

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: P1062941

Luminaire Tested: **GLAN-SA2A-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1062941
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA2A-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6893.8 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 55.8
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

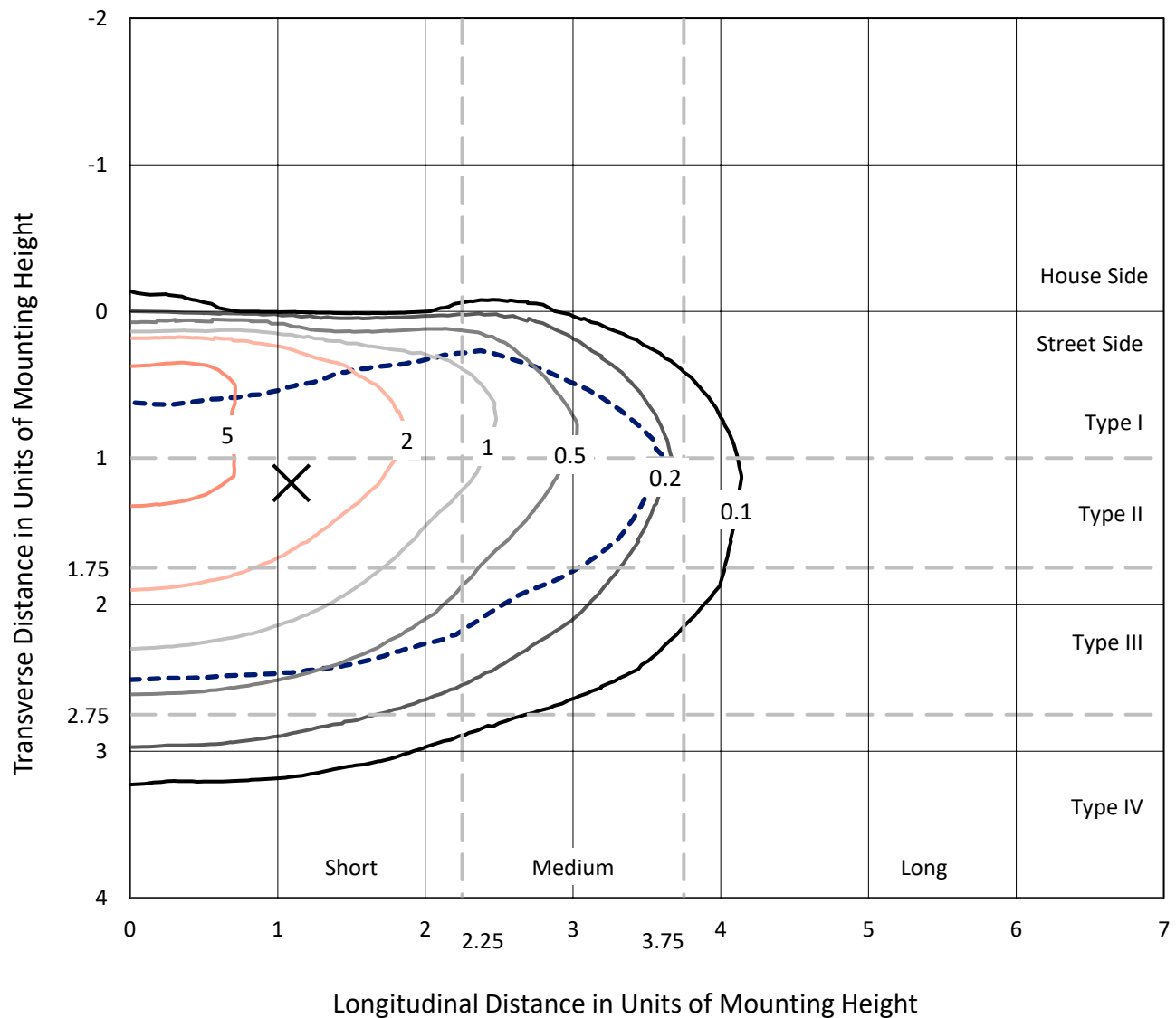


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

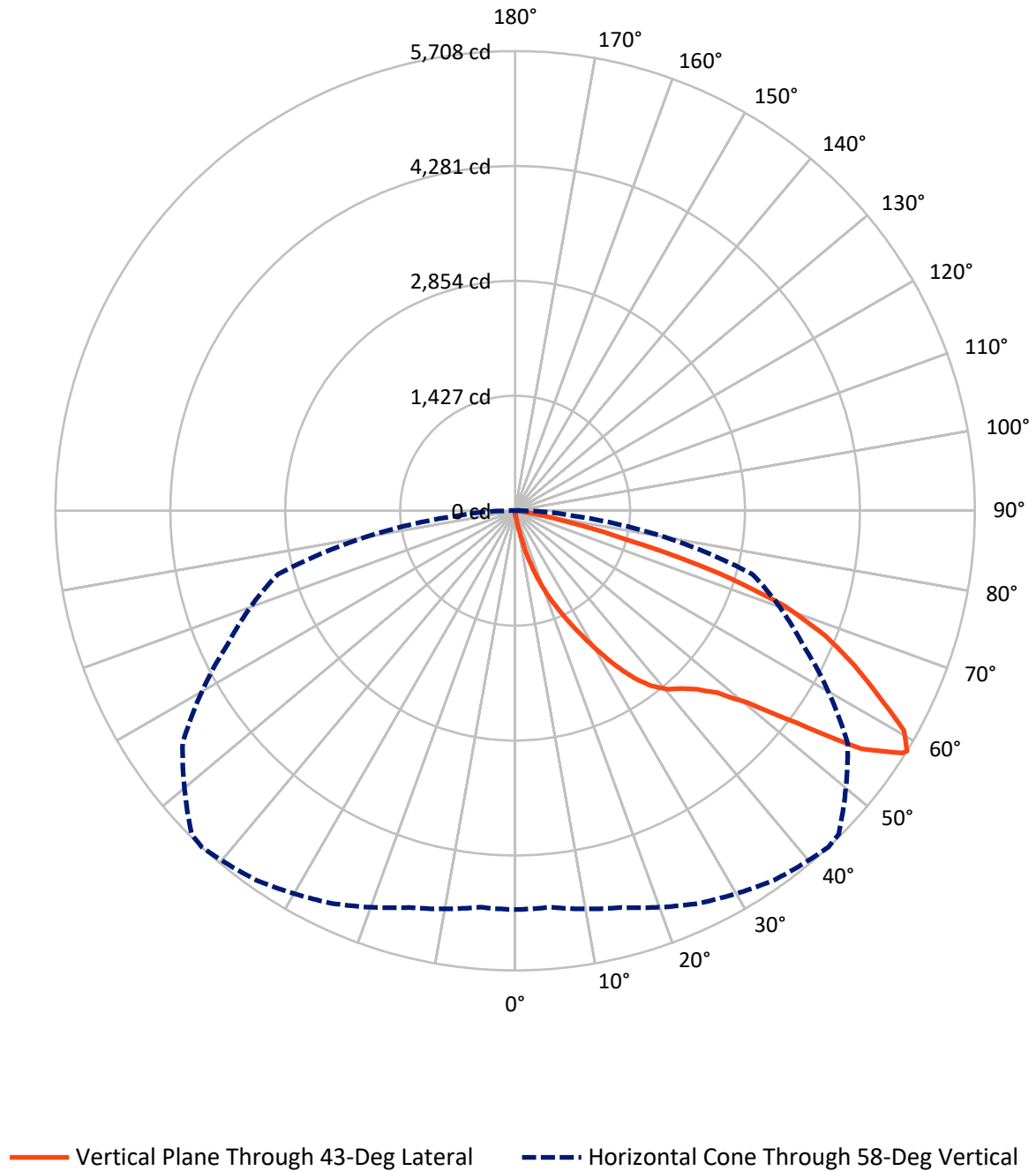


