

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: P1047313

Luminaire Tested: **GALN-SA4A-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047313
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13730 lumens
Efficiency: N/A
Efficacy: 127.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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

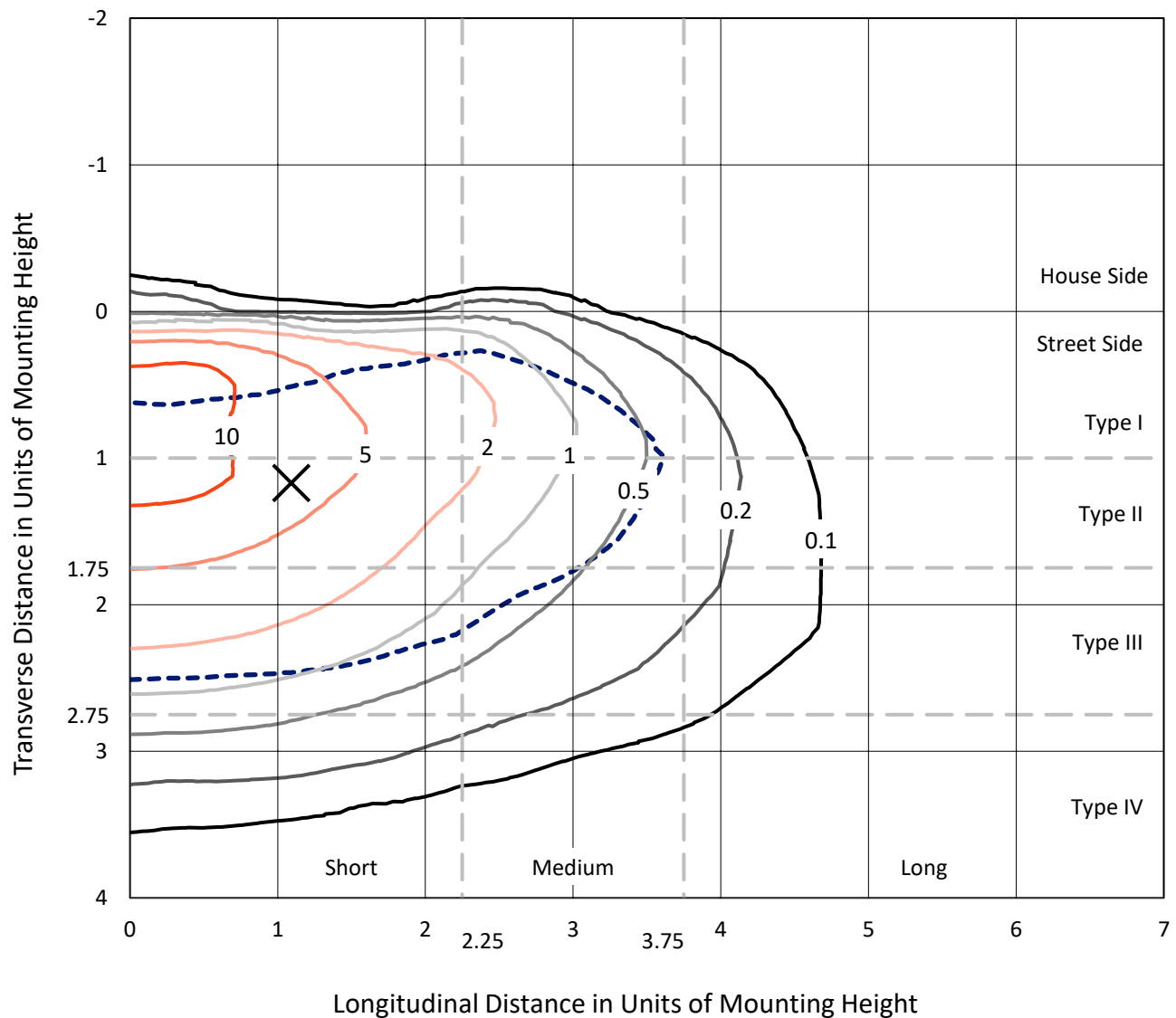


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

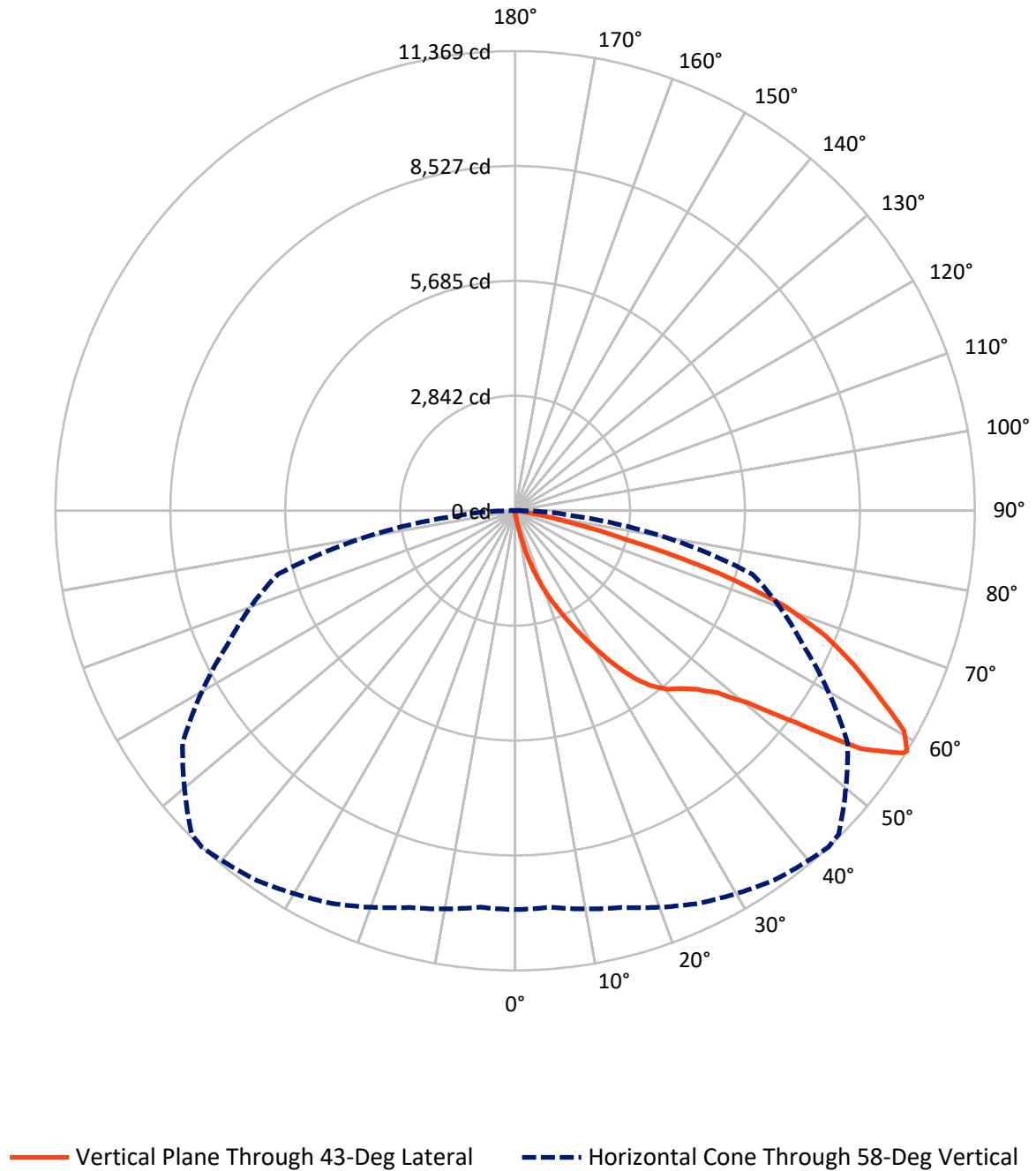


Based on 15 foot mounting height. Maximum calculated value = 15.