

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: P1048661

Luminaire Tested: **GALN-SA8A-850-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048661
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-850-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26404.8 lumens
Efficiency: N/A
Efficacy: 121.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 217.6
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

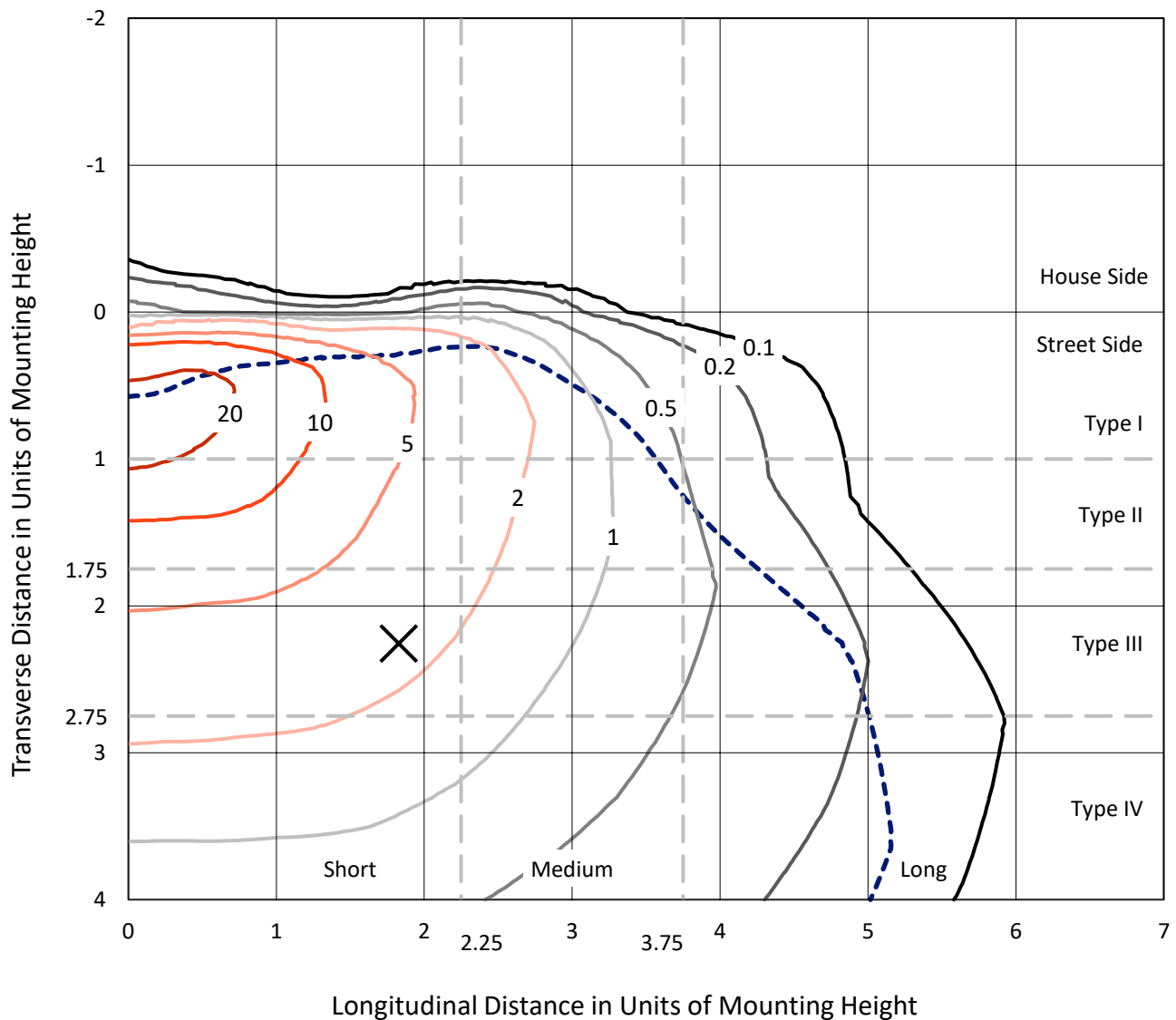


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

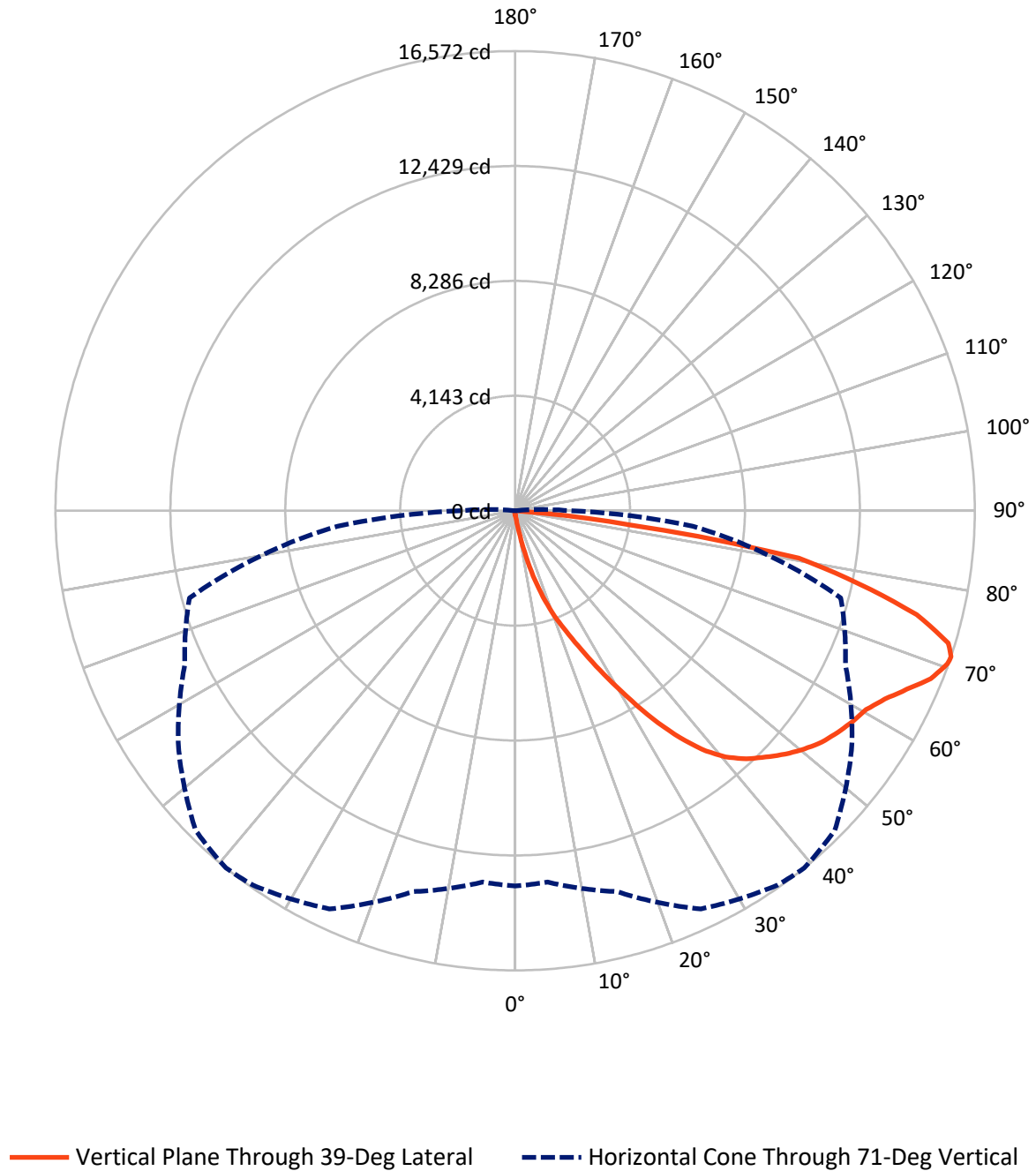


Based on 15 foot mounting height. Maximum calculated value = 27.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	93.8	0.0	93.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26311.0	0.0	26311.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	26404.8	0.0	26404.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.1	0.1
10°-20°	282.2	1.1
20°-30°	1005.0	3.8
30°-40°	2422.2	9.2
40°-50°	4053.8	15.4
50°-60°	5206.6	19.7
60°-70°	6589.0	25.0
70°-80°	5874.4	22.2
80°-90°	949.6	3.6
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°	26404.8	100.0
0°-180°	26404.8	100.0



