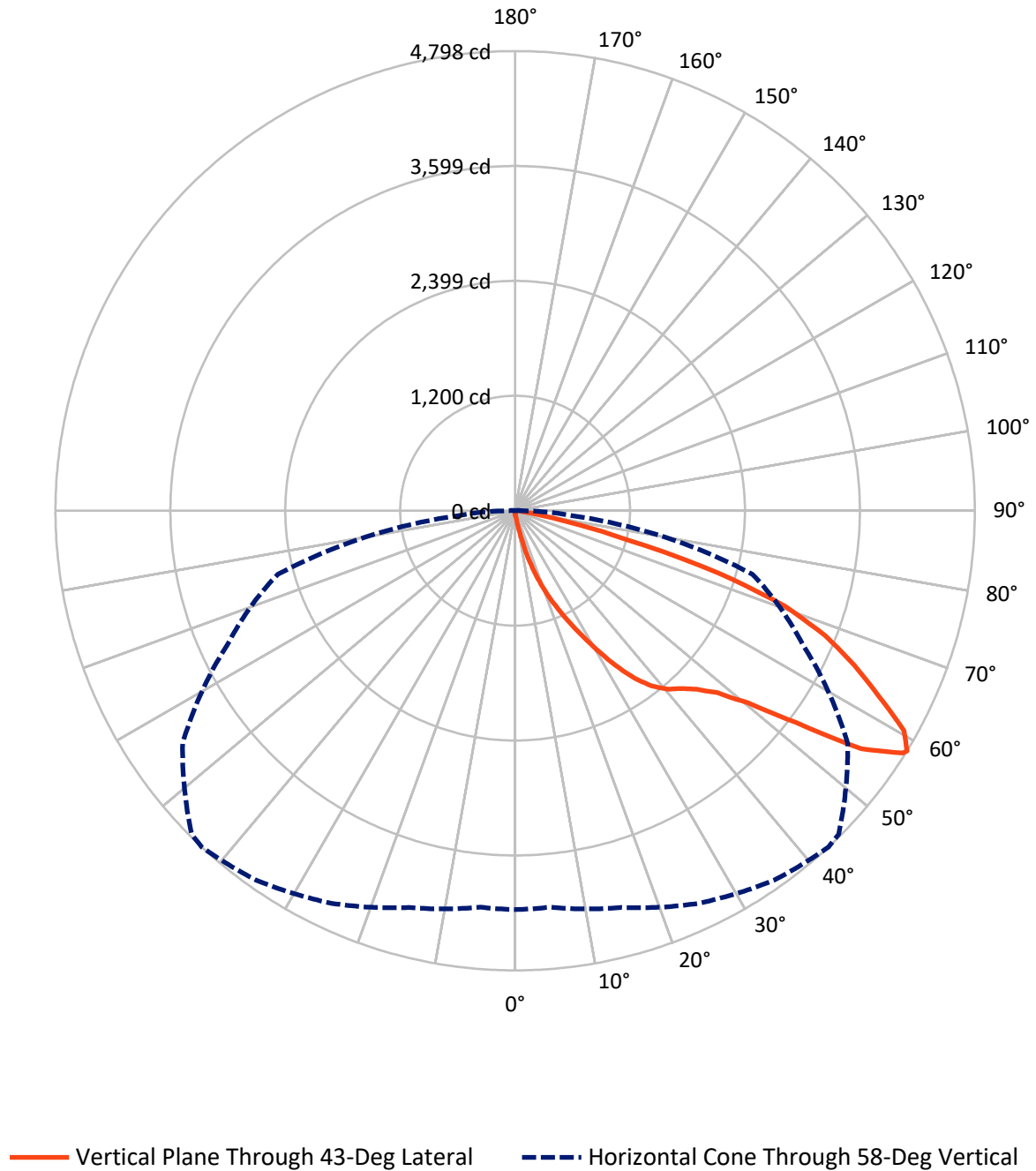


Based on 15 foot mounting height. Maximum calculated value = 6.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.1	0.0	21.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5773.2	0.0	5773.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	5794.4	0.0	5794.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.6	0.1
10°-20°	66.6	1.1
20°-30°	240.1	4.1
30°-40°	549.3	9.5
40°-50°	926.4	16.0
50°-60°	1528.8	26.4
60°-70°	1708.6	29.5
70°-80°	705.5	12.2
80°-90°	63.6	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°	5794.4	100.0
0°-180°	5794.4	100.0



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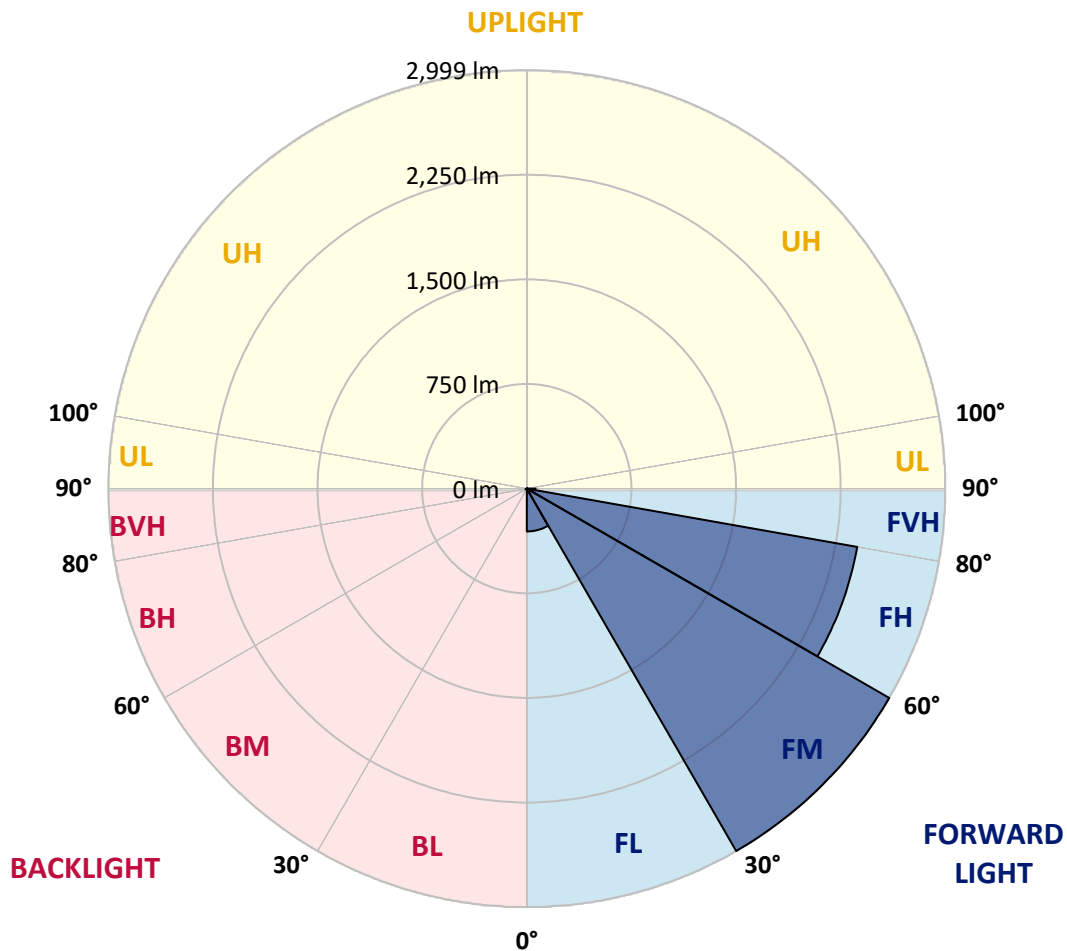
CATALOG NUMBER: GLAN-SA1C-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	306.7	5.3			
FM	(30°-60°)	2999.4	51.8			
FH	(60°-80°)	2404.4	41.5			G2/5000
FVH	(80°-90°)	62.7	1.1			G1/100
BL	(0°-30°)	5.5	0.1	B0/110		
