

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: P1047317

Luminaire Tested: **GALN-SA5A-830-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047317
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-830-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16758.1 lumens
Efficiency: N/A
Efficacy: 122.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 136.6
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

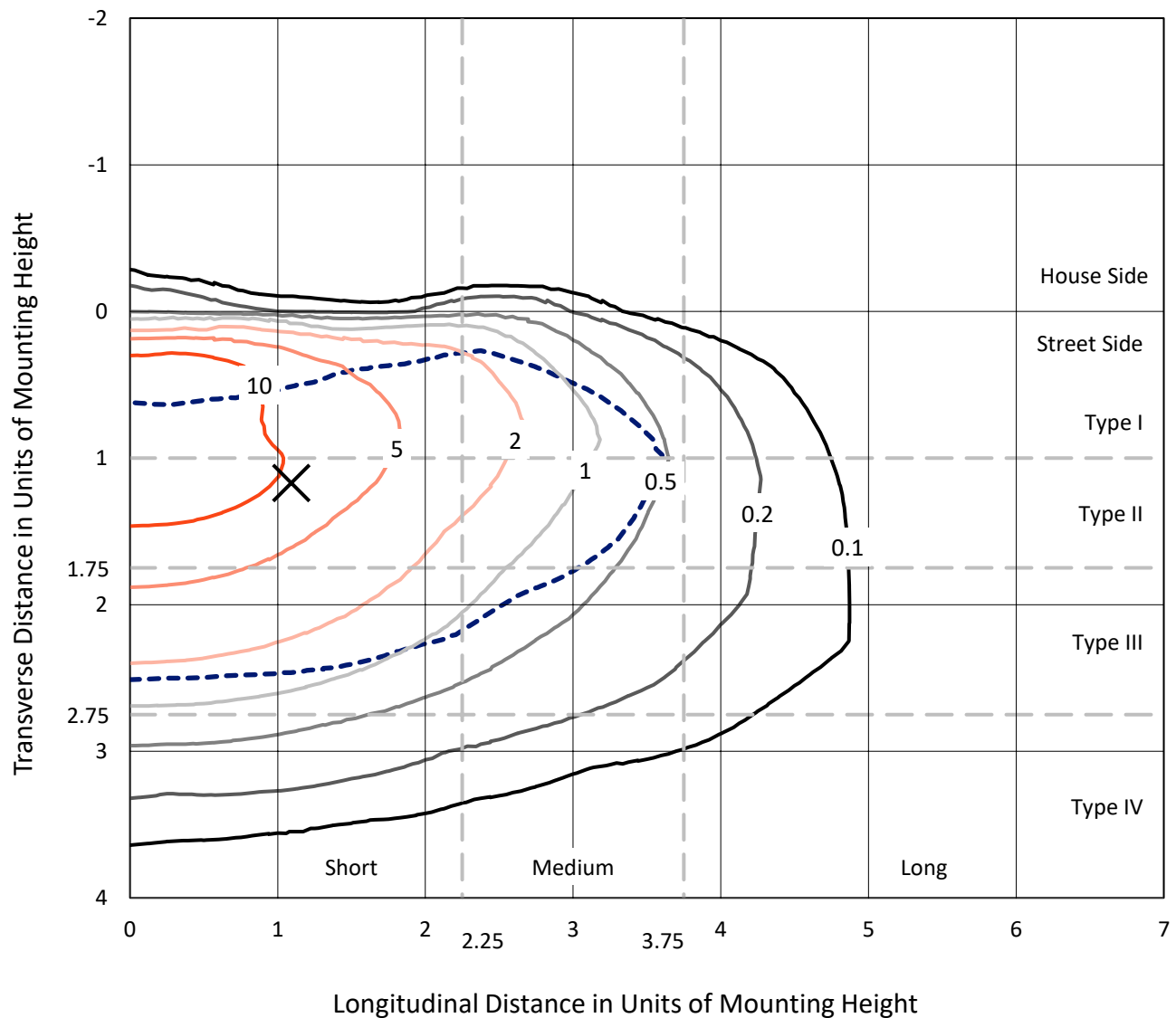


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

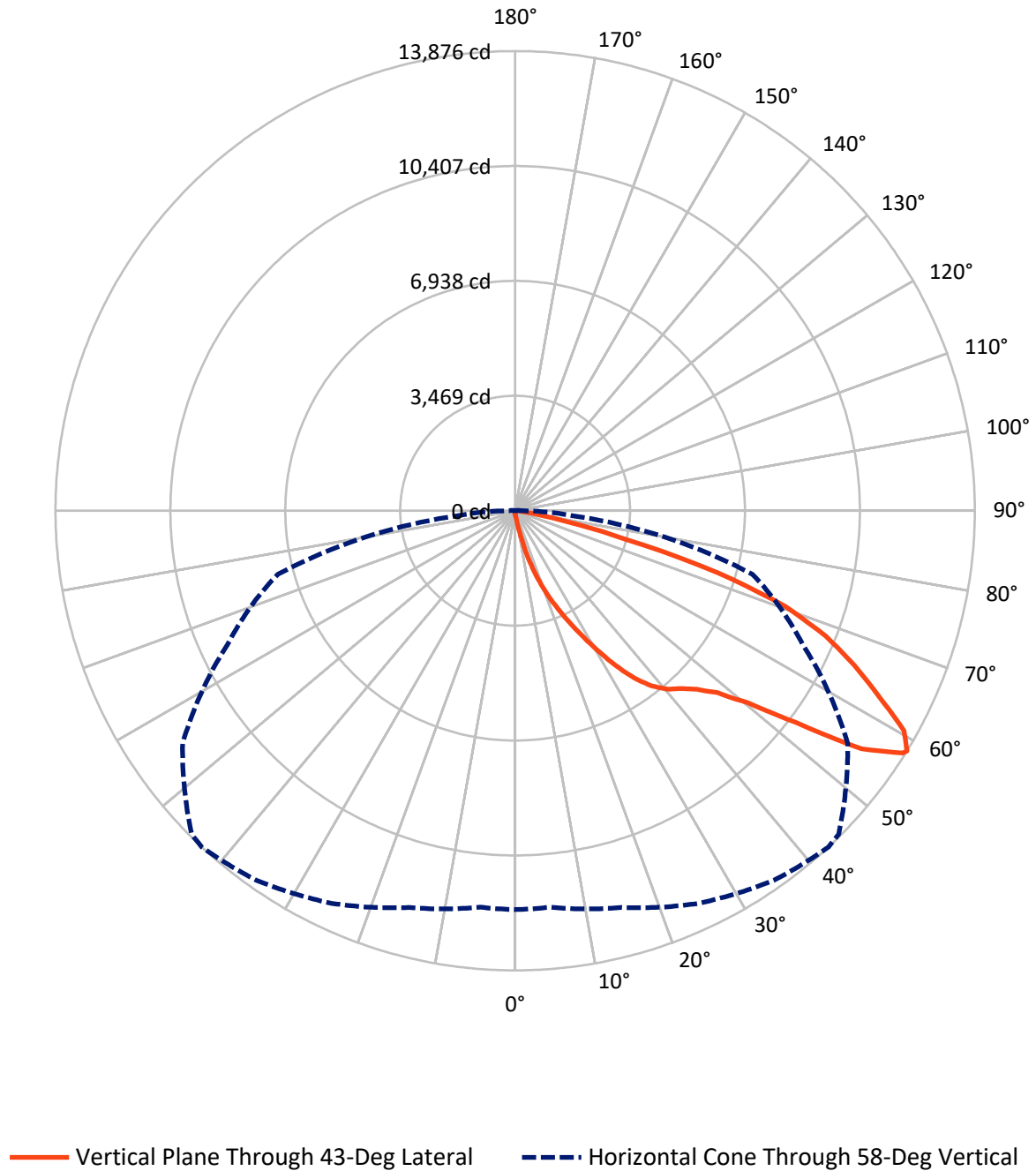


Based on 15 foot mounting height. Maximum calculated value = 18.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	61.2	0.0	61.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16696.9	0.0	16696.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	16758.1	0.0	16758.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	0.1
10°-20°	192.6	1.1
20°-30°	694.3	4.1
30°-40°	1588.6	9.5
40°-50°	2679.3	16.0
50°-60°	4421.5	26.4
60°-70°	4941.6	29.5
70°-80°	2040.3	12.2
80°-90°	183.9	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°	16758.1	100.0
0°-180°	16758.1	100.0



