

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: P1063377

Luminaire Tested: **GLAN-SA3A-730-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063377
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-730-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10634.2 lumens
Efficiency: N/A
Efficacy: 130.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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



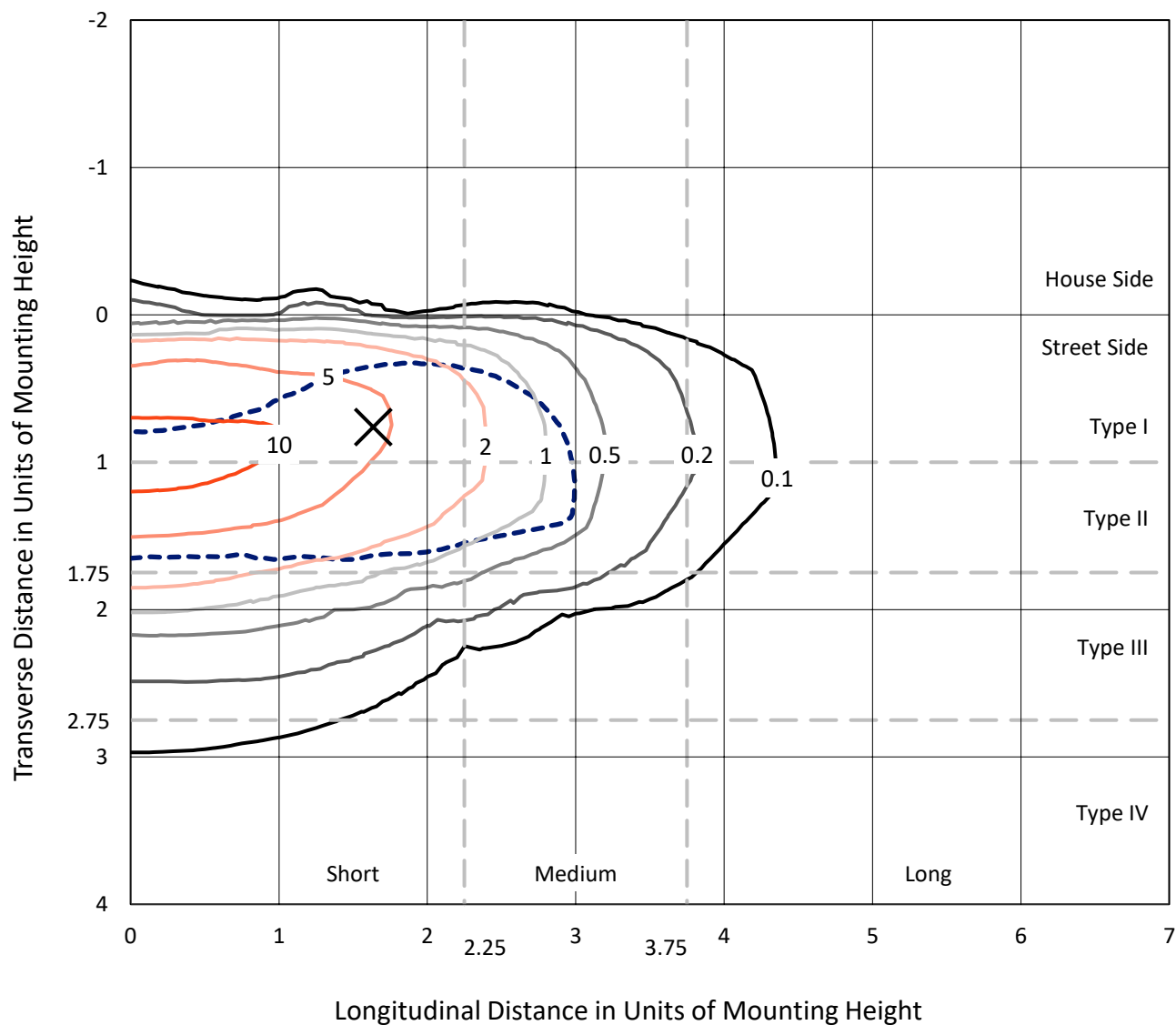
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CATALOG NUMBER: GLAN-SA3A-730-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