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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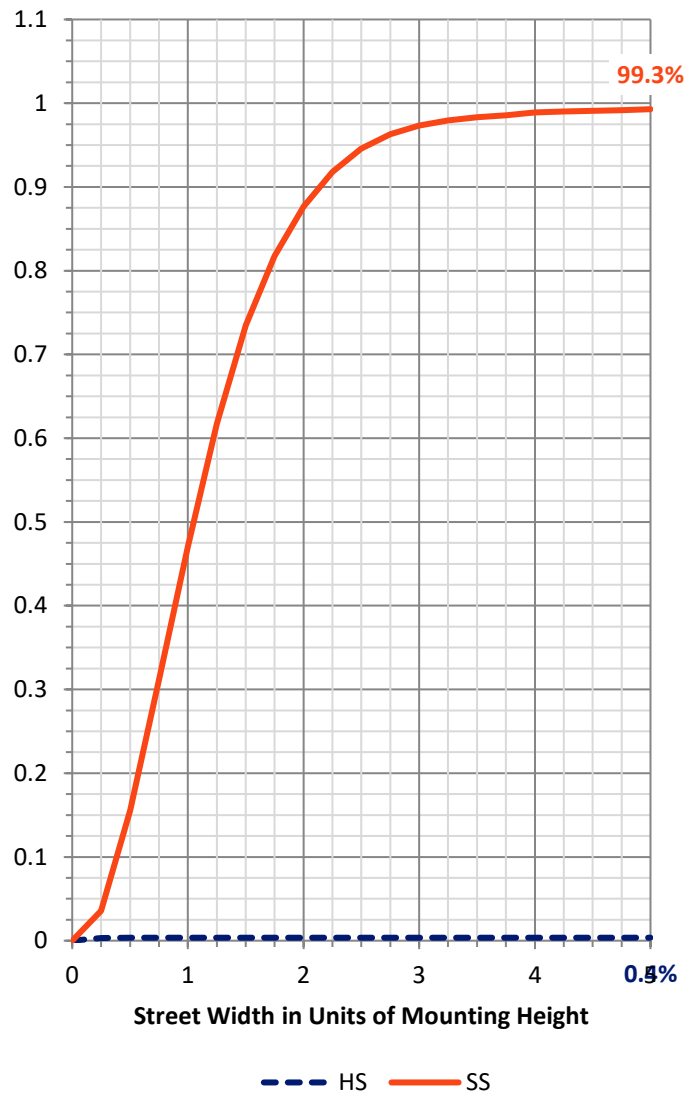
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.1	0.0	50.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	13679.9	0.0	13679.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	13730.0	0.0	13730.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.2	0.1
10°-20°	157.8	1.1
20°-30°	568.9	4.1
30°-40°	1301.5	9.5
40°-50°	2195.2	16.0
50°-60°	3622.5	26.4
60°-70°	4048.7	29.5
70°-80°	1671.6	12.2
80°-90°	150.7	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°	13730.0	100.0
0°-180°	13730.0	100.0