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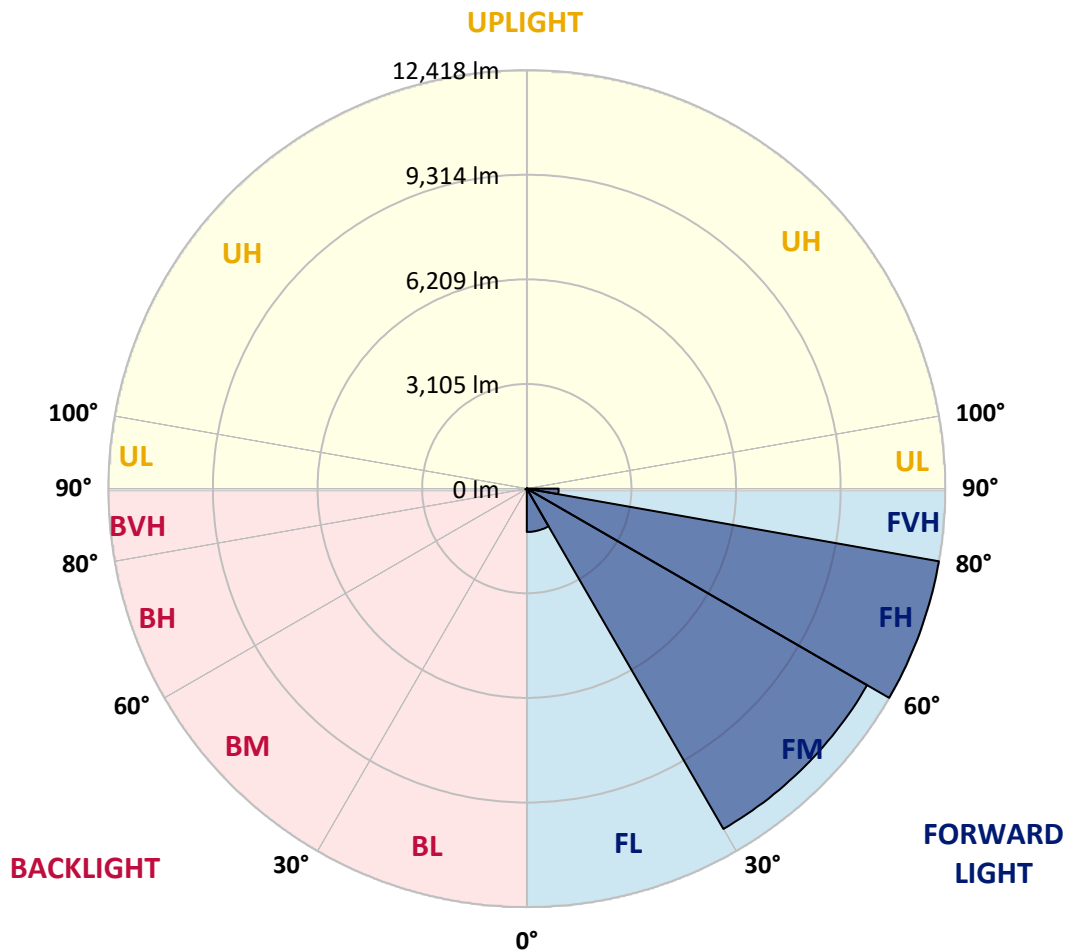
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1286.6	4.9			
FM	(30°-60°)	11660.9	44.2			
FH	(60°-80°)	12418.2	47.0			G5
FVH	(80°-90°)	945.3	3.6			G5
BL	(0°-30°)	22.7	0.1	B0/110		
BM	(30°-60°)	21.7	0.1	B0/220		
BH	(60°-80°)	45.1	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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-G5

