

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: P1063609

Luminaire Tested: **GLAN-SA7A-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063609
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA7A-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22326.1 lumens
Efficiency: N/A
Efficacy: 115.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

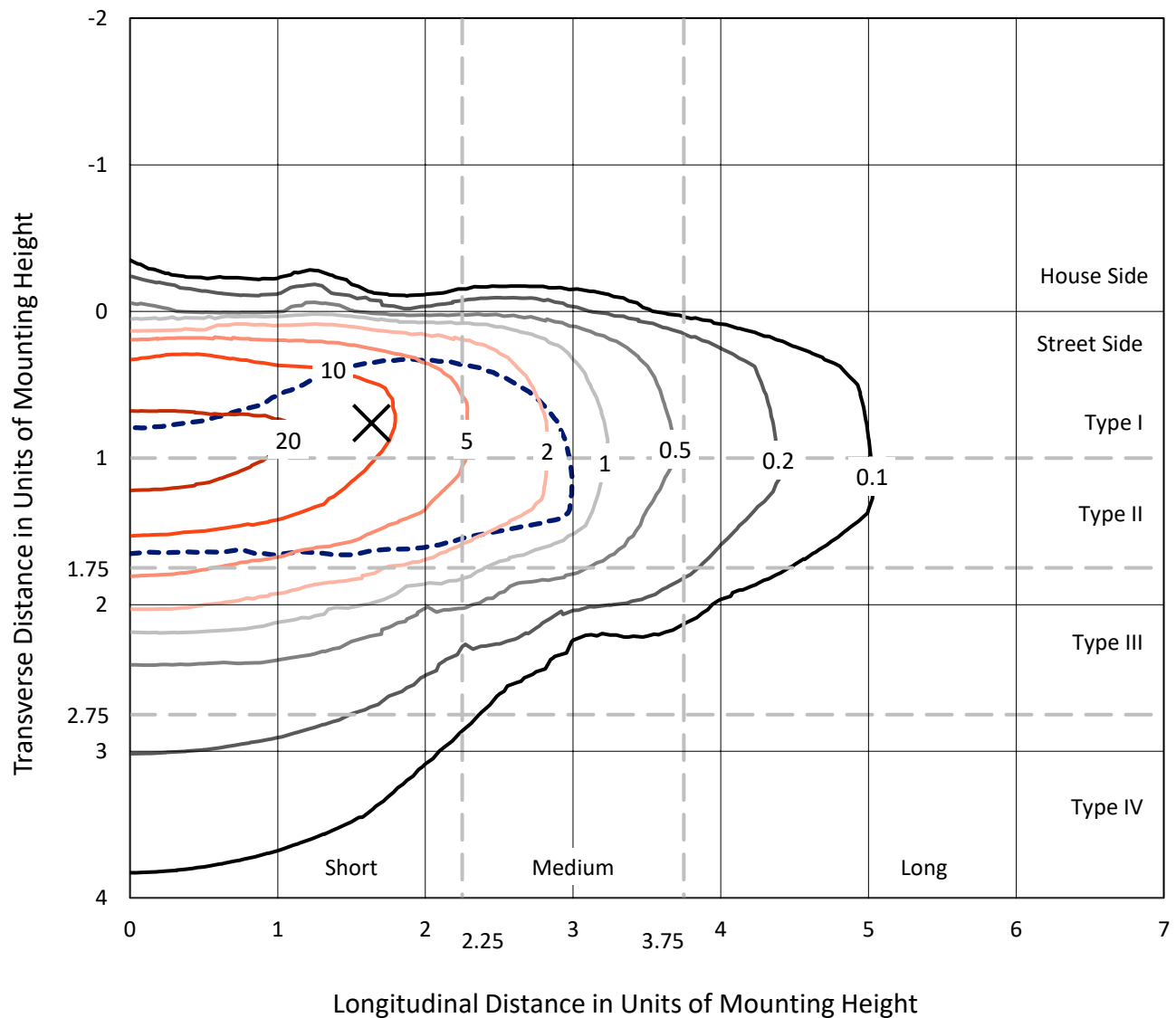


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

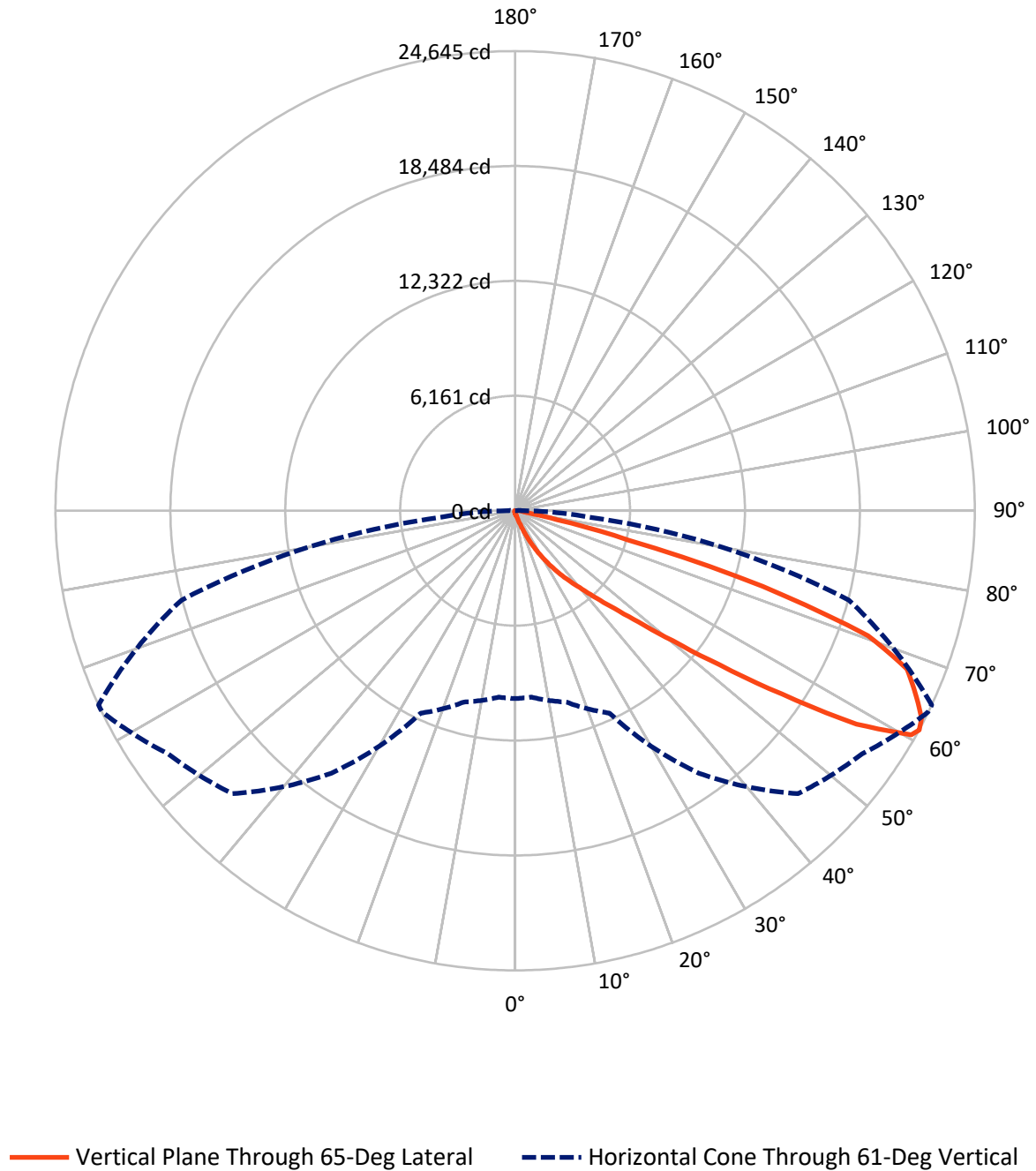


Based on 15 foot mounting height. Maximum calculated value = 29.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	95.3	0.0	95.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22230.8	0.0	22230.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	22326.1	0.0	22326.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.4	0.1
10°-20°	183.6	0.8
20°-30°	658.9	3.0
30°-40°	1754.2	7.9
40°-50°	4608.2	20.6
50°-60°	7139.0	32.0
60°-70°	5986.0	26.8
70°-80°	1761.6	7.9
80°-90°	217.3	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°	22326.1	100.0
0°-180°	22326.1	100.0