Based on 15 foot mounting height. Maximum calculated value = 7.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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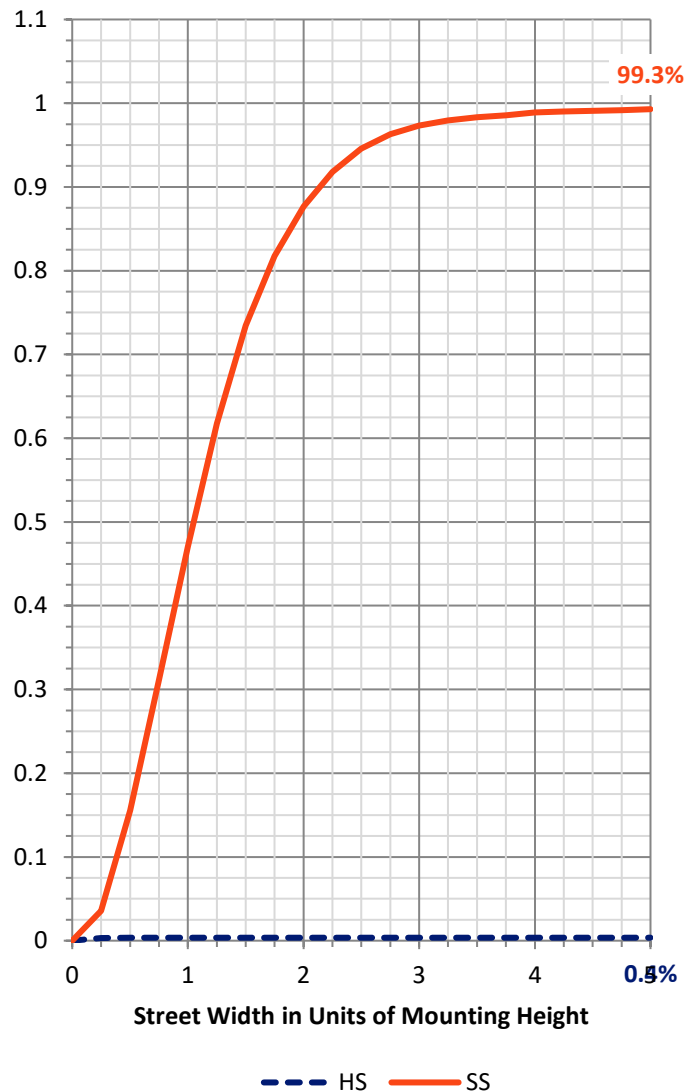
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	25.2	0.0	25.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6868.6	0.0	6868.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	6893.8	0.0	6893.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.6	0.1
10°-20°	79.2	1.1
20°-30°	285.6	4.1
30°-40°	653.5	9.5
40°-50°	1102.2	16.0
50°-60°	1818.8	26.4
60°-70°	2032.8	29.5
70°-80°	839.3	12.2
80°-90°	75.7	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°	6893.8	100.0
0°-180°	6893.8	100.0