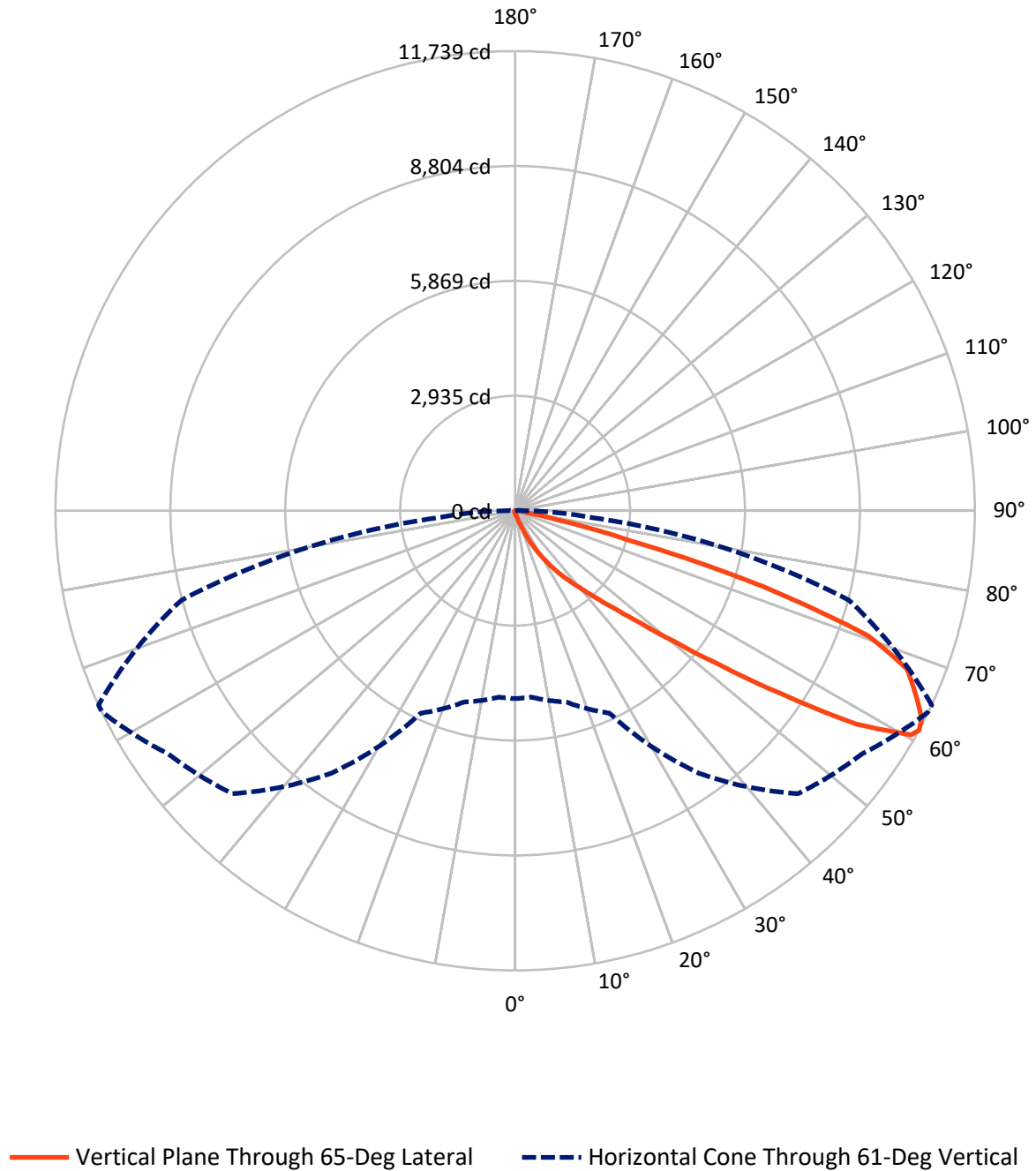


Based on 15 foot mounting height. Maximum calculated value = 14.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	45.4	0.0	45.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10588.8	0.0	10588.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	10634.2	0.0	10634.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	0.1
10°-20°	87.4	0.8
20°-30°	313.8	3.0
30°-40°	835.5	7.9
40°-50°	2195.0	20.6
50°-60°	3400.4	32.0
60°-70°	2851.2	26.8
70°-80°	839.1	7.9
80°-90°	103.5	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°	10634.2	100.0
0°-180°	10634.2	100.0



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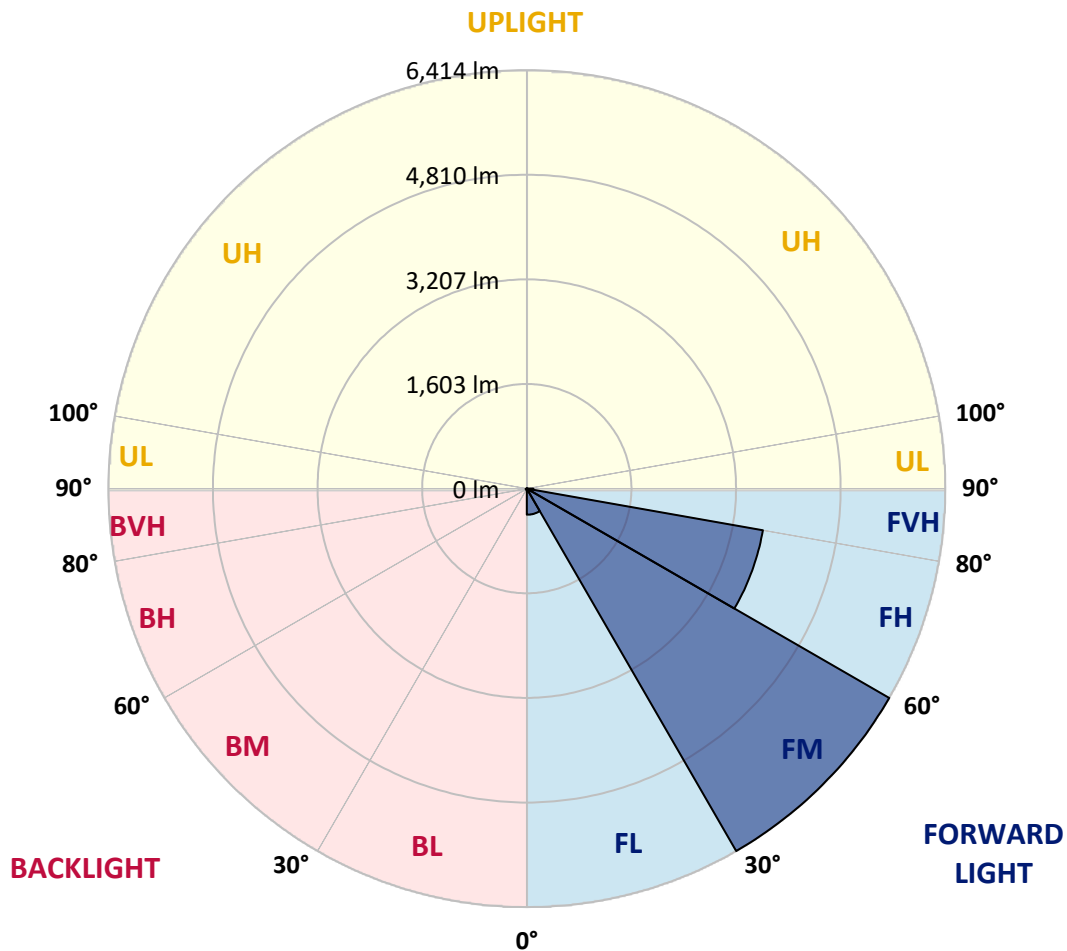
CATALOG NUMBER: GLAN-SA3A-730-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	399.4	3.8			
FM	(30°-60°)	6413.6	60.3			
FH	(60°-80°)	3674.2	34.6			G2/5000
FVH	(80°-90°)	101.6	1.0			G2/225
BL	(0°-30°)	10.2	0.1	B0/110		
BM	(30°-60°)	17.3	0.2	B0/220		
BH	(60°-80°)	16.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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 II Short