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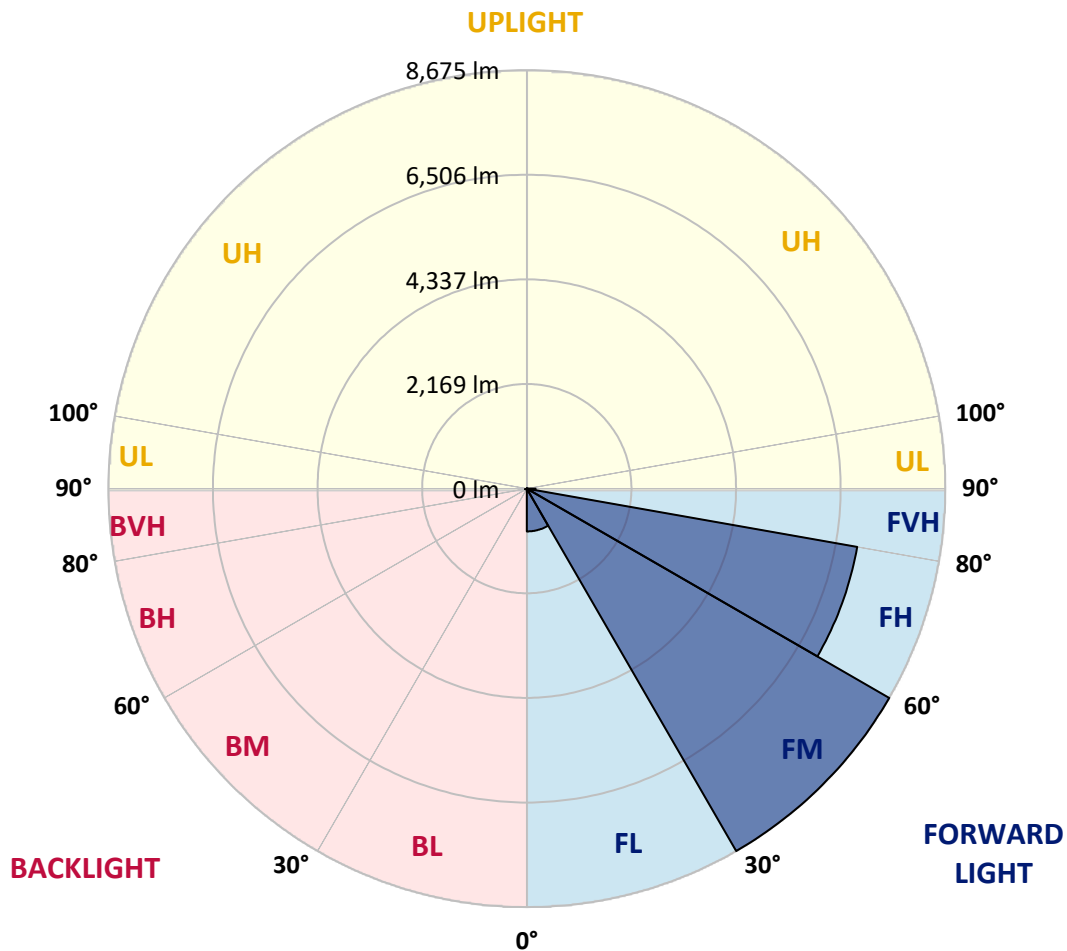
CATALOG NUMBER: GALN-SA5A-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	887.0	5.3			
FM	(30°-60°)	8674.6	51.8			
FH	(60°-80°)	6953.8	41.5			G3/7500
FVH	(80°-90°)	181.4	1.1			G2/225
BL	(0°-30°)	16.0	0.1	B0/110		
BM	(30°-60°)	14.7	0.1	B0/220		
BH	(60°-80°)	28.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6
2.5°	131.5	135.9	131.5	131.5	131.5	127.1	127.1	122.7	122.7	118.3	114.0
5°	192.8	192.8	179.7	170.9	162.2	157.8	153.4	144.6	135.9	127.1	118.3
7.5°	429.5	429.5	390.1	337.5	267.4	227.9	219.1	179.7	153.4	135.9	118.3
10°	1025.6	1025.6	937.9	793.3	613.6	455.8	407.6	258.6	184.1	144.6	122.7
12.5°	1705.0	1726.9	1617.3	1433.2	1165.9	889.7	793.3	473.4	245.4	157.8	122.7
15°	2314.2	2261.6	2230.9	2055.6	1801.4	1472.7	1349.9	797.7	355.0	179.7	122.7
17.5°	2726.2	2726.2	2682.4	2564.0	2331.7	2042.4	1941.6	1288.6	574.2	206.0	127.1
20°	3208.3	3208.3	3129.4	3046.1	2840.1	2594.7	2498.3	1832.1	889.7	263.0	127.1
22.5°	3791.2	3800.0	3712.3	3563.3	3366.1	3094.3	3011.1	2336.1	1288.6	350.6	131.5
25°	4501.3	4510.0	4382.9	4242.7	3940.3	3646.6	3519.5	2914.6	1775.1	490.9	131.5
27.5°	5285.8	5347.2	5158.7	4917.6	4597.7	4229.5	4133.1	3436.2	2257.2	692.5	140.3
30°	6263.2	6263.2	6013.4	5675.9	5329.6	4873.8	4751.1	3984.1	2770.0	959.9	149.0
32.5°	7104.7	7039.0	6719.0	6364.0	5995.8	5570.7	5439.2	4558.2	3296.0	1293.0	166.6
35°	7749.0	7692.0	7297.6	6916.3	6596.3	6206.2	6048.4	5180.6	3852.6	1669.9	192.8
37.5°	8301.3	8279.4	7744.6	7266.9	7056.5	6714.6	6574.4	5767.9	4400.5	2077.5	223.5
40°	8906.1	8836.0	8266.2	7674.5	7358.9	7082.8	6955.7	6241.3	4926.4	2555.2	267.4
42.5°	9423.3	9340.0	8827.2	8248.7	7709.6	7337.0	7214.3	6640.1	5439.2	3033.0	324.3
45°	9997.5	9953.6	9436.4	8998.2	8279.4	7683.3	7521.1	6960.1	5908.2	3602.8	398.8
47.5°	10860.9	10782.0	10299.9	9940.5	9107.7	8209.2	7976.9	7288.8	6359.6	4163.8	512.8
50°	11864.6	11812.0	11527.1	11242.2	10413.8	9107.7	8831.6	7762.2	6863.7	4830.0	661.8
52.5°	12684.2	12675.4	12710.5	12714.9	12088.1	10619.8	10207.8	8524.8	7442.2	5487.4	872.2
55°	12666.7	12706.1	13091.8	13534.5	13582.7	12684.2	12285.3	9809.0	8196.1	6298.3	1165.9
57.5°	12193.3	12162.6	12570.2	13236.4	13705.4	13801.8	13736.1	11803.2	9331.3	7275.7	1617.3
58°	12039.9	12013.6	12399.3	13078.7	13617.8	13876.4	13810.6	12254.7	9585.5	7415.9	1740.0
60°	11483.3	11487.7	11715.6	12333.6	12872.7	13486.3	13547.6	13543.2	10852.1	8353.9	2358.0
62.5°	10746.9	10711.9	10922.3	11426.3	11899.7	12311.6	12416.8	13630.9	12706.1	9546.0	3537.0
65°	9730.1	9677.5	9901.0	10470.8	10979.2	11246.6	11251.0	12456.3	13578.3	10825.8	5220.1
67.5°	7841.1	7797.2	8244.3	8976.2	9760.8	10111.4	10269.2	10808.3	12842.0	11693.7	6184.3
70°	4803.7	4895.7	5518.1	6666.4	8007.6	8651.9	8888.6	9055.1	10935.4	11562.2	5171.9
72.5°	2217.8	2108.2	2638.5	3440.6	4970.2	6403.5	6648.9	7302.0	8669.4	10036.9	3857.0