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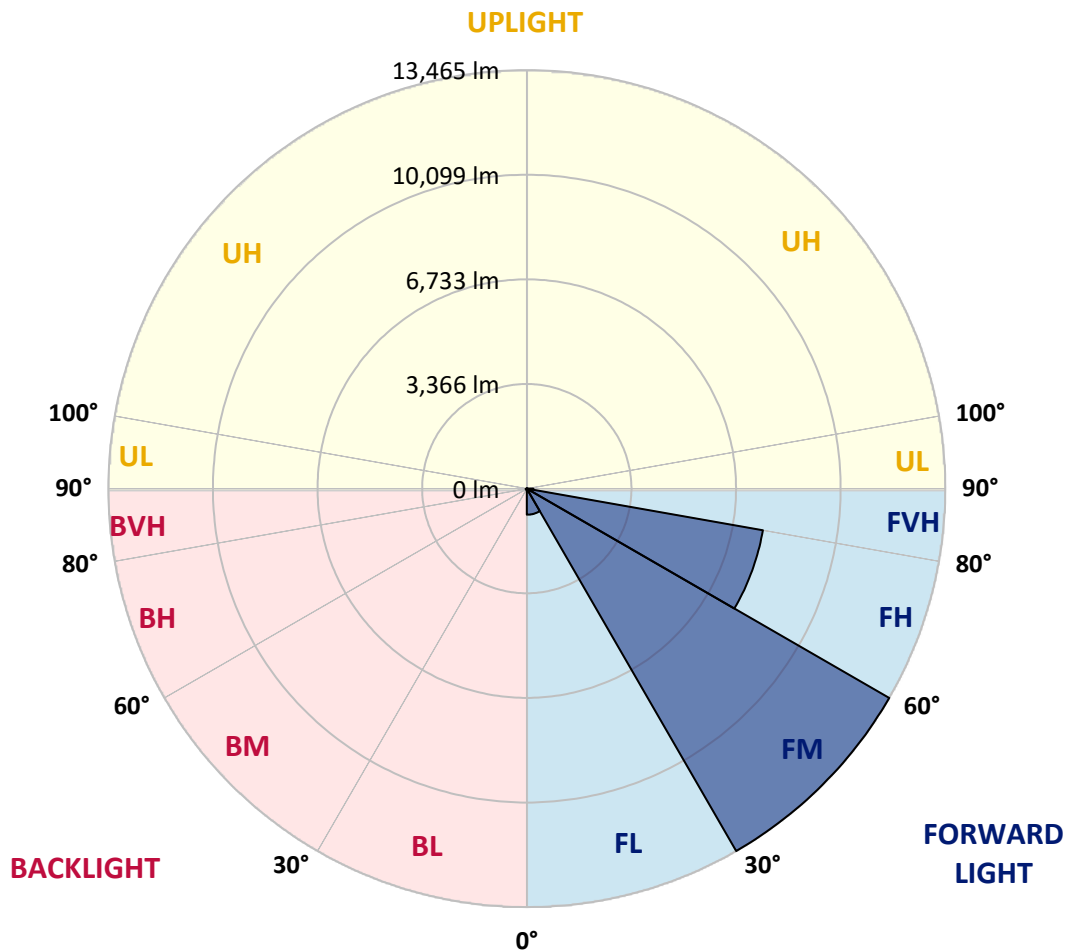
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	838.5	3.8			
FM	(30°-60°)	13465.2	60.3			
FH	(60°-80°)	7713.9	34.6			G4/12000
FVH	(80°-90°)	213.3	1.0			G2/225
BL	(0°-30°)	21.4	0.1	B0/110		
BM	(30°-60°)	36.3	0.2	B0/220		
BH	(60°-80°)	33.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	165.9	167.4	164.3	158.2	153.6	153.6	152.0	147.4	147.4	142.8	139.8
5°	231.9	228.8	222.7	210.4	199.7	188.9	178.2	167.4	165.9	152.0	142.8
7.5°	379.3	382.4	362.4	324.1	291.8	250.3	211.9	188.9	185.8	162.8	144.4
10°	832.4	809.4	763.3	614.3	505.3	380.9	282.6	219.6	216.5	175.1	147.4
12.5°	1517.4	1498.9	1414.5	1260.9	979.8	681.9	413.1	271.8	262.6	185.8	149.0
15°	2187.0	2157.8	2111.7	1956.6	1627.9	1222.5	675.7	371.7	347.1	201.2	147.4
17.5°	2613.9	2618.5	2577.1	2511.0	2299.1	1809.2	1167.2	554.4	506.8	228.8	144.4
20°	2987.1	2976.4	2999.4	2964.1	2815.1	2458.8	1698.6	878.5	797.1	273.4	145.9
22.5°	3417.1	3443.3	3460.1	3452.5	3288.1	2984.0	2302.2	1314.6	1211.7	354.8	150.5
25°	3993.1	3990.0	3991.5	3971.6	3811.8	3474.0	2907.3	1856.8	1752.3	486.8	161.3
27.5°	4596.6	4615.1	4622.7	4550.6	4341.7	4010.0	3467.8	2449.6	2326.7	698.8	175.1
30°	5421.4	5406.0	5370.7	5223.2	4969.8	4558.2	4020.7	3071.6	2942.6	995.2	196.6
32.5°	6533.3	6516.4	6338.2	6012.6	5633.3	5129.6	4576.7	3695.1	3538.5	1365.3	225.8
35°	8365.5	8391.6	7953.9	7110.7	6430.4	5816.1	5192.5	4315.6	4177.4	1821.5	265.7
37.5°	11171.4	11028.5	10434.2	8944.5	7479.3	6673.0	5780.7	4942.2	4822.4	2383.6	317.9
40°	13897.4	13756.1	13584.1	12172.7	9302.3	7617.5	6603.9	5677.8	5522.7	3017.8	394.7
42.5°	16763.2	16684.9	16677.2	15612.9	12628.8	9102.7	7594.5	6539.4	6407.3	3713.6	520.6
45°	18793.5	18715.2	18879.5	19065.4	17159.4	12284.8	9319.2	7659.0	7467.0	4558.2	721.8
47.5°	19066.9	19070.0	19509.2	20091.3	20525.9	17207.0	11616.8	9142.6	8909.1	5766.9	1059.7
50°	18157.7	18193.0	18891.8	19933.1	21103.4	21336.8	15668.2	11295.8	10950.2	7199.8	1538.9
52.5°	16426.9	16466.8	17440.5	19152.9	20572.0	22328.9	20438.4	14112.4	13714.6	8987.5	2214.6
55°	14868.0	14892.6	16009.1	18173.1	19931.5	21789.9	23270.4	17873.6	17351.4	11186.7	2881.2
57.5°	13324.6	13267.7	13994.2	16471.4	19822.5	21127.9	23688.1	22160.0	21584.1	13590.2	3400.2
60°	11260.4	11165.2	11748.8	13324.6	18388.1	21562.6	22906.4	24531.2	24400.7	16936.7	3801.1
61°	10073.3	10033.3	10620.0	11971.5	17180.9	21452.0	22719.0	24631.1	24644.9	18520.1	3980.8
62.5°	7193.7	7307.3	8204.2	9961.2	14390.4	20734.8	22743.6	24322.4	24459.1	20624.2	4446.1
65°	3197.5	3380.3	4077.5	5507.4	8368.5	17248.5	22525.5	23645.1	23577.5	21201.6	6049.5
67.5°	1896.7	1924.4	2271.4	3120.7	4432.3	9277.7	19877.8	22749.7	22659.1	18457.2	7526.9
70°	1494.3	1508.2	1618.7	1958.1	2572.5	3553.8	11344.9	19682.7	20077.4	14966.3	7368.7
72.5°	1417.5	1414.5	1429.8	1489.7	1620.3	1763.1	4392.4	13083.4	13886.7	10778.2	6178.5
