

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: P1048030

Luminaire Tested: **GALN-SA3B-850-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048030
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-850-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 5000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12783.1 lumens
Efficiency: N/A
Efficacy: 120.4 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): 106.2
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

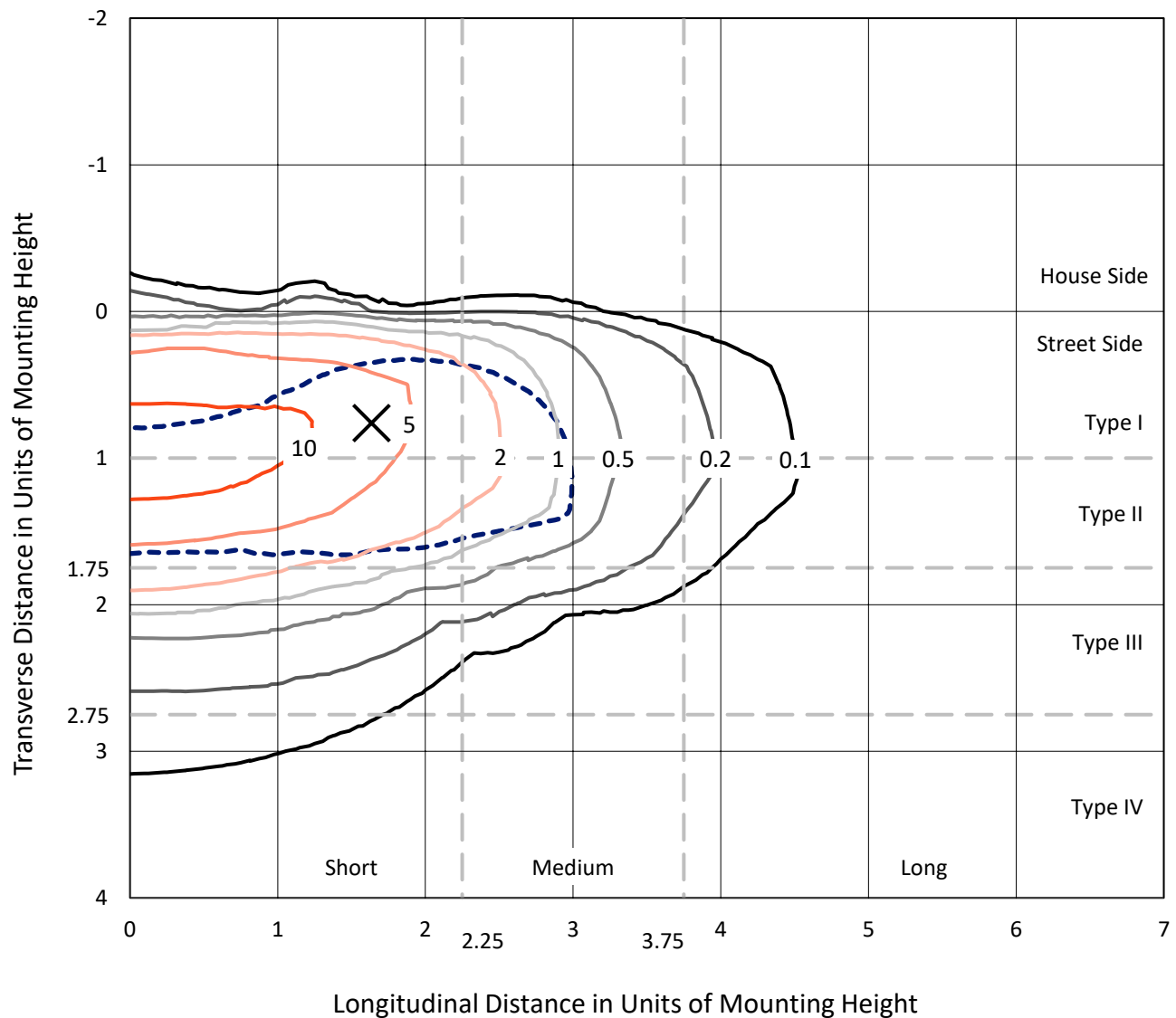


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CATALOG NUMBER: GALN-SA3B-850-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