75°	1034.4	994.9	1117.6	1503.3	2252.8	3458.1	3905.2	5829.3	6648.9	6982.0	2783.2
77.5°	530.3	534.7	635.5	683.7	929.2	1599.8	1836.4	3835.1	4873.8	3896.4	1867.1
80°	232.3	241.1	245.4	267.4	376.9	618.0	696.9	1779.5	3331.0	1985.5	1021.2
82.5°	149.0	153.4	153.4	153.4	179.7	245.4	280.5	714.4	1661.1	986.2	315.6
85°	78.9	78.9	87.7	109.6	127.1	149.0	157.8	227.9	547.9	293.7	74.5
87.5°	43.8	48.2	52.6	65.7	83.3	100.8	109.6	157.8	210.4	201.6	17.5
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-SA5A-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6	109.6
2.5°	114.0	109.6	105.2	100.8	96.4	92.0	92.0	92.0	92.0	92.0	92.0
5°	109.6	105.2	100.8	92.0	83.3	78.9	74.5	70.1	70.1	70.1	70.1
7.5°	109.6	105.2	92.0	83.3	74.5	65.7	57.0	57.0	57.0	57.0	57.0
10°	109.6	100.8	87.7	74.5	61.4	52.6	48.2	43.8	43.8	43.8	43.8
12.5°	109.6	96.4	83.3	65.7	52.6	43.8	39.4	35.1	35.1	35.1	35.1
15°	109.6	96.4	78.9	61.4	48.2	35.1	30.7	26.3	26.3	26.3	26.3
17.5°	105.2	92.0	74.5	52.6	39.4	26.3	21.9	17.5	17.5	21.9	21.9
20°	100.8	87.7	65.7	43.8	30.7	21.9	13.1	13.1	13.1	13.1	13.1
22.5°	100.8	87.7	61.4	39.4	26.3	13.1	8.8	8.8	8.8	8.8	13.1
25°	100.8	83.3	52.6	30.7	17.5	8.8	4.4	4.4	4.4	4.4	4.4
27.5°	100.8	83.3	48.2	26.3	13.1	8.8	4.4	0.0	0.0	0.0	0.0
30°	96.4	78.9	43.8	21.9	8.8	4.4	0.0	0.0	0.0	0.0	0.0
32.5°	96.4	74.5	35.1	17.5	8.8	4.4	0.0	0.0	0.0	0.0	0.0
35°	100.8	70.1	30.7	13.1	4.4	0.0	0.0	0.0	0.0	0.0	4.4
37.5°	105.2	65.7	26.3	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	109.6	61.4	26.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	118.3	61.4	21.9	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	127.1	61.4	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	144.6	65.7	17.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	157.8	70.1	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	175.3	65.7	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	197.2	65.7	13.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	214.8	61.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	223.5	57.0	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	267.4	52.6	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	416.4	43.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	845.9	39.4	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1577.9	35.1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1766.3	39.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1113.3	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	587.3	30.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	293.7	30.7	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	135.9	21.9	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	57.0	13.1	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.3	13.1	8.8	8.8	4.4	4.4	0.0	0.0	0.0	0.0	0.0
87.5°	13.1	13.1	13.1	8.8	8.8	4.4	4.4	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