75°	1399.1	1393.0	1377.6	1354.6	1173.3	1038.2	1360.7	5786.9	6252.2	7364.1	4651.9
77.5°	1357.6	1359.2	1362.2	1299.3	1005.9	734.1	658.9	1856.8	2283.7	4673.4	3306.6
80°	918.4	932.2	955.3	930.7	904.6	531.4	465.3	660.4	669.6	2623.1	2183.9
82.5°	465.3	465.3	454.6	405.4	350.2	345.6	370.1	479.2	485.3	1326.9	1027.4
85°	281.1	296.4	302.6	274.9	251.9	231.9	282.6	380.9	394.7	514.5	239.6
87.5°	63.0	64.5	70.6	93.7	136.7	185.8	262.6	348.6	354.8	330.2	29.2
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-SA7A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
2.5°	138.2	135.1	133.6	129.0	124.4	119.8	116.7	115.2	116.7	118.3	118.3
5°	136.7	132.1	124.4	116.7	110.6	104.4	98.3	96.8	96.8	98.3	98.3
7.5°	136.7	129.0	118.3	109.0	99.8	90.6	86.0	82.9	84.5	84.5	84.5
10°	136.7	127.5	113.6	99.8	89.1	78.3	70.6	67.6	67.6	67.6	67.6
12.5°	135.1	125.9	109.0	92.1	76.8	64.5	55.3	50.7	52.2	52.2	52.2
15°	132.1	121.3	102.9	78.3	61.4	49.1	39.9	35.3	36.9	39.9	41.5
17.5°	127.5	116.7	92.1	66.0	49.1	36.9	27.6	24.6	26.1	30.7	30.7
20°	125.9	112.1	81.4	53.8	36.9	26.1	18.4	15.4	16.9	23.0	24.6
22.5°	125.9	109.0	73.7	44.5	27.6	16.9	10.8	6.1	6.1	10.8	10.8
25°	127.5	107.5	67.6	36.9	20.0	12.3	6.1	3.1	6.1	16.9	20.0
27.5°	130.5	106.0	64.5	30.7	15.4	10.8	4.6	10.8	18.4	18.4	18.4
30°	133.6	102.9	59.9	26.1	13.8	7.7	7.7	15.4	15.4	18.4	20.0
32.5°	138.2	101.4	56.8	23.0	10.8	6.1	10.8	9.2	9.2	10.8	12.3
35°	147.4	102.9	53.8	23.0	10.8	7.7	9.2	4.6	3.1	3.1	3.1
37.5°	159.7	104.4	49.1	20.0	9.2	9.2	4.6	0.0	0.0	0.0	0.0
40°	179.7	109.0	46.1	18.4	7.7	7.7	1.5	0.0	0.0	0.0	0.0
42.5°	213.5	118.3	44.5	16.9	7.7	6.1	0.0	0.0	0.0	0.0	0.0
45°	281.1	139.8	41.5	15.4	7.7	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	403.9	190.4	39.9	12.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	589.7	258.0	38.4	10.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	752.5	271.8	26.1	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	771.0	187.4	20.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	614.3	121.3	16.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	465.3	92.1	15.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	446.9	82.9	15.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	493.0	72.2	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	801.7	59.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1393.0	52.2	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1760.0	49.1	9.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1534.3	44.5	9.2	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	923.0	38.4	9.2	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	483.8	29.2	9.2	7.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0
80°	235.0	26.1	10.8	7.7	6.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	92.1	21.5	12.3	10.8	7.7	4.6	1.5	0.0	0.0	0.0	0.0
85°	41.5	18.4	13.8	12.3	10.8	6.1	1.5	0.0	0.0	0.0	0.0
87.5°	21.5	16.9	15.4	13.8	10.8	7.7	3.1	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