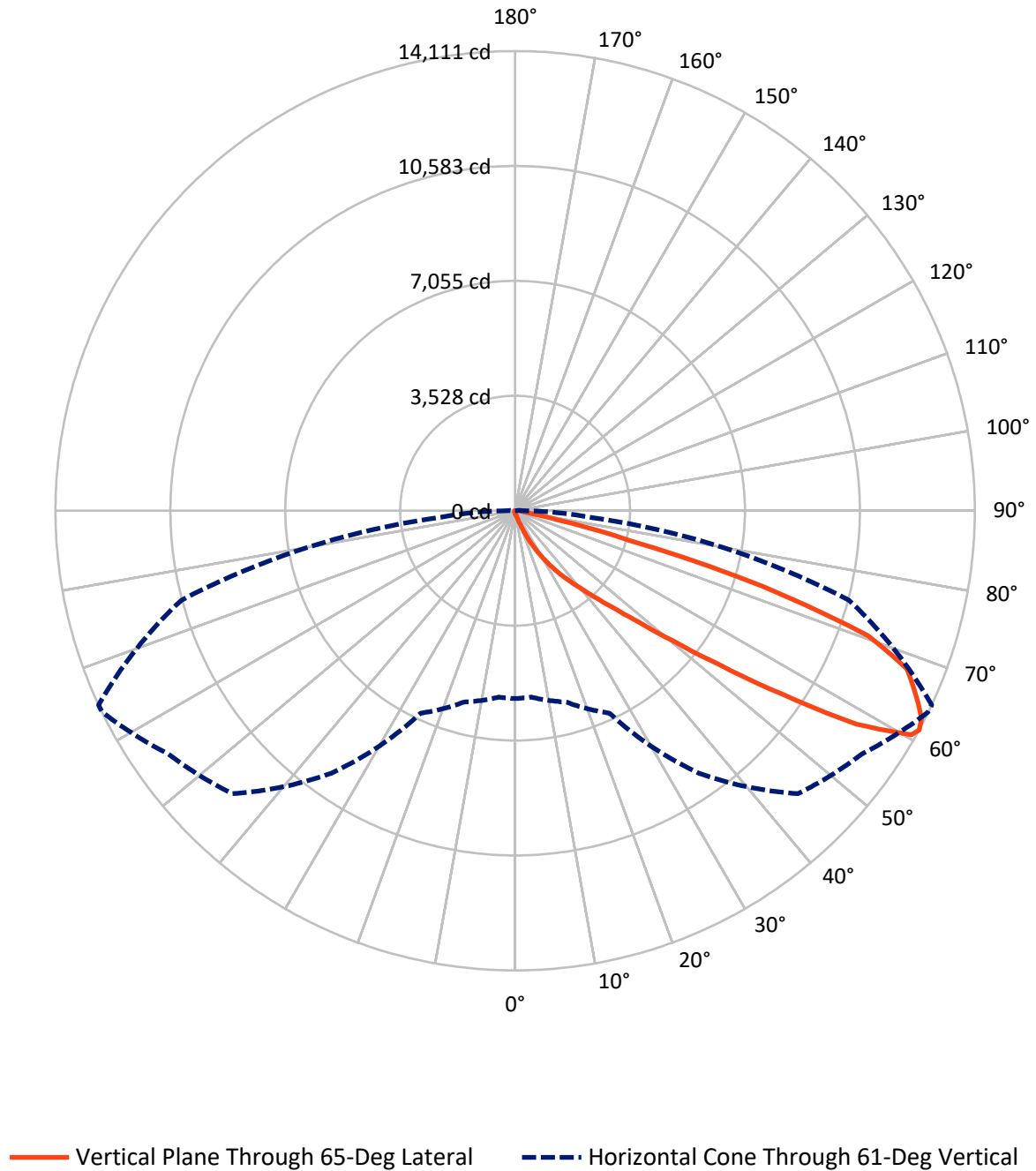


Based on 15 foot mounting height. Maximum calculated value = 16.9 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA3B-850-U-T2BC

Luminous Intensity Polar Plot



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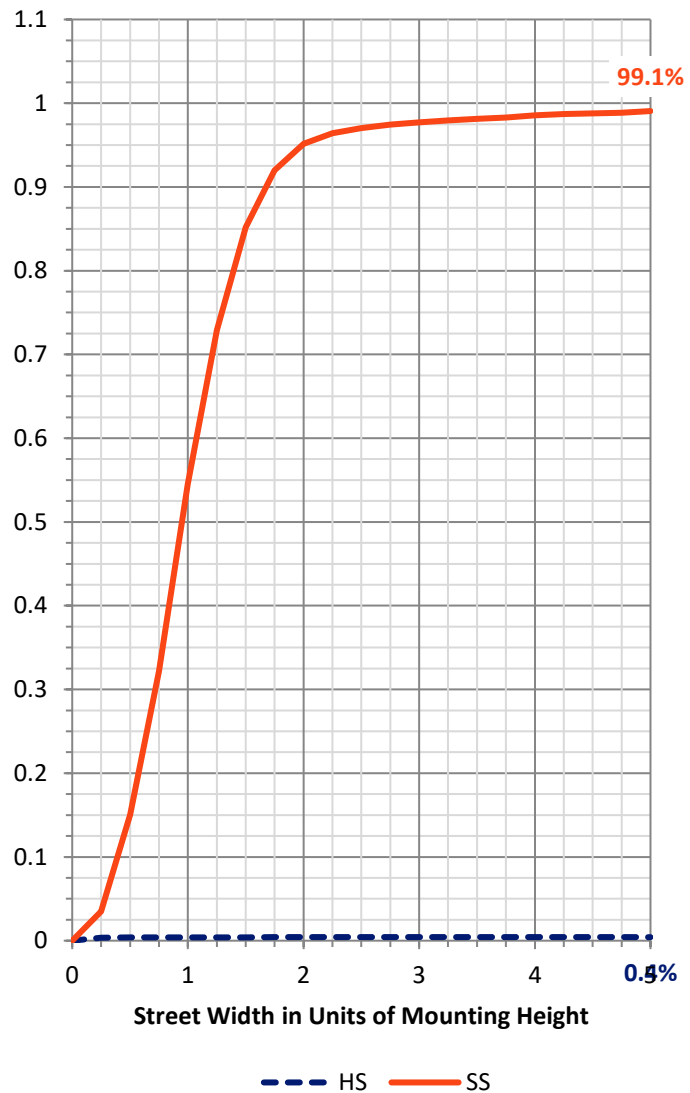
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	54.6	0.0	54.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12728.5	0.0	12728.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	12783.1	0.0	12783.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.1
10°-20°	105.1	0.8
20°-30°	377.2	3.0
30°-40°	1004.4	7.9
40°-50°	2638.5	20.6
50°-60°	4087.5	32.0
60°-70°	3427.3	26.8
70°-80°	1008.6	7.9
80°-90°	124.4	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°	12783.1	100.0
0°-180°	12783.1	100.0