BM	(30°-60°)	5.1	0.1	B0/220		
BH	(60°-80°)	9.7	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
2.5°	45.5	47.0	45.5	45.5	45.5	43.9	43.9	42.4	42.4	40.9	39.4
5°	66.7	66.7	62.1	59.1	56.1	54.6	53.0	50.0	47.0	43.9	40.9
7.5°	148.5	148.5	134.9	116.7	92.4	78.8	75.8	62.1	53.0	47.0	40.9
10°	354.6	354.6	324.3	274.3	212.2	157.6	140.9	89.4	63.6	50.0	42.4
12.5°	589.5	597.1	559.2	495.6	403.1	307.6	274.3	163.7	84.9	54.6	42.4
15°	800.2	782.0	771.4	710.8	622.9	509.2	466.8	275.8	122.8	62.1	42.4
17.5°	942.6	942.6	927.5	886.6	806.2	706.2	671.4	445.5	198.5	71.2	43.9
20°	1109.3	1109.3	1082.0	1053.3	982.0	897.2	863.8	633.5	307.6	90.9	43.9
22.5°	1310.9	1313.9	1283.6	1232.1	1163.9	1069.9	1041.1	807.7	445.5	121.2	45.5
25°	1556.4	1559.4	1515.5	1467.0	1362.4	1260.9	1216.9	1007.8	613.8	169.7	45.5
27.5°	1827.7	1848.9	1783.7	1700.4	1589.7	1462.4	1429.1	1188.1	780.5	239.4	48.5
30°	2165.6	2165.6	2079.2	1962.5	1842.8	1685.2	1642.8	1377.6	957.8	331.9	51.5
