

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: P1047958

Luminaire Tested: **GALN-SA3B-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047958
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12606.4 lumens
Efficiency: N/A
Efficacy: 118.7 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



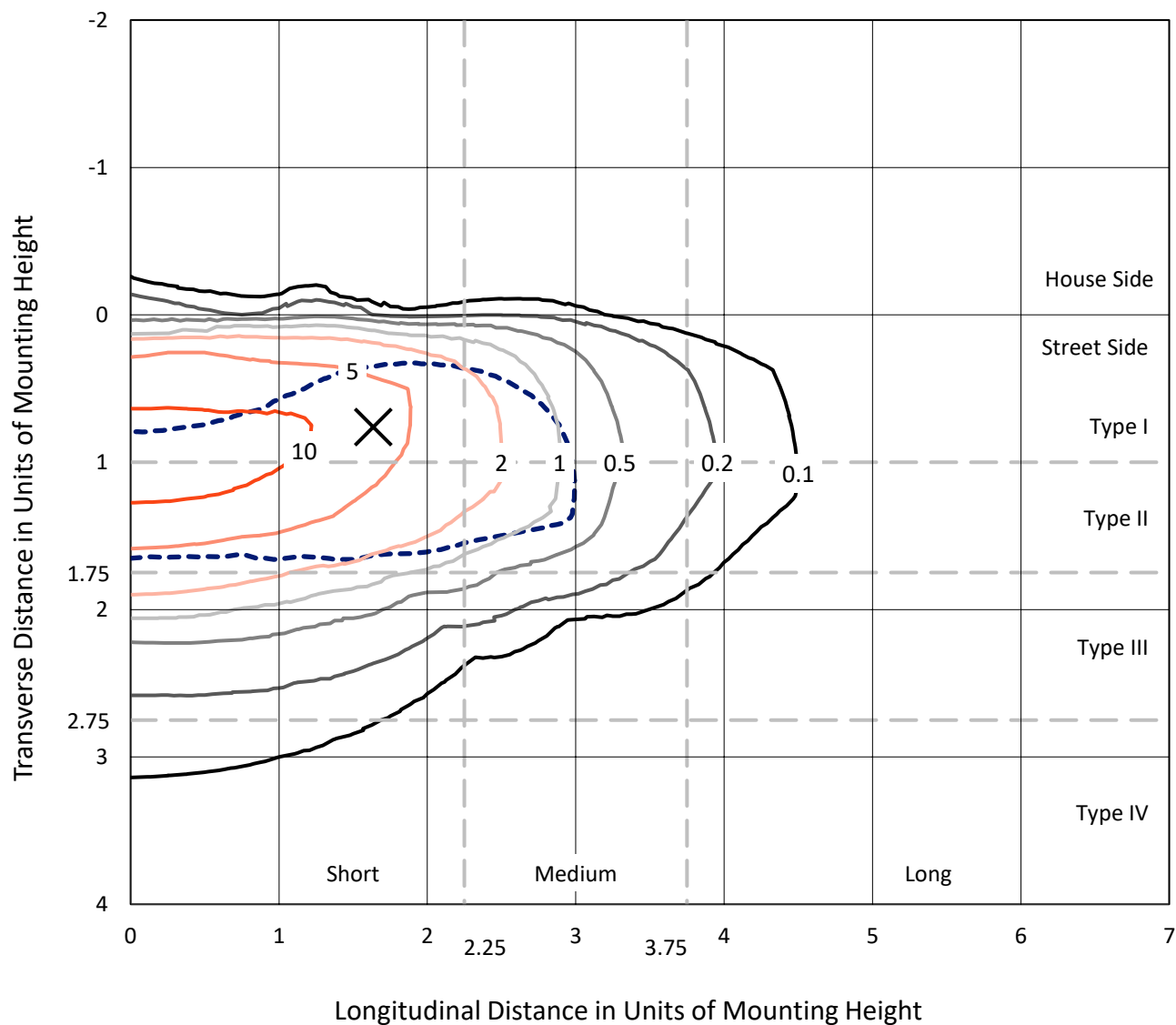
REPORT NUMBER: P1047958

CATALOG NUMBER: GALN-SA3B-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

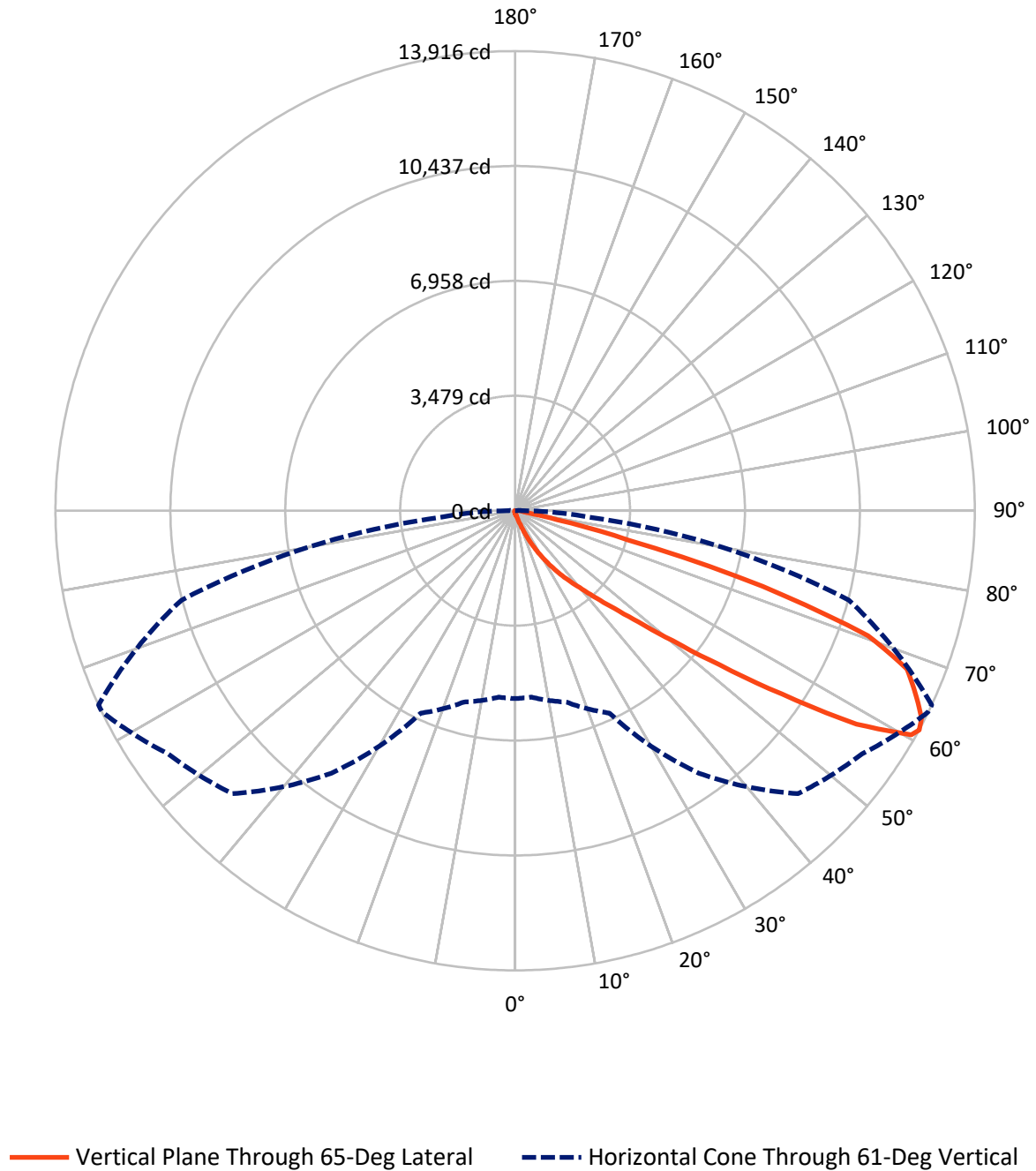


Based on 15 foot mounting height. Maximum calculated value = 16.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.8	0.0	53.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12552.6	0.0	12552.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	12606.4	0.0	12606.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.1
10°-20°	103.7	0.8
20°-30°	372.0	3.0
30°-40°	990.5	7.9
40°-50°	2602.0	20.6
50°-60°	4031.0	32.0
60°-70°	3380.0	26.8
70°-80°	994.7	7.9
80°-90°	122.7	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°	12606.4	100.0
0°-180°	12606.4	100.0