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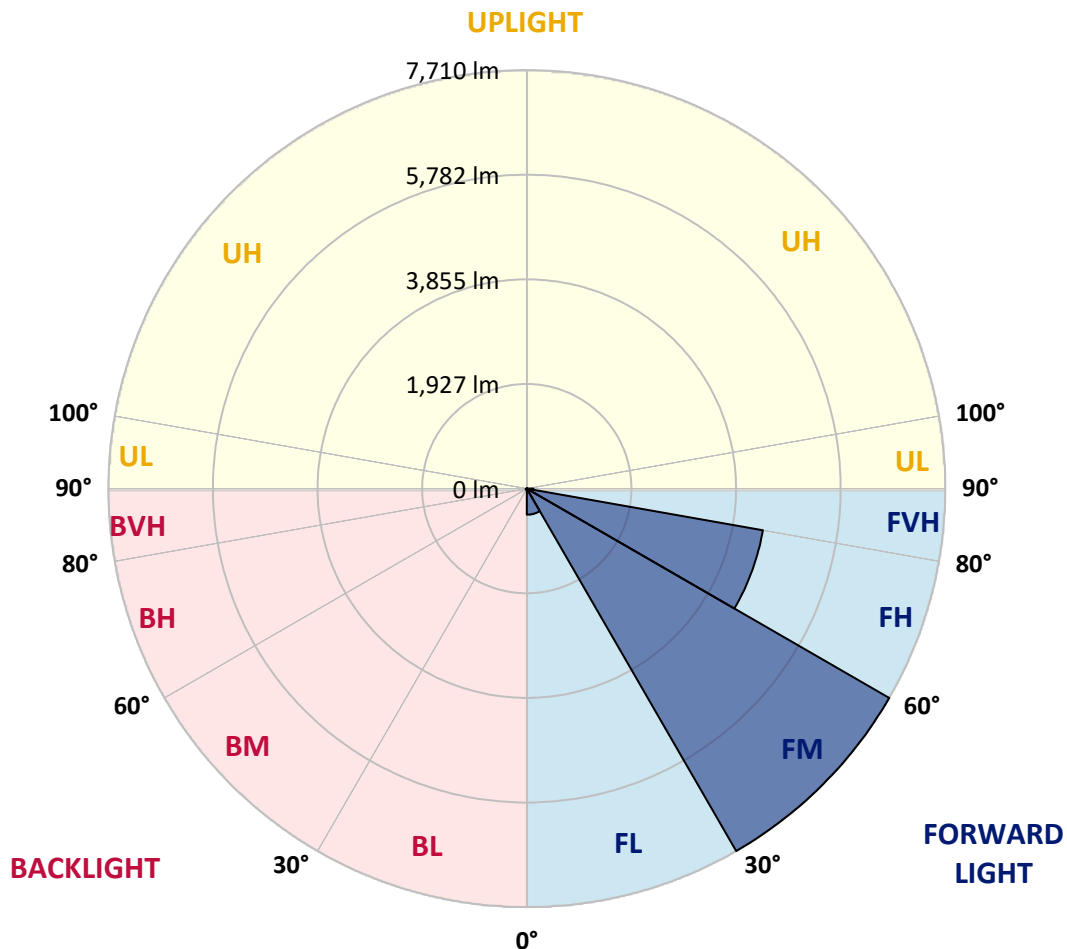
CATALOG NUMBER: GALN-SA3B-850-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	480.1	3.8			
FM	(30°-60°)	7709.6	60.3			
FH	(60°-80°)	4416.7	34.6			G2/5000
FVH	(80°-90°)	122.1	1.0			G2/225
BL	(0°-30°)	12.2	0.1	B0/110		
BM	(30°-60°)	20.8	0.2	B0/220		
BH	(60°-80°)	19.3	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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-G2