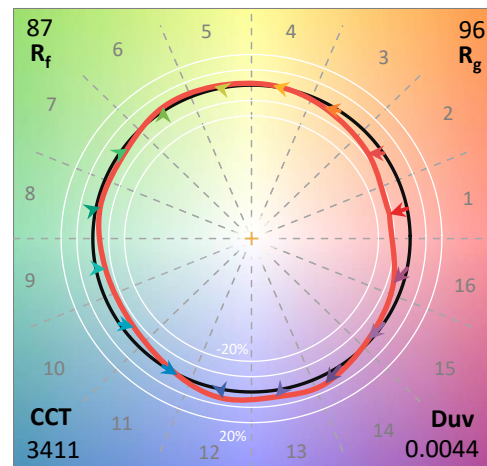
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

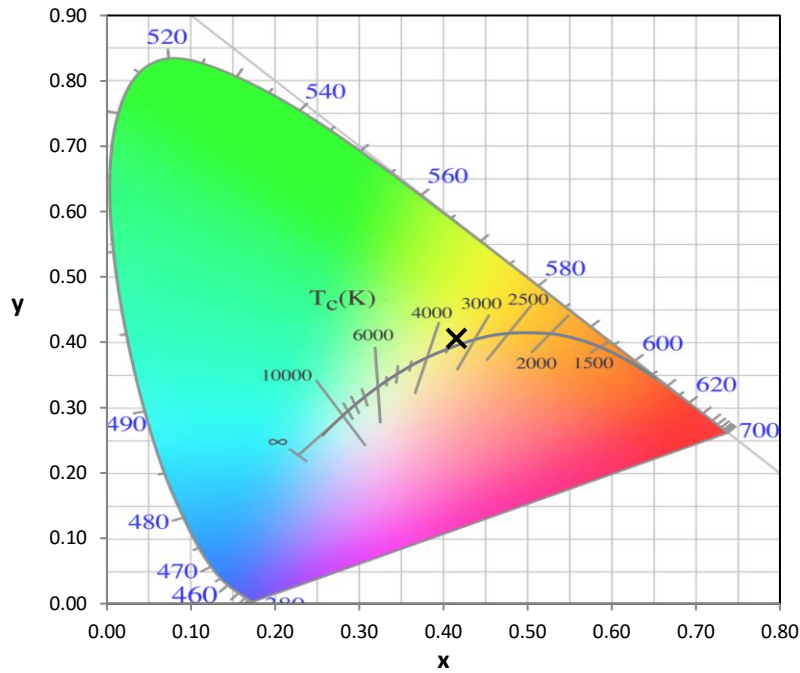
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