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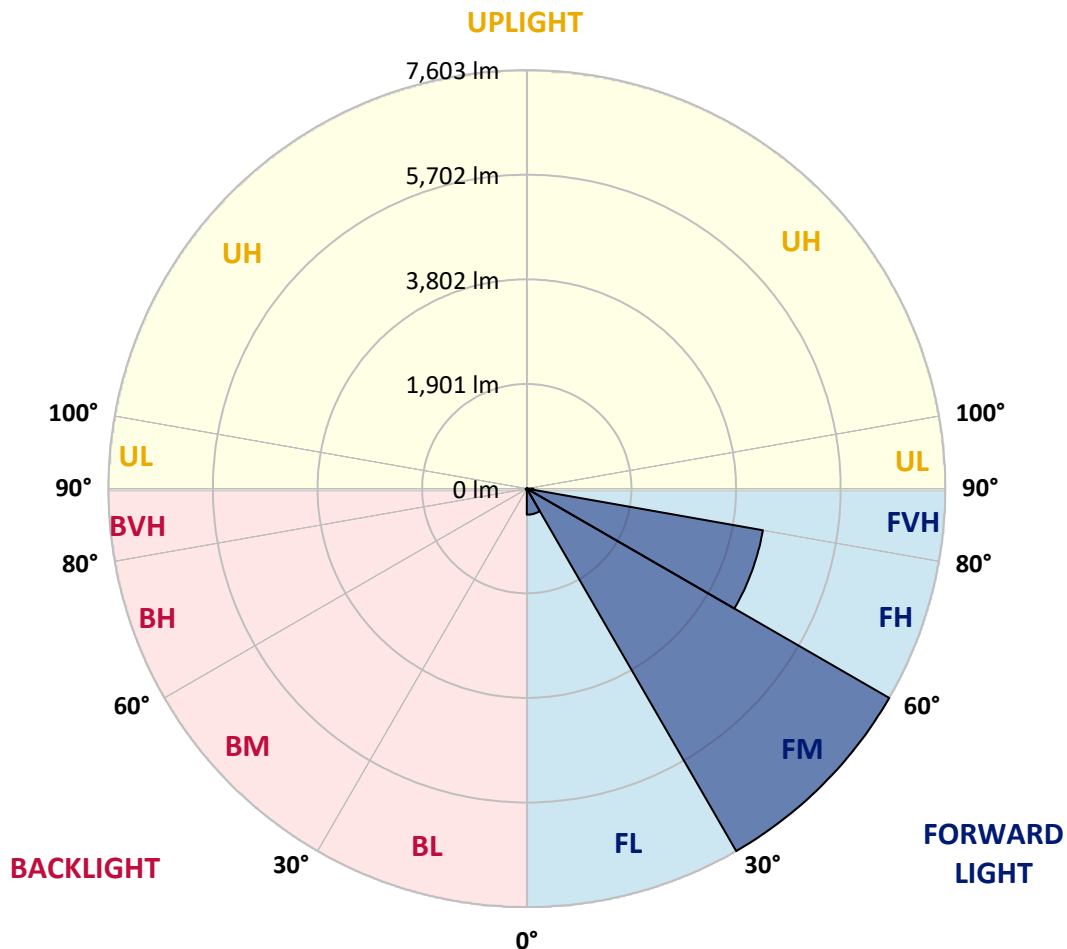
CATALOG NUMBER: GALN-SA3B-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	473.4	3.8			
FM	(30°-60°)	7603.1	60.3			
FH	(60°-80°)	4355.6	34.6			G2/5000
FVH	(80°-90°)	120.4	1.0			G2/225
BL	(0°-30°)	12.1	0.1	B0/110		
BM	(30°-60°)	20.5	0.2	B0/220		
BH	(60°-80°)	19.0	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2.5°	93.7	94.5	92.8	89.3	86.7	86.7	85.9	83.2	83.2	80.6	78.9
5°	130.9	129.2	125.7	118.8	112.7	106.7	100.6	94.5	93.7	85.9	80.6
7.5°	214.2	215.9	204.7	183.0	164.8	141.4	119.7	106.7	104.9	91.9	81.5
10°	470.0	457.0	431.0	346.9	285.3	215.1	159.6	124.0	122.3	98.9	83.2
12.5°	856.8	846.4	798.7	712.0	553.3	385.0	233.3	153.5	148.3	104.9	84.1
15°	1234.9	1218.4	1192.4	1104.8	919.2	690.3	381.6	209.9	196.0	113.6	83.2
17.5°	1475.9	1478.5	1455.1	1417.8	1298.2	1021.5	659.1	313.1	286.2	129.2	81.5
20°	1686.7	1680.6	1693.6	1673.7	1589.5	1388.4	959.1	496.0	450.1	154.4	82.4
22.5°	1929.5	1944.2	1953.8	1949.4	1856.6	1684.9	1299.9	742.3	684.2	200.3	85.0
25°	2254.7	2252.9	2253.8	2242.5	2152.3	1961.6	1641.6	1048.4	989.5	274.9	91.1
27.5°	2595.5	2605.9	2610.2	2569.5	2451.5	2264.2	1958.1	1383.2	1313.8	394.6	98.9
30°	3061.2	3052.5	3032.5	2949.3	2806.2	2573.8	2270.3	1734.4	1661.5	561.9	111.0
32.5°	3689.0	3679.5	3578.9	3395.0	3180.8	2896.4	2584.2	2086.4	1998.0	770.9	127.5
35°	4723.5	4738.3	4491.1	4015.1	3630.9	3284.0	2931.9	2436.8	2358.7	1028.5	150.0
37.5°	6307.9	6227.2	5891.6	5050.5	4223.2	3767.9	3264.1	2790.6	2723.0	1345.9	179.5
40°	7847.1	7767.4	7670.2	6873.3	5252.5	4301.2	3728.9	3206.0	3118.4	1704.0	222.9
42.5°	9465.3	9421.1	9416.7	8815.8	7130.8	5139.8	4288.2	3692.5	3617.9	2096.8	294.0
45°	10611.7	10567.5	10660.3	10765.2	9689.0	6936.6	5262.1	4324.6	4216.2	2573.8	407.6
47.5°	10766.1	10767.8	11015.8	11344.5	11589.9	9715.9	6559.4	5162.3	5030.5	3256.3	598.4
50°	10252.7	10272.6	10667.2	11255.2	11916.0	12047.8	8847.0	6378.1	6183.0	4065.4	868.9
52.5°	9275.4	9297.9	9847.7	10814.6	11615.9	12608.0	11540.5	7968.5	7743.9	5074.8	1250.5
55°	8395.2	8409.1	9039.5	10261.4	11254.3	12303.6	13139.6	10092.3	9797.4	6316.6	1626.8
57.5°	7523.7	7491.6	7901.8	9300.5	11192.7	11929.8	13375.4	12512.6	12187.4	7673.7	1919.9
60°	6358.2	6304.4	6633.9	7523.7	10382.8	12175.2	12934.0	13851.5	13777.8	9563.3	2146.3
61°	5687.9	5665.3	5996.6	6759.7	9701.2	12112.8	12828.2	13907.9	13915.7	10457.4	2247.7
62.5°	4061.9	4126.1	4632.5	5624.5	8125.5	11707.8	12842.1	13733.6	13810.8	11645.4	2510.5
65°	1805.5	1908.7	2302.4	3109.7	4725.3	9739.3	12719.0	13351.1	13313.0	11971.5	3415.8
67.5°	1071.0	1086.6	1282.6	1762.1	2502.7	5238.7	11223.9	12845.6	12794.4	10421.8	4250.1
70°	843.8	851.6	914.0	1105.7	1452.5	2006.7	6405.9	11113.8	11336.7	8450.7	4160.7
72.5°	800.4	798.7	807.3	841.2	914.9	995.5	2480.1	7387.5	7841.1	6085.9	3488.7