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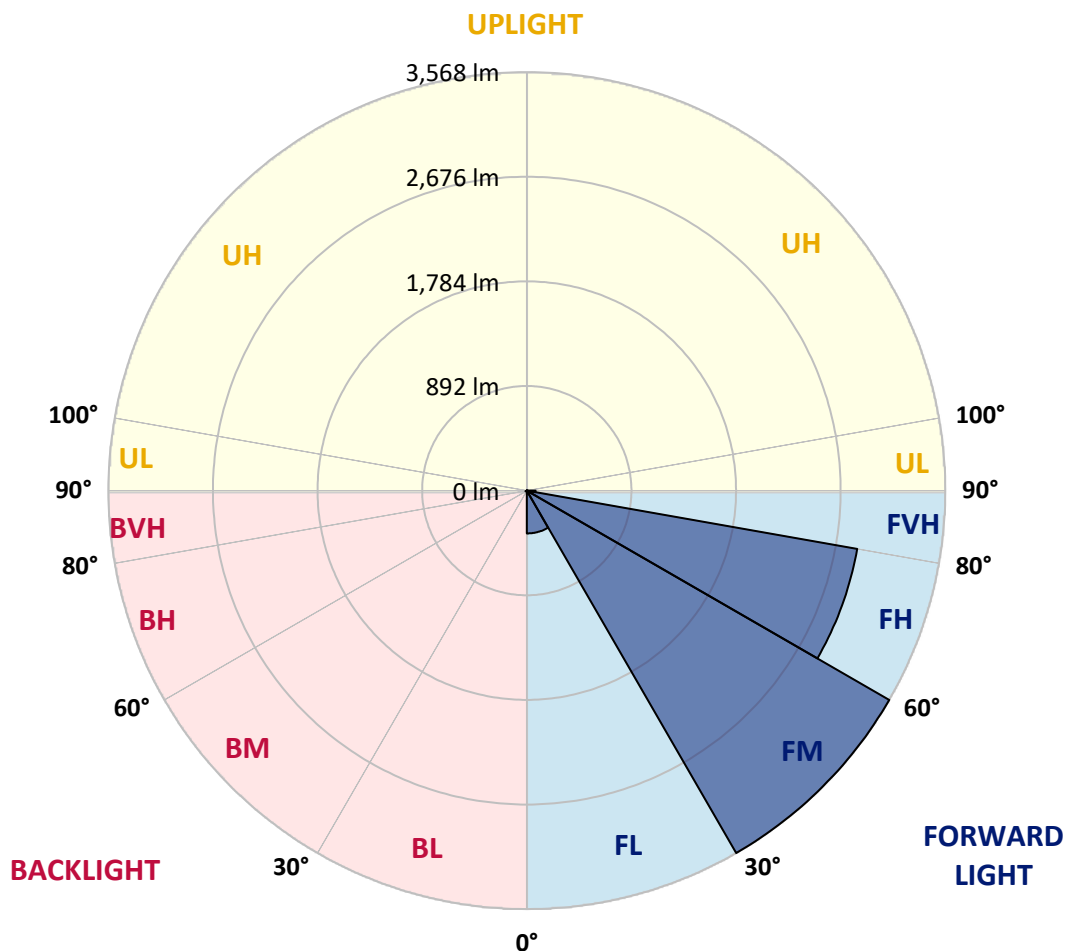
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	364.9	5.3			
FM	(30°-60°)	3568.5	51.8			
FH	(60°-80°)	2860.6	41.5			G2/5000
FVH	(80°-90°)	74.6	1.1			G1/100
BL	(0°-30°)	6.6	0.1	B0/110		
BM	(30°-60°)	6.0	0.1	B0/220		
BH	(60°-80°)	11.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
2.5°	54.1	55.9	54.1	54.1	54.1	52.3	52.3	50.5	50.5	48.7	46.9
5°	79.3	79.3	73.9	70.3	66.7	64.9	63.1	59.5	55.9	52.3	48.7
7.5°	176.7	176.7	160.5	138.8	110.0	93.8	90.2	73.9	63.1	55.9	48.7
10°	421.9	421.9	385.8	326.3	252.4	187.5	167.7	106.4	75.7	59.5	50.5
12.5°	701.4	710.4	665.3	589.6	479.6	366.0	326.3	194.7	101.0	64.9	50.5
15°	952.0	930.4	917.7	845.6	741.0	605.8	555.3	328.1	146.0	73.9	50.5
17.5°	1121.5	1121.5	1103.4	1054.8	959.2	840.2	798.7	530.1	236.2	84.7	52.3
20°	1319.8	1319.8	1287.3	1253.1	1168.3	1067.4	1027.7	753.7	366.0	108.2	52.3
22.5°	1559.6	1563.2	1527.1	1465.8	1384.7	1272.9	1238.7	961.0	530.1	144.2	54.1
25°	1851.7	1855.3	1803.0	1745.3	1620.9	1500.1	1447.8	1199.0	730.2	201.9	54.1
27.5°	2174.4	2199.7	2122.1	2023.0	1891.4	1739.9	1700.2	1413.6	928.5	284.9	57.7
30°	2576.5	2576.5	2473.7	2334.9	2192.5	2004.9	1954.5	1638.9	1139.5	394.9	61.3
32.5°	2922.7	2895.6	2764.0	2618.0	2466.5	2291.6	2237.5	1875.1	1355.9	531.9	68.5
35°	3187.7	3164.3	3002.0	2845.1	2713.5	2553.1	2488.1	2131.2	1584.8	686.9	79.3
37.5°	3414.9	3405.9	3185.9	2989.4	2902.8	2762.2	2704.5	2372.8	1810.2	854.6	92.0
40°	3663.7	3634.9	3400.5	3157.1	3027.2	2913.7	2861.4	2567.5	2026.6	1051.2	110.0
42.5°	3876.5	3842.2	3631.3	3393.3	3171.5	3018.2	2967.7	2731.6	2237.5	1247.7	133.4
45°	4112.7	4094.6	3881.9	3701.6	3405.9	3160.7	3094.0	2863.2	2430.5	1482.1	164.1
47.5°	4467.9	4435.4	4237.1	4089.2	3746.6	3377.0	3281.5	2998.4	2616.2	1712.9	211.0
50°	4880.7	4859.1	4741.9	4624.7	4283.9	3746.6	3633.1	3193.1	2823.5	1986.9	272.3
52.5°	5217.9	5214.3	5228.7	5230.5	4972.7	4368.7	4199.2	3506.8	3061.5	2257.4	358.8
55°	5210.7	5226.9	5385.6	5567.7	5587.5	5217.9	5053.8	4035.1	3371.6	2590.9	479.6
57.5°	5016.0	5003.3	5171.0	5445.1	5638.0	5677.7	5650.6	4855.5	3838.6	2993.0	665.3
58°	4952.9	4942.0	5100.7	5380.2	5601.9	5708.3	5681.3	5041.2	3943.2	3050.7	715.8
60°	4723.9	4725.7	4819.4	5073.7	5295.4	5547.9	5573.1	5571.3	4464.2	3436.5	970.0
62.5°	4421.0	4406.5	4493.1	4700.4	4895.2	5064.6	5107.9	5607.4	5226.9	3926.9	1455.0
65°	4002.7	3981.0	4073.0	4307.4	4516.5	4626.5	4628.3	5124.1	5585.7	4453.4	2147.4
67.5°	3225.6	3207.5	3391.5	3692.6	4015.3	4159.5	4224.4	4446.2	5282.8	4810.4	2544.0
70°	1976.1	2014.0	2270.0	2742.4	3294.1	3559.1	3656.5	3725.0	4498.5	4756.3	2127.5
72.5°	912.3	867.2	1085.4	1415.4	2044.6	2634.2	2735.2	3003.8	3566.3	4128.9	1586.6