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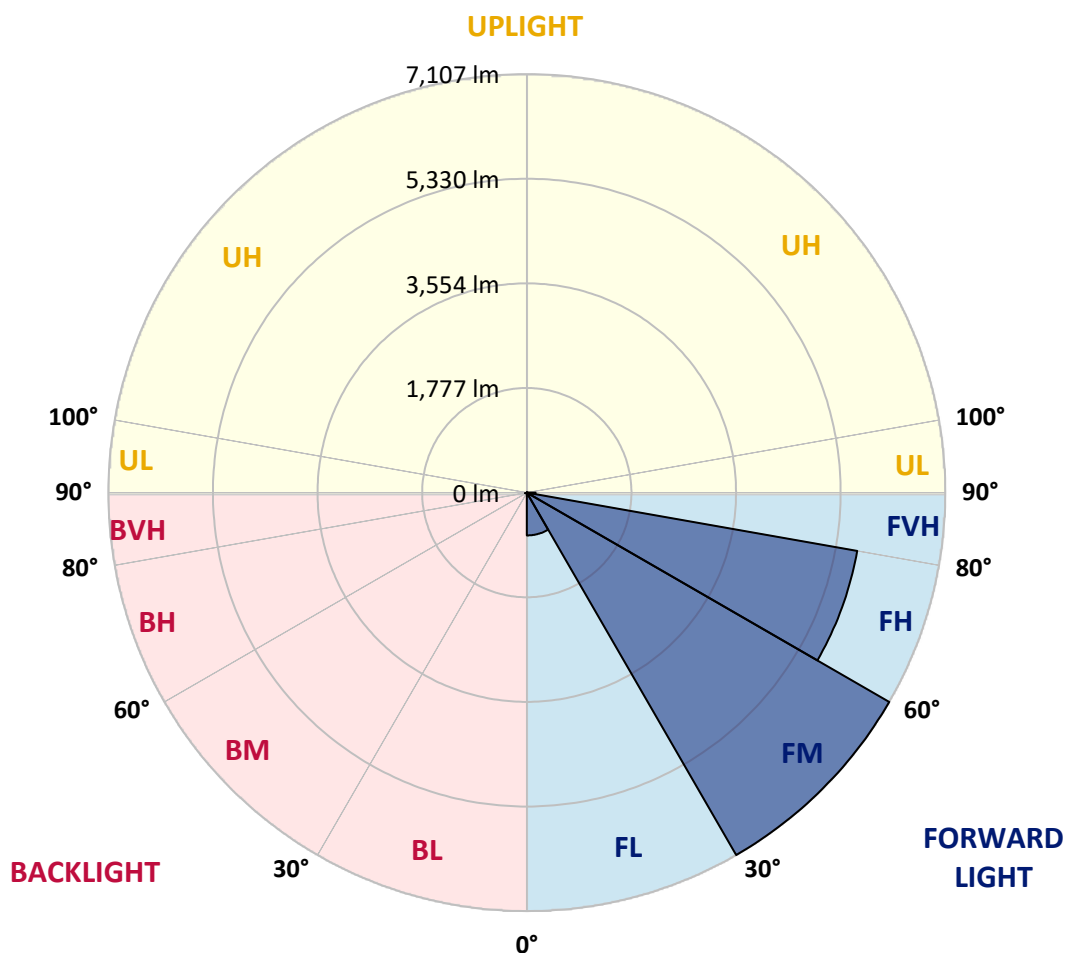
CATALOG NUMBER: GALN-SA4A-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	726.8	5.3			
FM	(30°-60°)	7107.2	51.8			
FH	(60°-80°)	5697.3	41.5			G3/7500
FVH	(80°-90°)	148.6	1.1			G2/225
BL	(0°-30°)	13.1	0.1	B0/110		
BM	(30°-60°)	12.0	0.1	B0/220		
BH	(60°-80°)	23.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2.5°	107.7	111.3	107.7	107.7	107.7	104.1	104.1	100.5	100.5	97.0	93.4
5°	158.0	158.0	147.2	140.0	132.9	129.3	125.7	118.5	111.3	104.1	97.0
7.5°	351.9	351.9	319.6	276.5	219.0	186.7	179.5	147.2	125.7	111.3	97.0
10°	840.3	840.3	768.5	650.0	502.7	373.5	334.0	211.9	150.8	118.5	100.5
12.5°	1396.9	1414.8	1325.1	1174.2	955.2	729.0	650.0	387.8	201.1	129.3	100.5
15°	1896.0	1852.9	1827.8	1684.2	1475.9	1206.6	1106.0	653.6	290.9	147.2	100.5
17.5°	2233.6	2233.6	2197.7	2100.7	1910.4	1673.4	1590.8	1055.7	470.4	168.8	104.1
20°	2628.6	2628.6	2564.0	2495.7	2326.9	2125.9	2046.9	1501.0	729.0	215.5	104.1
22.5°	3106.2	3113.4	3041.6	2919.5	2757.9	2535.2	2467.0	1914.0	1055.7	287.3	107.7
25°	3687.9	3695.1	3591.0	3476.1	3228.3	2987.7	2883.5	2388.0	1454.3	402.2	107.7
27.5°	4330.7	4381.0	4226.6	4029.1	3766.9	3465.3	3386.3	2815.3	1849.3	567.4	114.9
30°	5131.5	5131.5	4926.8	4650.3	4366.6	3993.2	3892.6	3264.2	2269.5	786.4	122.1
32.5°	5821.0	5767.1	5505.0	5214.1	4912.4	4564.1	4456.4	3734.6	2700.4	1059.3	136.5
35°	6348.8	6302.2	5979.0	5666.5	5404.4	5084.8	4955.5	4244.5	3156.5	1368.2	158.0
37.5°	6801.3	6783.3	6345.2	5953.8	5781.5	5501.4	5386.5	4725.7	3605.3	1702.1	183.1
40°	7296.8	7239.4	6772.6	6287.8	6029.2	5803.0	5698.9	5113.5	4036.2	2093.5	219.0
42.5°	7720.6	7652.4	7232.2	6758.2	6316.5	6011.3	5910.7	5440.3	4456.4	2485.0	265.7
45°	8191.0	8155.1	7731.4	7372.3	6783.3	6295.0	6162.1	5702.5	4840.6	2951.8	326.8
47.5°	8898.4	8833.8	8438.8	8144.3	7462.0	6725.9	6535.6	5971.8	5210.5	3411.4	420.1
50°	9720.8	9677.7	9444.2	9210.8	8532.1	7462.0	7235.8	6359.6	5623.5	3957.2	542.2
52.5°	10392.3	10385.1	10413.8	10417.4	9903.9	8700.9	8363.4	6984.4	6097.5	4495.9	714.6
55°	10377.9	10410.2	10726.2	11088.9	11128.4	10392.3	10065.5	8036.6	6715.1	5160.2	955.2
57.5°	9990.1	9964.9	10298.9	10844.7	11229.0	11308.0	11254.1	9670.5	7645.2	5961.0	1325.1
58°	9864.4	9842.8	10158.9	10715.5	11157.1	11369.0	11315.1	10040.3	7853.4	6075.9	1425.6
60°	9408.3	9411.9	9598.7	10105.0	10546.7	11049.4	11099.7	11096.1	8891.2	6844.4	1931.9
62.5°	8805.1	8776.3	8948.7	9361.7	9749.5	10087.0	10173.2	11167.9	10410.2	7821.1	2897.9
65°	7972.0	7928.9	8112.0	8578.8	8995.4	9214.4	9218.0	10205.5	11124.8	8869.7	4276.8
67.5°	6424.2	6388.3	6754.6	7354.3	7997.1	8284.4	8413.6	8855.3	10521.5	9580.7	5066.9
70°	3935.7	4011.1	4521.0	5461.9	6560.7	7088.6	7282.5	7418.9	8959.5	9473.0	4237.3
72.5°	1817.0	1727.3	2161.8	2818.9	4072.2	5246.4	5447.5	5982.6	7102.9	8223.3	3160.1