75°	790.0	786.5	777.9	764.9	662.5	586.2	768.3	3267.5	3530.3	4158.1	2626.7
77.5°	766.6	767.5	769.2	733.6	568.0	414.5	372.0	1048.4	1289.5	2638.8	1867.0
80°	518.6	526.4	539.4	525.5	510.8	300.0	262.8	372.9	378.1	1481.1	1233.1
82.5°	262.8	262.8	256.7	228.9	197.7	195.1	209.0	270.6	274.0	749.2	580.1
85°	158.7	167.4	170.8	155.2	142.2	130.9	159.6	215.1	222.9	290.5	135.3
87.5°	35.6	36.4	39.9	52.9	77.2	104.9	148.3	196.9	200.3	186.4	16.5
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-SA3B-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
2.5°	78.0	76.3	75.4	72.8	70.2	67.6	65.9	65.0	65.9	66.8	66.8
5°	77.2	74.6	70.2	65.9	62.4	59.0	55.5	54.6	54.6	55.5	55.5
7.5°	77.2	72.8	66.8	61.6	56.4	51.2	48.6	46.8	47.7	47.7	47.7
10°	77.2	72.0	64.2	56.4	50.3	44.2	39.9	38.2	38.2	38.2	38.2
12.5°	76.3	71.1	61.6	52.0	43.4	36.4	31.2	28.6	29.5	29.5	29.5
15°	74.6	68.5	58.1	44.2	34.7	27.7	22.5	19.9	20.8	22.5	23.4
17.5°	72.0	65.9	52.0	37.3	27.7	20.8	15.6	13.9	14.7	17.3	17.3
20°	71.1	63.3	46.0	30.4	20.8	14.7	10.4	8.7	9.5	13.0	13.9
22.5°	71.1	61.6	41.6	25.1	15.6	9.5	6.1	3.5	3.5	6.1	6.1
25°	72.0	60.7	38.2	20.8	11.3	6.9	3.5	1.7	3.5	9.5	11.3
27.5°	73.7	59.8	36.4	17.3	8.7	6.1	2.6	6.1	10.4	10.4	10.4
30°	75.4	58.1	33.8	14.7	7.8	4.3	4.3	8.7	8.7	10.4	11.3
32.5°	78.0	57.2	32.1	13.0	6.1	3.5	6.1	5.2	5.2	6.1	6.9
35°	83.2	58.1	30.4	13.0	6.1	4.3	5.2	2.6	1.7	1.7	1.7
37.5°	90.2	59.0	27.7	11.3	5.2	5.2	2.6	0.0	0.0	0.0	0.0
40°	101.5	61.6	26.0	10.4	4.3	4.3	0.9	0.0	0.0	0.0	0.0
42.5°	120.5	66.8	25.1	9.5	4.3	3.5	0.0	0.0	0.0	0.0	0.0
45°	158.7	78.9	23.4	8.7	4.3	1.7	0.0	0.0	0.0	0.0	0.0
47.5°	228.1	107.5	22.5	6.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
50°	333.0	145.7	21.7	6.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	424.9	153.5	14.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	435.3	105.8	11.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	346.9	68.5	9.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	262.8	52.0	8.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	252.4	46.8	8.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	278.4	40.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	452.7	33.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	786.5	29.5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	993.8	27.7	5.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	866.3	25.1	5.2	1.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
75°	521.2	21.7	5.2	3.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	273.2	16.5	5.2	4.3	2.6	0.9	0.0	0.0	0.0	0.0	0.0
80°	132.7	14.7	6.1	4.3	3.5	1.7	0.0	0.0	0.0	0.0	0.0
82.5°	52.0	12.1	6.9	6.1	4.3	2.6	0.9	0.0	0.0	0.0	0.0
85°	23.4	10.4	7.8	6.9	6.1	3.5	0.9	0.0	0.0	0.0	0.0
87.5°	12.1	9.5	8.7	7.8	6.1	4.3	1.7	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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