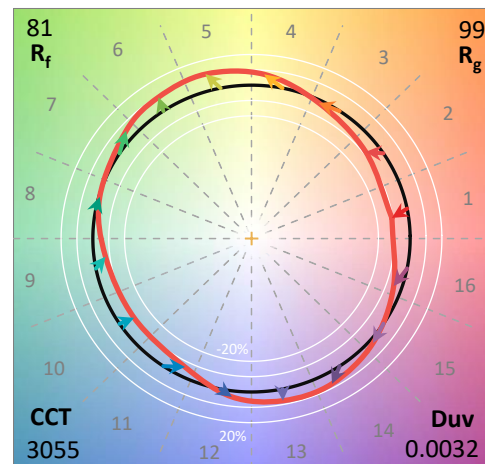
Test Information

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

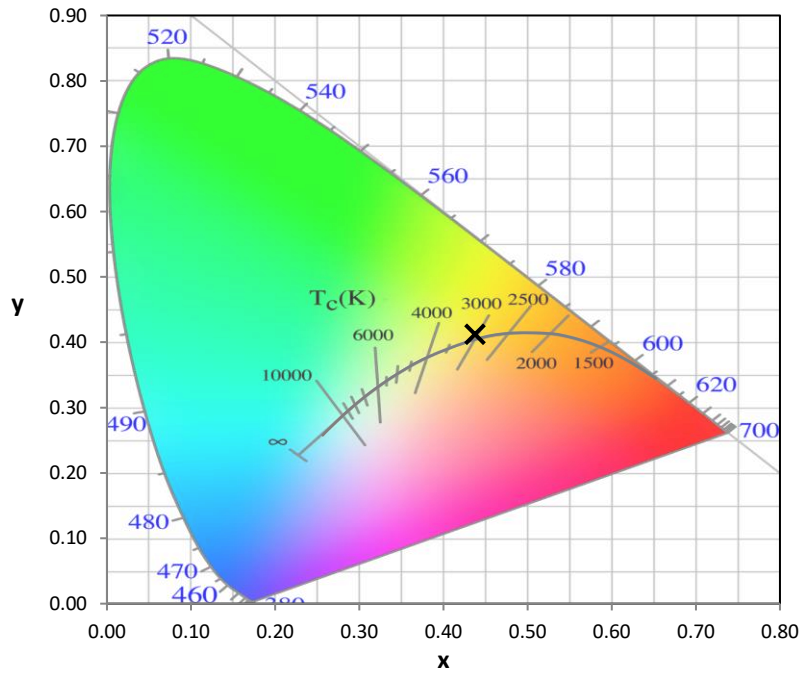
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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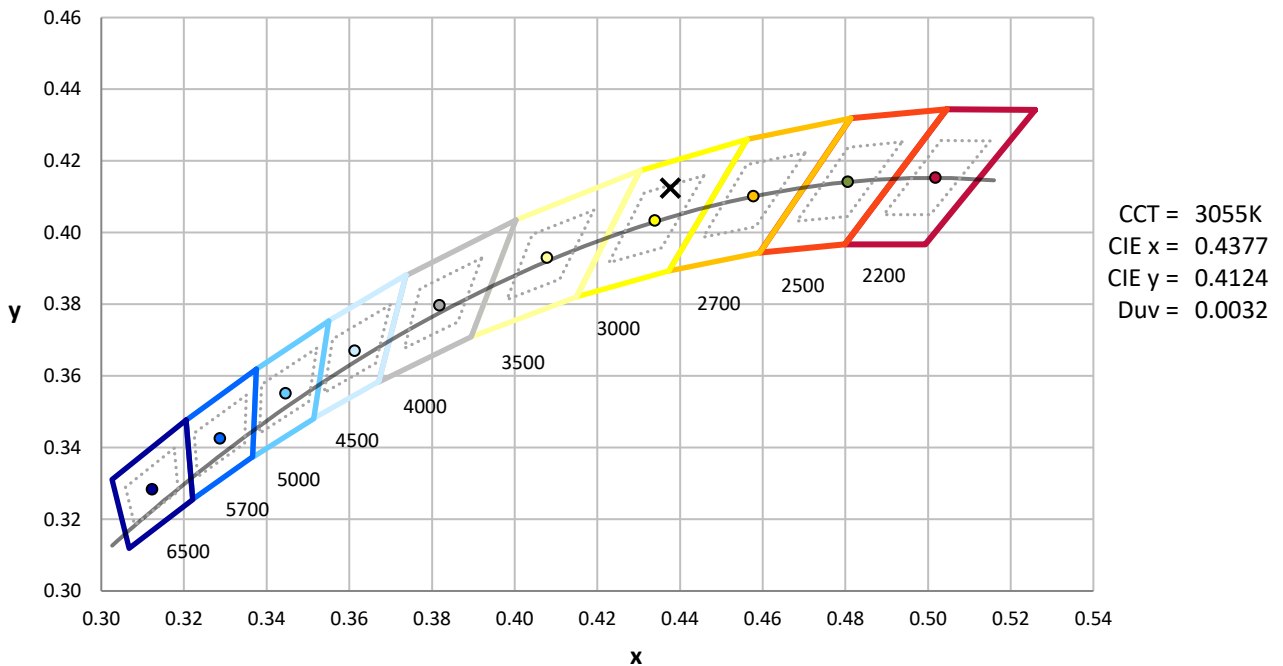
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

