

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: McGRAW-EDISON

Report Number: P1047918

Luminaire Tested: **GALN-SA2B-830-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047918
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-830-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8210.1 lumens
Efficiency: N/A
Efficacy: 112.8 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): 72.8
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

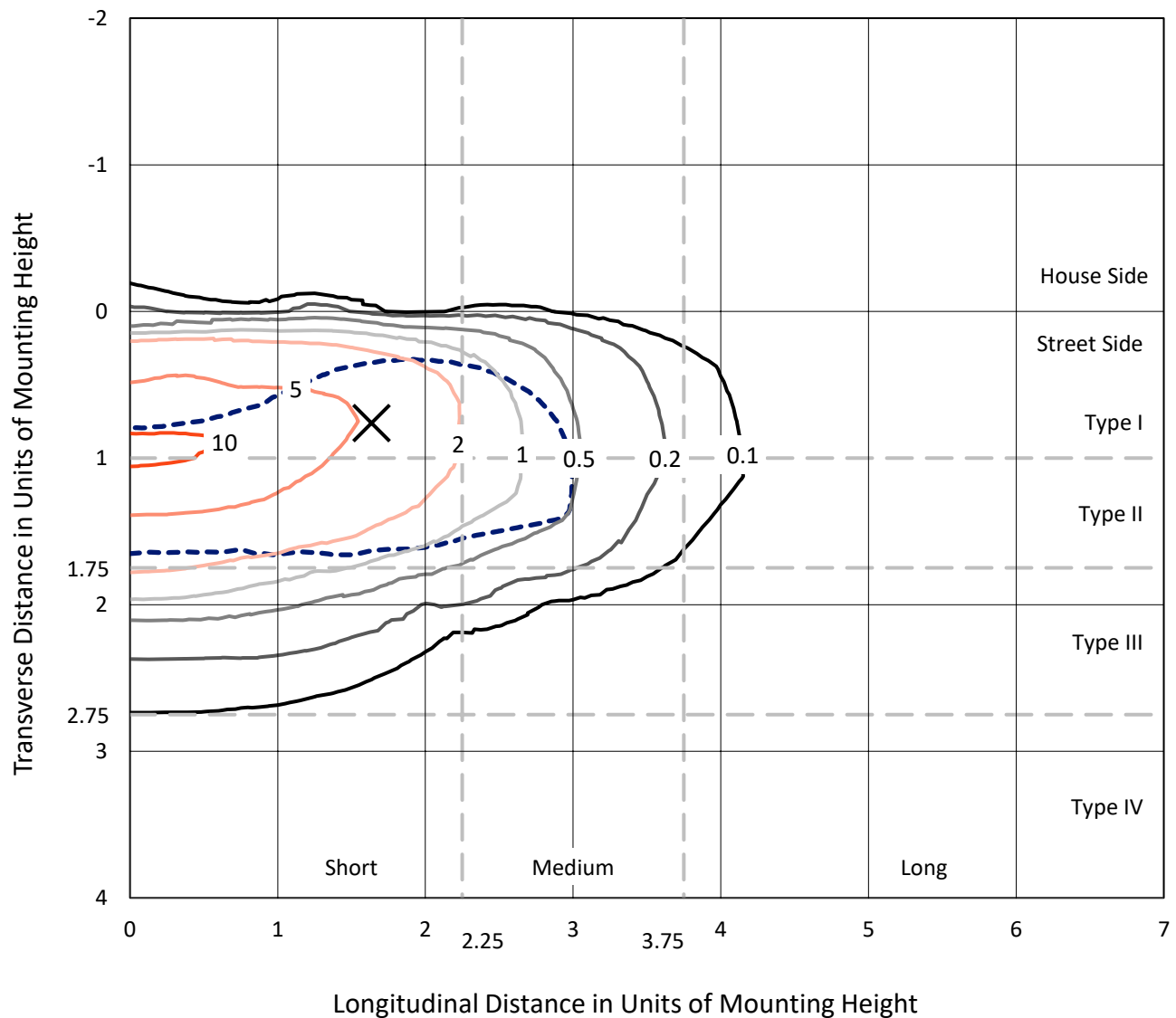


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

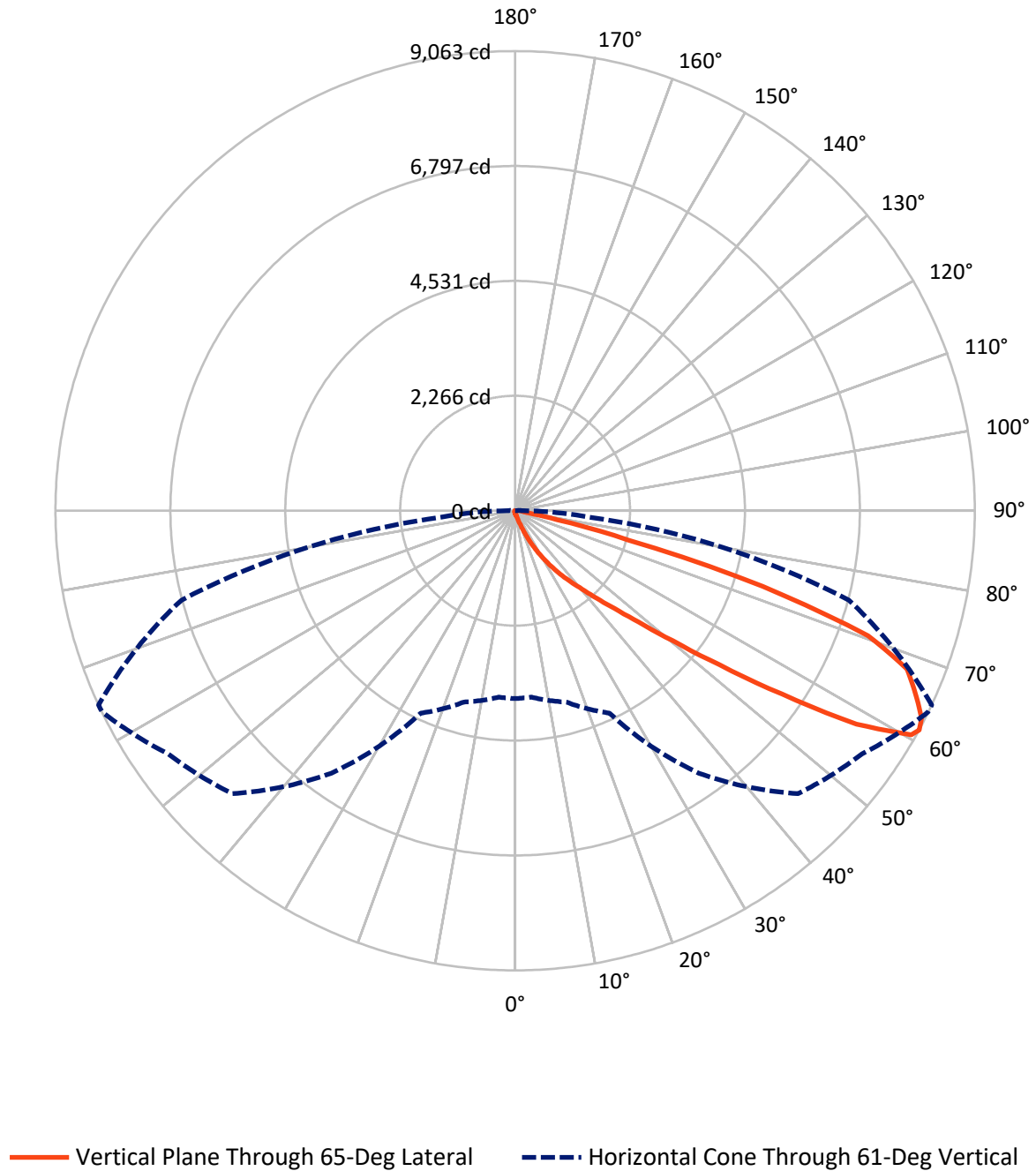


Based on 15 foot mounting height. Maximum calculated value = 10.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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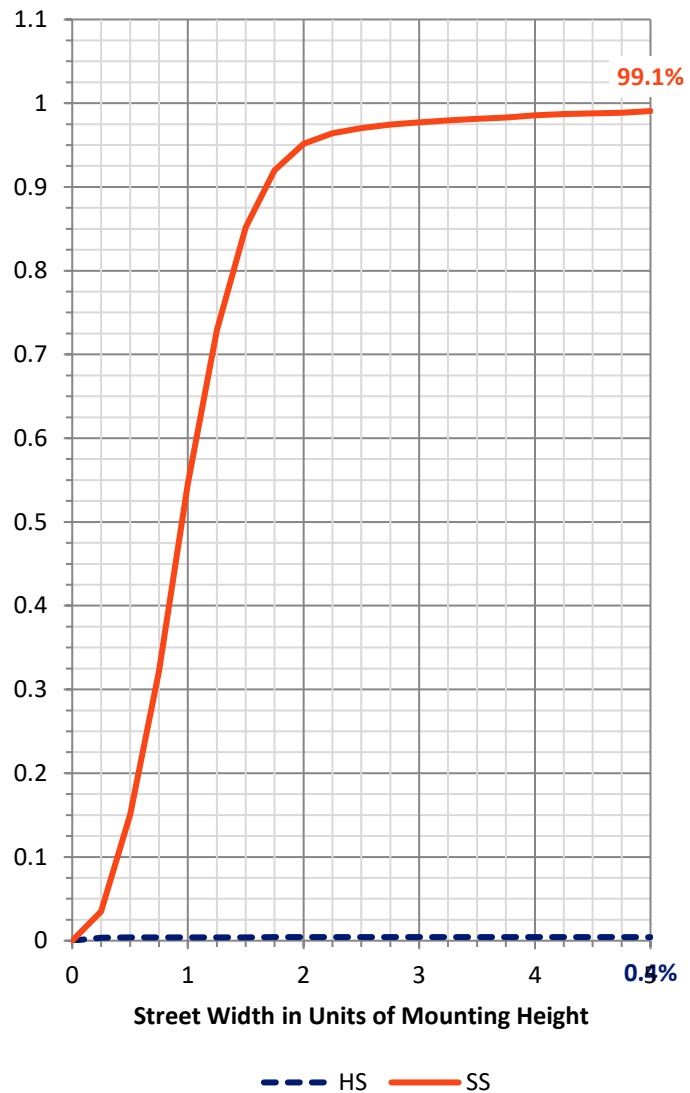
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.1	0.0	35.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8175.0	0.0	8175.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	8210.1	0.0	8210.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	0.1
10°-20°	67.5	0.8
20°-30°	242.3	3.0
30°-40°	645.1	7.9
40°-50°	1694.6	20.6
50°-60°	2625.3	32.0
60°-70°	2201.3	26.8
70°-80°	647.8	7.9
80°-90°	79.9	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°	8210.1	100.0
0°-180°	8210.1	100.0