Type II Short





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CATALOG NUMBER: GALN-SA3B-850-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
2.5°	95.0	95.8	94.1	90.6	87.9	87.9	87.1	84.4	84.4	81.8	80.0
5°	132.8	131.0	127.5	120.5	114.3	108.2	102.0	95.8	95.0	87.1	81.8
7.5°	217.2	219.0	207.5	185.5	167.1	143.3	121.3	108.2	106.4	93.2	82.7
10°	476.6	463.4	437.0	351.7	289.3	218.1	161.8	125.7	124.0	100.2	84.4
12.5°	868.8	858.2	809.9	721.9	561.0	390.4	236.5	155.6	150.4	106.4	85.3
15°	1252.2	1235.5	1209.1	1120.3	932.1	700.0	386.9	212.8	198.7	115.2	84.4
17.5°	1496.6	1499.3	1475.5	1437.7	1316.4	1035.9	668.3	317.4	290.2	131.0	82.7
20°	1710.3	1704.2	1717.4	1697.1	1611.8	1407.8	972.5	503.0	456.4	156.5	83.5
22.5°	1956.5	1971.5	1981.2	1976.8	1882.7	1708.6	1318.1	752.7	693.8	203.1	86.2
25°	2286.3	2284.5	2285.4	2274.0	2182.5	1989.1	1664.6	1063.1	1003.3	278.8	92.3
27.5°	2631.9	2642.4	2646.8	2605.5	2485.9	2296.0	1985.5	1402.5	1332.2	400.1	100.2
30°	3104.1	3095.3	3075.1	2990.6	2845.5	2609.9	2302.1	1758.7	1684.8	569.8	112.6
32.5°	3740.7	3731.0	3629.0	3442.6	3225.4	2937.0	2620.4	2115.7	2026.0	781.7	129.3
35°	4789.8	4804.7	4554.1	4071.3	3681.8	3330.1	2973.0	2470.9	2391.8	1042.9	152.1
37.5°	6396.3	6314.5	5974.2	5121.3	4282.4	3820.7	3309.8	2829.7	2761.1	1364.7	182.0
40°	7957.1	7876.2	7777.8	6969.6	5326.2	4361.5	3781.2	3250.9	3162.1	1727.9	226.0
42.5°	9598.0	9553.1	9548.7	8939.4	7230.8	5211.8	4348.3	3744.2	3668.6	2126.2	298.1
45°	10760.5	10715.6	10809.7	10916.1	9824.9	7033.8	5335.8	4385.3	4275.3	2609.9	413.3
47.5°	10917.0	10918.8	11170.3	11503.5	11752.4	9852.1	6651.3	5234.7	5101.0	3301.9	606.7
50°	10396.4	10416.7	10816.8	11413.0	12083.0	12216.7	8971.0	6467.5	6269.7	4122.3	881.1
52.5°	9405.4	9428.3	9985.8	10966.2	11778.8	12784.7	11702.3	8080.3	7852.5	5145.9	1268.0
55°	8512.9	8527.0	9166.2	10405.2	11412.1	12476.1	13323.8	10233.8	9934.8	6405.1	1649.6
57.5°	7629.2	7596.6	8012.5	9430.9	11349.6	12097.1	13562.9	12688.0	12358.2	7781.3	1946.9
60°	6447.3	6392.8	6726.9	7629.2	10528.3	12345.9	13115.4	14045.7	13970.9	9697.4	2176.4
61°	5767.6	5744.7	6080.6	6854.5	9837.2	12282.6	13008.1	14102.9	14110.8	10604.0	2279.2
62.5°	4118.8	4183.9	4697.4	5703.4	8239.4	11872.0	13022.1	13926.1	14004.4	11808.7	2545.7
65°	1830.8	1935.4	2334.6	3153.3	4791.5	9875.9	12897.3	13538.3	13499.6	12139.3	3463.7
67.5°	1086.0	1101.8	1300.5	1786.8	2537.8	5312.1	11381.3	13025.7	12973.8	10567.9	4309.6
70°	855.6	863.5	926.8	1121.2	1472.9	2034.8	6495.7	11269.6	11495.6	8569.2	4219.1
72.5°	811.6	809.9	818.7	853.0	927.7	1009.5	2514.9	7491.1	7951.0	6171.2	3537.6
75°	801.1	797.6	788.8	775.6	671.8	594.4	779.1	3313.4	3579.8	4216.4	2663.5
77.5°	777.3	778.2	780.0	743.9	576.0	420.3	377.2	1063.1	1307.6	2675.8	1893.2
80°	525.8	533.8	546.9	532.9	517.9	304.3	266.4	378.1	383.4	1501.9	1250.4
82.5°	266.4	266.4	260.3	232.1	200.5	197.9	211.9	274.4	277.9	759.7	588.3
85°	160.9	169.7	173.2	157.4	144.2	132.8	161.8	218.1	226.0	294.6	137.2
87.5°	36.1	36.9	40.4	53.6	78.3	106.4	150.4	199.6	203.1	189.1	16.7
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048030