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CATALOG NUMBER: GLAN-SA3A-730-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	79.0	79.7	78.3	75.3	73.2	73.2	72.4	70.2	70.2	68.0	66.6
5°	110.5	109.0	106.1	100.2	95.1	90.0	84.9	79.7	79.0	72.4	68.0
7.5°	180.7	182.1	172.6	154.4	139.0	119.2	100.9	90.0	88.5	77.5	68.8
10°	396.5	385.5	363.6	292.6	240.7	181.4	134.6	104.6	103.1	83.4	70.2
12.5°	722.7	714.0	673.7	600.6	466.7	324.8	196.8	129.5	125.1	88.5	71.0
15°	1041.7	1027.8	1005.8	932.0	775.4	582.3	321.9	177.0	165.3	95.8	70.2
17.5°	1245.0	1247.2	1227.5	1196.0	1095.1	861.7	556.0	264.1	241.4	109.0	68.8
20°	1422.8	1417.7	1428.7	1411.8	1340.9	1171.2	809.1	418.4	379.7	130.2	69.5
22.5°	1627.6	1640.1	1648.1	1644.5	1566.2	1421.3	1096.5	626.2	577.2	169.0	71.7
25°	1902.0	1900.5	1901.2	1891.7	1815.6	1654.7	1384.8	884.4	834.7	231.9	76.8
27.5°	2189.4	2198.2	2201.9	2167.5	2068.0	1910.0	1651.8	1166.8	1108.3	332.8	83.4
30°	2582.3	2575.0	2558.1	2487.9	2367.2	2171.2	1915.1	1463.0	1401.6	474.0	93.6
32.5°	3111.9	3103.8	3019.0	2863.9	2683.2	2443.3	2179.9	1760.0	1685.4	650.3	107.5
35°	3984.6	3997.0	3788.5	3386.9	3062.9	2770.3	2473.3	2055.6	1989.7	867.6	126.6
37.5°	5321.1	5253.1	4970.0	4260.4	3562.5	3178.5	2753.4	2354.0	2297.0	1135.3	151.4
40°	6619.5	6552.2	6470.3	5798.0	4430.8	3628.3	3145.5	2704.4	2630.5	1437.4	188.0
42.5°	7984.5	7947.2	7943.6	7436.6	6015.3	4335.7	3617.4	3114.8	3051.9	1768.8	248.0
45°	8951.6	8914.3	8992.6	9081.1	8173.3	5851.4	4438.9	3648.1	3556.7	2171.2	343.8
47.5°	9081.8	9083.3	9292.5	9569.8	9776.8	8196.0	5533.2	4354.7	4243.6	2746.9	504.7
50°	8648.8	8665.6	8998.4	9494.4	10051.8	10163.0	7463.0	5380.3	5215.7	3429.4	733.0
52.5°	7824.3	7843.4	8307.1	9122.8	9798.7	10635.6	9735.1	6721.9	6532.5	4280.9	1054.9
55°	7081.9	7093.6	7625.4	8656.1	9493.7	10378.8	11084.0	8513.4	8264.7	5328.4	1372.3
57.5°	6346.7	6319.6	6665.6	7845.6	9441.7	10063.5	11283.0	10555.1	10280.8	6473.2	1619.6
60°	5363.5	5318.2	5596.1	6346.7	8758.5	10270.6	10910.6	11684.6	11622.4	8067.2	1810.5
61°	4798.0	4779.0	5058.5	5702.2	8183.5	10217.9	10821.4	11732.1	11738.7	8821.4	1896.1
62.5°	3426.4	3480.6	3907.8	4744.6	6854.3	9876.3	10833.1	11585.1	11650.2	9823.6	2117.8
65°	1523.0	1610.1	1942.2	2623.2	3986.1	8215.7	10729.2	11262.5	11230.3	10098.6	2881.5
67.5°	903.4	916.6	1081.9	1486.5	2111.2	4419.1	9468.1	10836.0	10792.9	8791.4	3585.2
70°	711.8	718.4	771.0	932.7	1225.3	1692.7	5403.7	9375.2	9563.2	7128.7	3509.8
72.5°	675.2	673.7	681.0	709.6	771.8	839.8	2092.1	6231.8	6614.4	5133.8	2942.9
75°	666.4	663.5	656.2	645.2	558.9	494.5	648.1	2756.4	2978.0	3507.6	2215.8
77.5°	646.7	647.4	648.9	618.9	479.1	349.7	313.8	884.4	1087.8	2226.0	1575.0
80°	437.4	444.0	455.0	443.3	430.9	253.1	221.7	314.6	318.9	1249.4	1040.2
82.5°	221.7	221.7	216.5	193.1	166.8	164.6	176.3	228.2	231.2	632.0	489.4
85°	133.9	141.2	144.1	130.9	120.0	110.5	134.6	181.4	188.0	245.1	114.1
87.5°	30.0	30.7	33.6	44.6	65.1	88.5	125.1	166.1	169.0	157.3	13.9
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-SA3A-730-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
2.5°	65.8	64.4	63.6	61.4	59.3	57.1	55.6	54.9	55.6	56.3	56.3
5°	65.1	62.9	59.3	55.6	52.7	49.7	46.8	46.1	46.1	46.8	46.8
7.5°	65.1	61.4	56.3	51.9	47.5	43.2	41.0	39.5	40.2	40.2	40.2
10°	65.1	60.7	54.1	47.5	42.4	37.3	33.6	32.2	32.2	32.2	32.2
12.5°	64.4	60.0	51.9	43.9	36.6	30.7	26.3	24.1	24.9	24.9	24.9
15°	62.9	57.8	49.0	37.3	29.3	23.4	19.0	16.8	17.6	19.0	19.8
17.5°	60.7	55.6	43.9	31.5	23.4	17.6	13.2	11.7	12.4	14.6	14.6
20°	60.0	53.4	38.8	25.6	17.6	12.4	8.8	7.3	8.0	11.0	11.7
22.5°	60.0	51.9	35.1	21.2	13.2	8.0	5.1	2.9	2.9	5.1	5.1
25°	60.7	51.2	32.2	17.6	9.5	5.9	2.9	1.5	2.9	8.0	9.5
27.5°	62.2	50.5	30.7	14.6	7.3	5.1	2.2	5.1	8.8	8.8	8.8
30°	63.6	49.0	28.5	12.4	6.6	3.7	3.7	7.3	7.3	8.8	9.5
32.5°	65.8	48.3	27.1	11.0	5.1	2.9	5.1	4.4	4.4	5.1	5.9
35°	70.2	49.0	25.6	11.0	5.1	3.7	4.4	2.2	1.5	1.5	1.5
37.5°	76.1	49.7	23.4	9.5	4.4	4.4	2.2	0.0	0.0	0.0	0.0
40°	85.6	51.9	21.9	8.8	3.7	3.7	0.7	0.0	0.0	0.0	0.0
42.5°	101.7	56.3	21.2	8.0	3.7	2.9	0.0	0.0	0.0	0.0	0.0
45°	133.9	66.6	19.8	7.3	3.7	1.5	0.0	0.0	0.0	0.0	0.0
47.5°	192.4	90.7	19.0	5.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	280.9	122.9	18.3	5.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	358.4	129.5	12.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	367.2	89.2	9.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	292.6	57.8	8.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	221.7	43.9	7.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	212.9	39.5	7.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	234.8	34.4	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	381.9	28.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	663.5	24.9	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	838.3	23.4	4.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	730.8	21.2	4.4	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	439.6	18.3	4.4	2.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	230.4	13.9	4.4	3.7	2.2	0.7	0.0	0.0	0.0	0.0	0.0
80°	111.9	12.4	5.1	3.7	2.9	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	43.9	10.2	5.9	5.1	3.7	2.2	0.7	0.0	0.0	0.0	0.0
85°	19.8	8.8	6.6	5.9	5.1	2.9	0.7	0.0	0.0	0.0	0.0
87.5°	10.2	8.0	7.3	6.6	5.1	3.7	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