32.5°	2456.6	2433.8	2323.2	2200.5	2073.2	1926.2	1880.7	1576.1	1139.6	447.1	57.6
35°	2679.4	2659.7	2523.3	2391.4	2280.8	2145.9	2091.3	1791.3	1332.1	577.4	66.7
37.5°	2870.3	2862.7	2677.8	2512.6	2439.9	2321.7	2273.2	1994.4	1521.5	718.3	77.3
40°	3079.4	3055.2	2858.2	2653.6	2544.5	2449.0	2405.1	2158.0	1703.4	883.5	92.4
42.5°	3258.3	3229.5	3052.2	2852.1	2665.7	2536.9	2494.5	2295.9	1880.7	1048.7	112.1
45°	3456.8	3441.6	3262.8	3111.3	2862.7	2656.6	2600.5	2406.6	2042.9	1245.7	137.9
47.5°	3755.3	3728.1	3561.4	3437.1	3149.1	2838.5	2758.2	2520.2	2198.9	1439.7	177.3
50°	4102.4	4084.2	3985.7	3887.2	3600.8	3149.1	3053.7	2683.9	2373.2	1670.0	228.8
52.5°	4385.8	4382.7	4394.9	4396.4	4179.7	3672.0	3529.5	2947.6	2573.3	1897.4	301.6
55°	4379.7	4393.3	4526.7	4679.8	4696.4	4385.8	4247.9	3391.6	2833.9	2177.7	403.1
57.5°	4216.0	4205.4	4346.4	4576.7	4738.9	4772.2	4749.5	4081.2	3226.4	2515.7	559.2