75°	847.5	815.1	915.7	1231.7	1845.8	2833.3	3199.6	4776.0	5447.5	5720.4	2280.3
77.5°	434.5	438.1	520.7	560.2	761.3	1310.7	1504.6	3142.1	3993.2	3192.4	1529.8
80°	190.3	197.5	201.1	219.0	308.8	506.3	571.0	1457.9	2729.1	1626.7	836.7
82.5°	122.1	125.7	125.7	125.7	147.2	201.1	229.8	585.3	1361.0	808.0	258.5
85°	64.6	64.6	71.8	89.8	104.1	122.1	129.3	186.7	448.9	240.6	61.0
87.5°	35.9	39.5	43.1	53.9	68.2	82.6	89.8	129.3	172.4	165.2	14.4
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-SA4A-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2.5°	93.4	89.8	86.2	82.6	79.0	75.4	75.4	75.4	75.4	75.4	75.4
5°	89.8	86.2	82.6	75.4	68.2	64.6	61.0	57.5	57.5	57.5	57.5
7.5°	89.8	86.2	75.4	68.2	61.0	53.9	46.7	46.7	46.7	46.7	46.7
10°	89.8	82.6	71.8	61.0	50.3	43.1	39.5	35.9	35.9	35.9	35.9
12.5°	89.8	79.0	68.2	53.9	43.1	35.9	32.3	28.7	28.7	28.7	28.7
15°	89.8	79.0	64.6	50.3	39.5	28.7	25.1	21.5	21.5	21.5	21.5
17.5°	86.2	75.4	61.0	43.1	32.3	21.5	18.0	14.4	14.4	18.0	18.0
20°	82.6	71.8	53.9	35.9	25.1	18.0	10.8	10.8	10.8	10.8	10.8
22.5°	82.6	71.8	50.3	32.3	21.5	10.8	7.2	7.2	7.2	7.2	10.8
25°	82.6	68.2	43.1	25.1	14.4	7.2	3.6	3.6	3.6	3.6	3.6
27.5°	82.6	68.2	39.5	21.5	10.8	7.2	3.6	0.0	0.0	0.0	0.0
30°	79.0	64.6	35.9	18.0	7.2	3.6	0.0	0.0	0.0	0.0	0.0
32.5°	79.0	61.0	28.7	14.4	7.2	3.6	0.0	0.0	0.0	0.0	0.0
35°	82.6	57.5	25.1	10.8	3.6	0.0	0.0	0.0	0.0	0.0	3.6
37.5°	86.2	53.9	21.5	7.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0
40°	89.8	50.3	21.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	97.0	50.3	18.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	104.1	50.3	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	118.5	53.9	14.4	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	129.3	57.5	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	143.6	53.9	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	161.6	53.9	10.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	176.0	50.3	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	183.1	46.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	219.0	43.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	341.1	35.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	693.1	32.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1292.7	28.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1447.2	32.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	912.1	25.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	481.2	25.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	240.6	25.1	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	111.3	18.0	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	46.7	10.8	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0
85°	21.5	10.8	7.2	7.2	3.6	3.6	0.0	0.0	0.0	0.0	0.0
87.5°	10.8	10.8	10.8	7.2	7.2	3.6	3.6	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: SP1-2407-184-9