CATALOG NUMBER: GALN-SA3B-850-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
2.5°	79.1	77.4	76.5	73.9	71.2	68.6	66.8	66.0	66.8	67.7	67.7
5°	78.3	75.6	71.2	66.8	63.3	59.8	56.3	55.4	55.4	56.3	56.3
7.5°	78.3	73.9	67.7	62.4	57.2	51.9	49.2	47.5	48.4	48.4	48.4
10°	78.3	73.0	65.1	57.2	51.0	44.8	40.4	38.7	38.7	38.7	38.7
12.5°	77.4	72.1	62.4	52.8	44.0	36.9	31.7	29.0	29.9	29.9	29.9
15°	75.6	69.5	58.9	44.8	35.2	28.1	22.9	20.2	21.1	22.9	23.7
17.5°	73.0	66.8	52.8	37.8	28.1	21.1	15.8	14.1	14.9	17.6	17.6
20°	72.1	64.2	46.6	30.8	21.1	14.9	10.6	8.8	9.7	13.2	14.1
22.5°	72.1	62.4	42.2	25.5	15.8	9.7	6.2	3.5	3.5	6.2	6.2
25°	73.0	61.6	38.7	21.1	11.4	7.0	3.5	1.8	3.5	9.7	11.4
27.5°	74.7	60.7	36.9	17.6	8.8	6.2	2.6	6.2	10.6	10.6	10.6
30°	76.5	58.9	34.3	14.9	7.9	4.4	4.4	8.8	8.8	10.6	11.4
32.5°	79.1	58.0	32.5	13.2	6.2	3.5	6.2	5.3	5.3	6.2	7.0
35°	84.4	58.9	30.8	13.2	6.2	4.4	5.3	2.6	1.8	1.8	1.8
37.5°	91.5	59.8	28.1	11.4	5.3	5.3	2.6	0.0	0.0	0.0	0.0
40°	102.9	62.4	26.4	10.6	4.4	4.4	0.9	0.0	0.0	0.0	0.0
42.5°	122.2	67.7	25.5	9.7	4.4	3.5	0.0	0.0	0.0	0.0	0.0
45°	160.9	80.0	23.7	8.8	4.4	1.8	0.0	0.0	0.0	0.0	0.0
47.5°	231.3	109.0	22.9	7.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	337.7	147.7	22.0	6.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	430.9	155.6	14.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	441.4	107.3	11.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	351.7	69.5	9.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	266.4	52.8	8.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	255.9	47.5	8.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	282.3	41.3	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	459.0	34.3	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	797.6	29.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1007.7	28.1	5.3	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	878.5	25.5	5.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	528.5	22.0	5.3	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	277.0	16.7	5.3	4.4	2.6	0.9	0.0	0.0	0.0	0.0	0.0
80°	134.5	14.9	6.2	4.4	3.5	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	52.8	12.3	7.0	6.2	4.4	2.6	0.9	0.0	0.0	0.0	0.0
85°	23.7	10.6	7.9	7.0	6.2	3.5	0.9	0.0	0.0	0.0	0.0
87.5°	12.3	9.7	8.8	7.9	6.2	4.4	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