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8
2.5°	166.2	166.2	166.2	160.9	160.9	159.1	157.3	157.3	153.7	151.9	148.4
5°	252.0	246.7	234.2	227.0	212.7	203.8	194.8	182.3	169.8	160.9	150.1
7.5°	570.2	582.7	541.6	464.7	386.1	352.1	294.9	237.7	196.6	169.8	151.9
10°	1453.2	1446.1	1306.6	1152.9	890.2	784.7	614.9	387.9	253.8	185.9	153.7
12.5°	2472.1	2464.9	2300.5	2091.3	1744.6	1524.7	1203.0	723.9	364.6	210.9	153.7
15°	3328.3	3299.7	3247.8	3040.5	2634.7	2450.6	2025.2	1279.8	589.9	253.8	157.3
17.5°	3894.9	3869.9	3821.6	3746.5	3489.1	3271.1	2929.7	2010.9	954.5	328.9	164.4
20°	4415.0	4397.2	4357.8	4343.5	4177.3	4061.1	3778.7	2851.0	1487.2	446.9	175.2
22.5°	5130.0	5092.5	5108.6	5022.8	4860.1	4720.7	4547.3	3730.4	2137.8	643.5	194.8
25°	6005.9	5988.0	5943.3	5882.6	5657.3	5535.8	5269.5	4559.8	2865.3	900.9	216.3
27.5°	7064.1	7044.4	7033.7	6894.3	6635.1	6502.8	6131.0	5342.7	3684.0	1262.0	244.9
30°	8283.1	8292.1	8222.3	8043.6	7741.5	7555.6	7173.1	6163.2	4522.3	1685.6	275.3
32.5°	9545.1	9527.2	9420.0	9209.0	8939.1	8765.7	8279.5	7062.3	5401.7	2245.1	311.0
35°	10905.3	10871.4	10589.0	10347.6	10117.1	9899.0	9455.7	8106.2	6281.2	2872.5	359.3
37.5°	12278.1	12119.0	11552.4	11246.7	11087.7	10908.9	10496.0	9219.8	7155.2	3573.1	418.3
40°	13314.8	13191.5	12519.4	11956.4	11829.5	11677.5	11370.1	10181.4	8084.7	4325.7	489.8
42.5°	13888.6	13820.7	13216.5	12660.6	12362.1	12228.1	11965.3	11021.5	9003.5	5156.8	593.4
45°	14133.5	14028.0	13624.1	13364.9	12889.4	12667.8	12355.0	11656.1	9963.3	6100.6	738.2
47.5°	14058.4	13997.7	13708.1	13802.8	13457.8	13112.9	12653.5	12142.3	10783.8	7183.8	936.6
50°	13586.5	13534.7	13445.3	13958.3	13915.4	13507.9	13039.6	12526.6	11454.1	8301.0	1244.1
52.5°	12689.2	12667.8	12896.6	13836.8	14174.6	13856.4	13411.4	12866.2	12079.7	9468.2	1683.8
55°	11532.7	11620.3	12274.5	13647.3	14306.9	14113.8	13740.3	13184.4	12582.0	10512.1	2332.6
57.5°	11057.3	11080.5	11897.4	13513.2	14365.9	14340.8	14060.2	13488.2	13043.1	11346.8	3322.9
60°	11613.2	11577.4	12008.2	13615.1	14483.8	14544.6	14344.4	13770.6	13443.5	12063.6	4642.1
62.5°	12617.7	12598.1	12735.7	14049.5	14828.8	14952.2	14739.5	13974.4	13797.5	12535.5	6147.1
65°	13515.0	13473.9	13729.5	14819.9	15434.8	15522.4	15336.5	14323.0	13953.0	12878.7	7561.0
67.5°	13902.9	13894.0	14305.1	15552.7	16071.1	16165.9	16003.2	14803.8	13917.2	12987.7	8184.8
70°	13726.0	13692.0	14349.8	15863.8	16430.4	16537.6	16380.3	14982.5	13529.3	12642.8	7260.7
71°	13531.1	13440.0	14215.7	15842.3	16480.4	16571.6	16296.3	14819.9	13139.7	12153.0	6422.4
72.5°	12927.0	12943.0	13847.5	15618.9	16360.7	16333.9	15820.9	14237.2	12669.6	11041.2	5158.6
75°	11439.8	11534.5	12655.3	14680.5	15291.8	14950.4	14165.7	13123.6	11725.8	7916.7	3582.1
77.5°	9348.5	9489.7	10721.2	12875.1	12701.7	12667.8	12635.6	11563.1	10013.4	4252.4	2491.7
80°	4463.3	4769.0	6467.1	9191.2	9984.8	10369.1	10127.8	9318.1	7743.3	2025.2	1489.0
