

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: P1047982

Luminaire Tested: **GALN-SA9B-835-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047982
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-835-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35531.2 lumens
Efficiency: N/A
Efficacy: 113.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

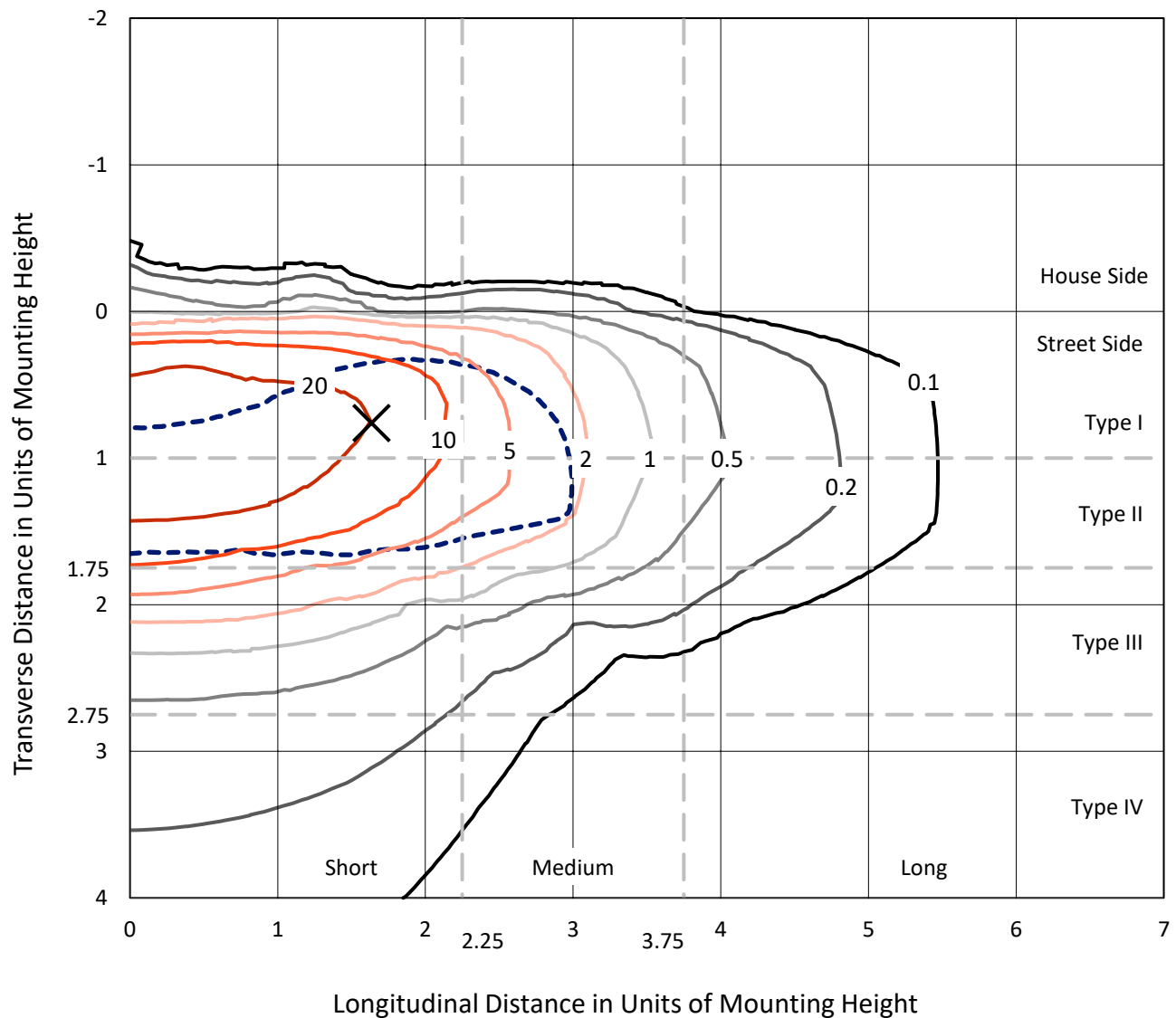


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CATALOG NUMBER: GALN-SA9B-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