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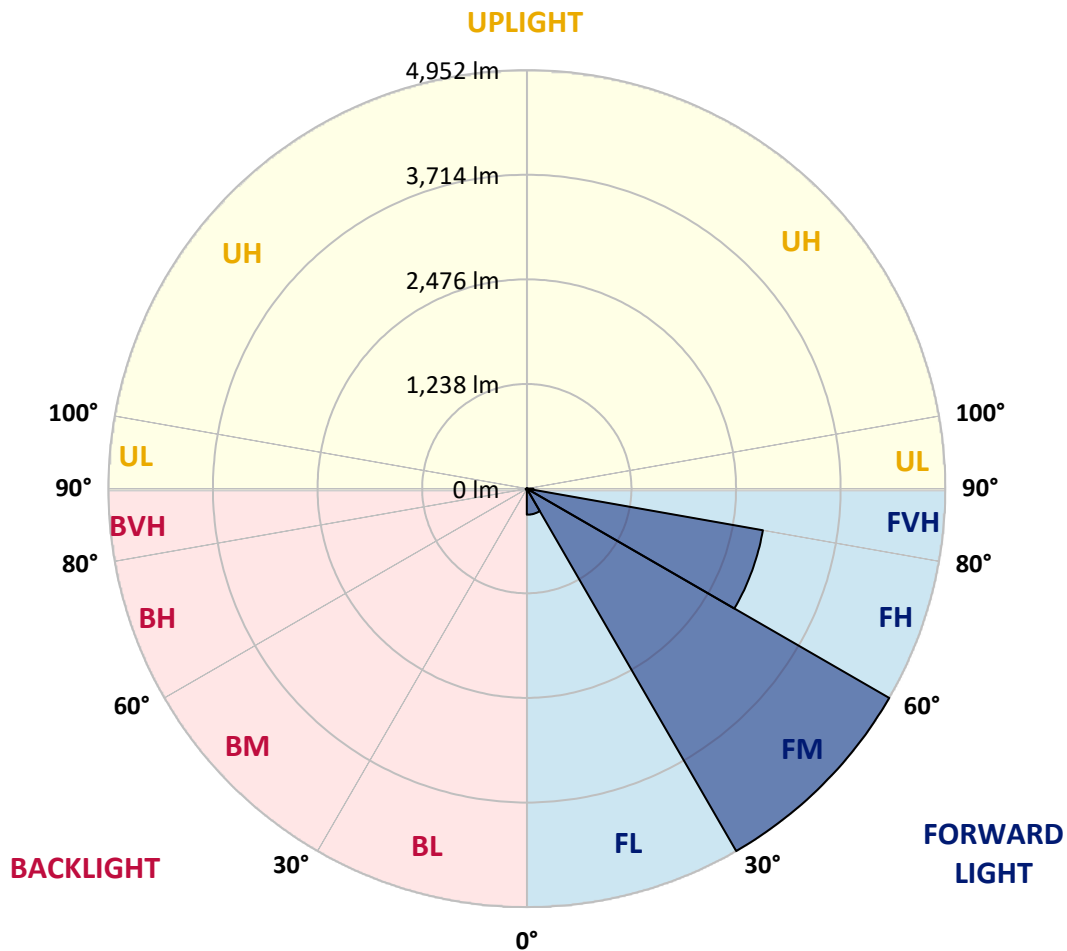
CATALOG NUMBER: GALN-SA2B-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	308.3	3.8			
FM	(30°-60°)	4951.6	60.3			
FH	(60°-80°)	2836.7	34.6			G2/5000
FVH	(80°-90°)	78.4	1.0			G1/100
BL	(0°-30°)	7.9	0.1	B0/110		
BM	(30°-60°)	13.3	0.2	B0/220		
BH	(60°-80°)	12.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
2.5°	61.0	61.6	60.4	58.2	56.5	56.5	55.9	54.2	54.2	52.5	51.4
5°	85.3	84.2	81.9	77.4	73.4	69.5	65.5	61.6	61.0	55.9	52.5
7.5°	139.5	140.6	133.3	119.2	107.3	92.1	77.9	69.5	68.3	59.9	53.1
10°	306.1	297.6	280.7	225.9	185.8	140.1	103.9	80.8	79.6	64.4	54.2
12.5°	558.0	551.2	520.1	463.7	360.3	250.8	151.9	100.0	96.6	68.3	54.8
15°	804.2	793.5	776.6	719.5	598.7	449.6	248.5	136.7	127.6	74.0	54.2
17.5°	961.2	962.9	947.7	923.4	845.5	665.3	429.2	203.9	186.4	84.2	53.1
20°	1098.5	1094.5	1103.0	1090.0	1035.2	904.2	624.6	323.0	293.1	100.5	53.7
22.5°	1256.6	1266.2	1272.4	1269.6	1209.2	1097.3	846.6	483.4	445.6	130.5	55.3
25°	1468.4	1467.3	1467.8	1460.5	1401.7	1277.5	1069.1	682.8	644.4	179.0	59.3
27.5°	1690.3	1697.1	1699.9	1673.4	1596.6	1474.6	1275.2	900.8	855.6	257.0	64.4
30°	1993.6	1988.0	1975.0	1920.8	1827.6	1676.2	1478.6	1129.5	1082.1	366.0	72.3
32.5°	2402.5	2396.3	2330.8	2211.1	2071.6	1886.3	1683.0	1358.8	1301.2	502.1	83.0
35°	3076.3	3085.9	2924.9	2614.9	2364.7	2138.8	1909.5	1587.0	1536.2	669.8	97.7
37.5°	4108.1	4055.6	3837.0	3289.2	2750.4	2453.9	2125.8	1817.4	1773.4	876.5	116.9
40°	5110.6	5058.6	4995.4	4476.3	3420.8	2801.2	2428.5	2087.9	2030.9	1109.8	145.1
42.5°	6164.4	6135.6	6132.8	5741.4	4644.1	3347.4	2792.8	2404.8	2356.2	1365.6	191.5
45°	6911.0	6882.2	6942.7	7011.0	6310.1	4517.6	3427.0	2816.5	2745.9	1676.2	265.4
47.5°	7011.6	7012.7	7174.2	7388.3	7548.1	6327.6	4271.9	3362.1	3276.2	2120.7	389.7
50°	6677.2	6690.2	6947.2	7330.1	7760.5	7846.3	5761.7	4153.9	4026.8	2647.6	565.9
52.5°	6040.7	6055.4	6413.5	7043.2	7565.0	8211.1	7515.9	5189.6	5043.4	3305.0	814.4
55°	5467.5	5476.5	5887.1	6682.9	7329.5	8012.9	8557.3	6572.7	6380.7	4113.8	1059.5
57.5°	4899.9	4879.0	5146.1	6057.1	7289.4	7769.5	8711.0	8149.0	7937.2	4997.6	1250.4
60°	4140.9	4105.9	4320.5	4899.9	6761.9	7929.3	8423.5	9021.0	8973.0	6228.2	1397.8
61°	3704.3	3689.6	3905.4	4402.4	6318.0	7888.7	8354.6	9057.7	9062.8	6810.5	1463.9
62.5°	2645.4	2687.2	3017.0	3663.1	5291.9	7624.9	8363.6	8944.2	8994.5	7584.2	1635.0
65°	1175.8	1243.1	1499.5	2025.3	3077.4	6342.9	8283.4	8695.1	8670.3	7796.6	2224.6
67.5°	697.5	707.7	835.3	1147.6	1629.9	3411.8	7309.8	8365.9	8332.6	6787.4	2767.9
70°	549.5	554.6	595.3	720.1	946.0	1306.9	4171.9	7238.0	7383.2	5503.6	2709.7
72.5°	521.3	520.1	525.8	547.8	595.8	648.4	1615.2	4811.2	5106.6	3963.5	2272.1