58°	4163.0	4153.9	4287.3	4522.2	4708.6	4798.0	4775.2	4237.3	3314.3	2564.2	601.6
60°	3970.5	3972.0	4050.9	4264.5	4450.9	4663.1	4684.3	4682.8	3752.3	2888.5	815.3
62.5°	3715.9	3703.8	3776.6	3950.8	4114.5	4257.0	4293.3	4713.1	4393.3	3300.7	1223.0
65°	3364.3	3346.2	3423.4	3620.5	3796.3	3888.7	3890.2	4307.0	4694.9	3743.2	1804.9
67.5°	2711.2	2696.0	2850.6	3103.7	3375.0	3496.2	3550.7	3737.1	4440.3	4043.3	2138.3
70°	1661.0	1692.8	1908.0	2305.0	2768.8	2991.5	3073.4	3131.0	3781.1	3997.8	1788.3
72.5°	766.8	728.9	912.3	1189.6	1718.5	2214.1	2299.0	2524.8	2997.6	3470.4	1333.6
75°	357.7	344.0	386.4	519.8	779.0	1195.7	1350.3	2015.6	2299.0	2414.1	962.3
77.5°	183.4	184.9	219.7	236.4	321.3	553.1	635.0	1326.0	1685.2	1347.3	645.6
80°	80.3	83.4	84.9	92.4	130.3	213.7	241.0	615.3	1151.8	686.5	353.1
82.5°	51.5	53.0	53.0	53.0	62.1	84.9	97.0	247.0	574.4	341.0	109.1
85°	27.3	27.3	30.3	37.9	43.9	51.5	54.6	78.8	189.4	101.5	25.8