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

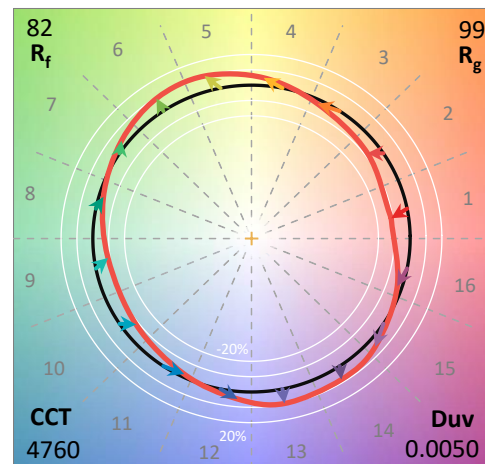
Test Information

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

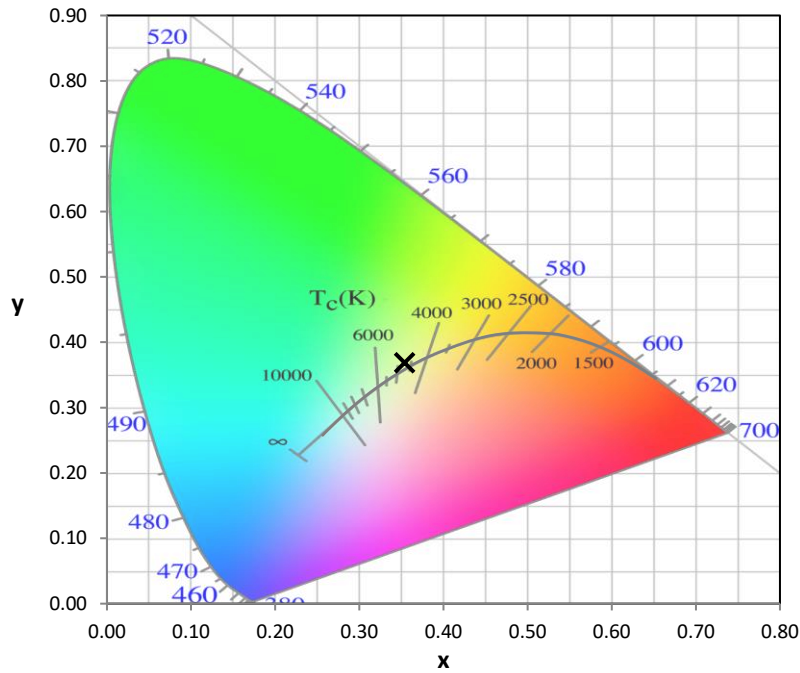
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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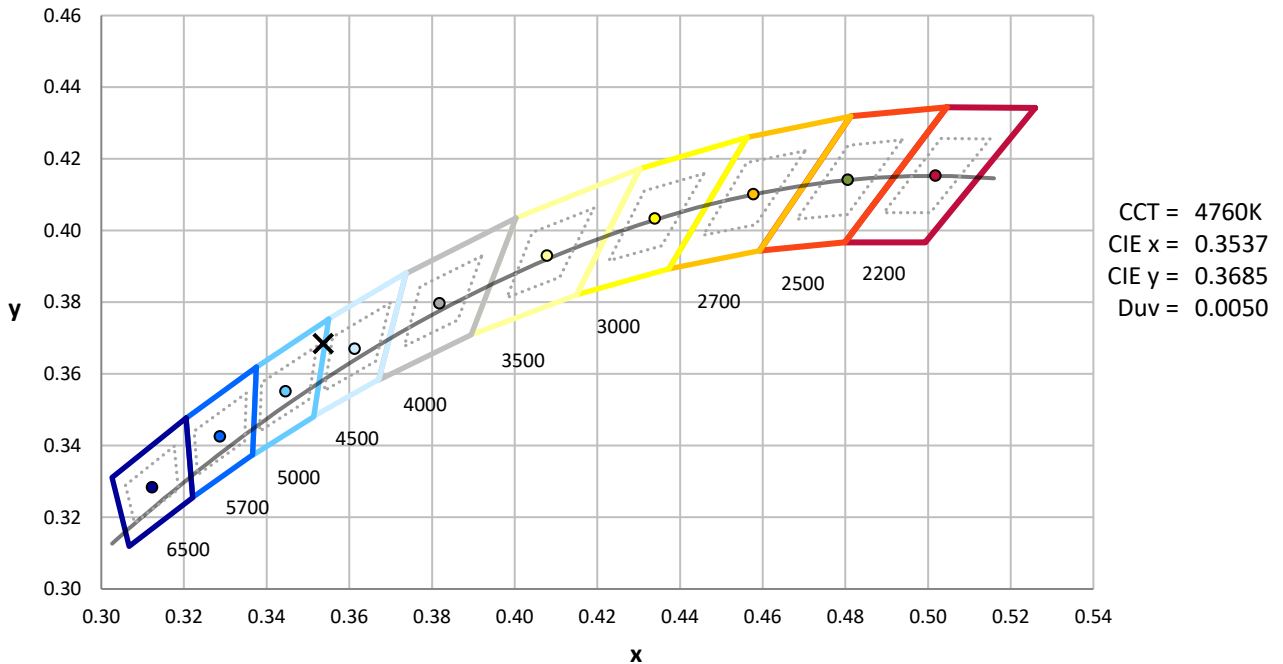
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	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 $\text{W}^\wedge/\text{nm}$	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	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			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