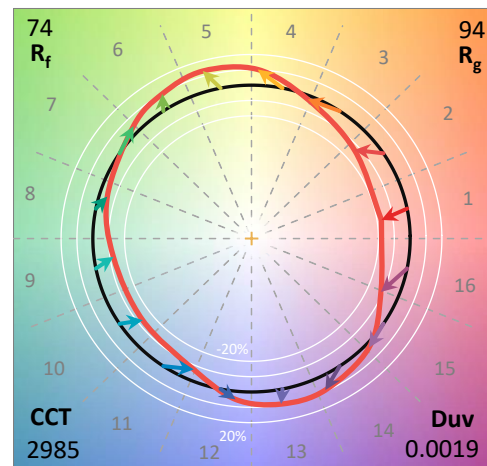
Test Information

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

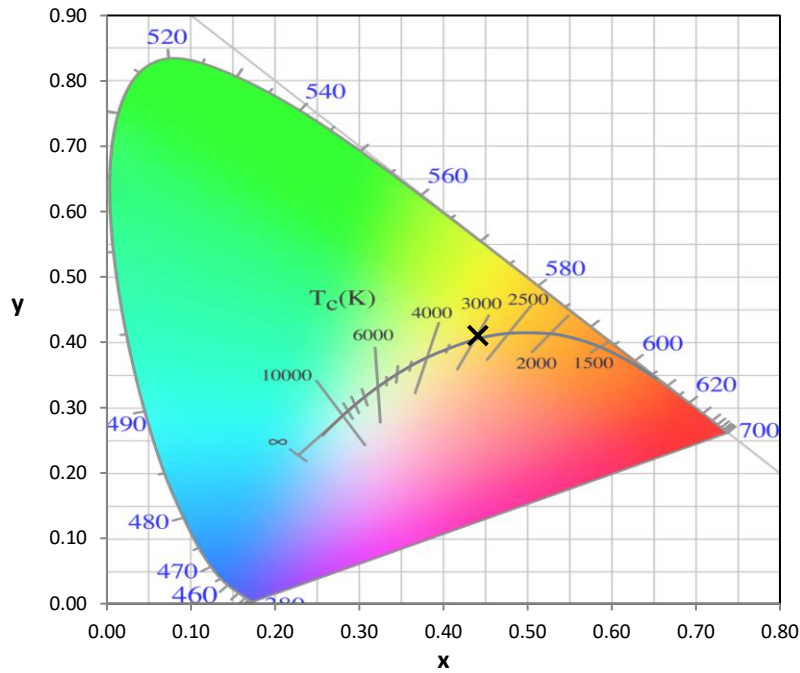
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