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

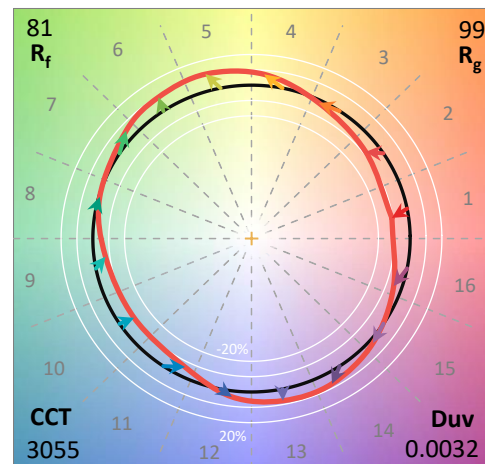
Test Information

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

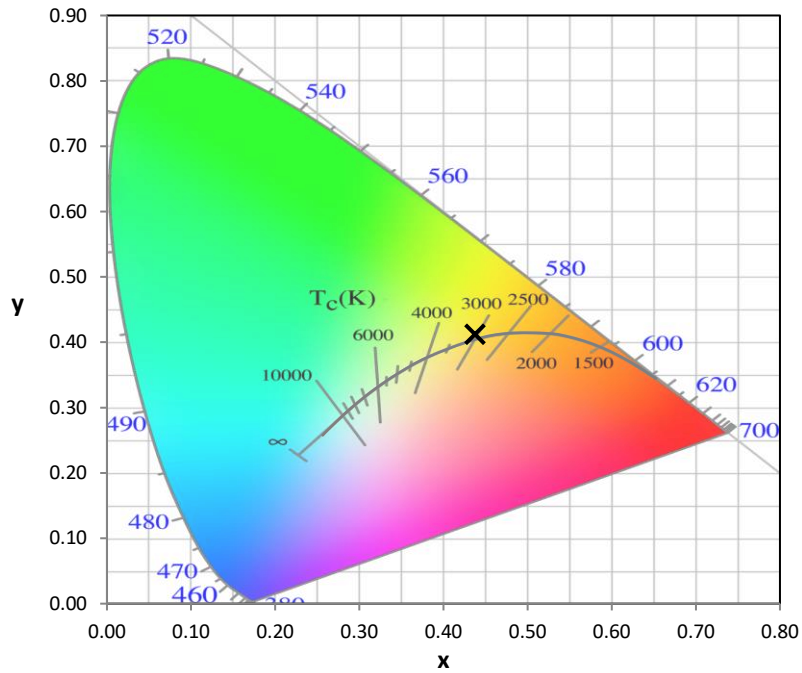
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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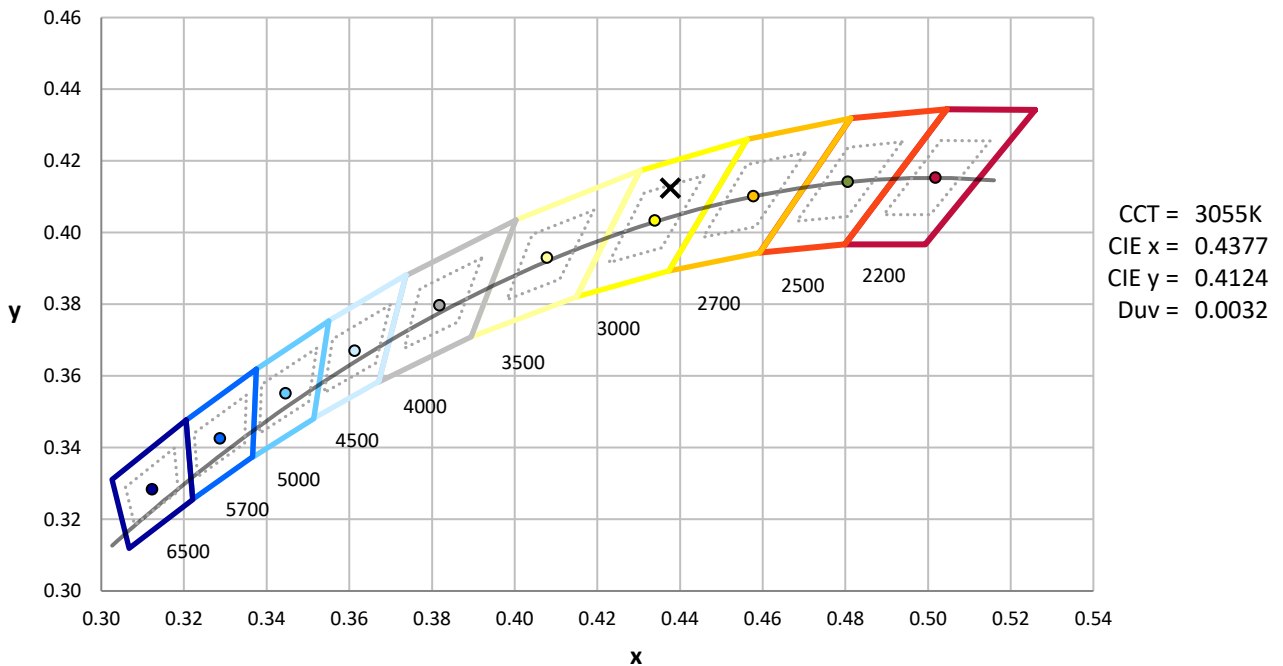
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