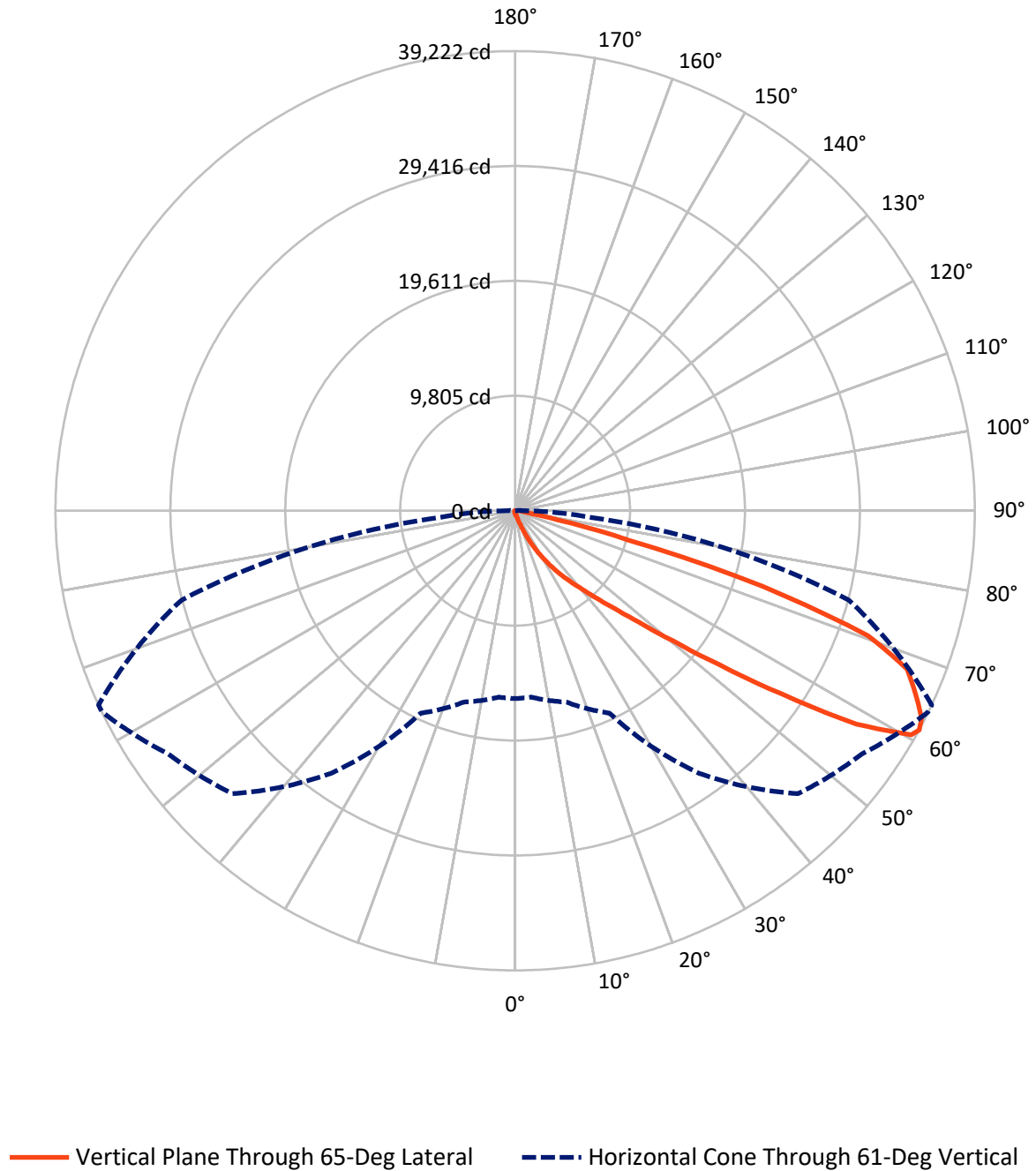


Based on 15 foot mounting height. Maximum calculated value = 47 fc
 Type II - Short - N/A