87.5°	15.2	16.7	18.2	22.7	28.8	34.9	37.9	54.6	72.7	69.7	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



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CATALOG NUMBER: GLAN-SA1C-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
2.5°	39.4	37.9	36.4	34.9	33.3	31.8	31.8	31.8	31.8	31.8	31.8
5°	37.9	36.4	34.9	31.8	28.8	27.3	25.8	24.2	24.2	24.2	24.2
7.5°	37.9	36.4	31.8	28.8	25.8	22.7	19.7	19.7	19.7	19.7	19.7
10°	37.9	34.9	30.3	25.8	21.2	18.2	16.7	15.2	15.2	15.2	15.2
12.5°	37.9	33.3	28.8	22.7	18.2	15.2	13.6	12.1	12.1	12.1	12.1
15°	37.9	33.3	27.3	21.2	16.7	12.1	10.6	9.1	9.1	9.1	9.1
17.5°	36.4	31.8	25.8	18.2	13.6	9.1	7.6	6.1	6.1	7.6	7.6
20°	34.9	30.3	22.7	15.2	10.6	7.6	4.5	4.5	4.5	4.5	4.5
22.5°	34.9	30.3	21.2	13.6	9.1	4.5	3.0	3.0	3.0	3.0	4.5
25°	34.9	28.8	18.2	10.6	6.1	3.0	1.5	1.5	1.5	1.5	1.5
27.5°	34.9	28.8	16.7	9.1	4.5	3.0	1.5	0.0	0.0	0.0	0.0
30°	33.3	27.3	15.2	7.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0
32.5°	33.3	25.8	12.1	6.1	3.0	1.5	0.0	0.0	0.0	0.0	0.0