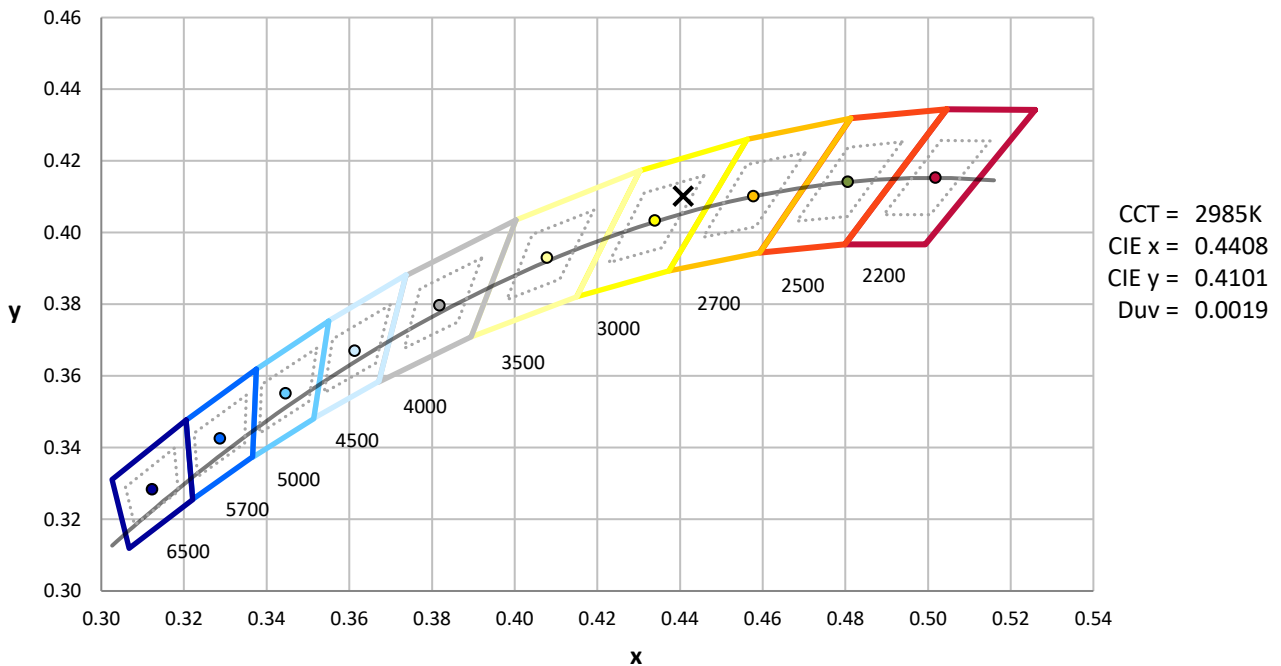
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



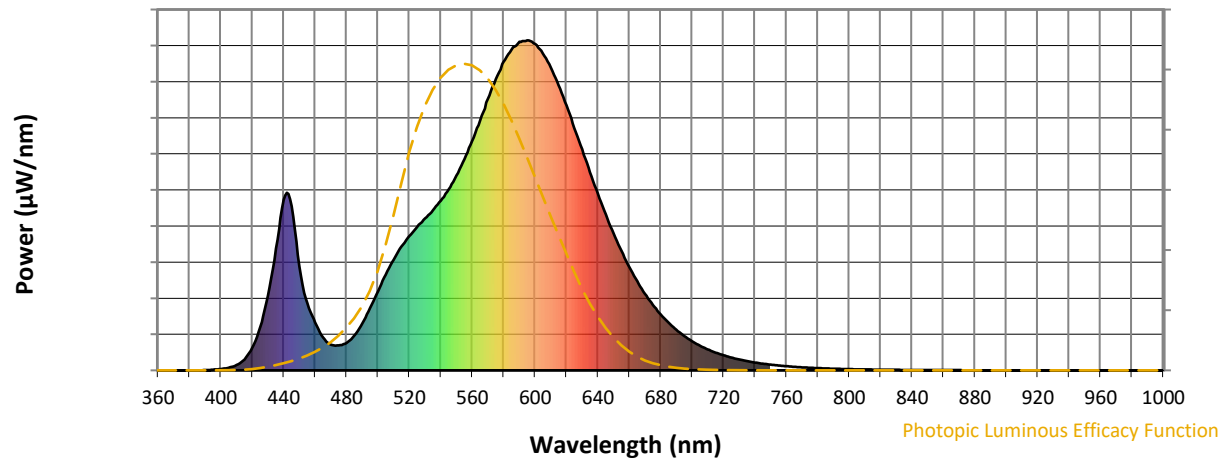
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

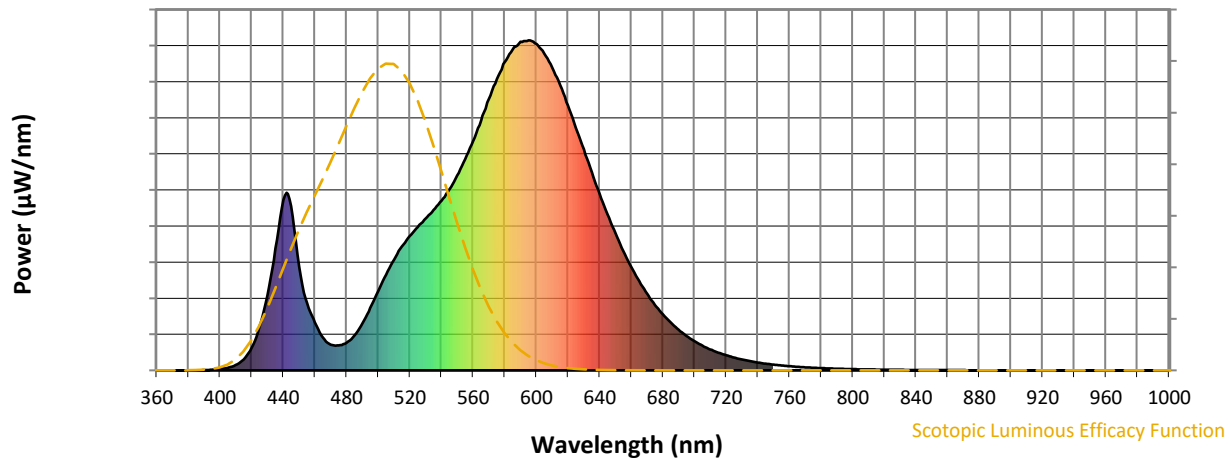


Photopic Lumens: NR

λ (nm)	Power 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	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