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CATALOG NUMBER: GALN-SA9B-835-U-T2BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	151.7	0.0	151.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35379.5	0.0	35379.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	35531.2	0.0	35531.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	0.1
10°-20°	292.2	0.8
20°-30°	1048.6	3.0
30°-40°	2791.7	7.9
40°-50°	7333.8	20.6
50°-60°	11361.5	32.0
60°-70°	9526.4	26.8
70°-80°	2803.5	7.9
80°-90°	345.8	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°	35531.2	100.0
0°-180°	35531.2	100.0



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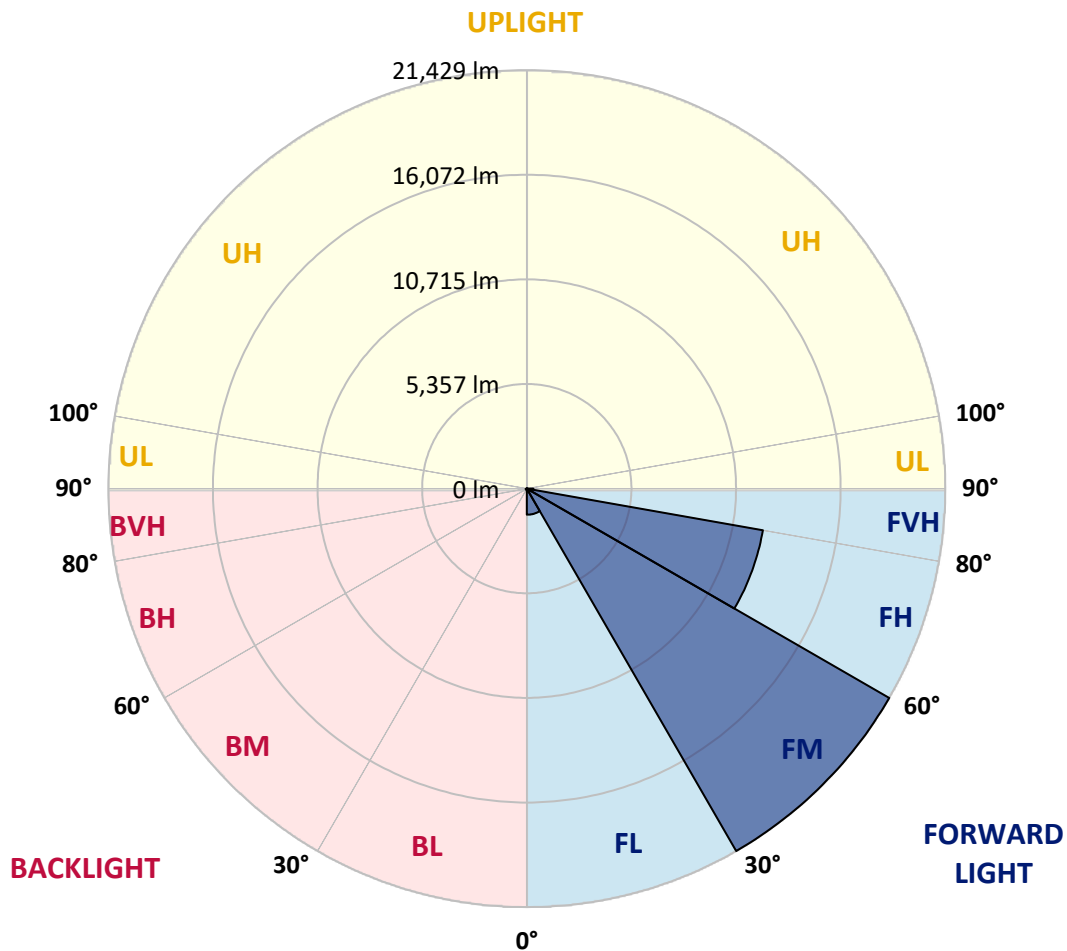
CATALOG NUMBER: GALN-SA9B-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1334.4	3.8			
FM	(30°-60°)	21429.3	60.3			
FH	(60°-80°)	12276.4	34.6			G5
FVH	(80°-90°)	339.4	1.0			G3/500
BL	(0°-30°)	34.0	0.1	B0/110		
BM	(30°-60°)	57.7	0.2	B0/220		
BH	(60°-80°)	53.5	0.2	B0/110		G0/110
BVH	(80°-90°)	6.4	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 II Short