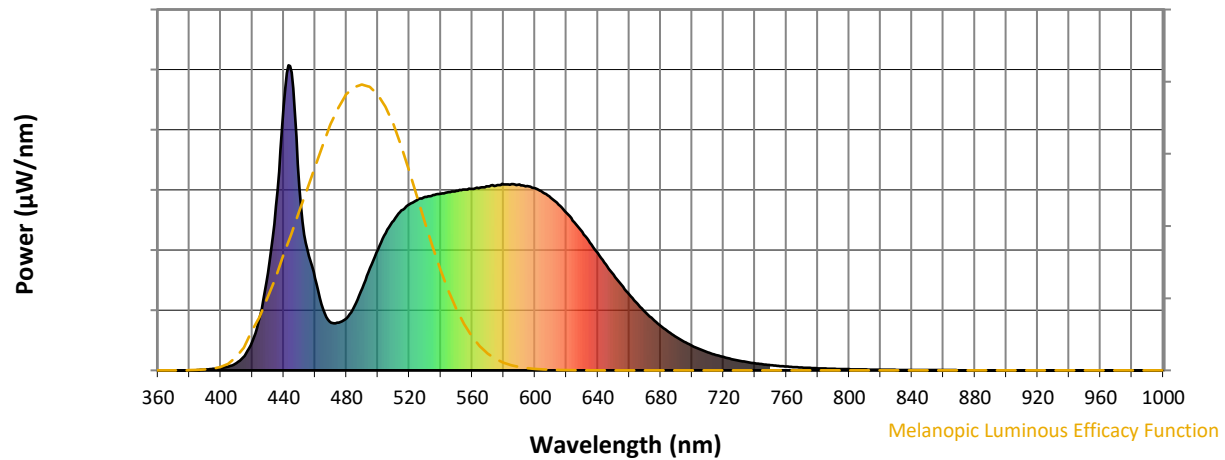
Scotopic Lumens: NR

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 $\text{W}^\wedge/\text{nm}$	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	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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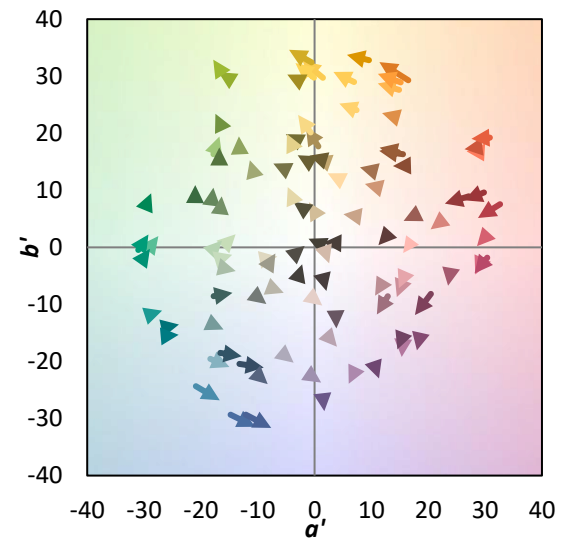
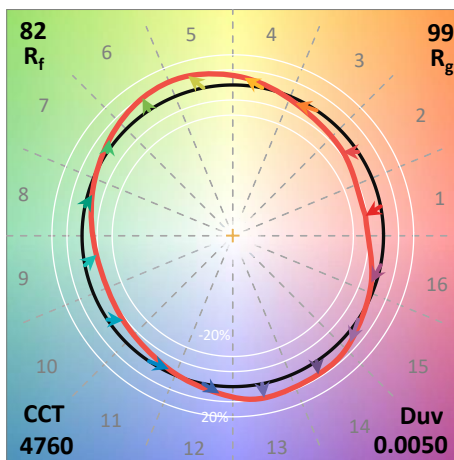
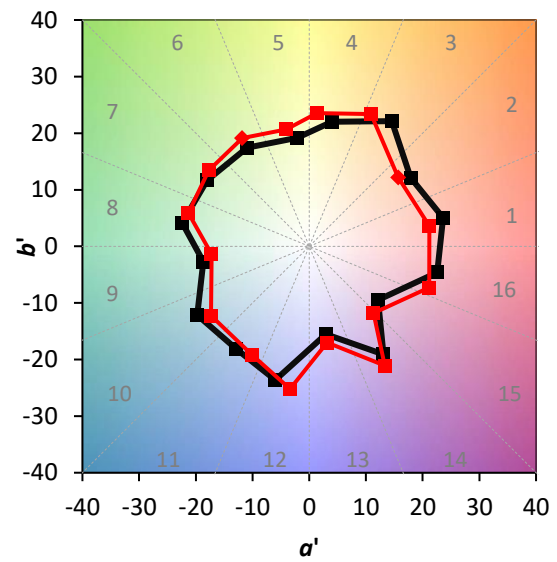
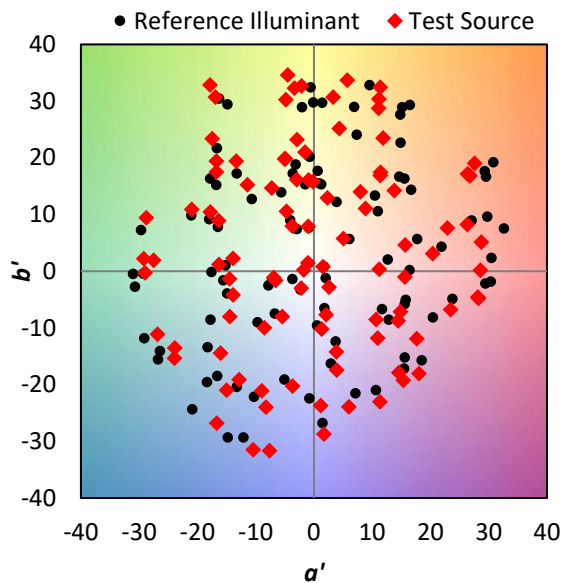
TM-30-18