35°	34.9	24.2	10.6	4.5	1.5	0.0	0.0	0.0	0.0	0.0	1.5
37.5°	36.4	22.7	9.1	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	37.9	21.2	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	40.9	21.2	7.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	43.9	21.2	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	50.0	22.7	6.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	54.6	24.2	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	60.6	22.7	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	68.2	22.7	4.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	74.3	21.2	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	77.3	19.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	92.4	18.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	144.0	15.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	292.5	13.6	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	545.6	12.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	610.7	13.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	384.9	10.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	203.1	10.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	101.5	10.6	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.0	7.6	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.7	4.5	3.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	9.1	4.5	3.0	3.0	1.5	1.5	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	4.5	4.5	3.0	3.0	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

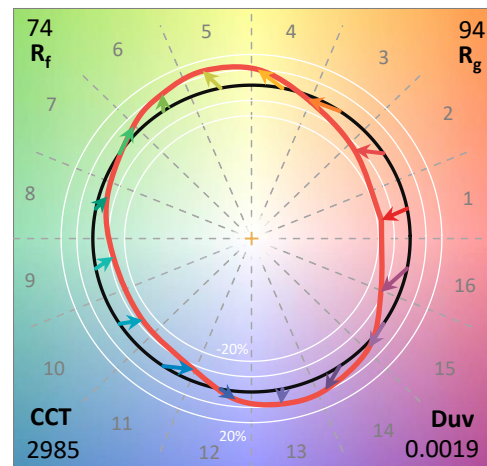
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

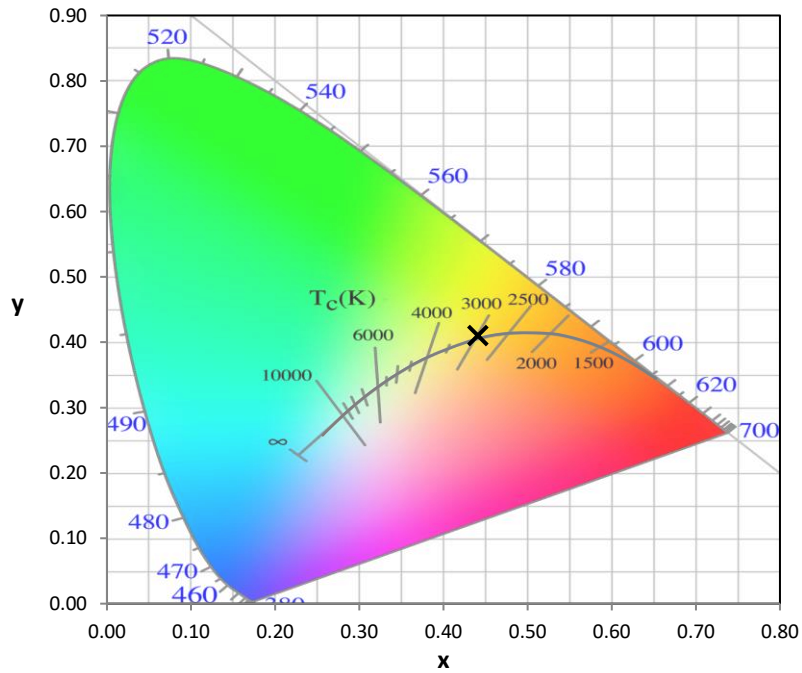
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

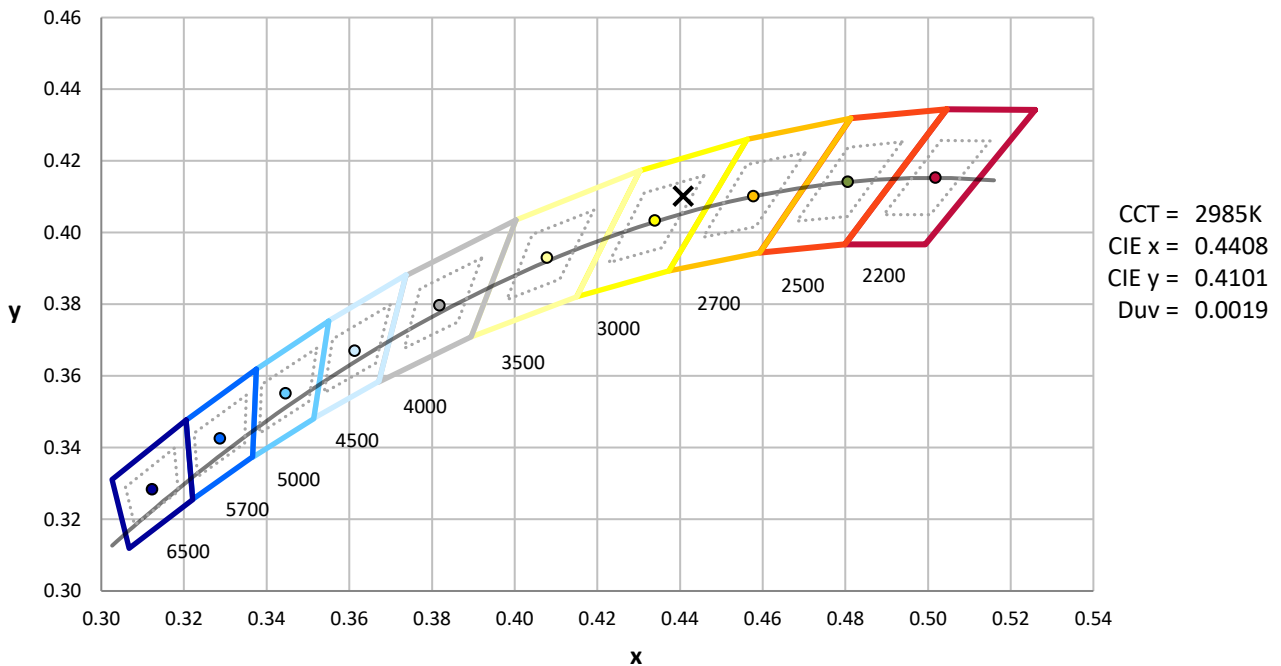
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



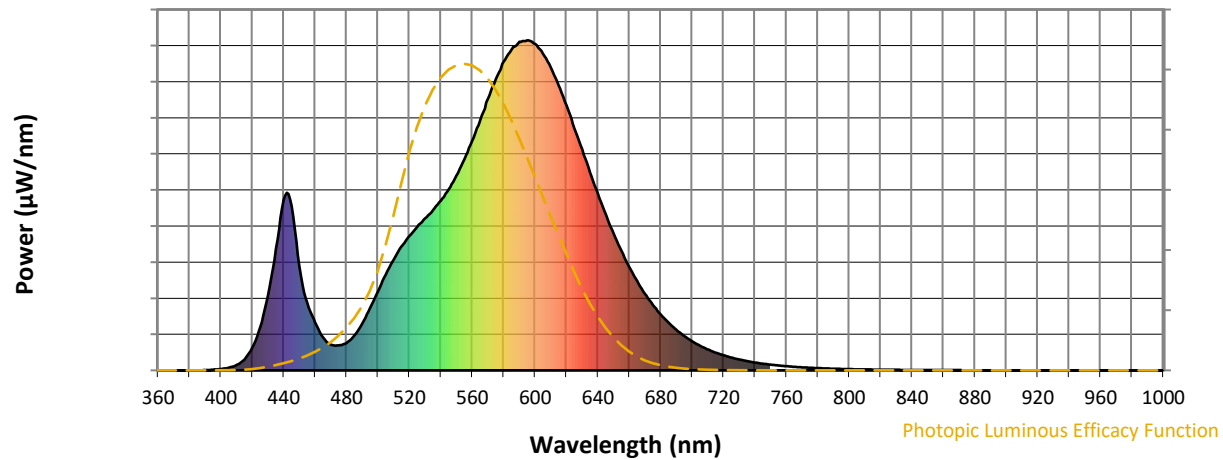