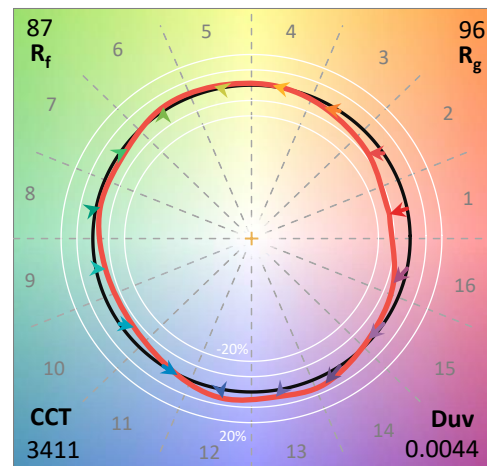
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 Rf: 86.6
 Rg: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

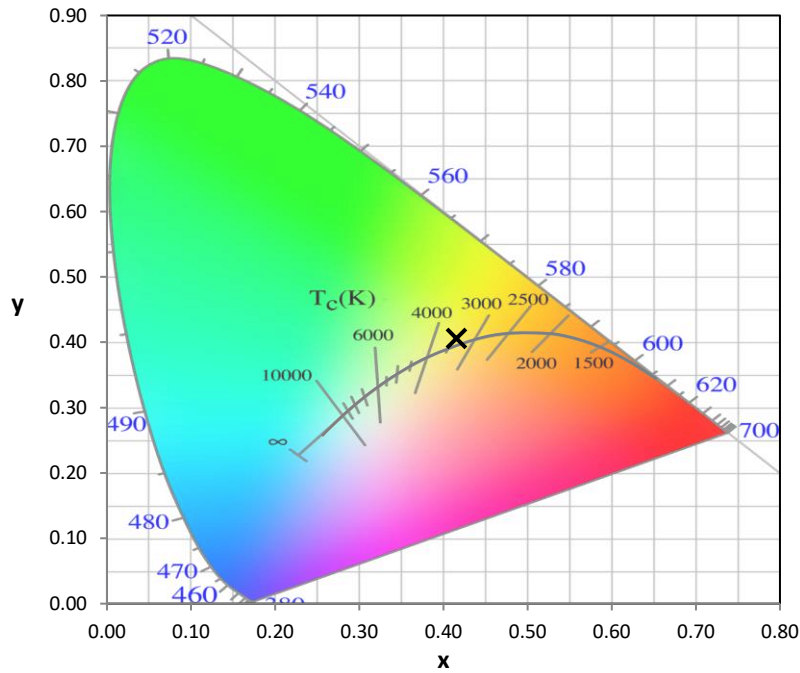
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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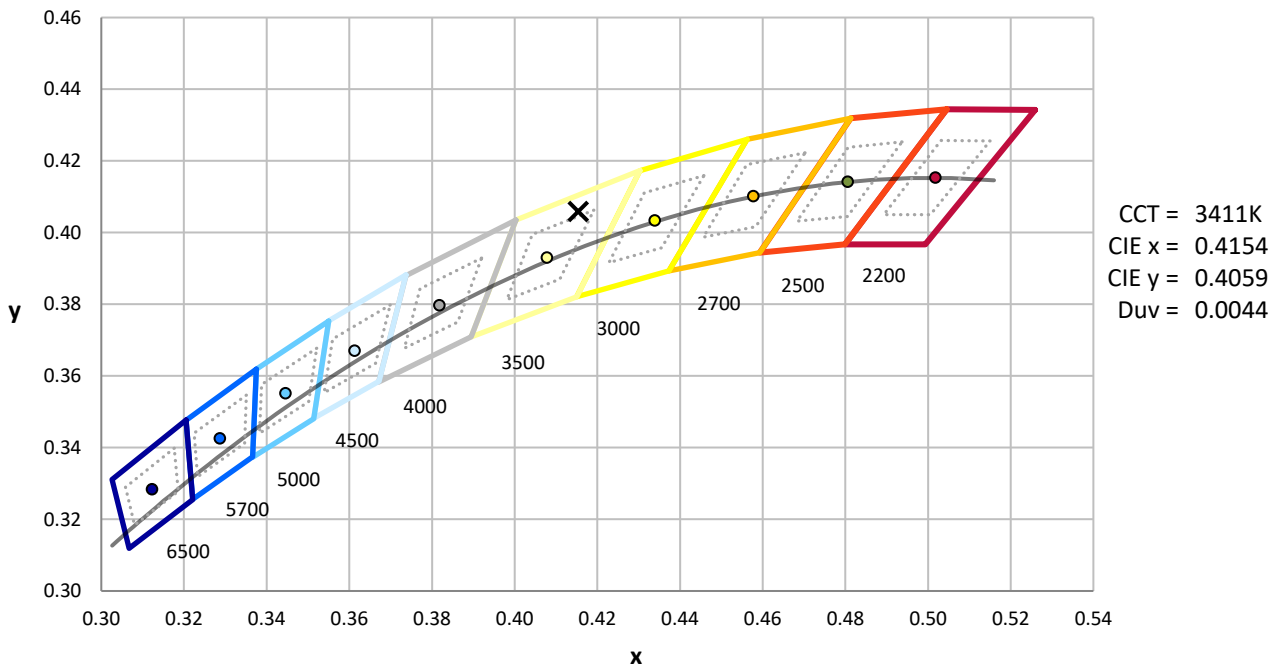
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