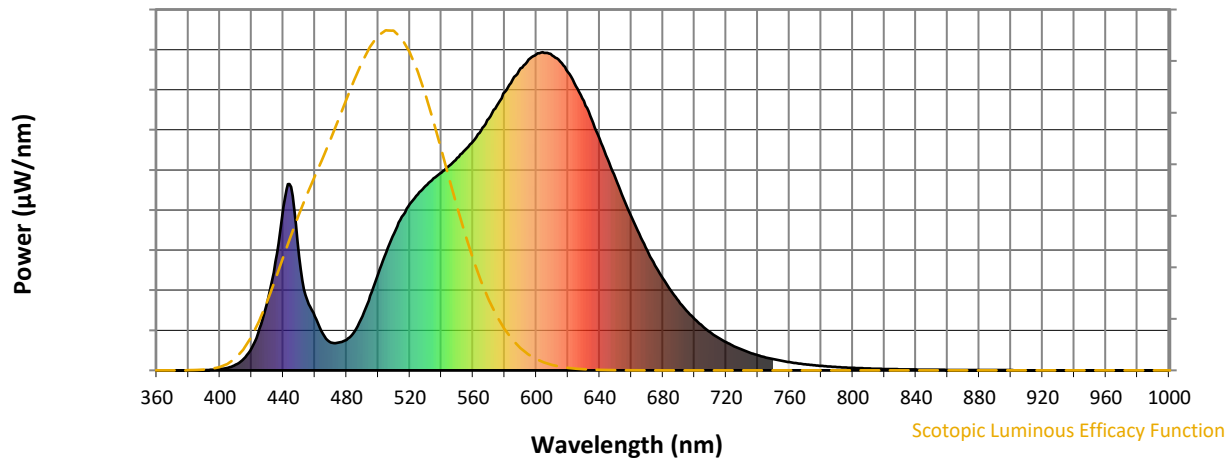


Photopic Lumens: NR

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



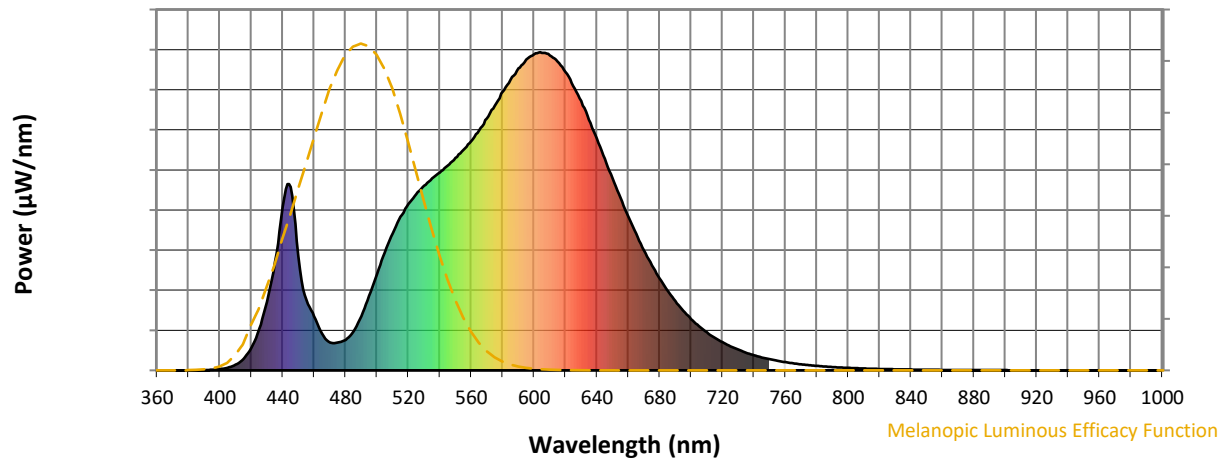
Scotopic Lumens: NR

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

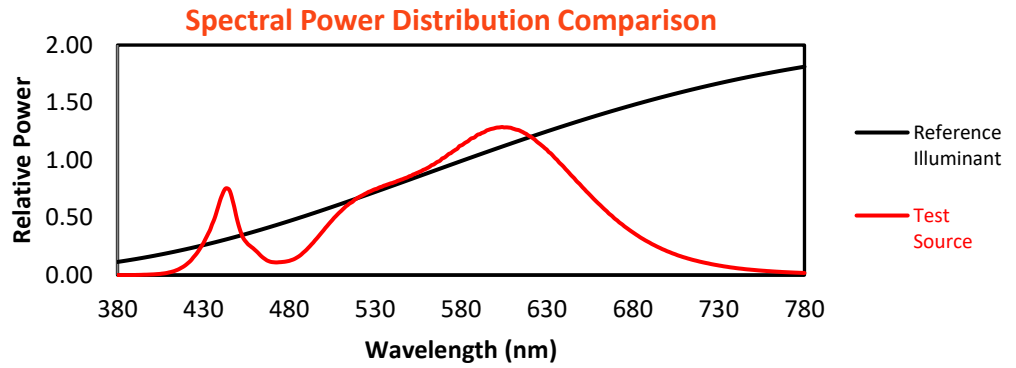
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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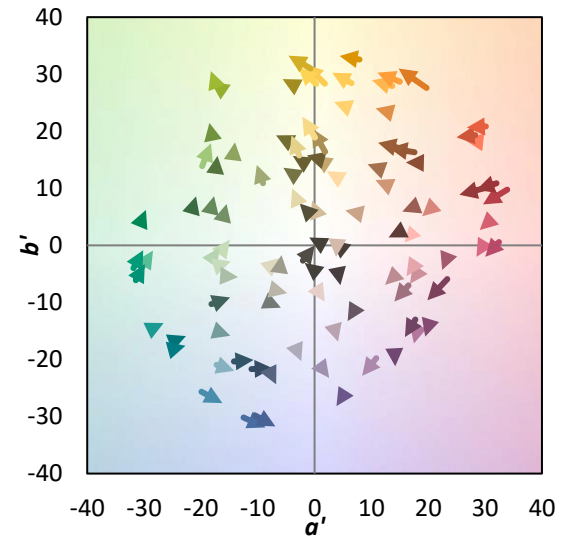
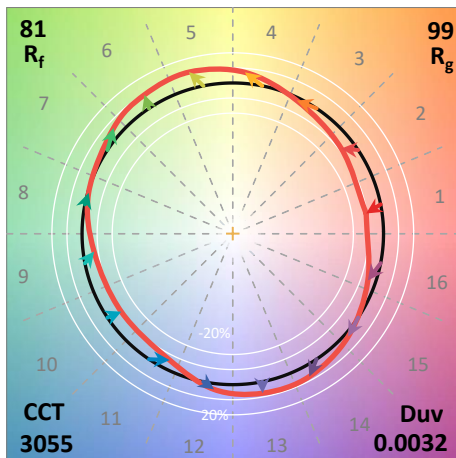
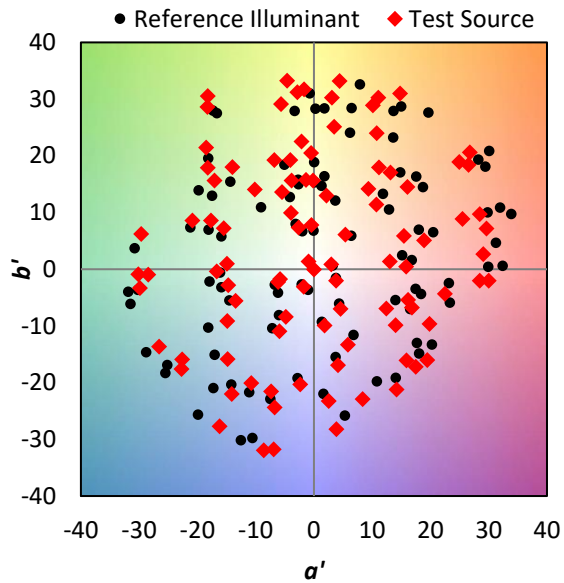
TM-30-18