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CATALOG NUMBER: GALN-SA9B-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5
2.5°	264.0	266.4	261.5	251.7	244.4	244.4	242.0	234.6	234.6	227.3	222.4
5°	369.1	364.2	354.4	334.9	317.7	300.6	283.5	266.4	264.0	242.0	227.3
7.5°	603.7	608.6	576.8	515.7	464.4	398.4	337.3	300.6	295.7	259.1	229.8
10°	1324.7	1288.1	1214.7	977.7	804.1	606.2	449.7	349.5	344.6	278.6	234.6
12.5°	2414.8	2385.5	2251.1	2006.7	1559.4	1085.2	657.5	432.6	418.0	295.7	237.1
15°	3480.5	3434.0	3360.7	3113.9	2590.8	1945.6	1075.4	591.5	552.4	320.2	234.6
17.5°	4160.0	4167.3	4101.3	3996.2	3658.9	2879.2	1857.6	882.3	806.6	364.2	229.8
20°	4753.9	4736.8	4773.4	4717.2	4480.2	3913.1	2703.2	1398.1	1268.5	435.1	232.2
22.5°	5438.3	5479.8	5506.7	5494.5	5233.0	4749.0	3663.8	2092.2	1928.4	564.6	239.5
25°	6354.8	6349.9	6352.4	6320.6	6066.4	5528.7	4626.8	2955.0	2788.8	774.8	256.6
27.5°	7315.4	7344.7	7356.9	7242.1	6909.6	6381.7	5518.9	3898.4	3702.9	1112.1	278.6
30°	8627.9	8603.5	8547.2	8312.6	7909.3	7254.3	6398.8	4888.3	4683.0	1583.8	312.9
32.5°	10397.5	10370.6	10087.1	9568.9	8965.2	8163.5	7283.6	5880.7	5631.4	2172.9	359.3
35°	13313.4	13354.9	12658.3	11316.5	10233.7	9256.0	8263.7	6868.1	6648.1	2898.8	422.8
37.5°	17778.8	17551.5	16605.6	14234.8	11903.1	10619.9	9199.8	7865.3	7674.7	3793.3	505.9
40°	22117.2	21892.4	21618.6	19372.4	14804.3	12123.0	10509.9	9036.1	8789.2	4802.8	628.1
42.5°	26678.0	26553.4	26541.2	24847.4	20098.3	14486.6	12086.4	10407.2	10197.0	5910.0	828.6
45°	29909.2	29784.6	30046.1	30341.8	27308.6	19550.9	14831.2	12189.0	11883.5	7254.3	1148.8
47.5°	30344.3	30349.2	31048.2	31974.5	32666.2	27384.4	18487.6	14550.1	14178.6	9177.8	1686.5
50°	28897.3	28953.6	30065.6	31722.8	33585.2	33956.8	24935.3	17976.8	17426.9	11458.2	2449.1
52.5°	26142.8	26206.3	27755.9	30481.2	32739.6	35535.7	32526.9	22459.4	21826.4	14303.2	3524.5
55°	23661.9	23701.0	25478.0	28921.8	31720.3	34677.8	37034.0	28445.2	27614.1	17803.3	4585.2
57.5°	21205.6	21115.1	22271.2	26213.6	31546.8	33624.3	37698.8	35266.8	34350.3	21628.4	5411.4
60°	17920.6	17769.1	18697.8	21205.6	29264.0	34316.0	36454.7	39040.6	38832.9	26954.2	6049.3
61°	16031.3	15967.7	16901.4	19052.2	27342.8	34140.1	36156.5	39199.5	39221.5	29474.2	6335.3
62.5°	11448.5	11629.3	13056.7	15852.8	22901.8	32998.6	36195.6	38708.2	38925.7	32822.7	7075.9
65°	5088.7	5379.6	6489.3	8764.8	13318.2	27450.4	35848.5	37630.3	37522.8	33741.7	9627.6
67.5°	3018.5	3062.5	3614.9	4966.5	7053.9	14765.2	31634.8	36205.4	36061.2	29373.9	11978.8
70°	2378.2	2400.2	2576.1	3116.3	4094.0	5655.8	18055.0	31324.4	31952.5	23818.4	11727.1
72.5°	2256.0	2251.1	2275.5	2370.8	2578.6	2805.9	6990.3	20821.8	22100.1	17153.1	9832.9
75°	2226.6	2216.9	2192.4	2155.8	1867.3	1652.3	2165.5	9209.6	9950.2	11719.8	7403.4
77.5°	2160.6	2163.1	2168.0	2067.8	1600.9	1168.3	1048.5	2955.0	3634.5	7437.6	5262.3
80°	1461.6	1483.6	1520.3	1481.2	1439.6	845.7	740.6	1051.0	1065.7	4174.6	3475.6
82.5°	740.6	740.6	723.5	645.3	557.3	549.9	589.0	762.6	772.4	2111.8	1635.1
85°	447.3	471.7	481.5	437.5	400.8	369.1	449.7	606.2	628.1	818.8	381.3
87.5°	100.2	102.7	112.4	149.1	217.5	295.7	418.0	554.8	564.6	525.5	46.4
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: P1047982