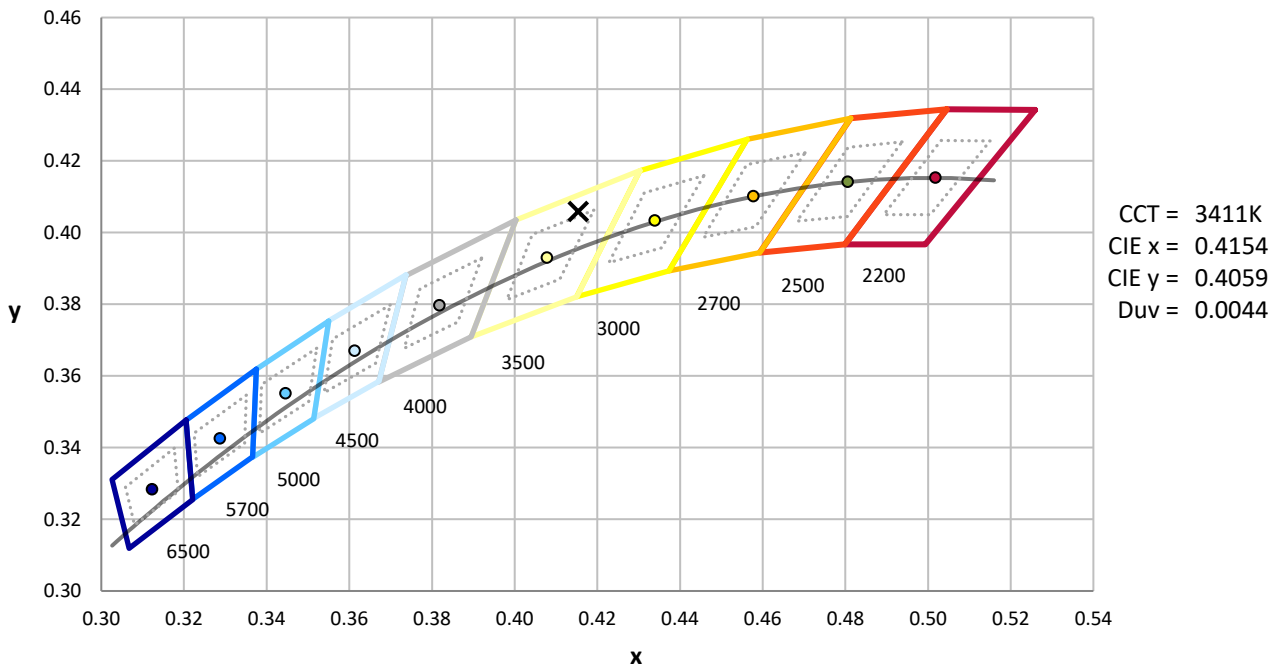
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



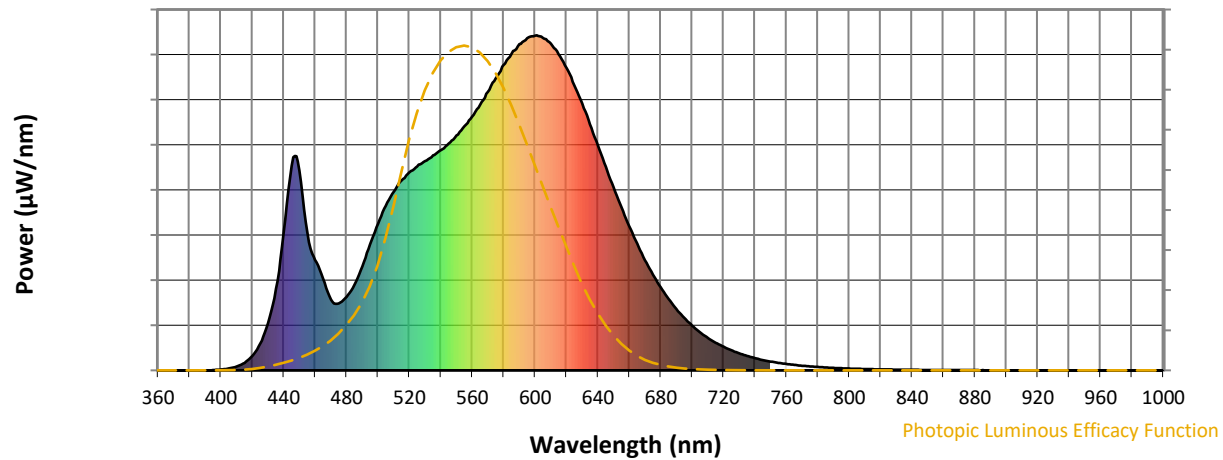
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