82.5°	291.4	287.8	407.5	772.2	3255.0	4207.7	6685.1	6660.1	5398.2	986.7	607.7
85°	137.6	141.2	155.5	177.0	205.6	225.2	311.0	1823.2	2582.9	470.1	132.3
87.5°	80.4	82.2	96.5	123.3	160.9	178.7	212.7	273.5	336.0	259.2	28.6
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-SA8A-850-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8	144.8
2.5°	146.6	144.8	139.4	134.1	128.7	125.1	123.3	125.1	125.1	126.9	126.9
5°	146.6	141.2	132.3	121.5	114.4	107.2	103.7	101.9	103.7	103.7	103.7
7.5°	144.8	135.8	123.3	110.8	101.9	92.9	89.4	87.6	87.6	89.4	89.4
10°	141.2	132.3	116.2	101.9	91.2	80.4	75.1	69.7	69.7	69.7	71.5
12.5°	139.4	126.9	107.2	92.9	78.6	66.1	55.4	50.0	51.8	51.8	51.8
15°	135.8	121.5	101.9	84.0	66.1	50.0	41.1	35.7	37.5	39.3	37.5
17.5°	135.8	119.8	94.7	73.3	51.8	37.5	30.4	26.8	26.8	28.6	28.6
20°	135.8	116.2	89.4	62.6	39.3	28.6	21.4	19.7	19.7	23.2	25.0
22.5°	139.4	116.2	82.2	51.8	32.2	21.4	16.1	14.3	16.1	19.7	21.4
25°	144.8	114.4	75.1	46.5	26.8	16.1	12.5	8.9	10.7	14.3	16.1
27.5°	150.1	112.6	67.9	41.1	21.4	12.5	8.9	7.1	5.4	7.1	7.1
30°	155.5	112.6	60.8	34.0	17.9	8.9	5.4	3.6	1.8	0.0	0.0
32.5°	159.1	109.0	55.4	26.8	14.3	7.1	3.6	1.8	0.0	0.0	0.0
35°	162.7	105.5	48.3	21.4	10.7	5.4	1.8	0.0	0.0	0.0	0.0
37.5°	166.2	100.1	41.1	17.9	8.9	3.6	0.0	0.0	0.0	0.0	0.0
40°	169.8	92.9	34.0	16.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	173.4	87.6	28.6	12.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	182.3	84.0	23.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	198.4	80.4	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	221.6	76.9	19.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	253.8	75.1	17.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	311.0	73.3	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	409.3	71.5	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	627.4	67.9	16.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1120.7	66.1	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1953.7	67.9	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2801.0	71.5	12.5	5.4	1.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	2397.0	62.6	12.5	7.1	3.6	1.8	0.0	0.0	0.0	0.0	0.0
71°	1953.7	55.4	12.5	7.1	3.6	1.8	1.8	0.0	0.0	0.0	0.0
72.5°	1256.6	42.9	10.7	7.1	3.6	3.6	1.8	0.0	0.0	0.0	0.0
75°	530.9	35.7	10.7	7.1	5.4	3.6	3.6	1.8	0.0	0.0	0.0
77.5°	227.0	26.8	10.7	8.9	7.1	5.4	5.4	3.6	1.8	0.0	0.0
80°	85.8	21.4	12.5	10.7	8.9	8.9	7.1	3.6	1.8	0.0	0.0
82.5°	39.3	17.9	12.5	10.7	10.7	8.9	7.1	5.4	3.6	0.0	0.0
85°	25.0	16.1	12.5	10.7	10.7	8.9	8.9	5.4	3.6	0.0	0.0
87.5°	19.7	16.1	12.5	12.5	10.7	10.7	7.1	5.4	1.8	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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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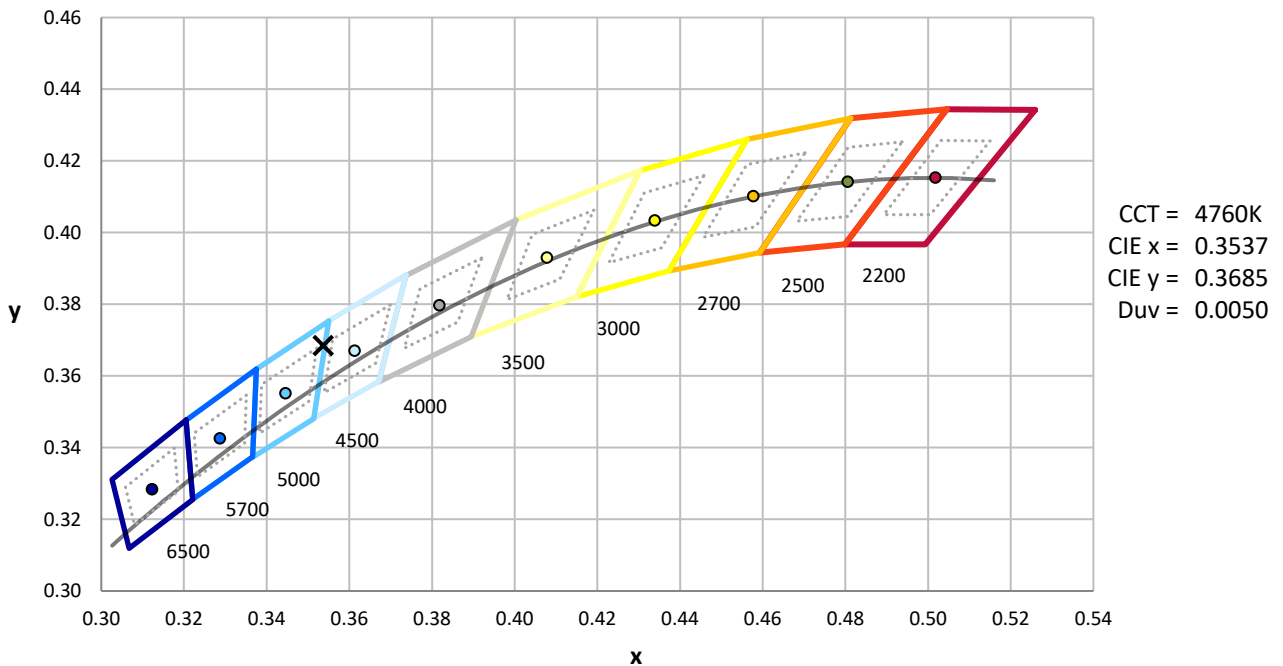
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 5000K 7-step quadrangle