CATALOG NUMBER: GALN-SA9B-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5	217.5
2.5°	220.0	215.1	212.6	205.3	198.0	190.6	185.8	183.3	185.8	188.2	188.2
5°	217.5	210.2	198.0	185.8	176.0	166.2	156.4	154.0	154.0	156.4	156.4
7.5°	217.5	205.3	188.2	173.5	158.9	144.2	136.9	132.0	134.4	134.4	134.4
10°	217.5	202.9	180.9	158.9	141.8	124.7	112.4	107.5	107.5	107.5	107.5
12.5°	215.1	200.4	173.5	146.6	122.2	102.7	88.0	80.7	83.1	83.1	83.1
15°	210.2	193.1	163.8	124.7	97.8	78.2	63.5	56.2	58.7	63.5	66.0
17.5°	202.9	185.8	146.6	105.1	78.2	58.7	44.0	39.1	41.6	48.9	48.9
20°	200.4	178.4	129.5	85.5	58.7	41.6	29.3	24.4	26.9	36.7	39.1
22.5°	200.4	173.5	117.3	70.9	44.0	26.9	17.1	9.8	9.8	17.1	17.1
25°	202.9	171.1	107.5	58.7	31.8	19.6	9.8	4.9	9.8	26.9	31.8
27.5°	207.8	168.6	102.7	48.9	24.4	17.1	7.3	17.1	29.3	29.3	29.3
30°	212.6	163.8	95.3	41.6	22.0	12.2	12.2	24.4	24.4	29.3	31.8
32.5°	220.0	161.3	90.4	36.7	17.1	9.8	17.1	14.7	14.7	17.1	19.6
35°	234.6	163.8	85.5	36.7	17.1	12.2	14.7	7.3	4.9	4.9	4.9
37.5°	254.2	166.2	78.2	31.8	14.7	14.7	7.3	0.0	0.0	0.0	0.0
40°	286.0	173.5	73.3	29.3	12.2	12.2	2.4	0.0	0.0	0.0	0.0
42.5°	339.7	188.2	70.9	26.9	12.2	9.8	0.0	0.0	0.0	0.0	0.0
45°	447.3	222.4	66.0	24.4	12.2	4.9	0.0	0.0	0.0	0.0	0.0
47.5°	642.8	303.1	63.5	19.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	938.6	410.6	61.1	17.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1197.6	432.6	41.6	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1227.0	298.2	31.8	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	977.7	193.1	26.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	740.6	146.6	24.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	711.3	132.0	24.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	784.6	114.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1275.9	95.3	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2216.9	83.1	17.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2801.0	78.2	14.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2441.7	70.9	14.7	4.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	1468.9	61.1	14.7	9.8	4.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	769.9	46.4	14.7	12.2	7.3	2.4	0.0	0.0	0.0	0.0	0.0
80°	374.0	41.6	17.1	12.2	9.8	4.9	0.0	0.0	0.0	0.0	0.0
82.5°	146.6	34.2	19.6	17.1	12.2	7.3	2.4	0.0	0.0	0.0	0.0
85°	66.0	29.3	22.0	19.6	17.1	9.8	2.4	0.0	0.0	0.0	0.0
87.5°	34.2	26.9	24.4	22.0	17.1	12.2	4.9	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