75°	514.5	512.2	506.6	498.1	431.5	381.8	500.4	2128.0	2299.2	2708.1	1710.7
77.5°	499.3	499.8	500.9	477.8	369.9	270.0	242.3	682.8	839.8	1718.6	1215.9
80°	337.7	342.8	351.3	342.2	332.6	195.4	171.1	242.8	246.2	964.6	803.1
82.5°	171.1	171.1	167.2	149.1	128.8	127.1	136.1	176.2	178.5	488.0	377.8
85°	103.4	109.0	111.3	101.1	92.6	85.3	103.9	140.1	145.1	189.2	88.1
87.5°	23.2	23.7	26.0	34.5	50.3	68.3	96.6	128.2	130.5	121.4	10.7
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: GALN-SA2B-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
2.5°	50.8	49.7	49.1	47.4	45.7	44.1	42.9	42.4	42.9	43.5	43.5
5°	50.3	48.6	45.7	42.9	40.7	38.4	36.1	35.6	35.6	36.1	36.1
7.5°	50.3	47.4	43.5	40.1	36.7	33.3	31.6	30.5	31.1	31.1	31.1
10°	50.3	46.9	41.8	36.7	32.8	28.8	26.0	24.8	24.8	24.8	24.8
12.5°	49.7	46.3	40.1	33.9	28.2	23.7	20.3	18.6	19.2	19.2	19.2
15°	48.6	44.6	37.8	28.8	22.6	18.1	14.7	13.0	13.6	14.7	15.2
17.5°	46.9	42.9	33.9	24.3	18.1	13.6	10.2	9.0	9.6	11.3	11.3
20°	46.3	41.2	29.9	19.8	13.6	9.6	6.8	5.6	6.2	8.5	9.0
22.5°	46.3	40.1	27.1	16.4	10.2	6.2	4.0	2.3	2.3	4.0	4.0
25°	46.9	39.5	24.8	13.6	7.3	4.5	2.3	1.1	2.3	6.2	7.3
27.5°	48.0	39.0	23.7	11.3	5.6	4.0	1.7	4.0	6.8	6.8	6.8
30°	49.1	37.8	22.0	9.6	5.1	2.8	2.8	5.6	5.6	6.8	7.3
32.5°	50.8	37.3	20.9	8.5	4.0	2.3	4.0	3.4	3.4	4.0	4.5
35°	54.2	37.8	19.8	8.5	4.0	2.8	3.4	1.7	1.1	1.1	1.1
37.5°	58.7	38.4	18.1	7.3	3.4	3.4	1.7	0.0	0.0	0.0	0.0
40°	66.1	40.1	16.9	6.8	2.8	2.8	0.6	0.0	0.0	0.0	0.0
42.5°	78.5	43.5	16.4	6.2	2.8	2.3	0.0	0.0	0.0	0.0	0.0
45°	103.4	51.4	15.2	5.6	2.8	1.1	0.0	0.0	0.0	0.0	0.0
47.5°	148.5	70.0	14.7	4.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	216.9	94.9	14.1	4.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	276.7	100.0	9.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	283.5	68.9	7.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	225.9	44.6	6.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	171.1	33.9	5.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	164.3	30.5	5.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	181.3	26.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	294.8	22.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	512.2	19.2	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	647.2	18.1	3.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	564.2	16.4	3.4	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	339.4	14.1	3.4	2.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	177.9	10.7	3.4	2.8	1.7	0.6	0.0	0.0	0.0	0.0	0.0
80°	86.4	9.6	4.0	2.8	2.3	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	33.9	7.9	4.5	4.0	2.8	1.7	0.6	0.0	0.0	0.0	0.0
85°	15.2	6.8	5.1	4.5	4.0	2.3	0.6	0.0	0.0	0.0	0.0
87.5°	7.9	6.2	5.6	5.1	4.0	2.8	1.1	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