75°	425.5	409.3	459.8	618.4	926.7	1422.6	1606.5	2398.0	2735.2	2872.2	1144.9
77.5°	218.2	220.0	261.4	281.3	382.2	658.1	755.5	1577.6	2004.9	1602.9	768.1
80°	95.6	99.2	101.0	110.0	155.1	254.2	286.7	732.0	1370.3	816.8	420.1
82.5°	61.3	63.1	63.1	63.1	73.9	101.0	115.4	293.9	683.3	405.7	129.8
85°	32.5	32.5	36.1	45.1	52.3	61.3	64.9	93.8	225.4	120.8	30.7
87.5°	18.0	19.8	21.6	27.0	34.3	41.5	45.1	64.9	86.5	82.9	7.2
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-SA2A-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
2.5°	46.9	45.1	43.3	41.5	39.7	37.9	37.9	37.9	37.9	37.9	37.9
5°	45.1	43.3	41.5	37.9	34.3	32.5	30.7	28.8	28.8	28.8	28.8
7.5°	45.1	43.3	37.9	34.3	30.7	27.0	23.4	23.4	23.4	23.4	23.4
10°	45.1	41.5	36.1	30.7	25.2	21.6	19.8	18.0	18.0	18.0	18.0
12.5°	45.1	39.7	34.3	27.0	21.6	18.0	16.2	14.4	14.4	14.4	14.4
15°	45.1	39.7	32.5	25.2	19.8	14.4	12.6	10.8	10.8	10.8	10.8
17.5°	43.3	37.9	30.7	21.6	16.2	10.8	9.0	7.2	7.2	9.0	9.0
20°	41.5	36.1	27.0	18.0	12.6	9.0	5.4	5.4	5.4	5.4	5.4
22.5°	41.5	36.1	25.2	16.2	10.8	5.4	3.6	3.6	3.6	3.6	5.4
25°	41.5	34.3	21.6	12.6	7.2	3.6	1.8	1.8	1.8	1.8	1.8
27.5°	41.5	34.3	19.8	10.8	5.4	3.6	1.8	0.0	0.0	0.0	0.0
30°	39.7	32.5	18.0	9.0	3.6	1.8	0.0	0.0	0.0	0.0	0.0
32.5°	39.7	30.7	14.4	7.2	3.6	1.8	0.0	0.0	0.0	0.0	0.0
35°	41.5	28.8	12.6	5.4	1.8	0.0	0.0	0.0	0.0	0.0	1.8
37.5°	43.3	27.0	10.8	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	45.1	25.2	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	48.7	25.2	9.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	52.3	25.2	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	59.5	27.0	7.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	64.9	28.8	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	72.1	27.0	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	81.1	27.0	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	88.3	25.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	92.0	23.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	110.0	21.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	171.3	18.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	348.0	16.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	649.1	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	726.6	16.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	458.0	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	241.6	12.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	120.8	12.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	55.9	9.0	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	23.4	5.4	3.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.8	5.4	3.6	3.6	1.8	1.8	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	5.4	5.4	3.6	3.6	1.8	1.8	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