Summary

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

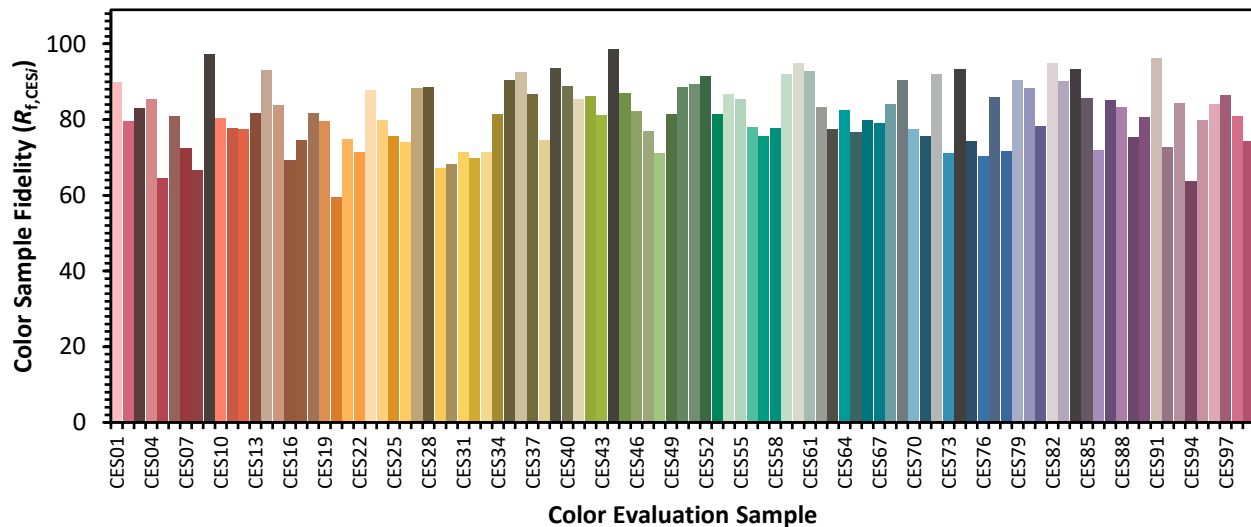


Color Vector Graphics

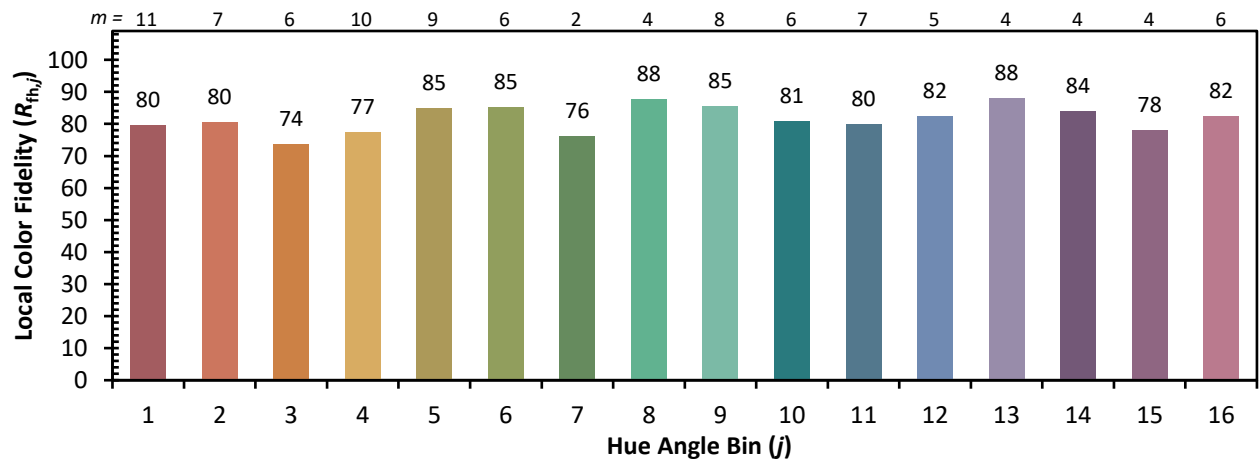