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

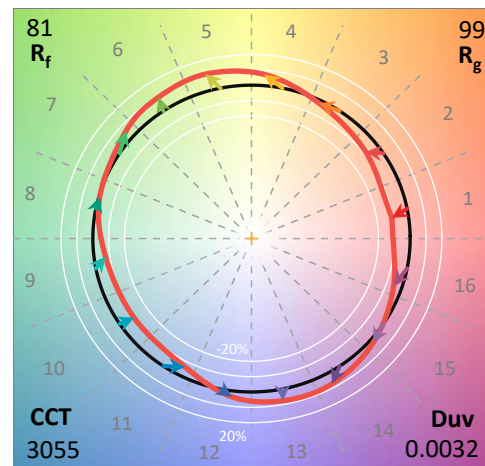
Test Information

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

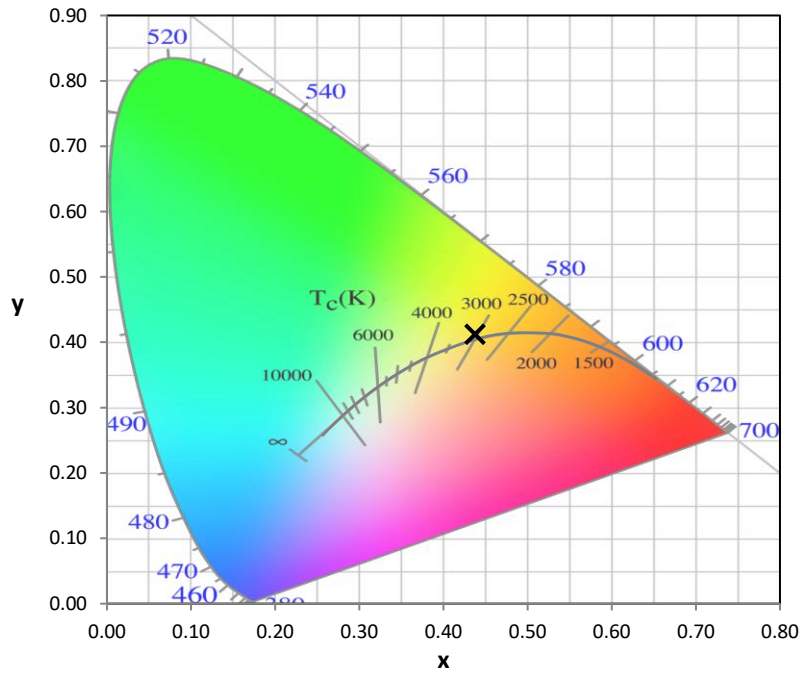
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