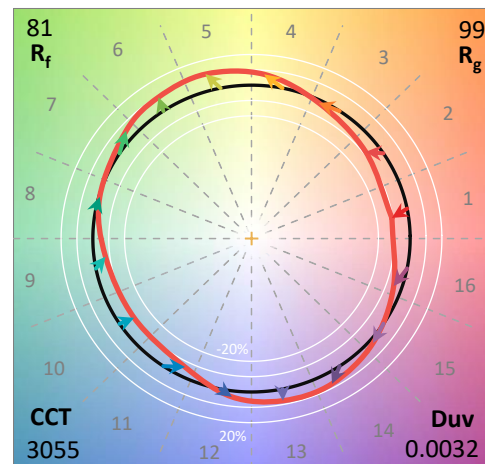
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

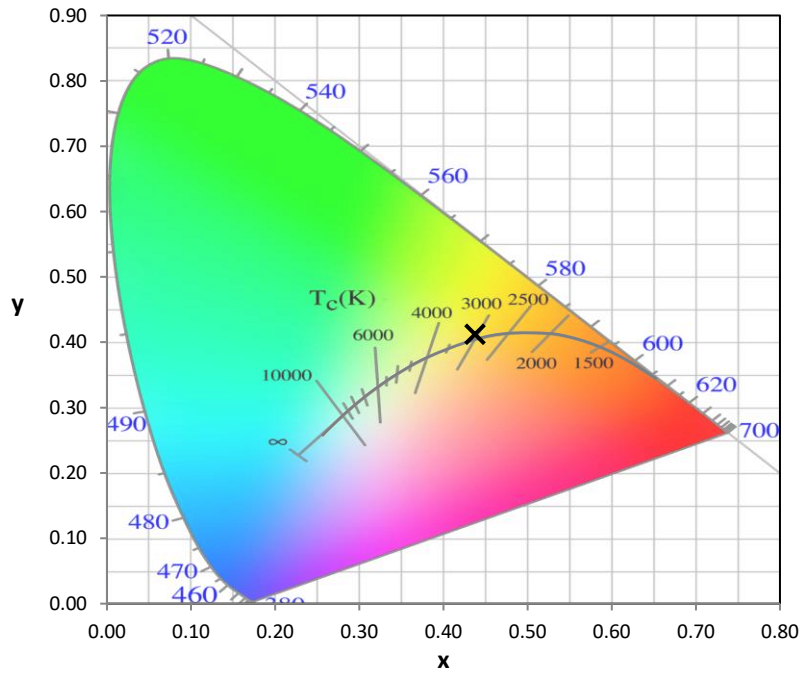
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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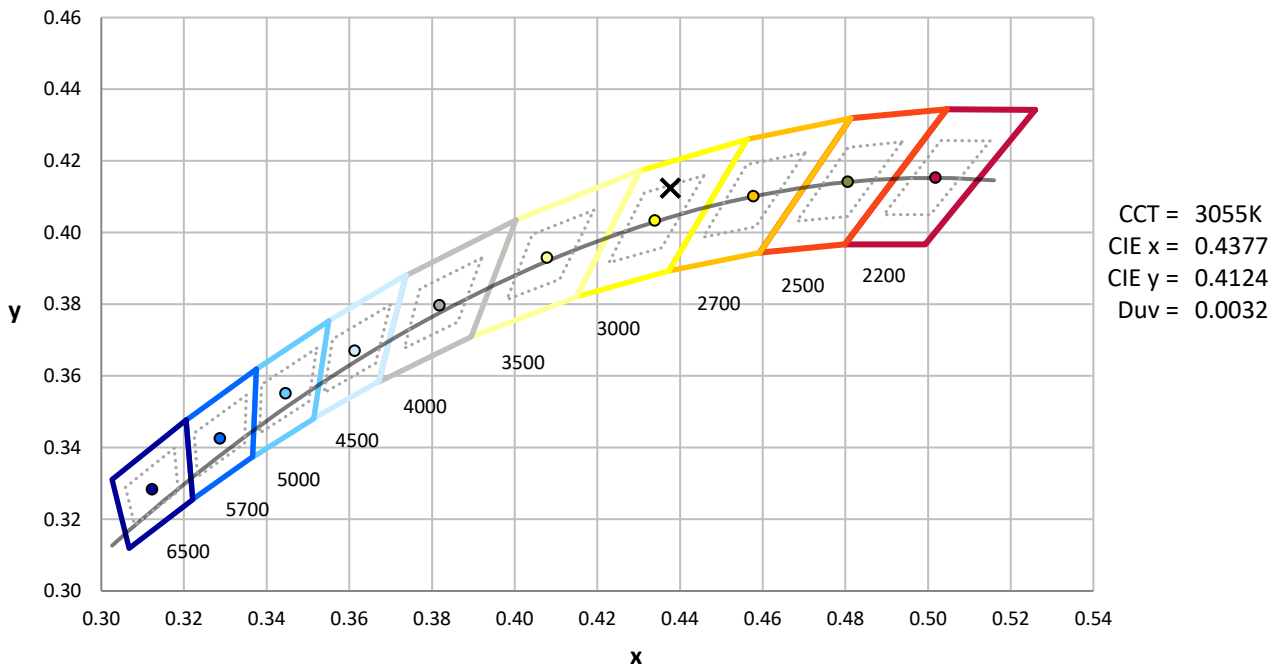
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



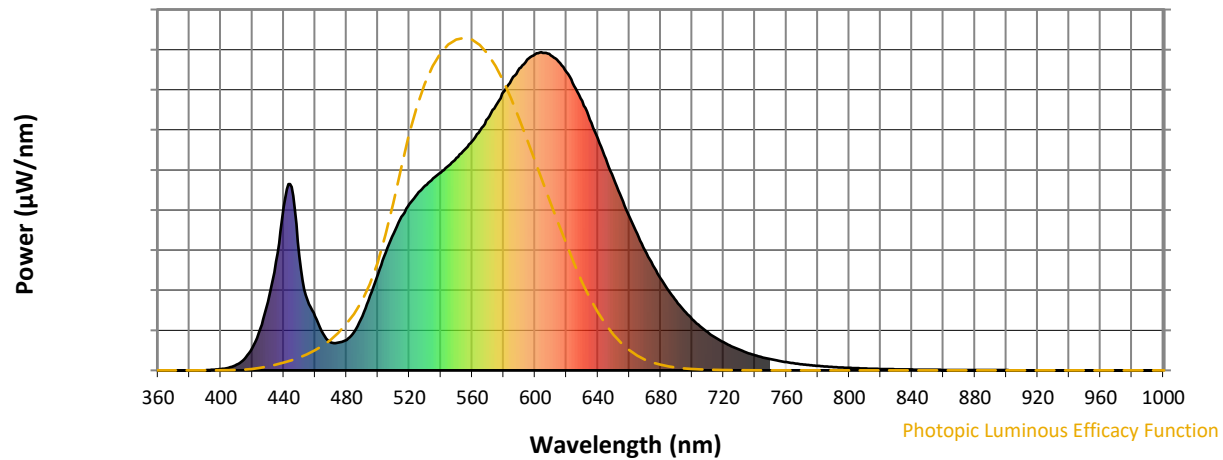
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

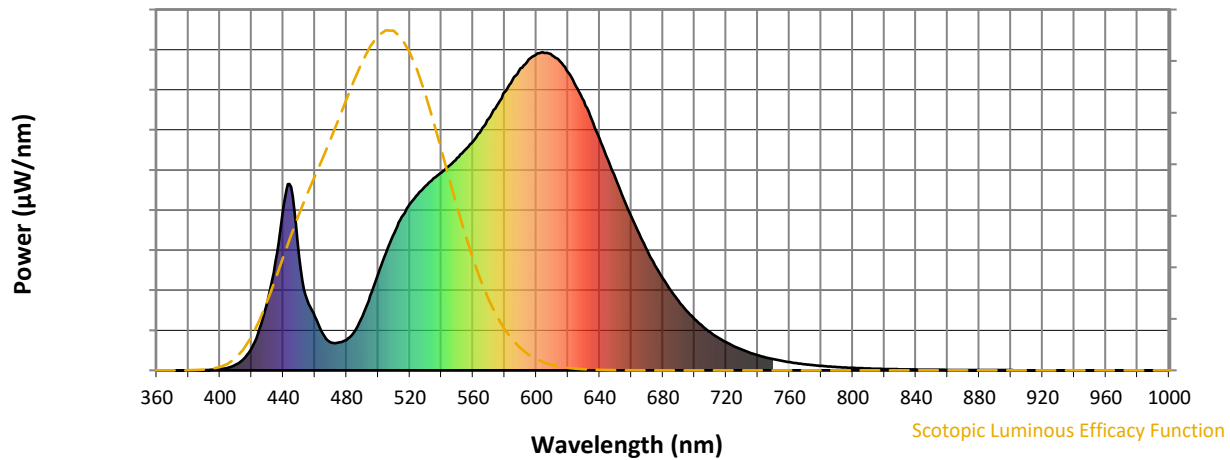


Photopic Lumens: NR

λ (nm)	Power W ^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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