Summary

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

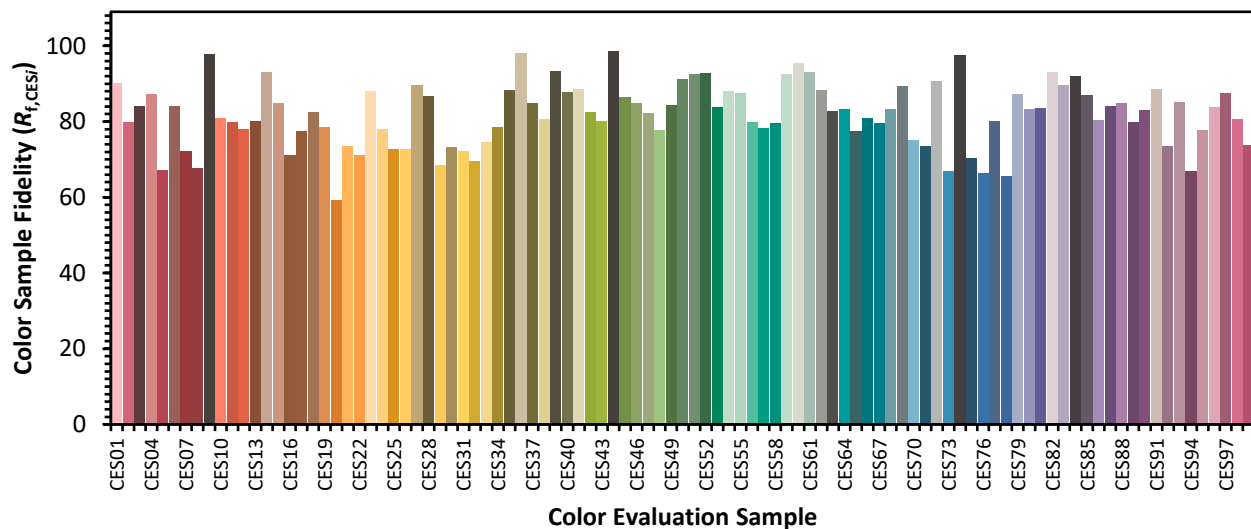


Color Vector Graphics

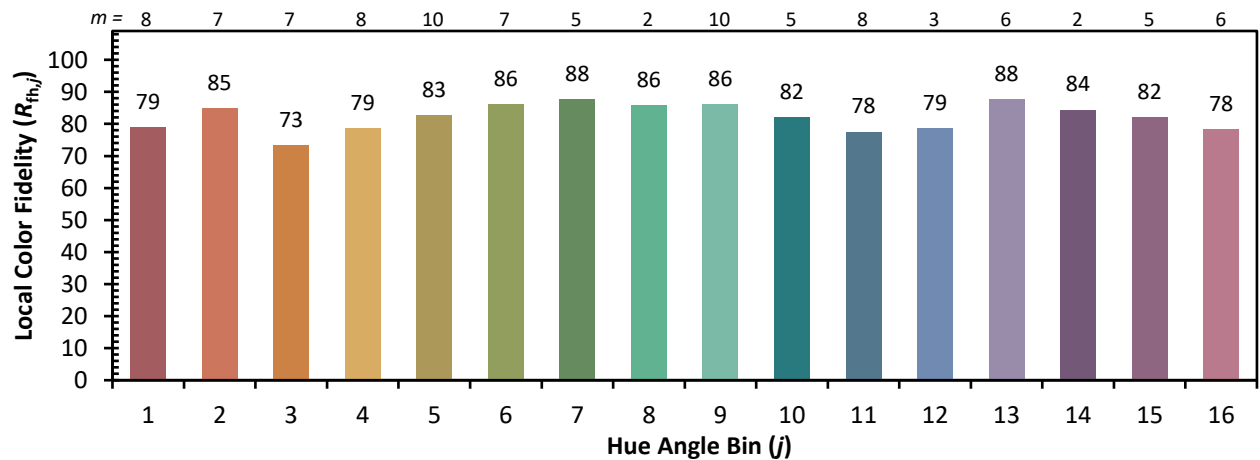


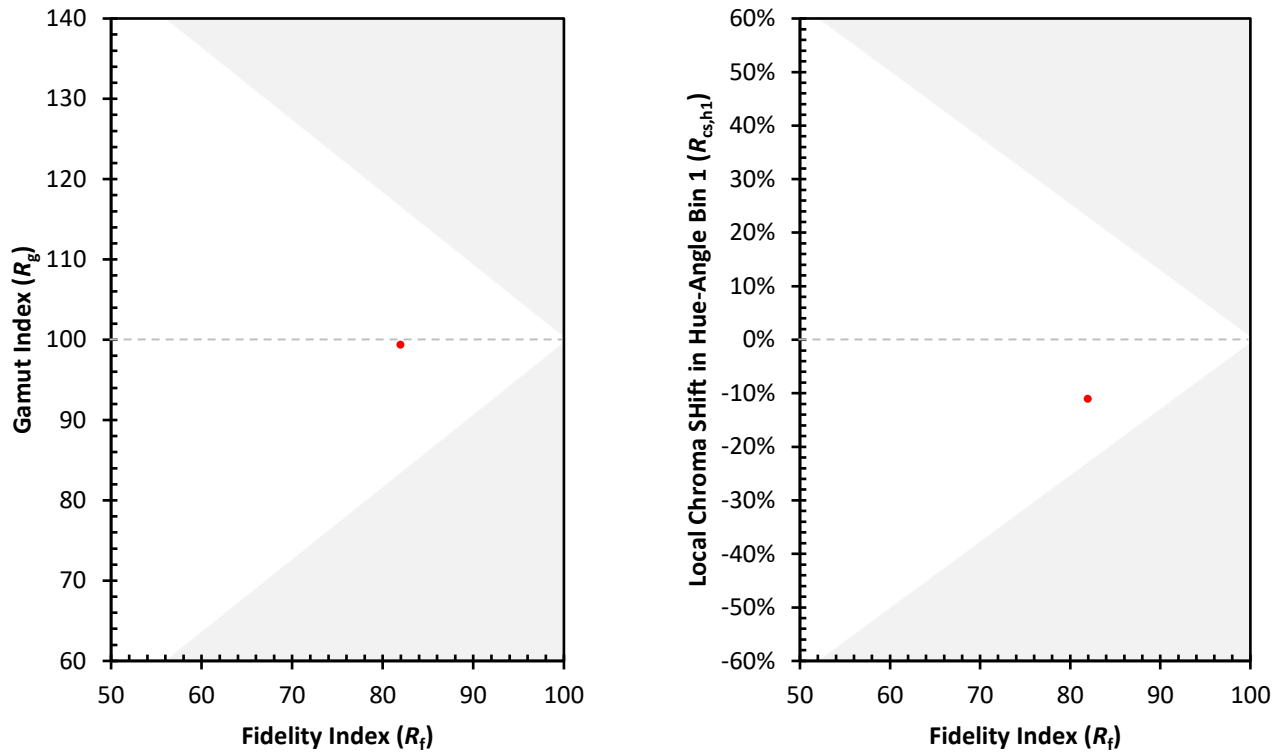
Individual Sample Fidelity Index ($R_{f,i}$)

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)