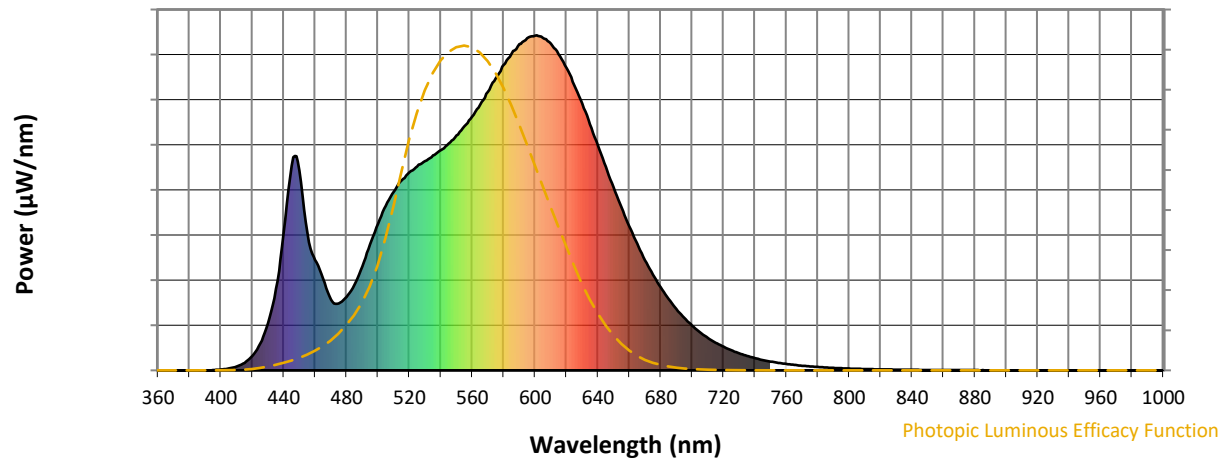
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