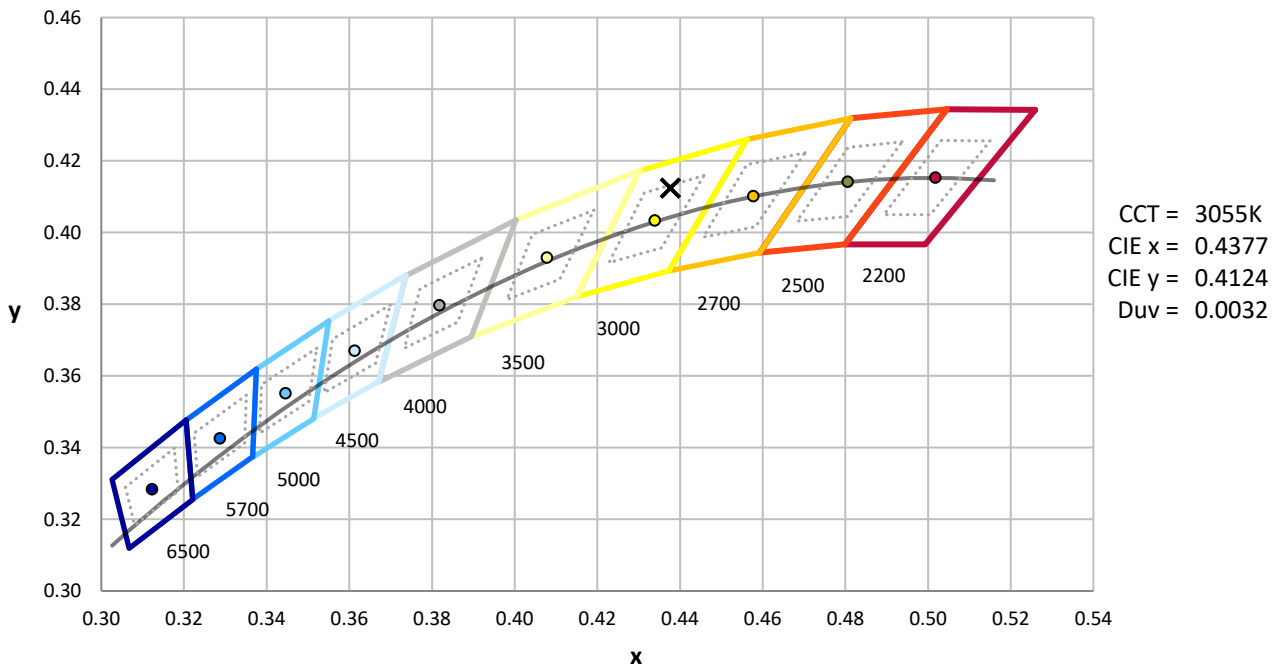
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



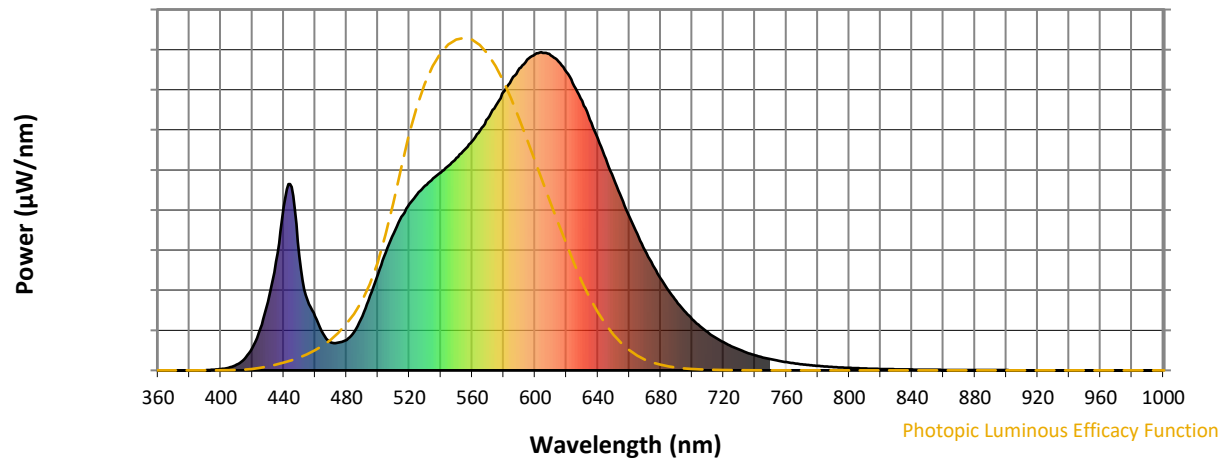
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