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

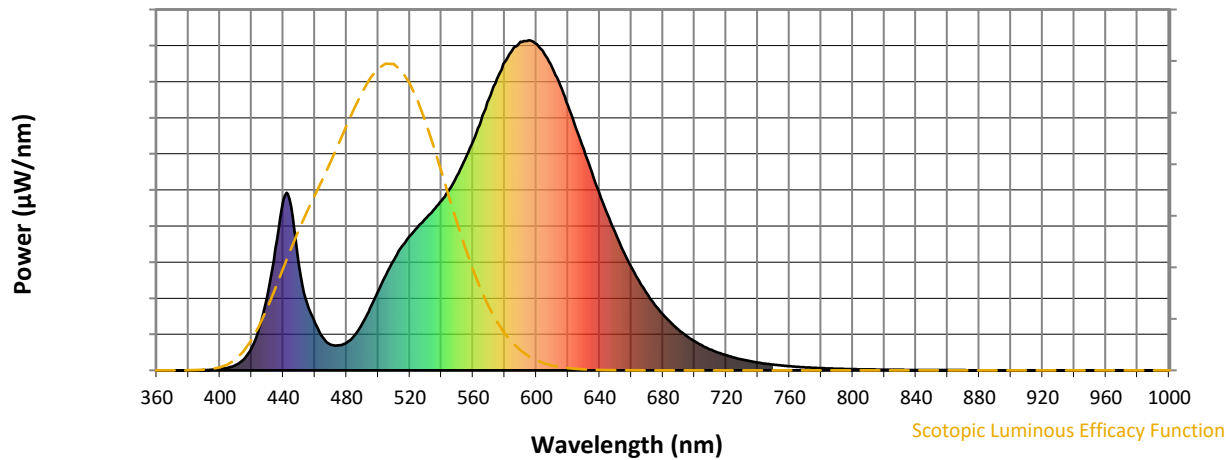


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



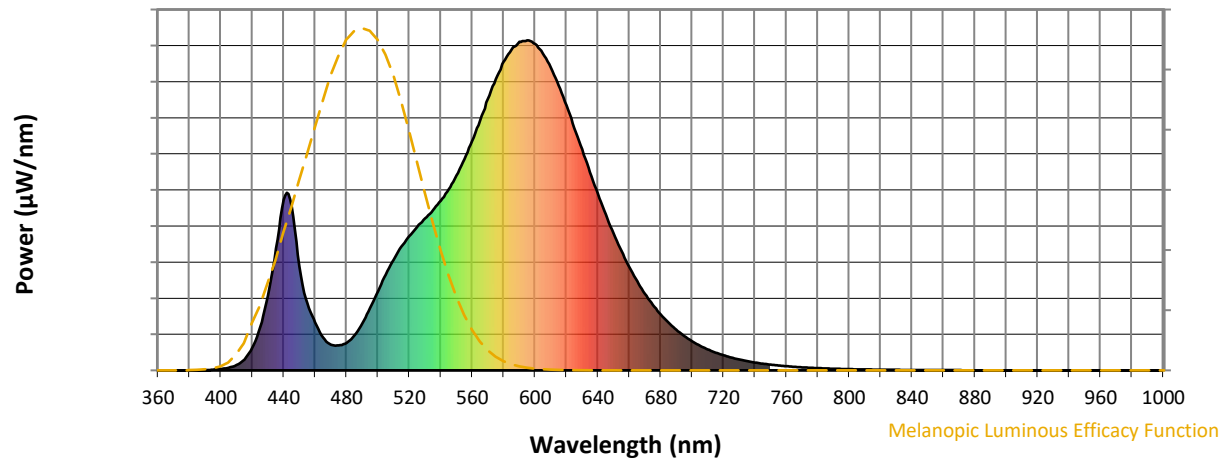
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

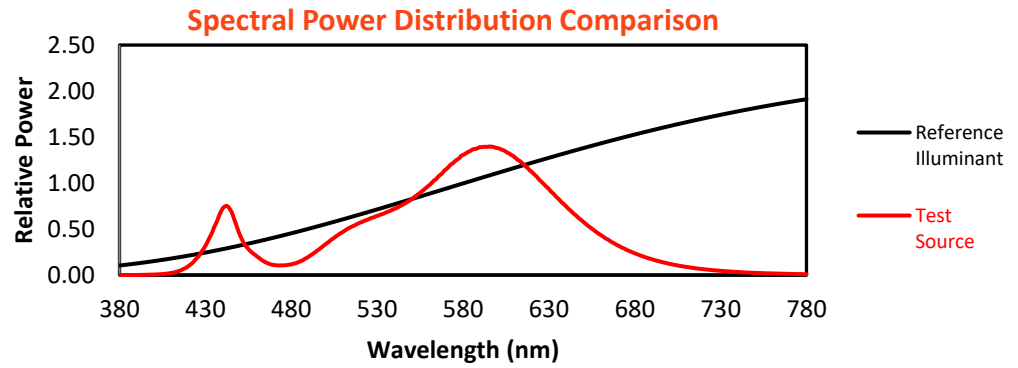
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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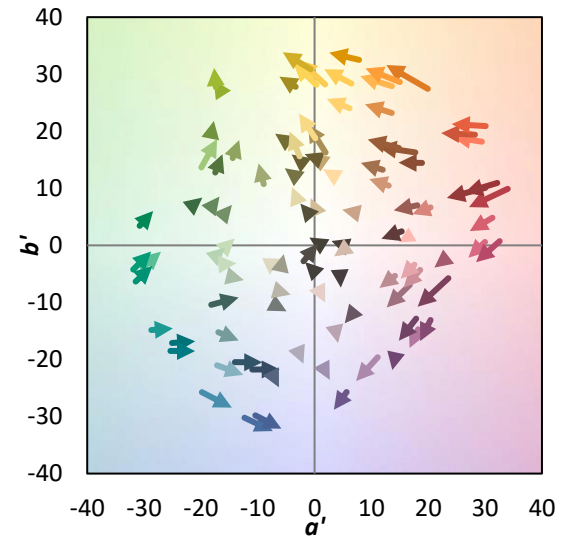
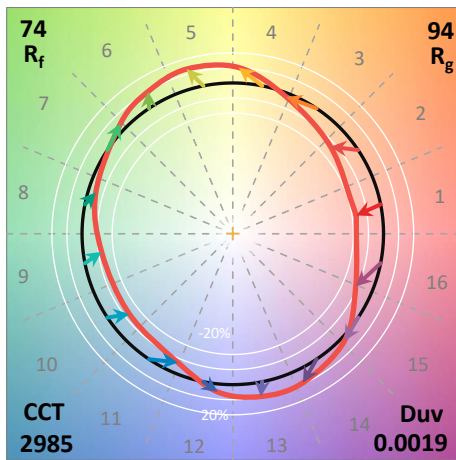
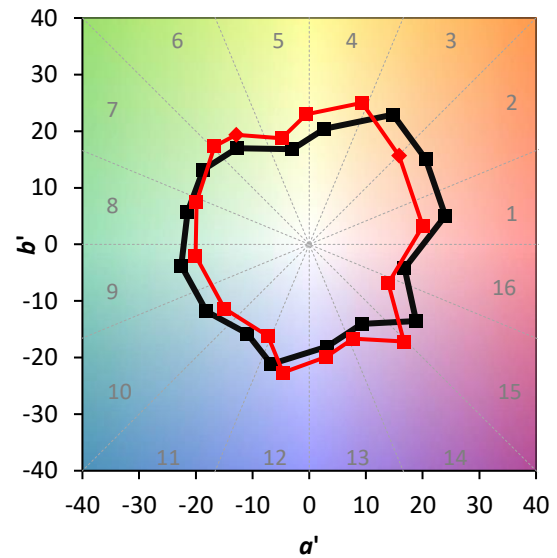
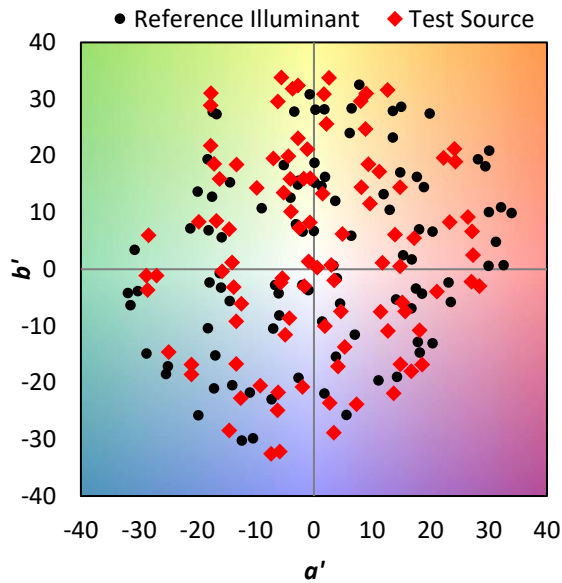
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$

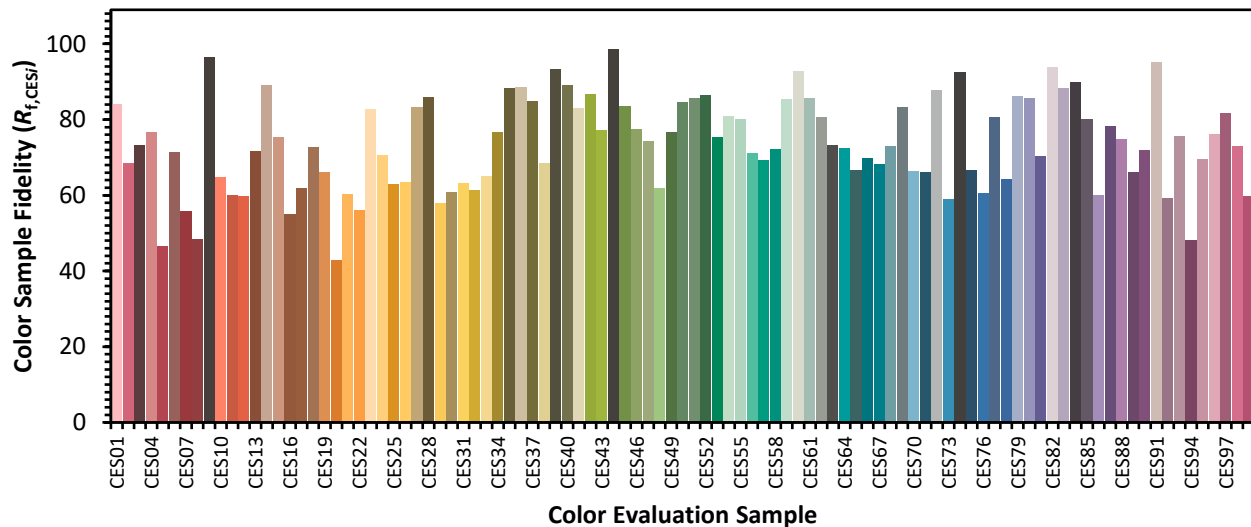


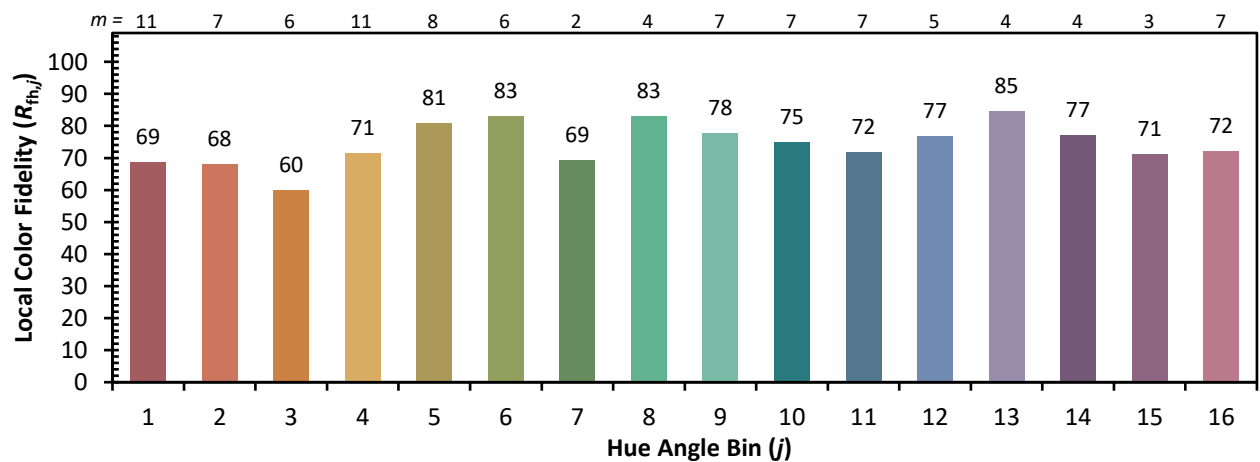
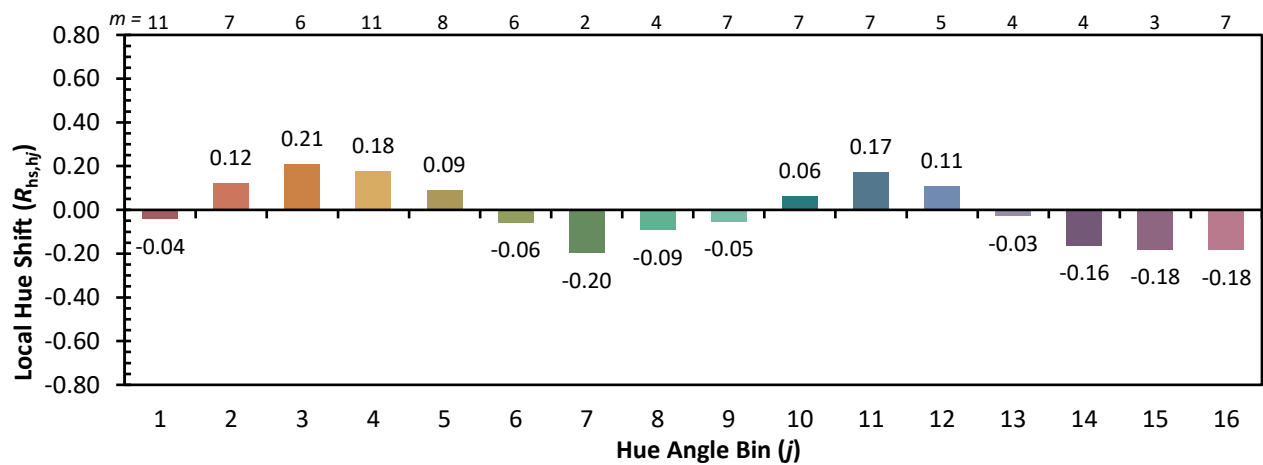
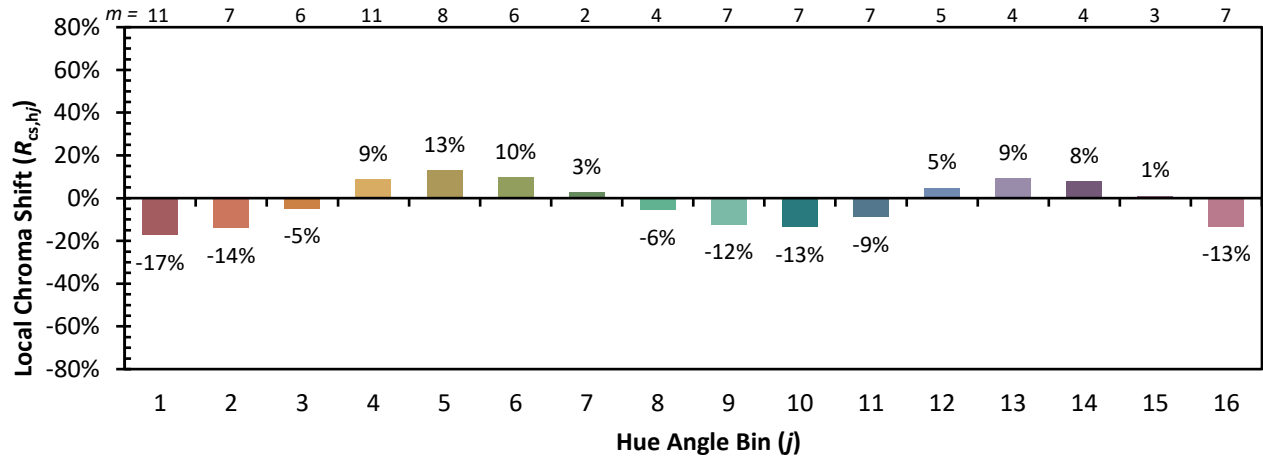
Color Vector Graphics



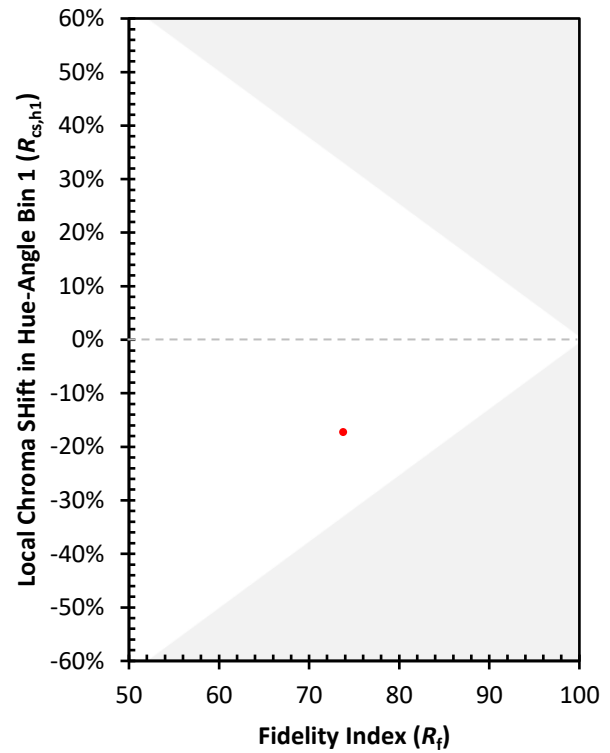
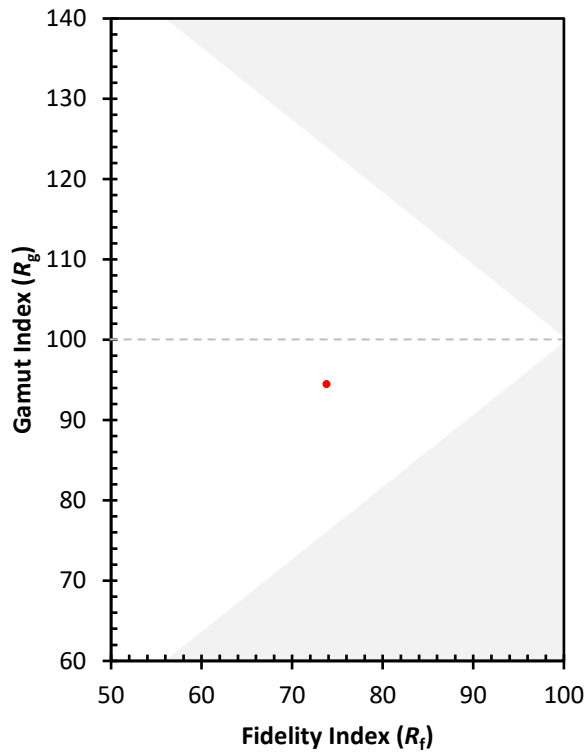
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)