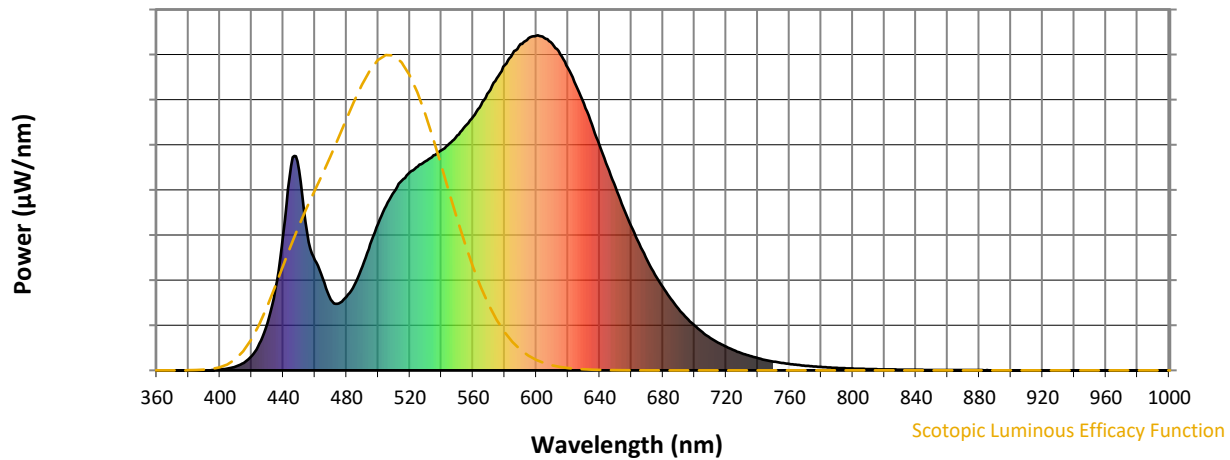


Photopic Lumens: NR

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



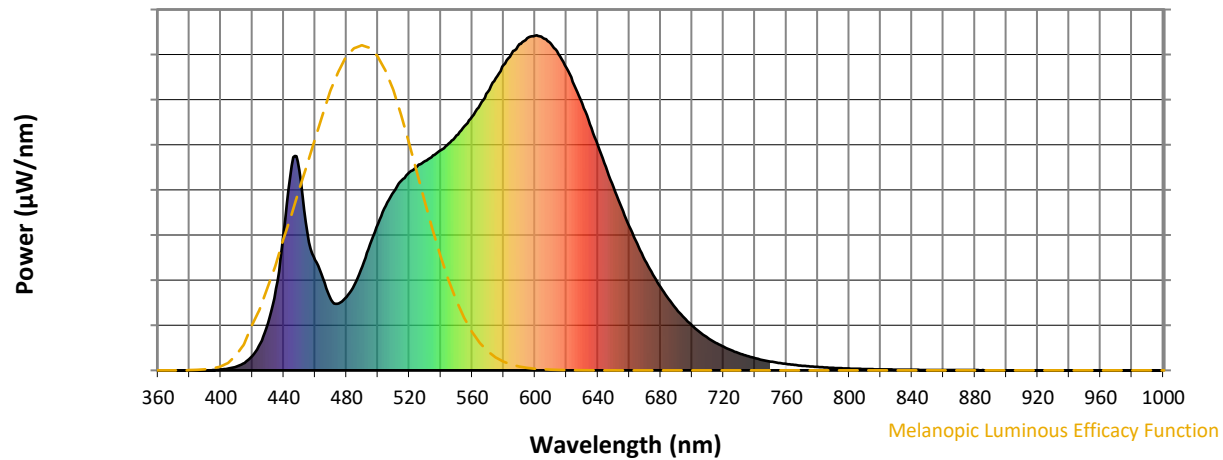
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

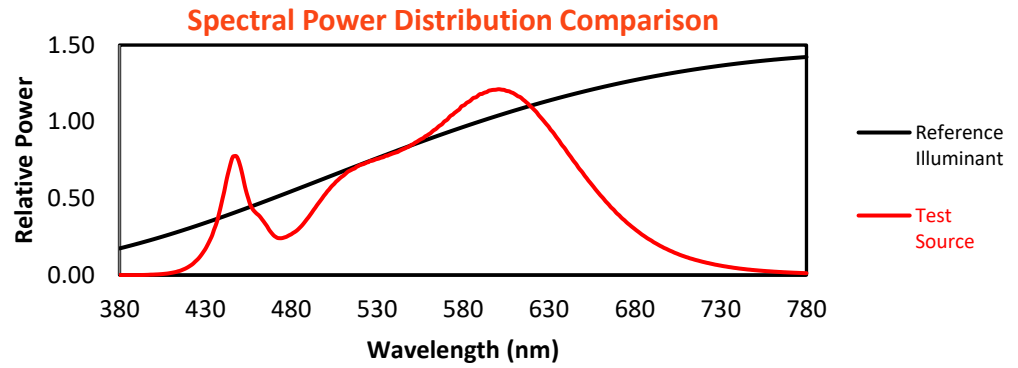
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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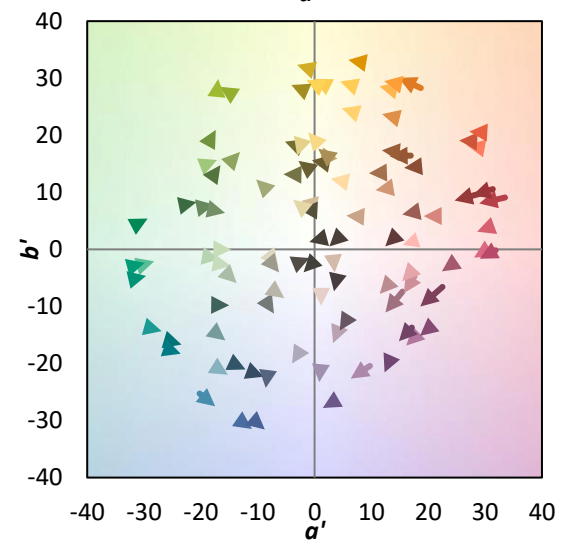
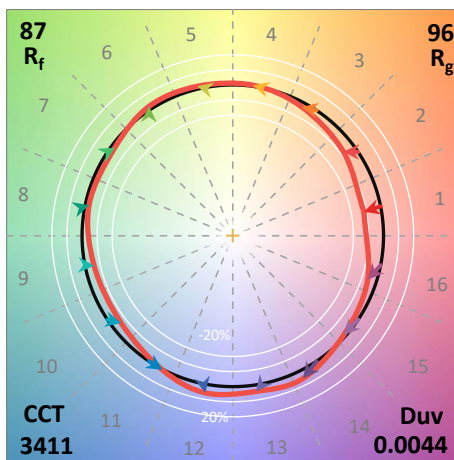
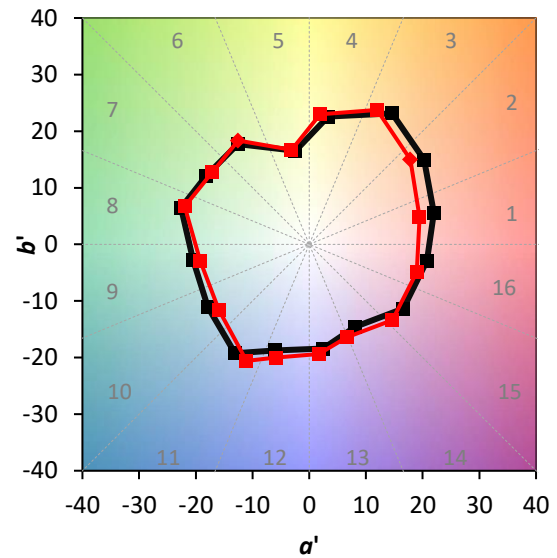
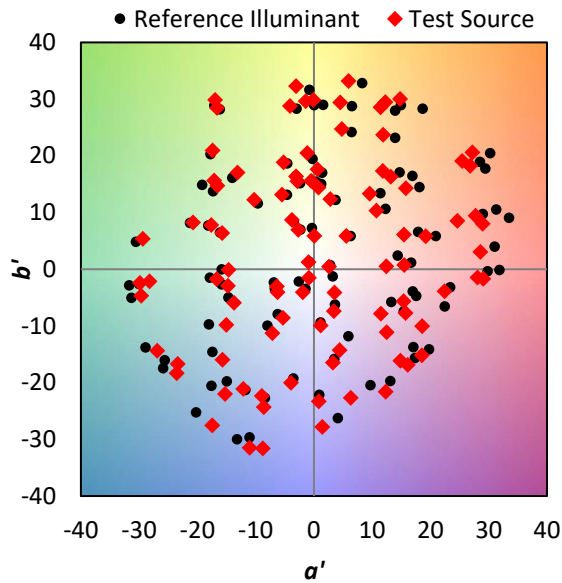
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