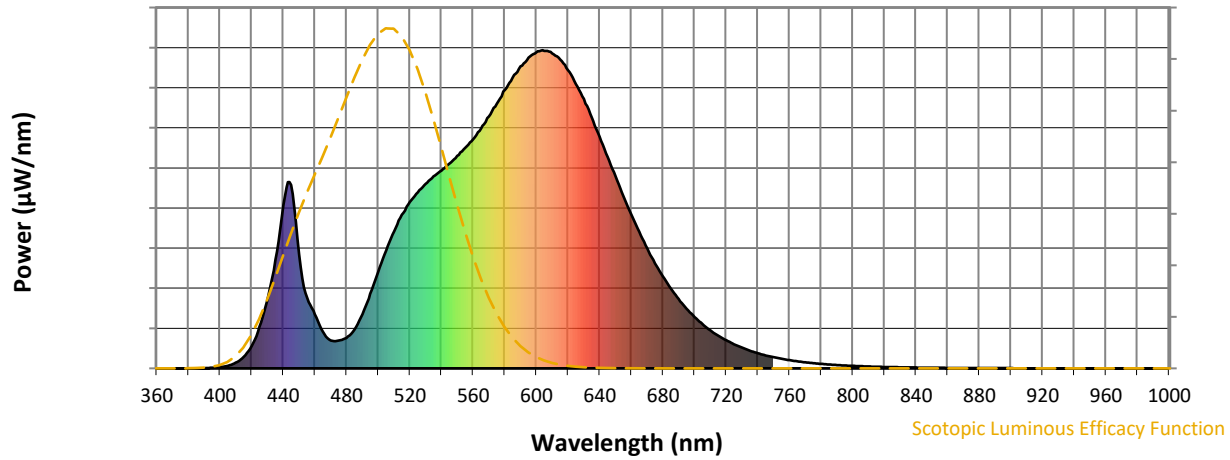


Photopic Lumens: NR

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



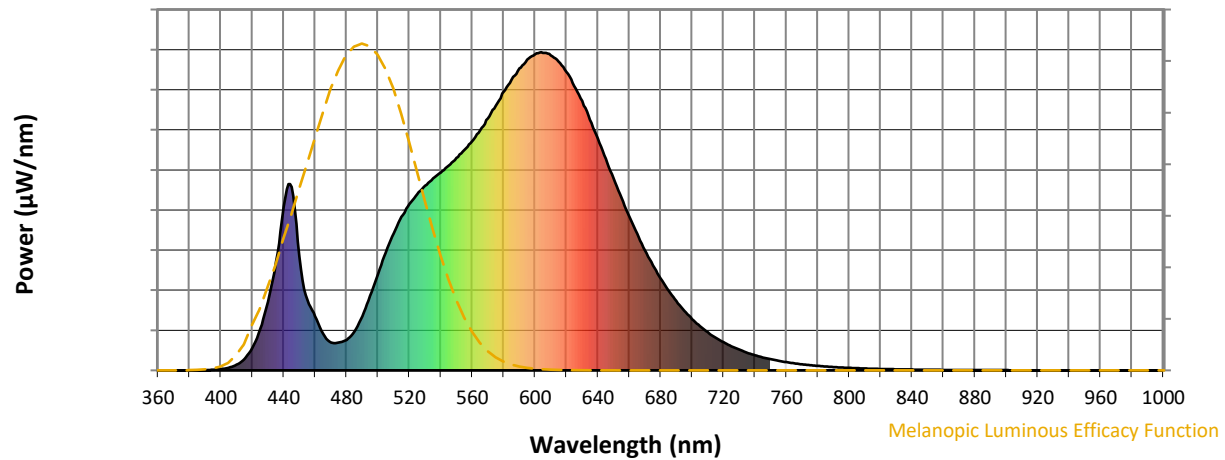
Scotopic Lumens: NR

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

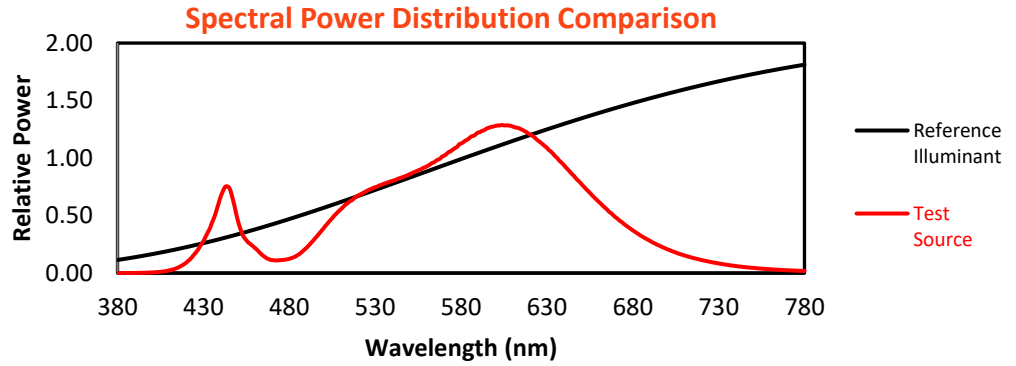
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	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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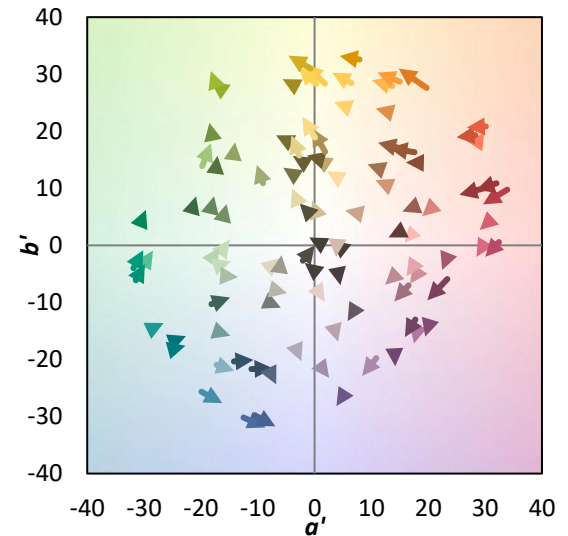
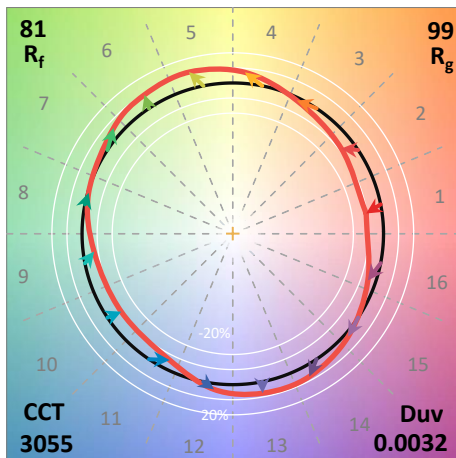
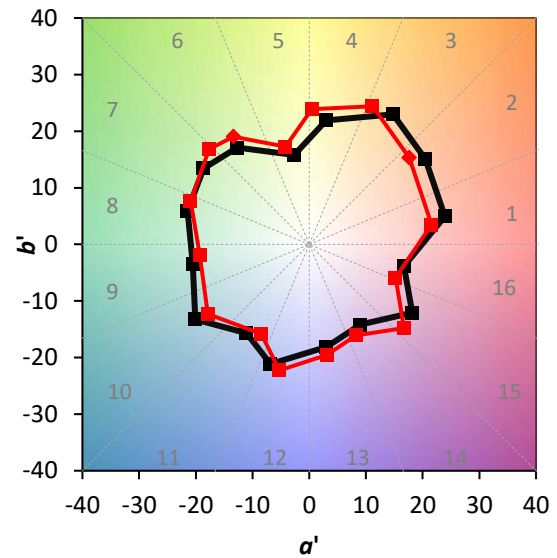
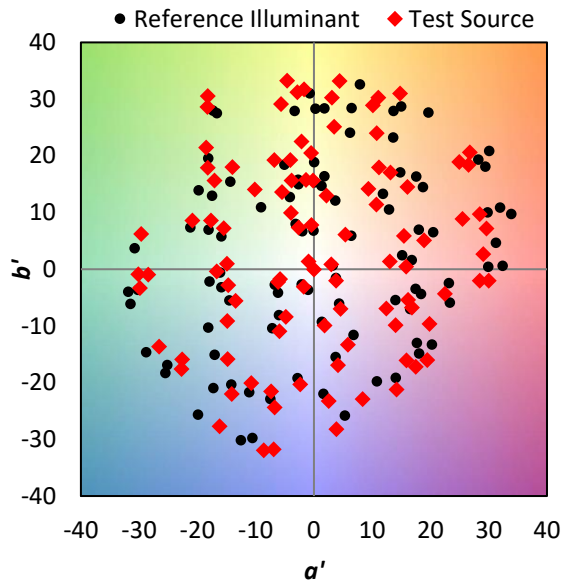
TM-30-18