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Photopic Flux vs. Wavelength

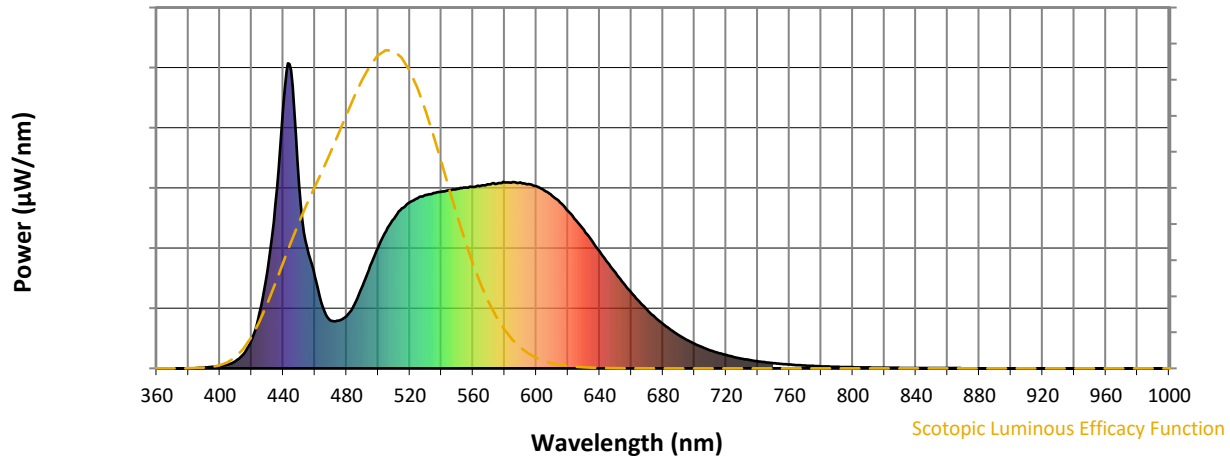


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



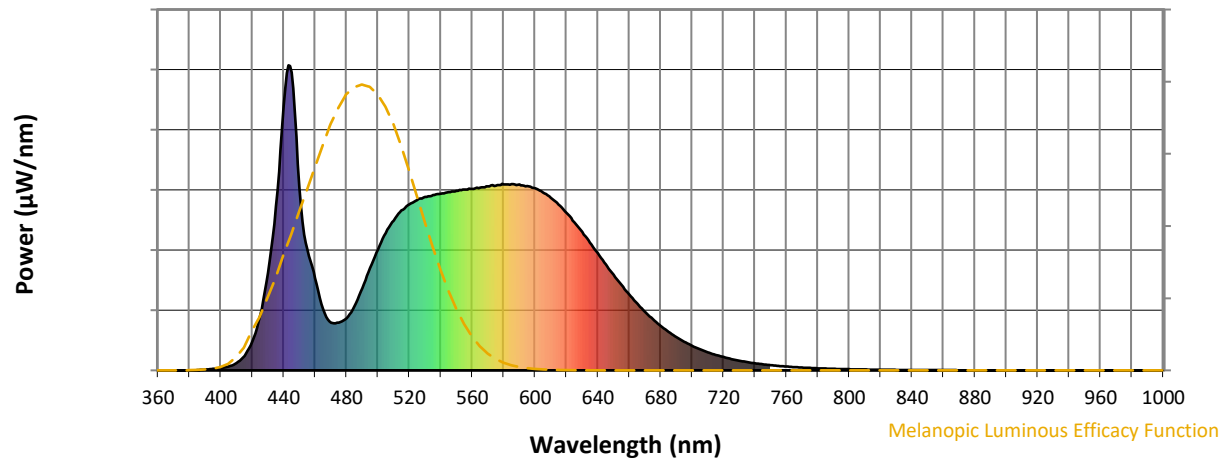
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