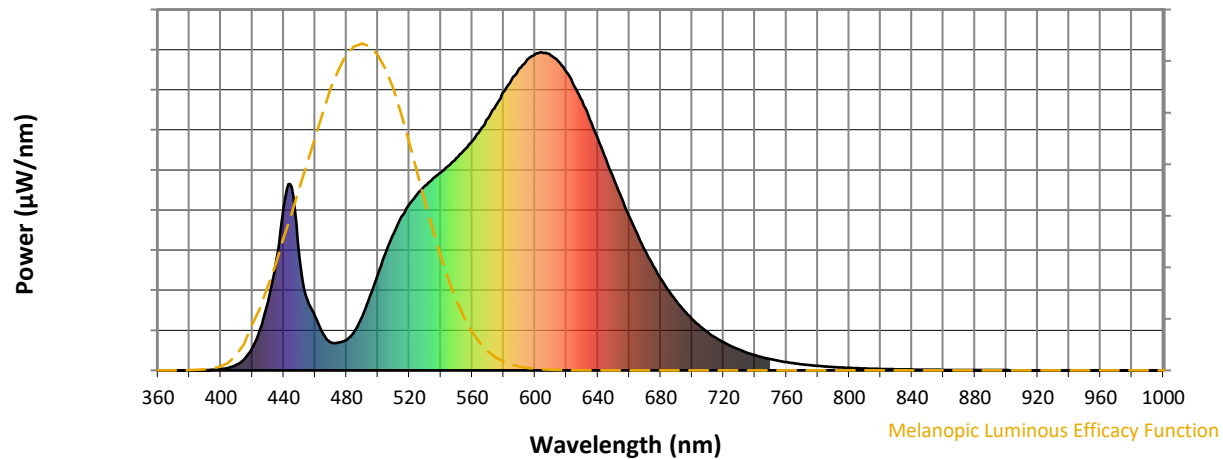
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

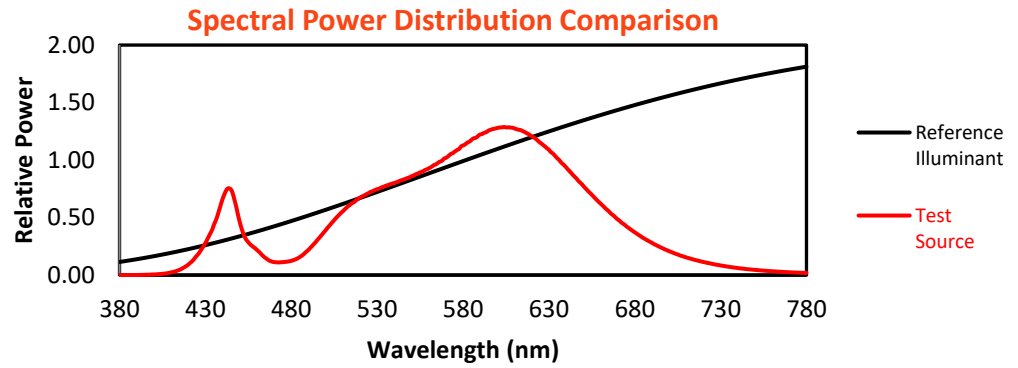
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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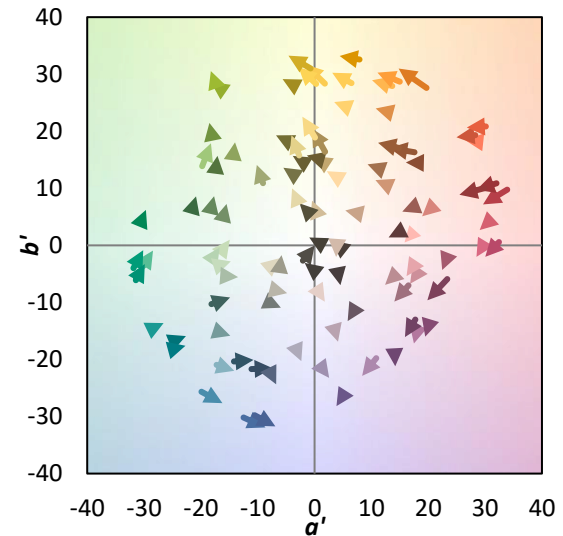
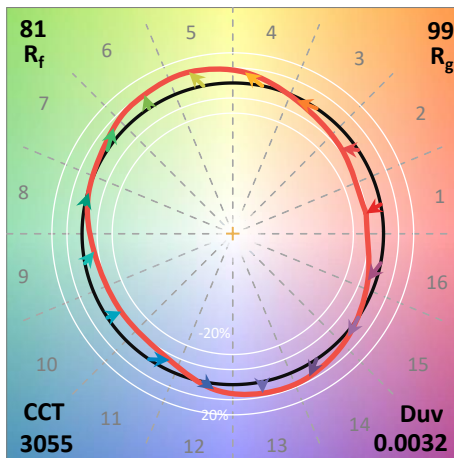
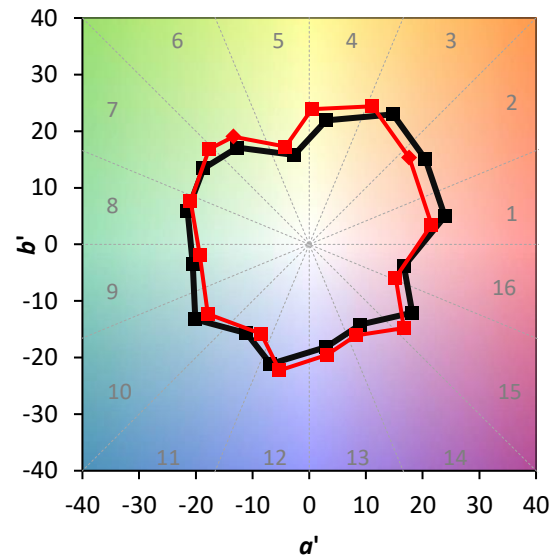
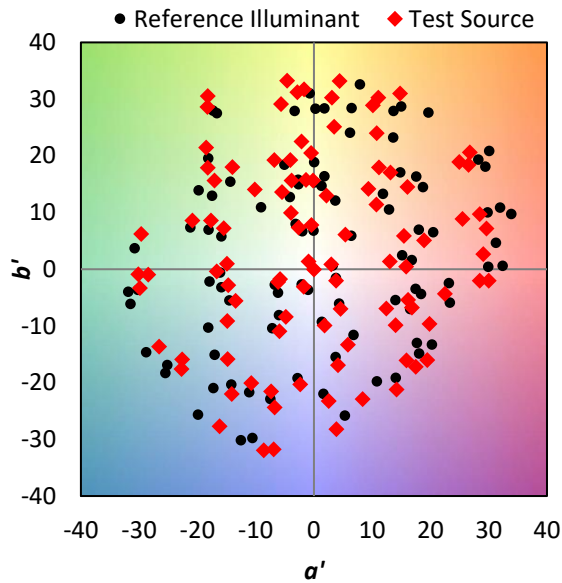
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