Summary

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

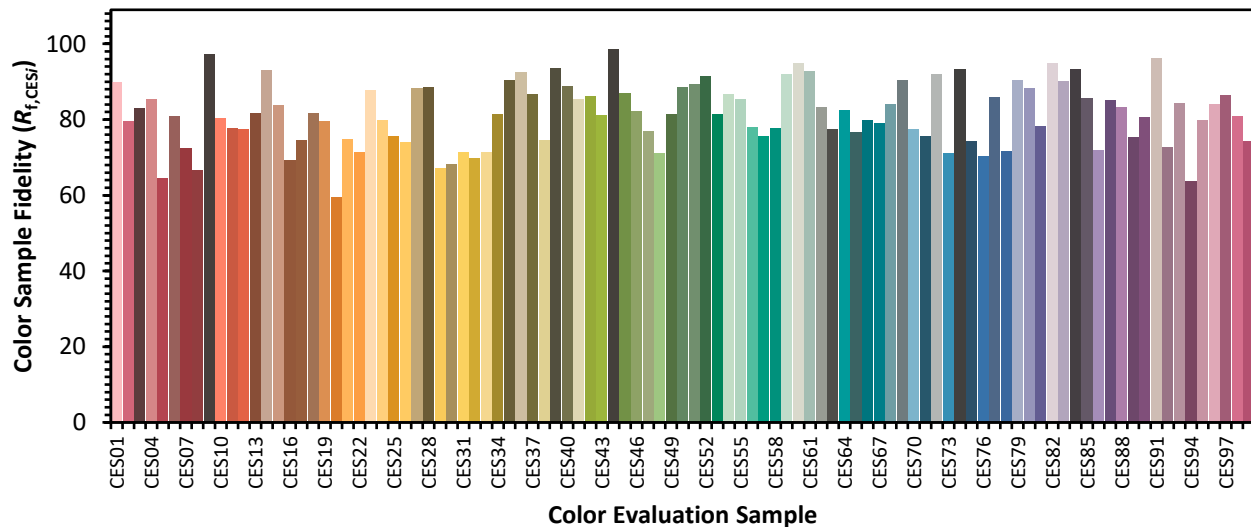


Color Vector Graphics

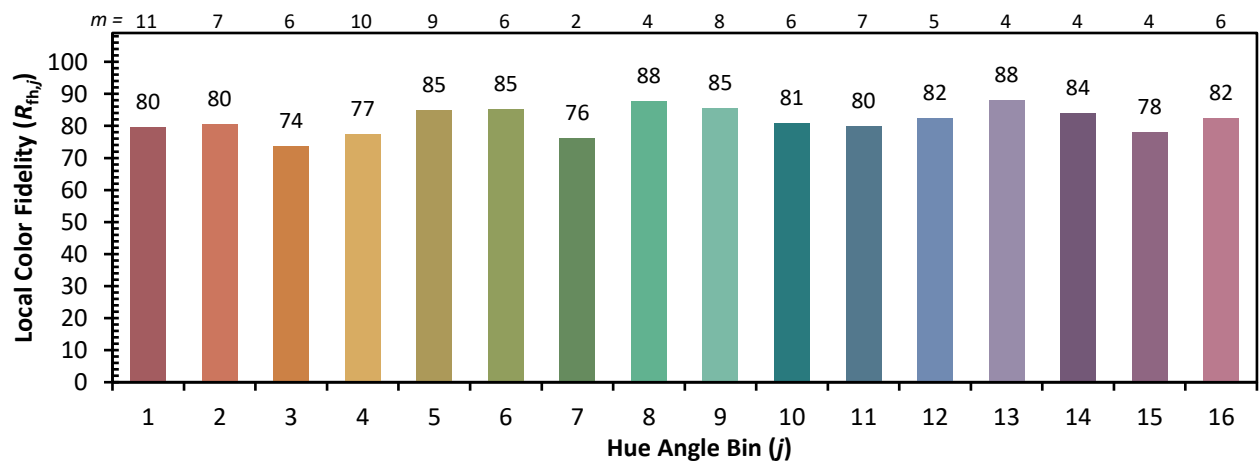
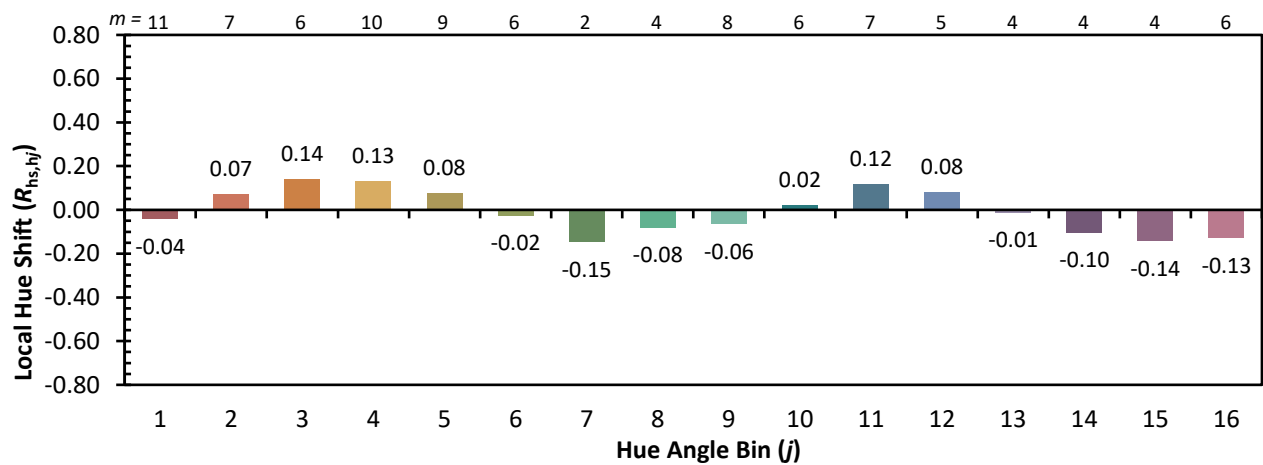