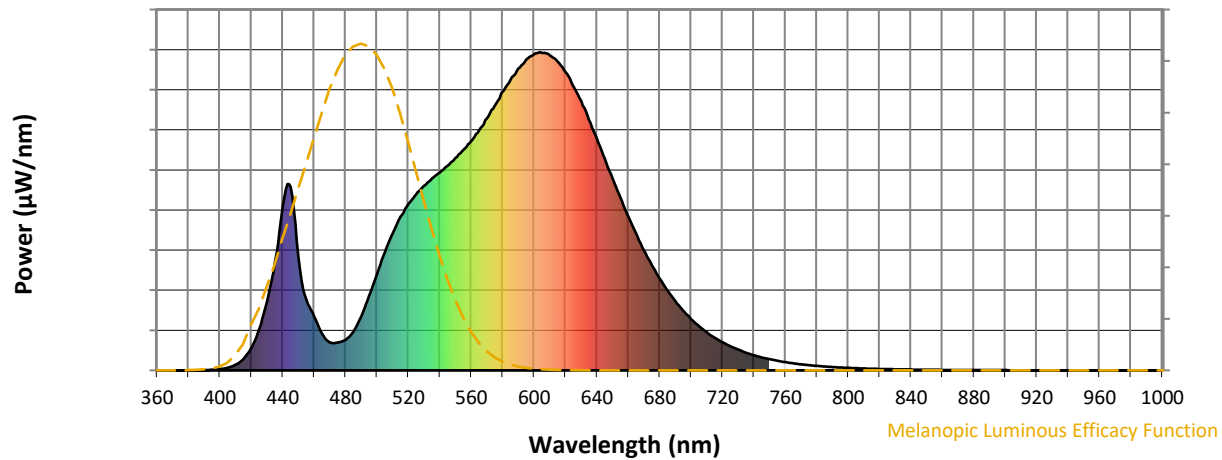
Scotopic Lumens: NR

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

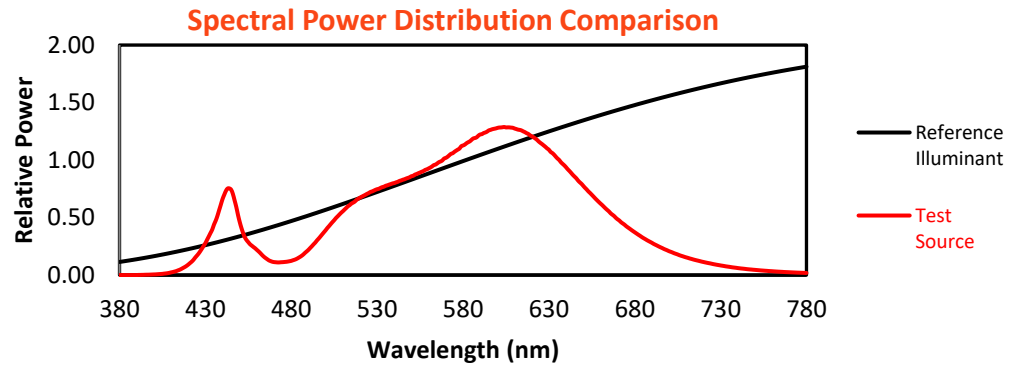
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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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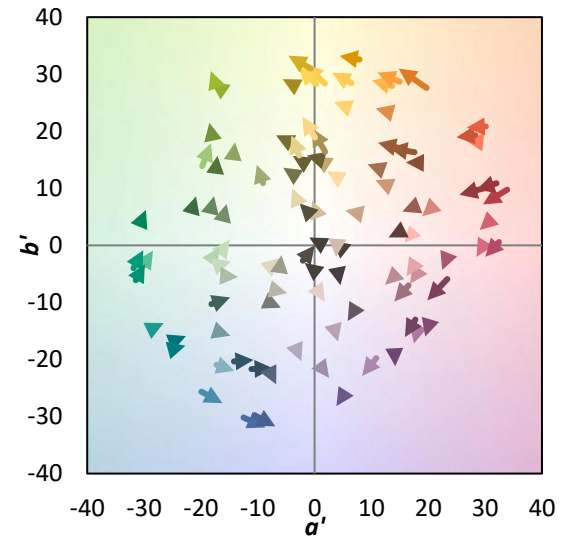
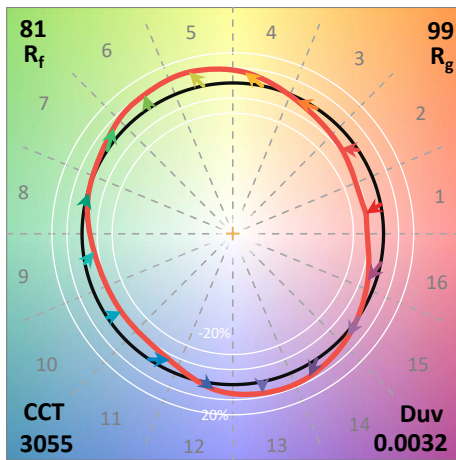
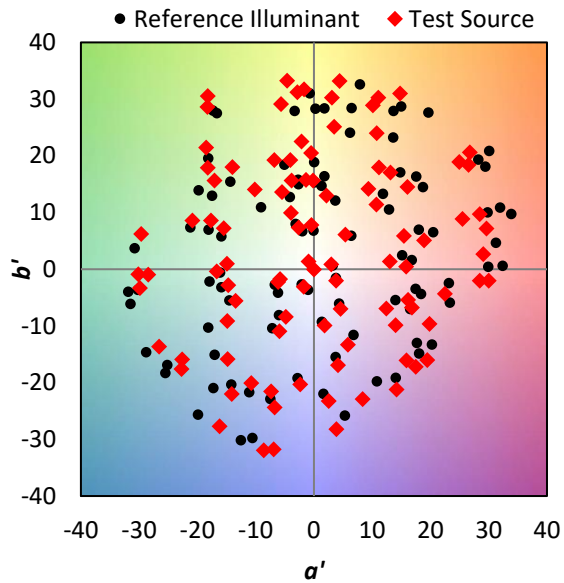
TM-30-18