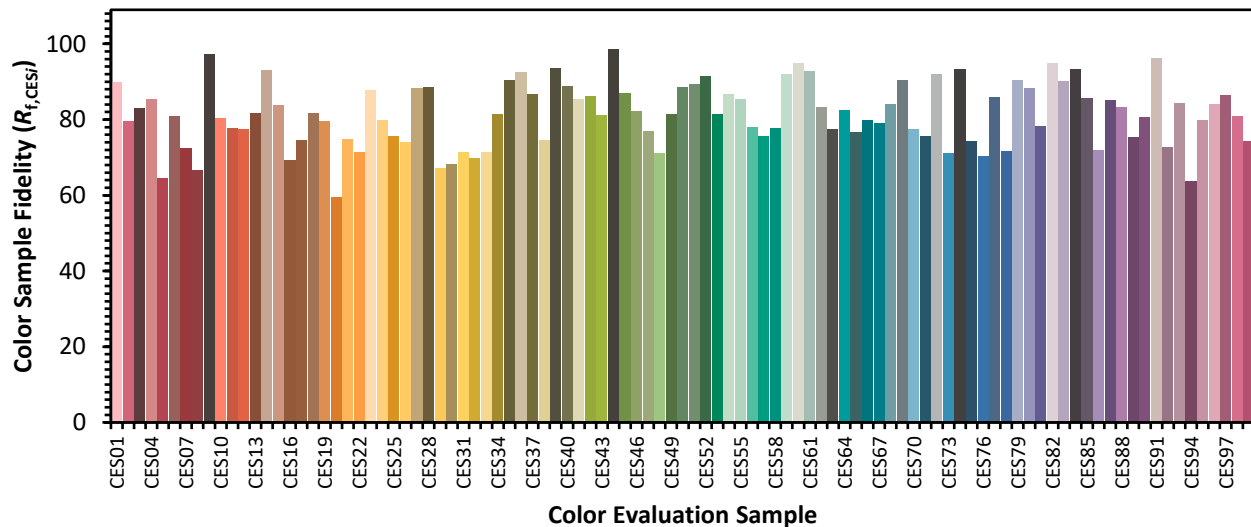


Color Vector Graphics

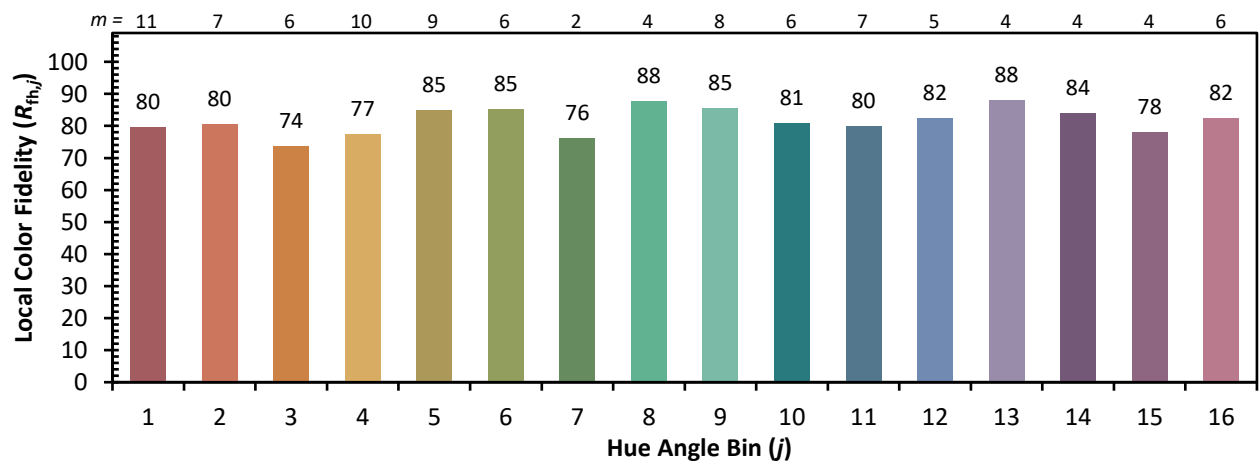
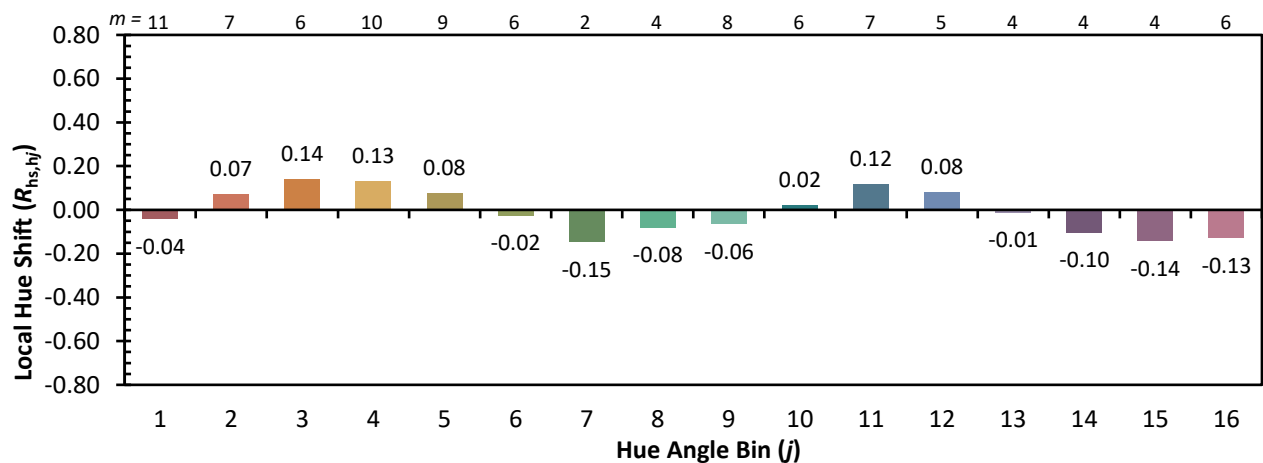