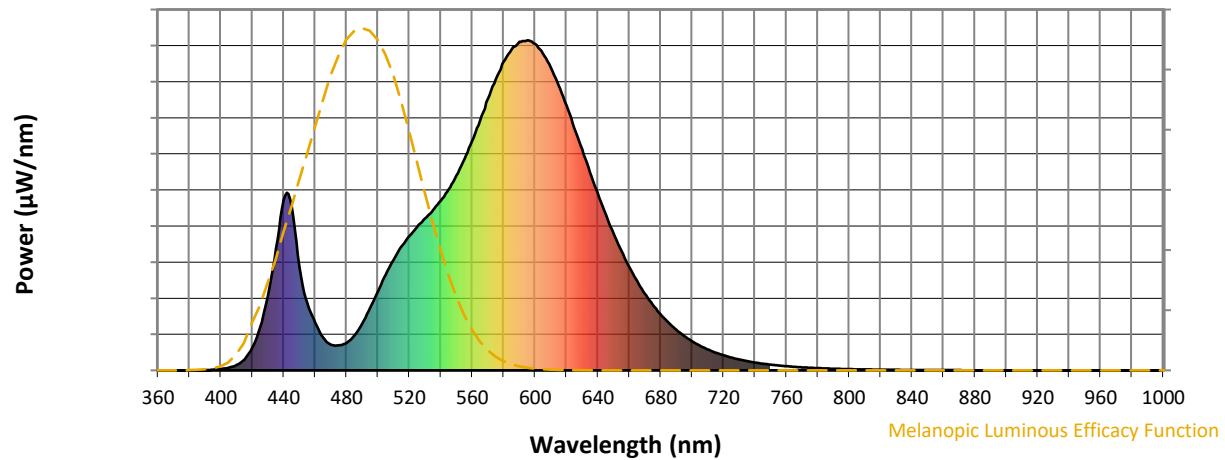
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power 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	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

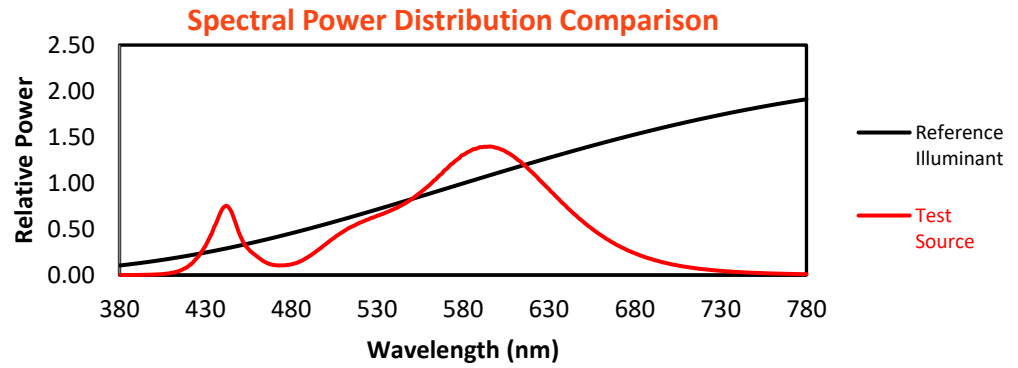
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	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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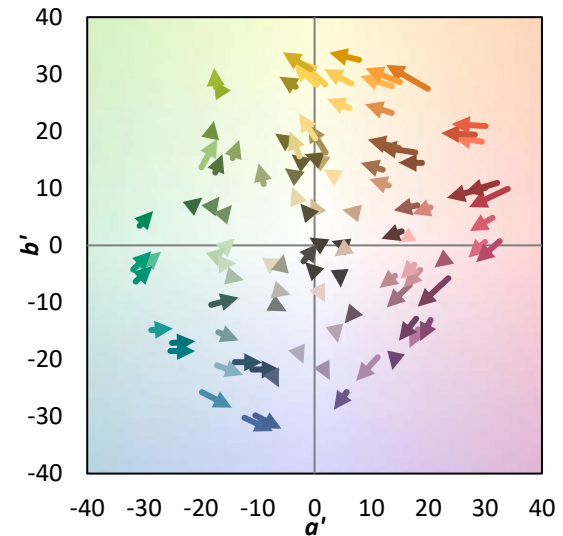
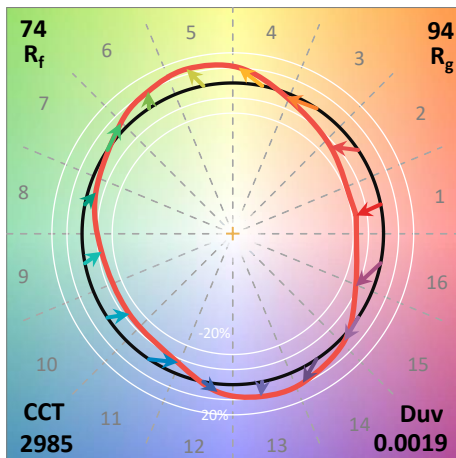
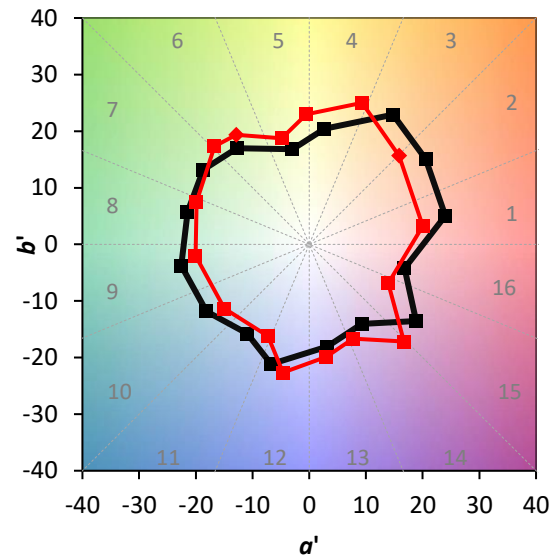
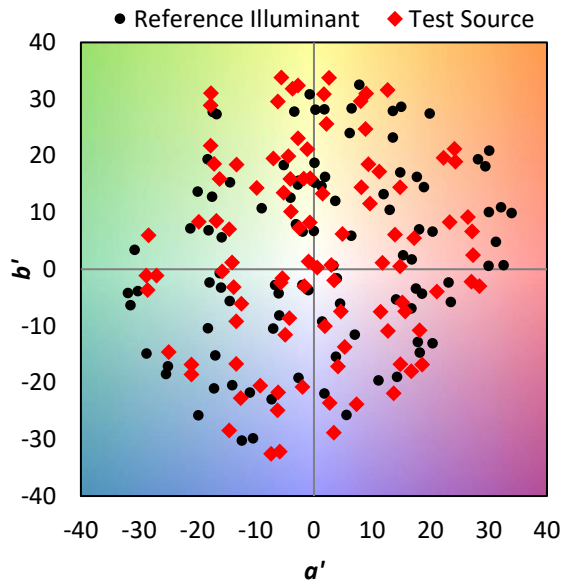
TM-30-18