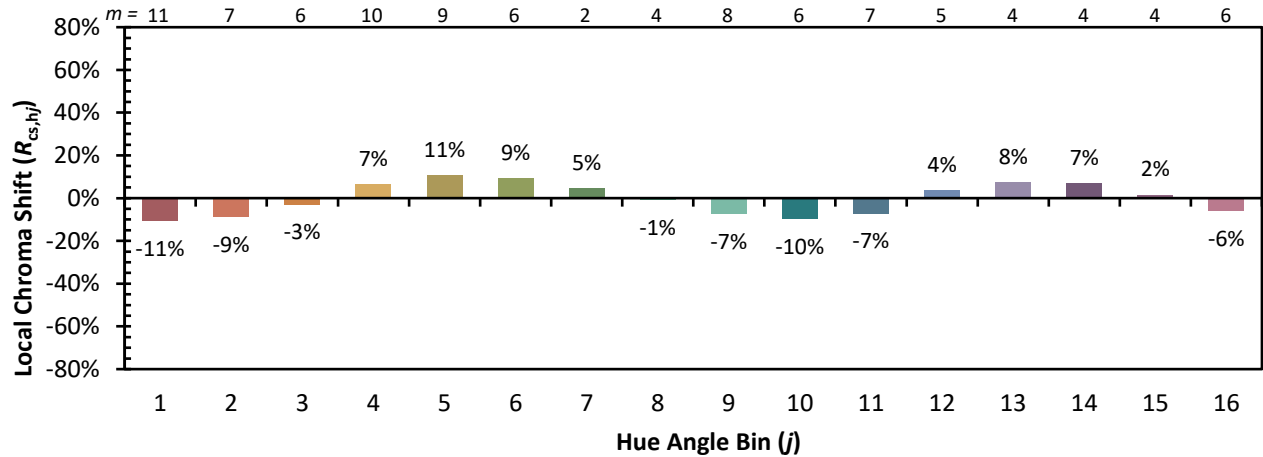


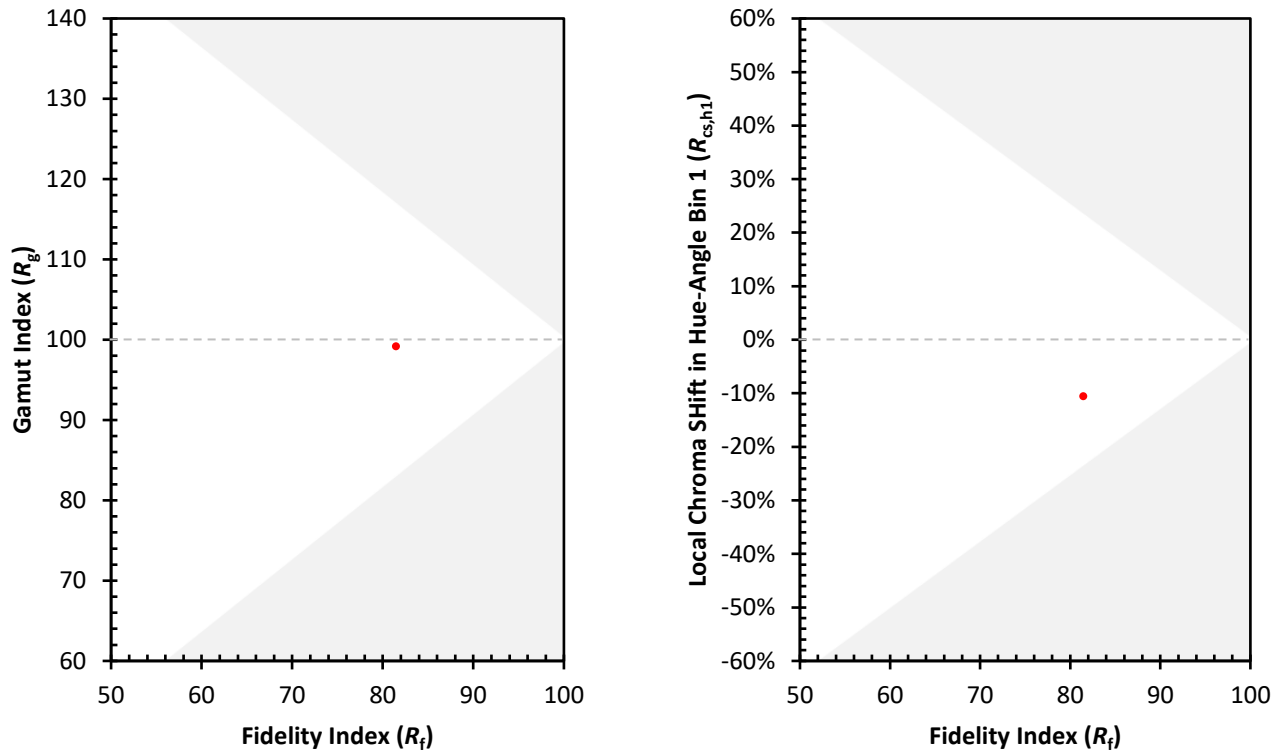
Individual Sample Fidelity Index ($R_{f,i}$)

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)