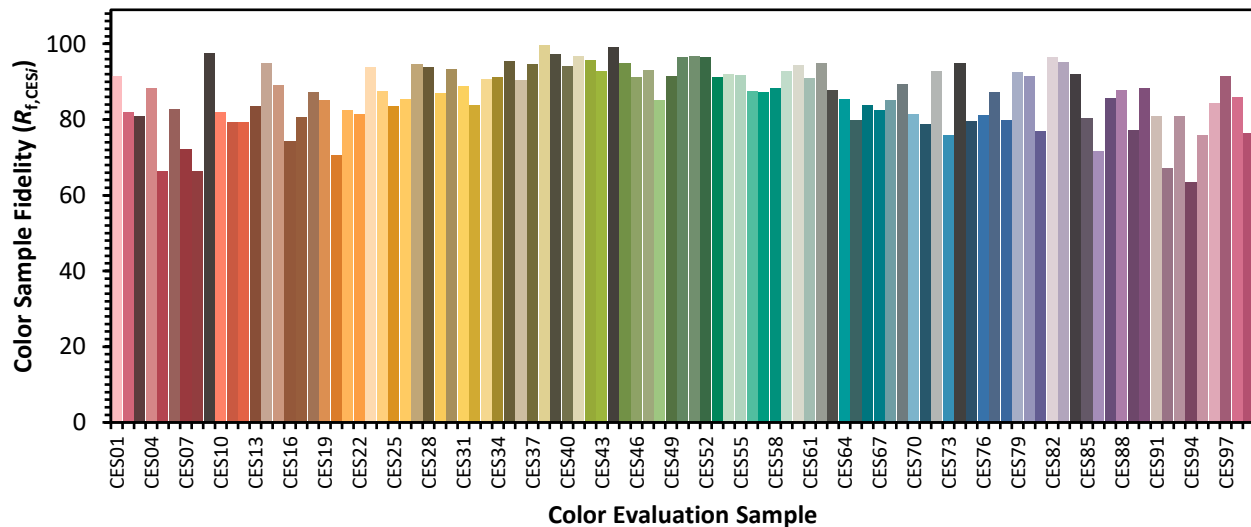


Color Vector Graphics

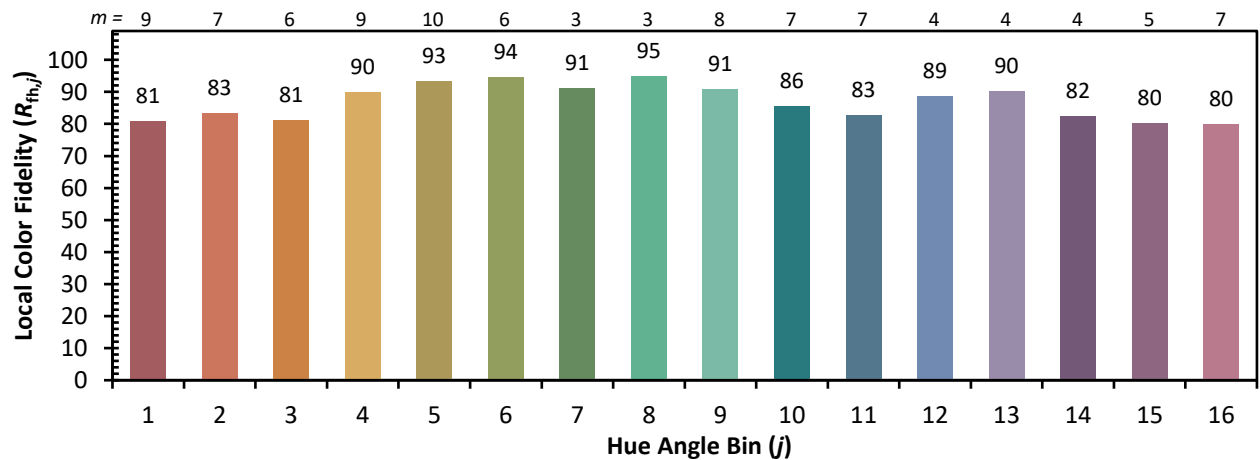
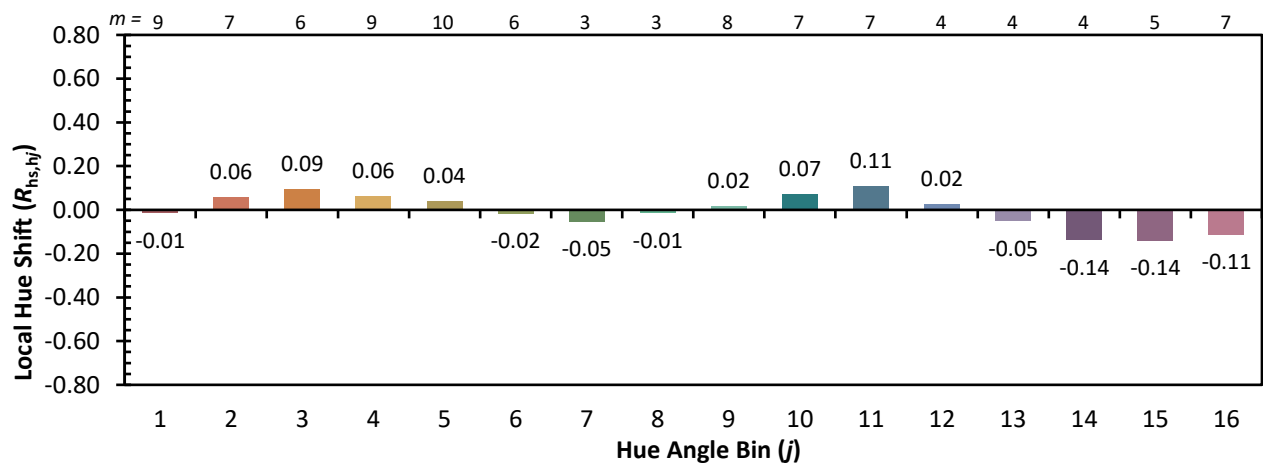
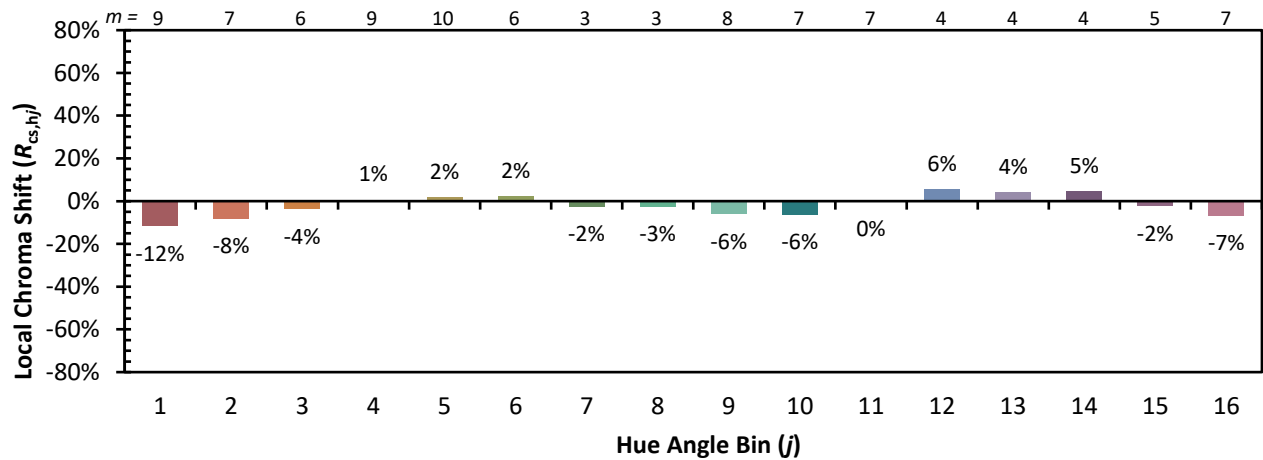