Summary

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

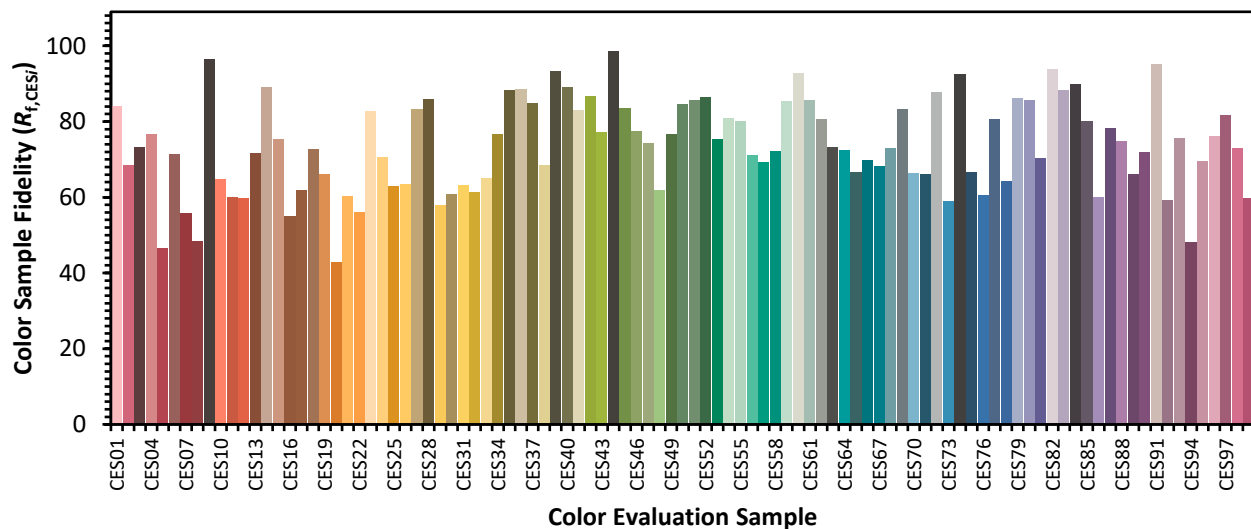


Color Vector Graphics

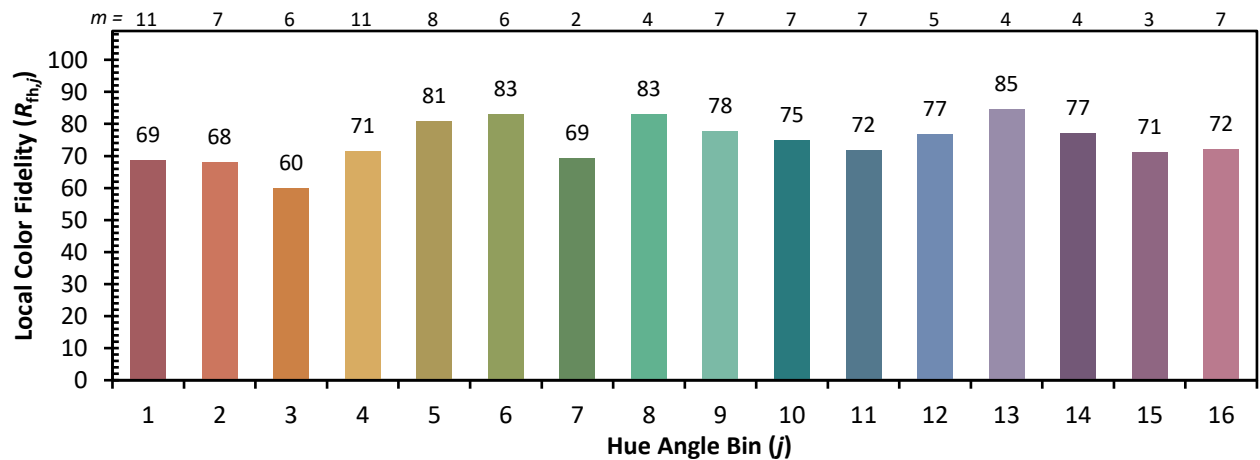
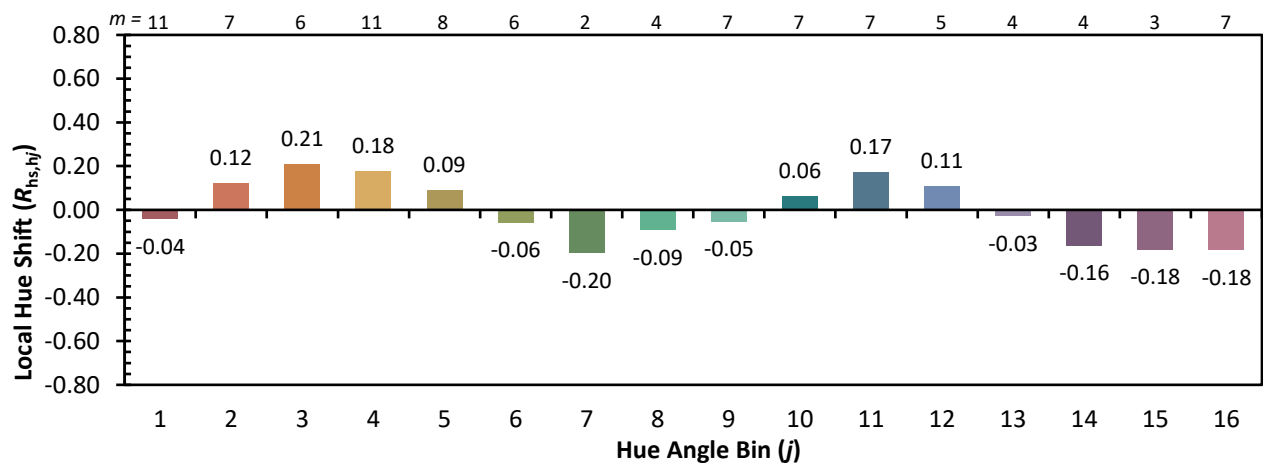