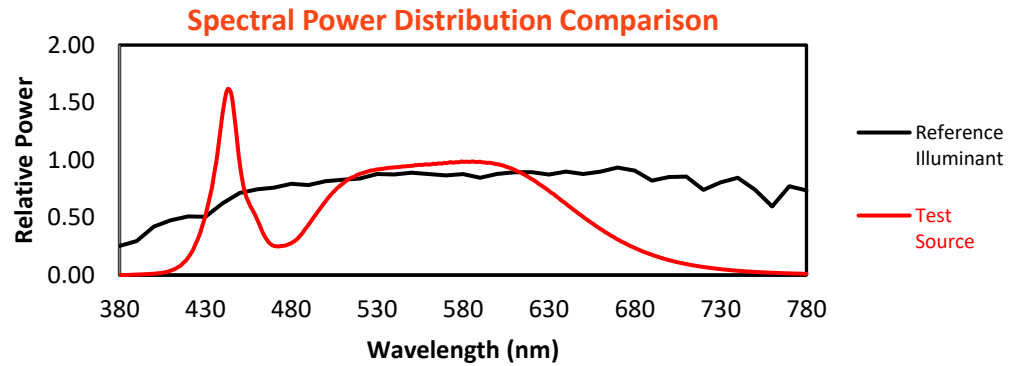
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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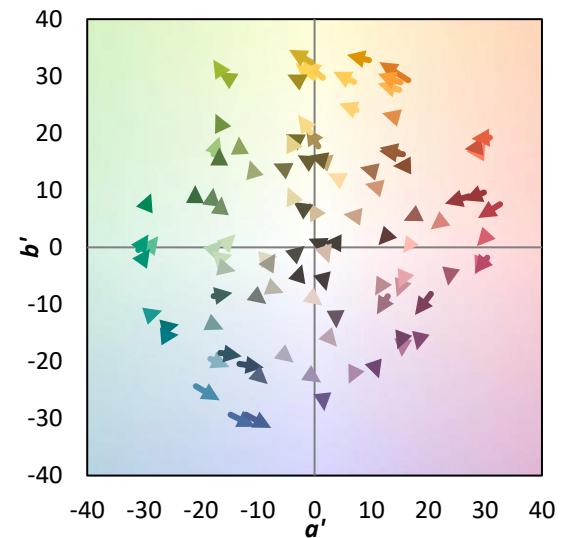
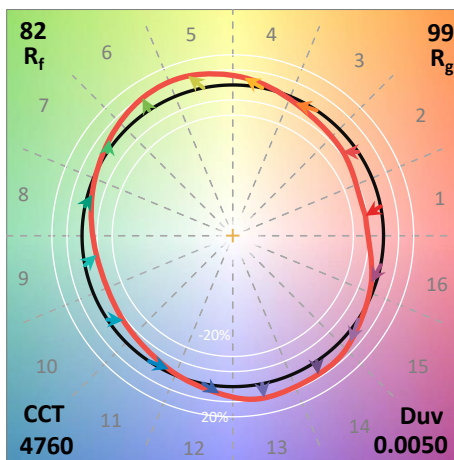