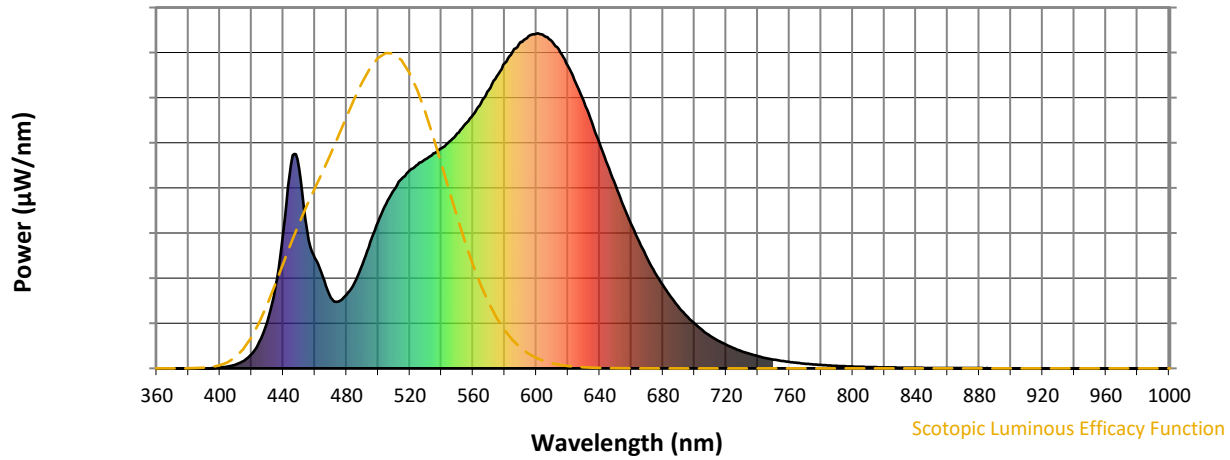


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



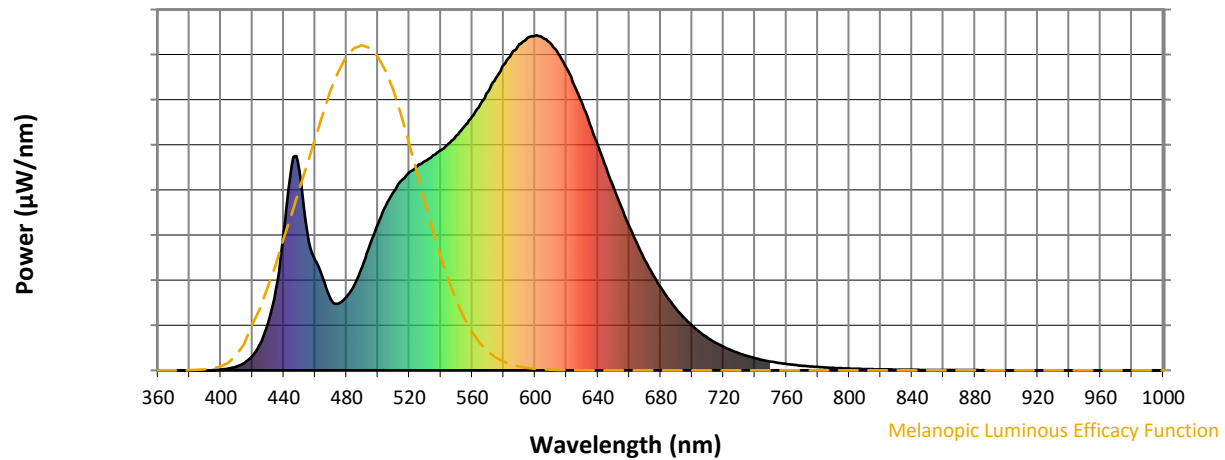
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

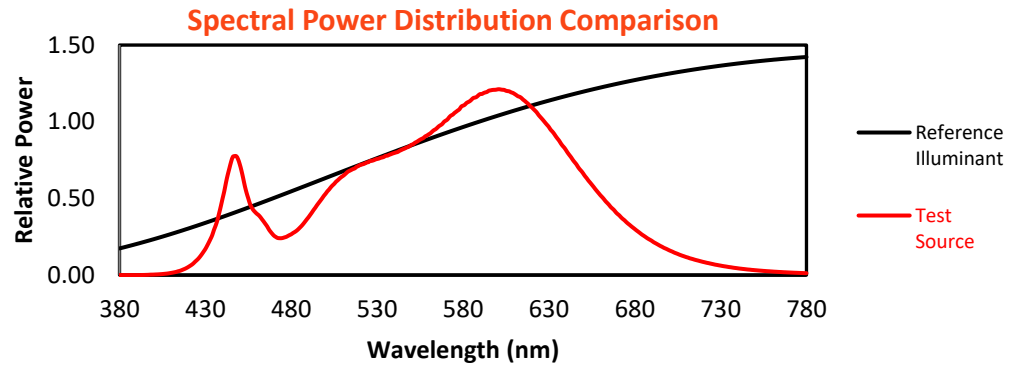
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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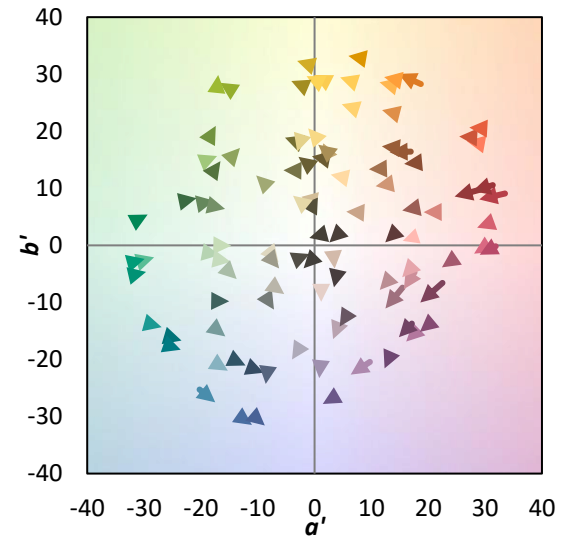
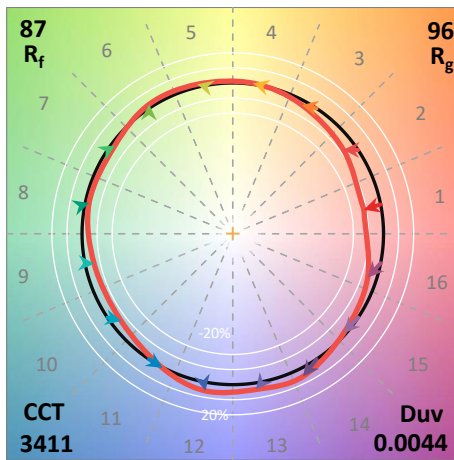
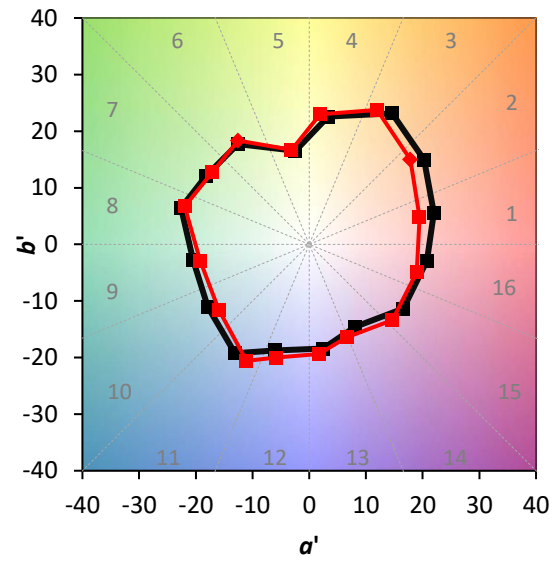
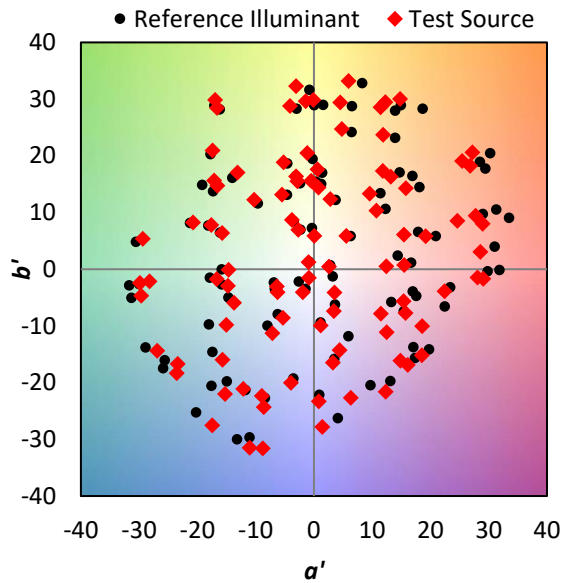
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