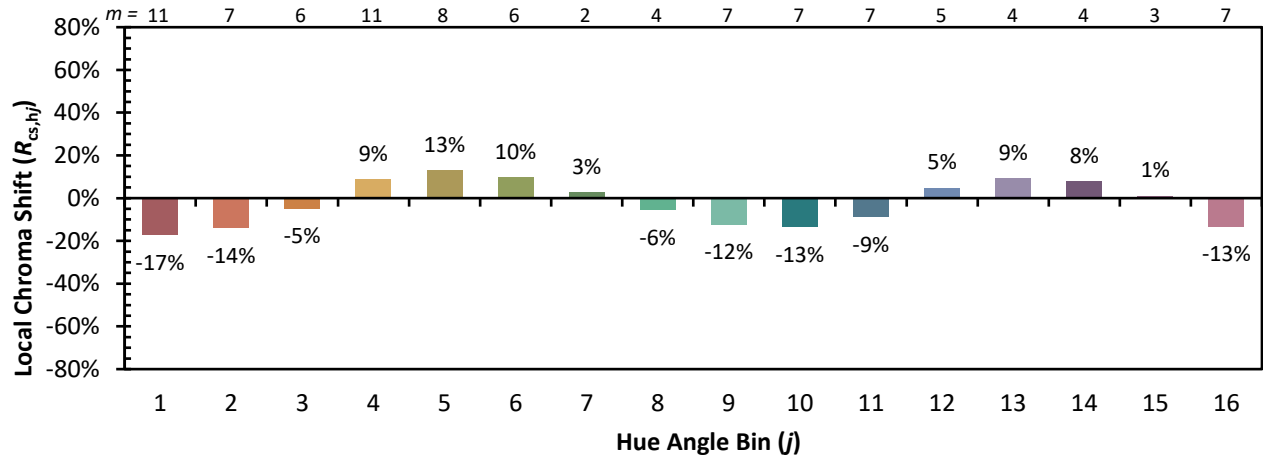


Individual Sample Fidelity Index ($R_{f,i}$)

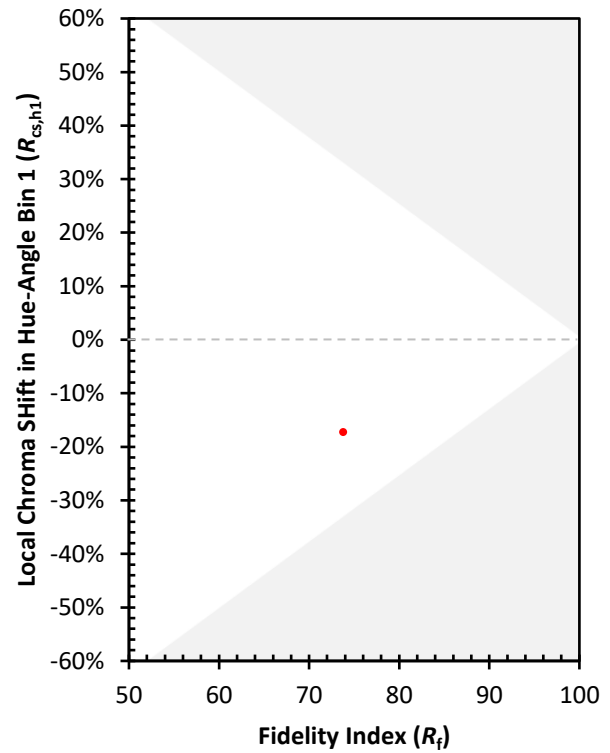
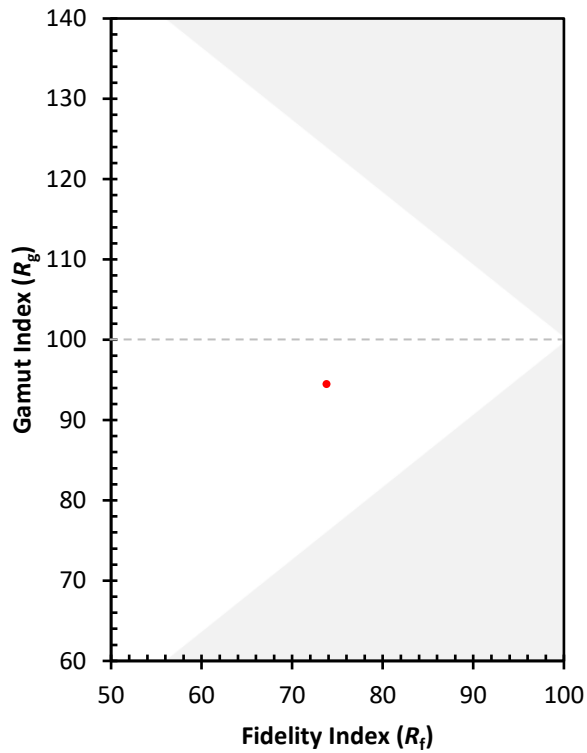
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)