Individual Sample Fidelity Index ($R_{f,i}$)

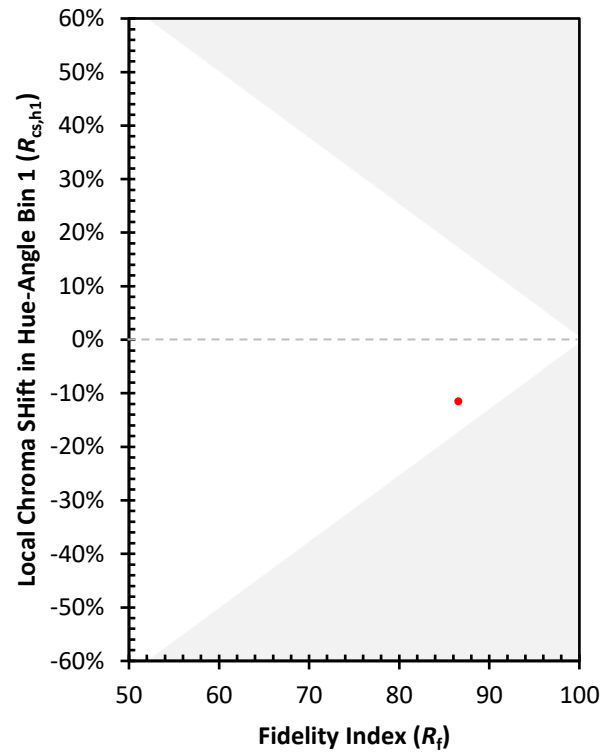
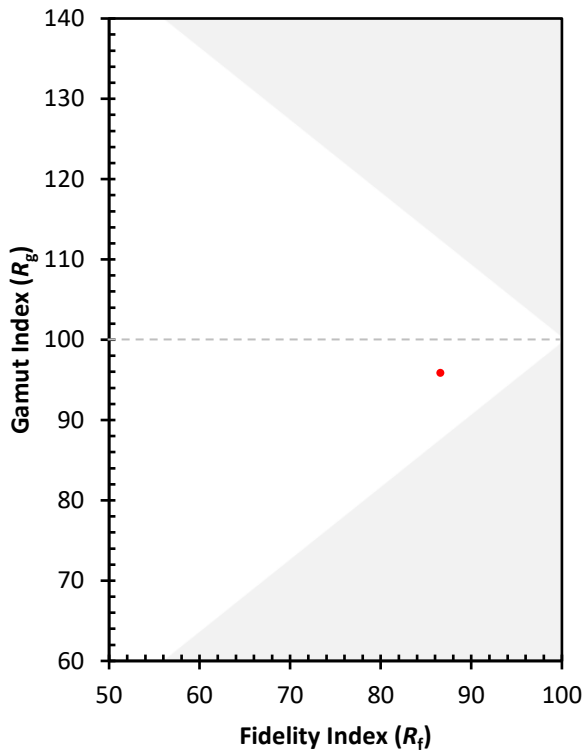
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)