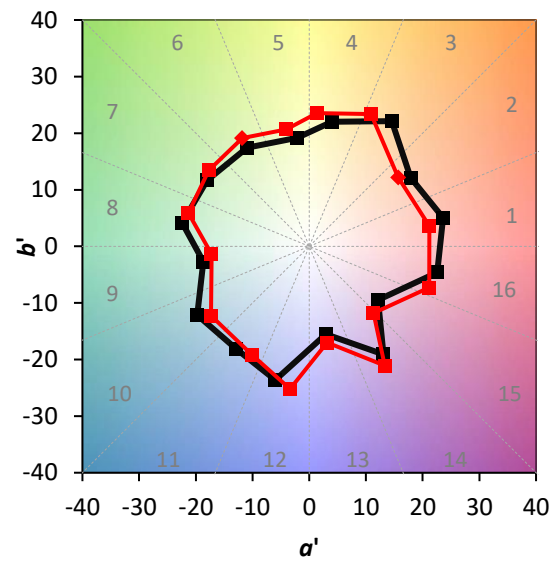
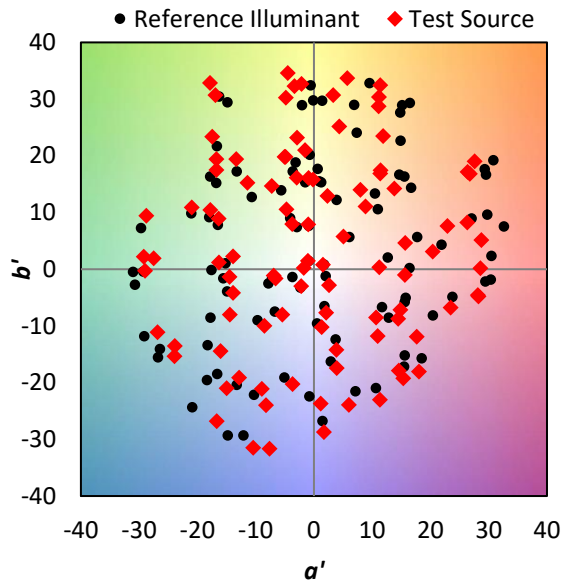
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$



Color Vector Graphics

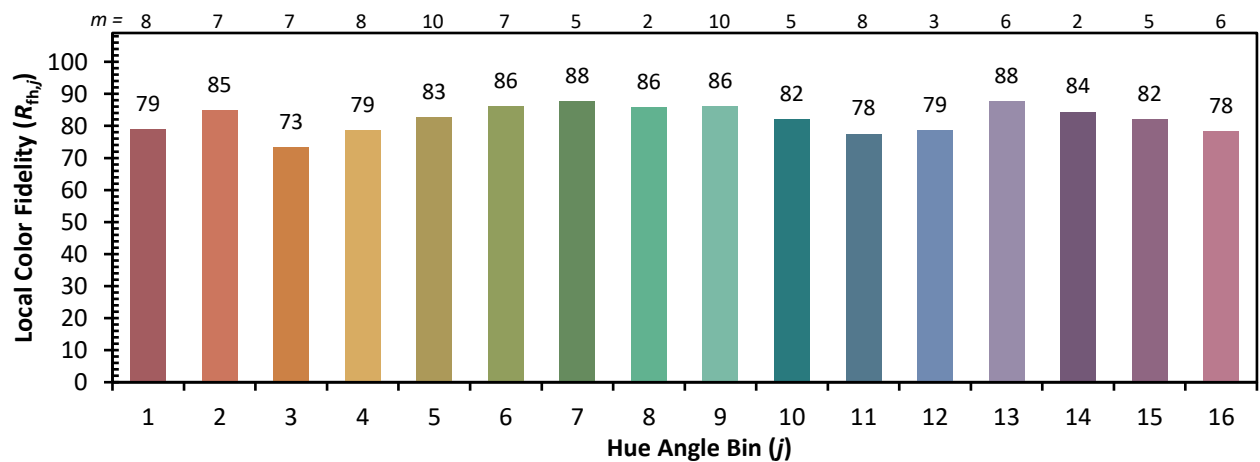
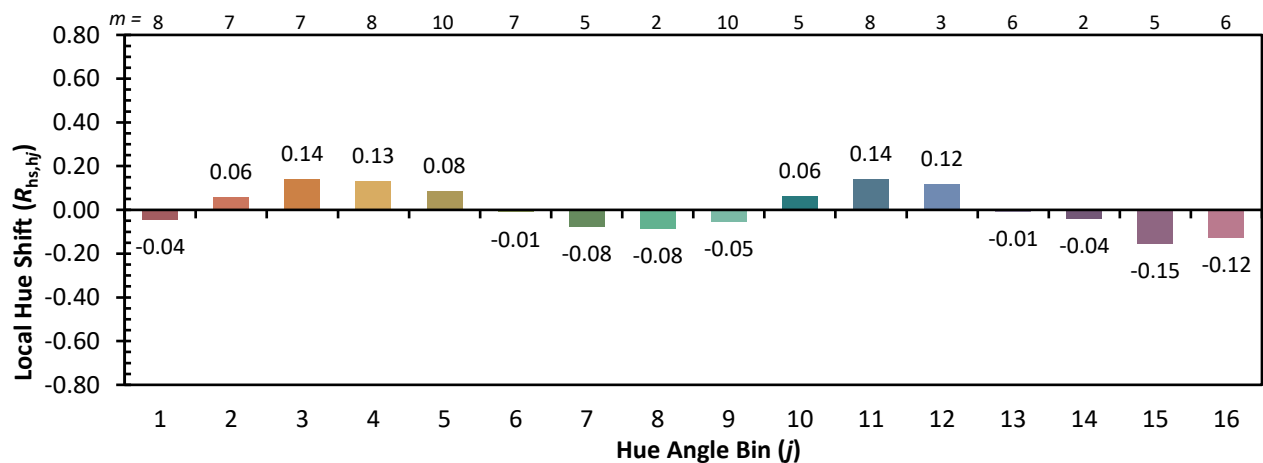