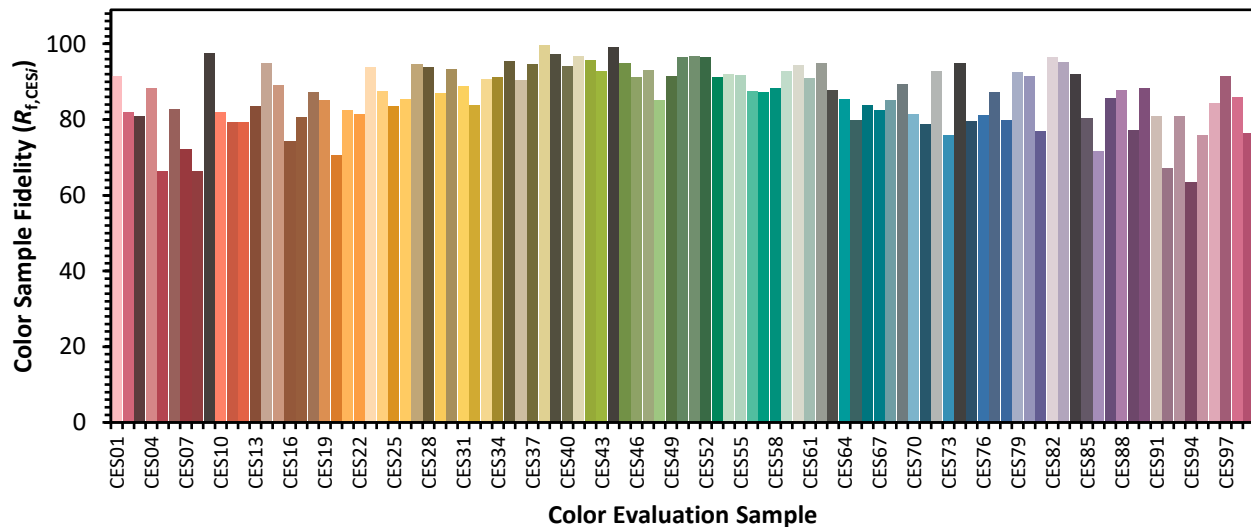


Color Vector Graphics

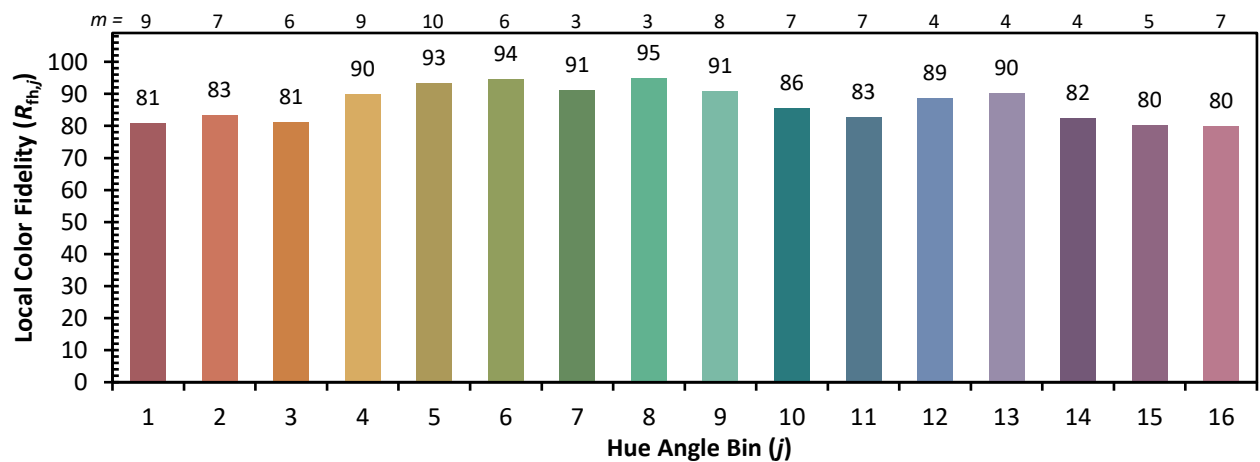
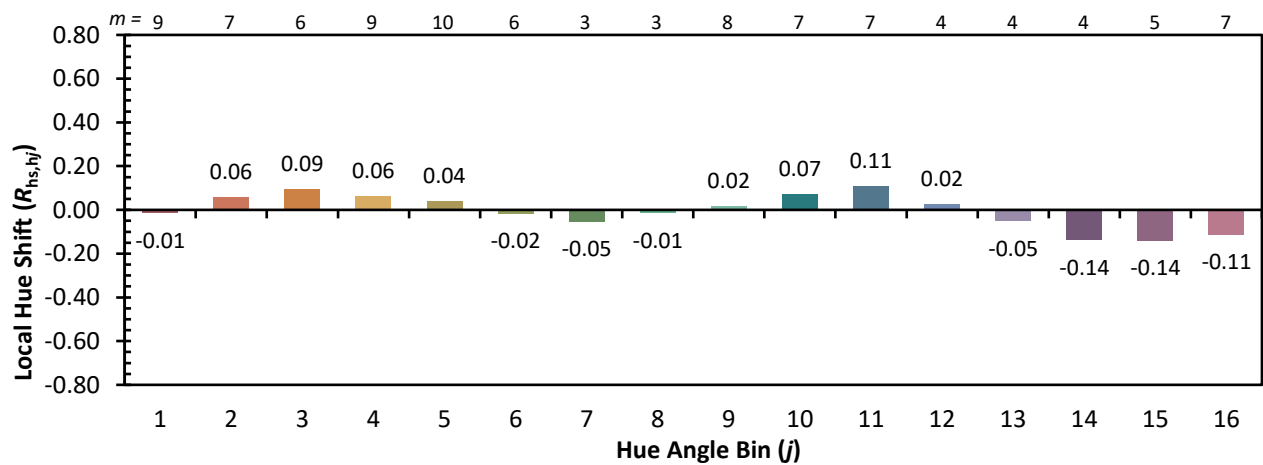
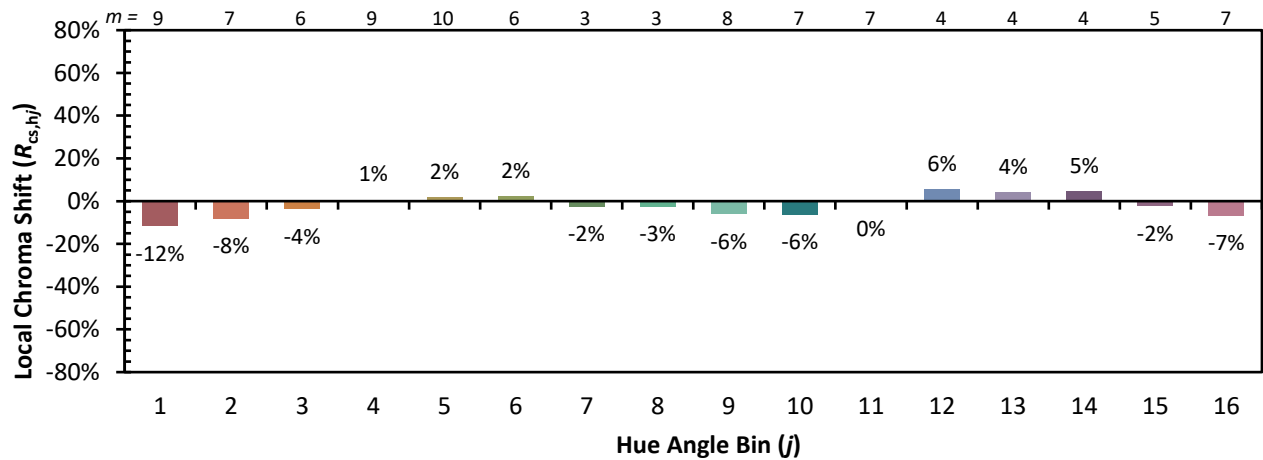