Summary

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



Color Vector Graphics

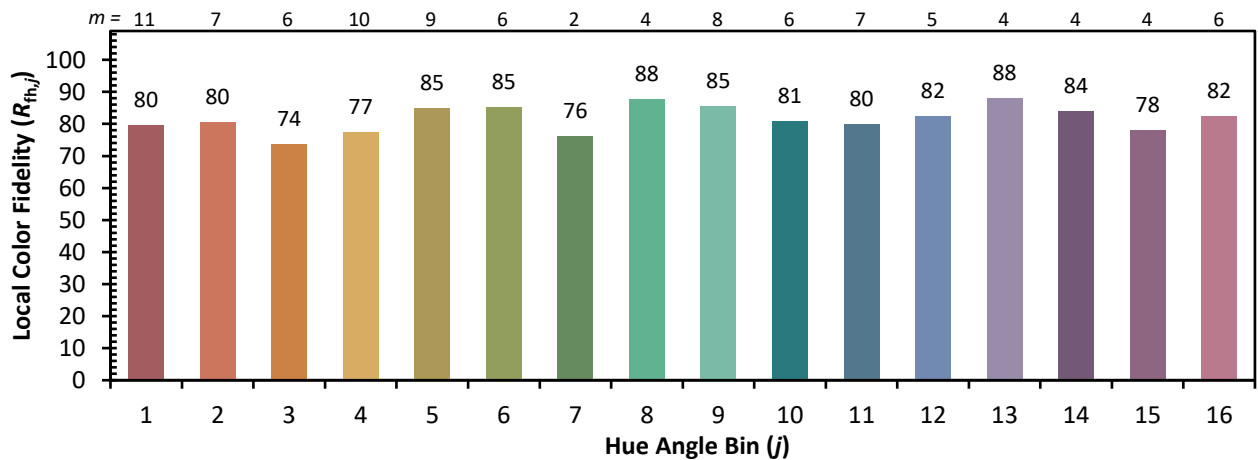
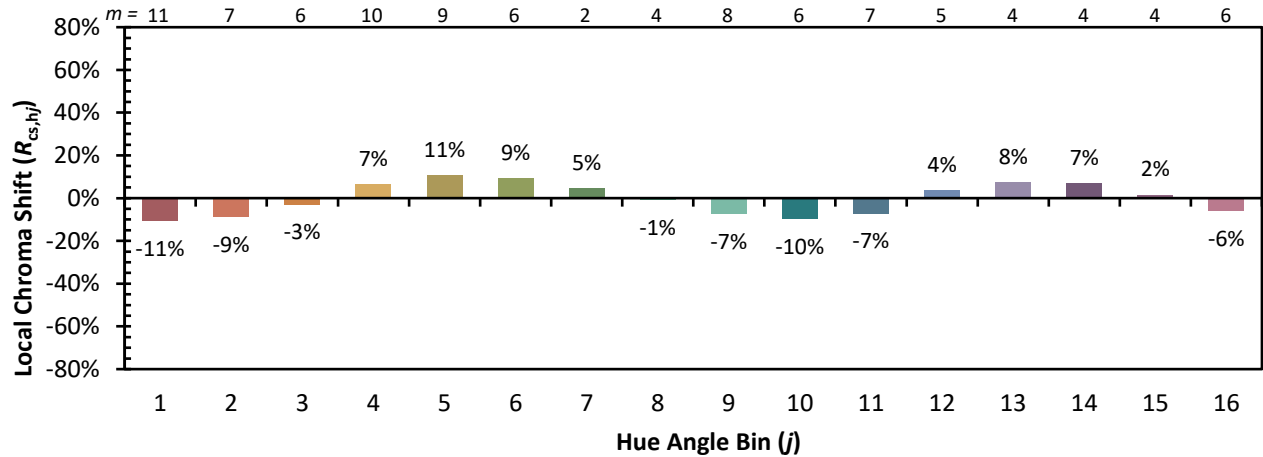