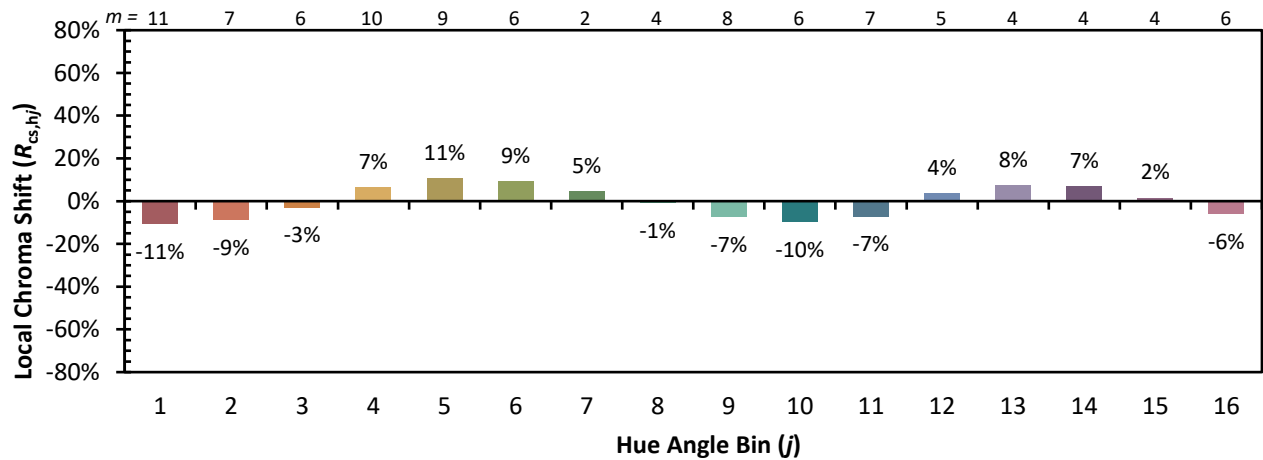


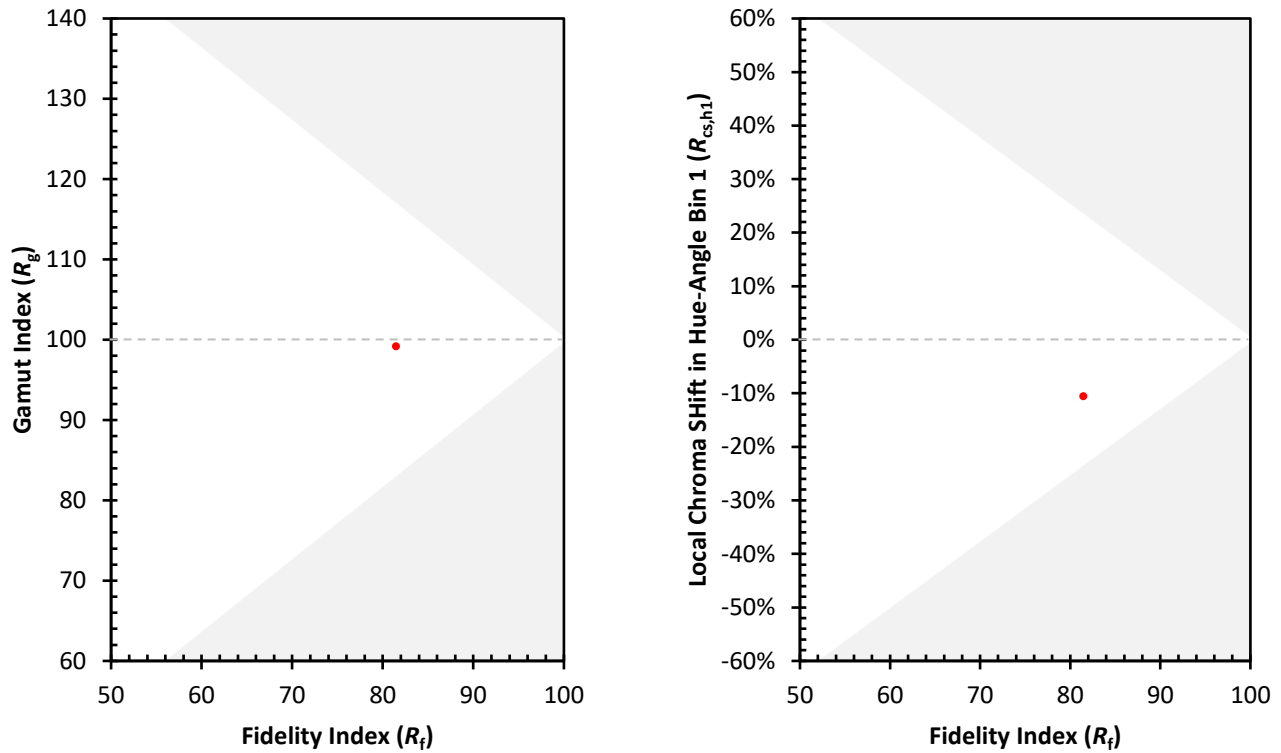
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)