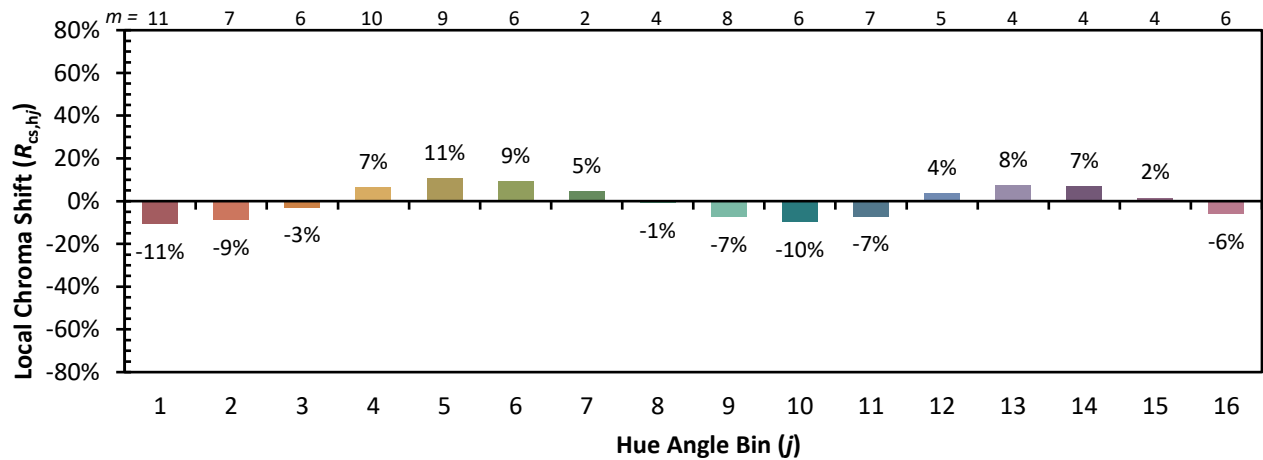


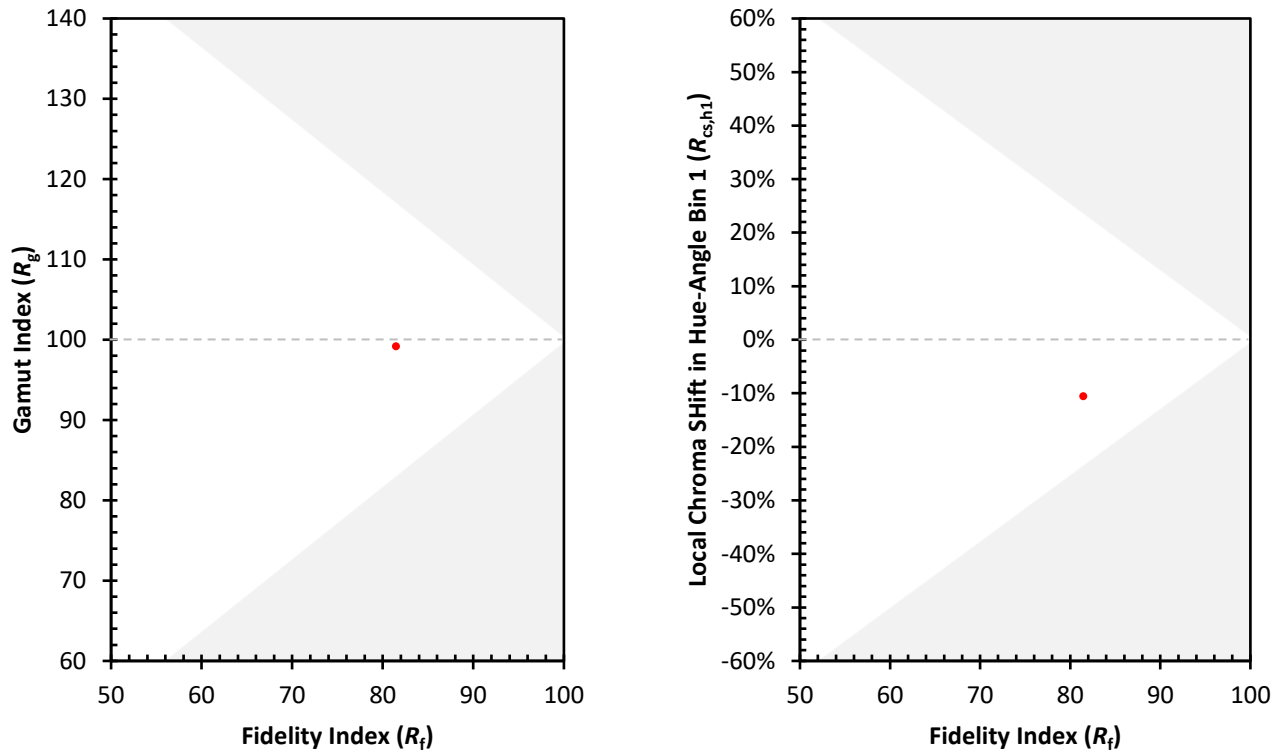
Individual Sample Fidelity Index ($R_{f,i}$)

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)