Individual Sample Fidelity Index ($R_{f,i}$)

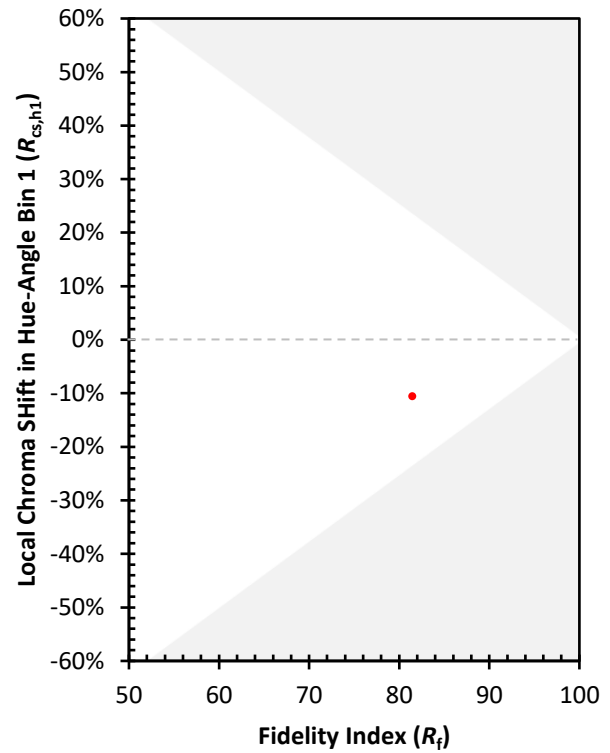
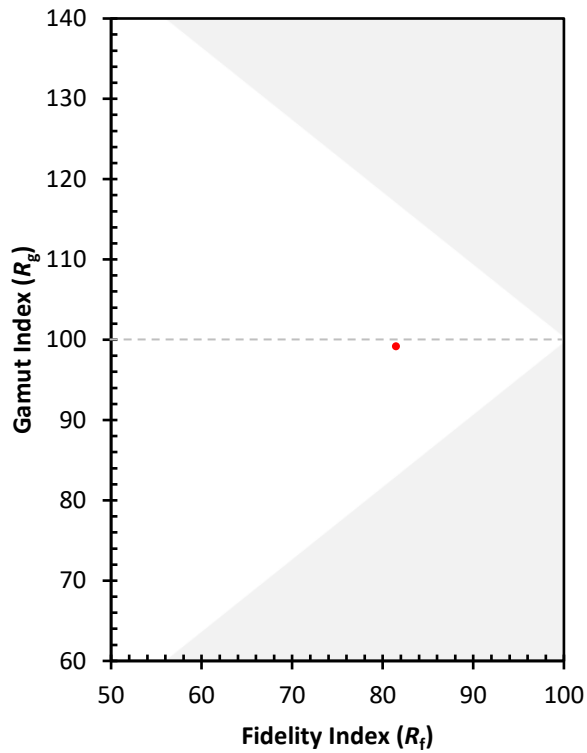
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)