Individual Sample Fidelity Index ($R_{f,i}$)

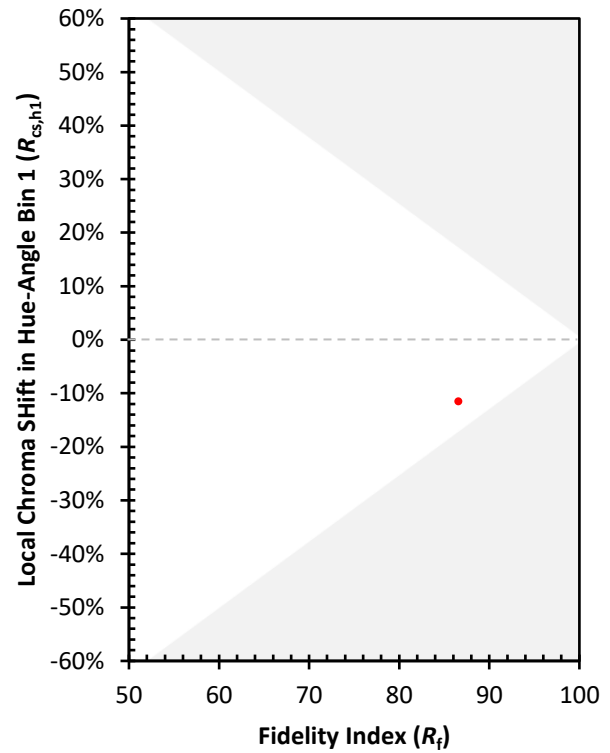
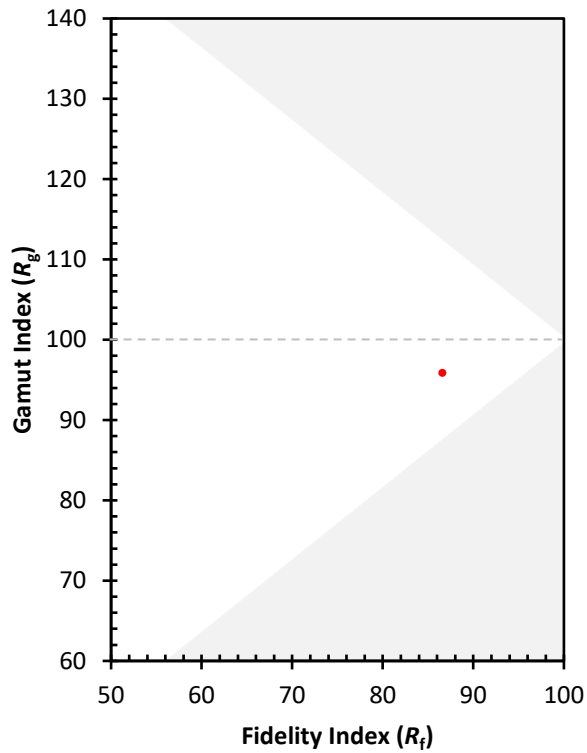
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)