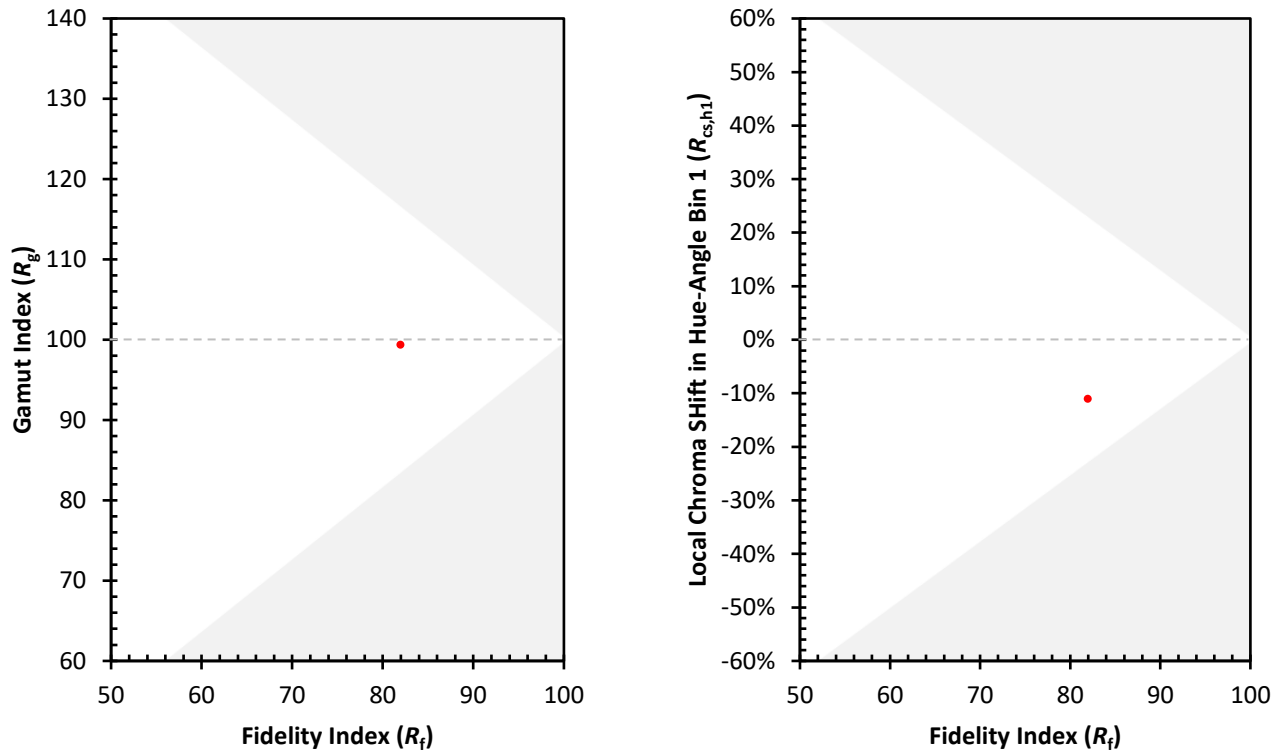
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)