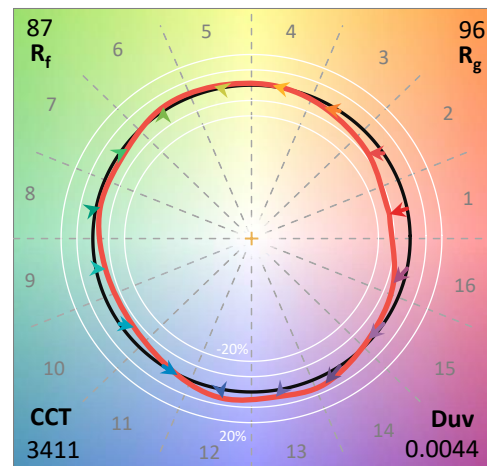
Test Information

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
 R_f: 86.6
 R_g: 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

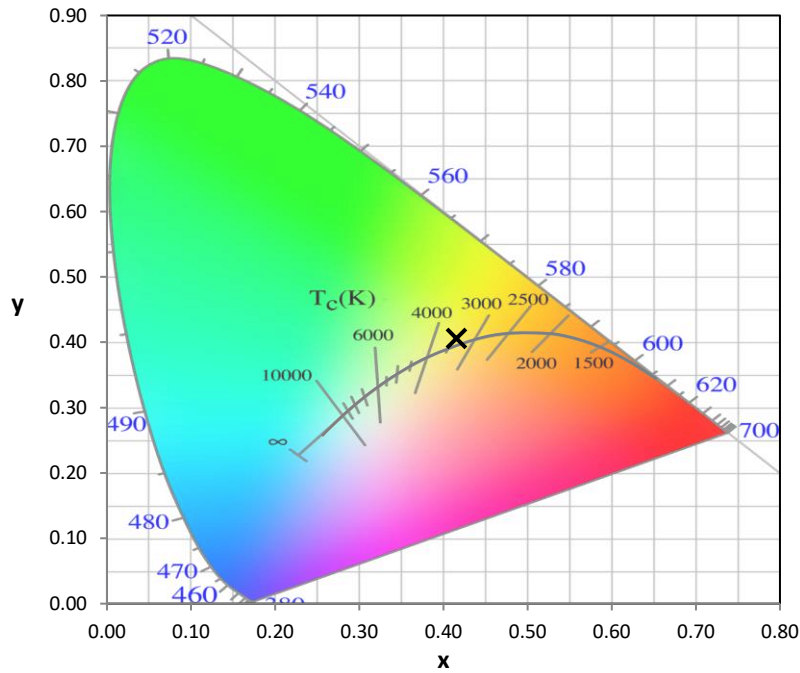
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

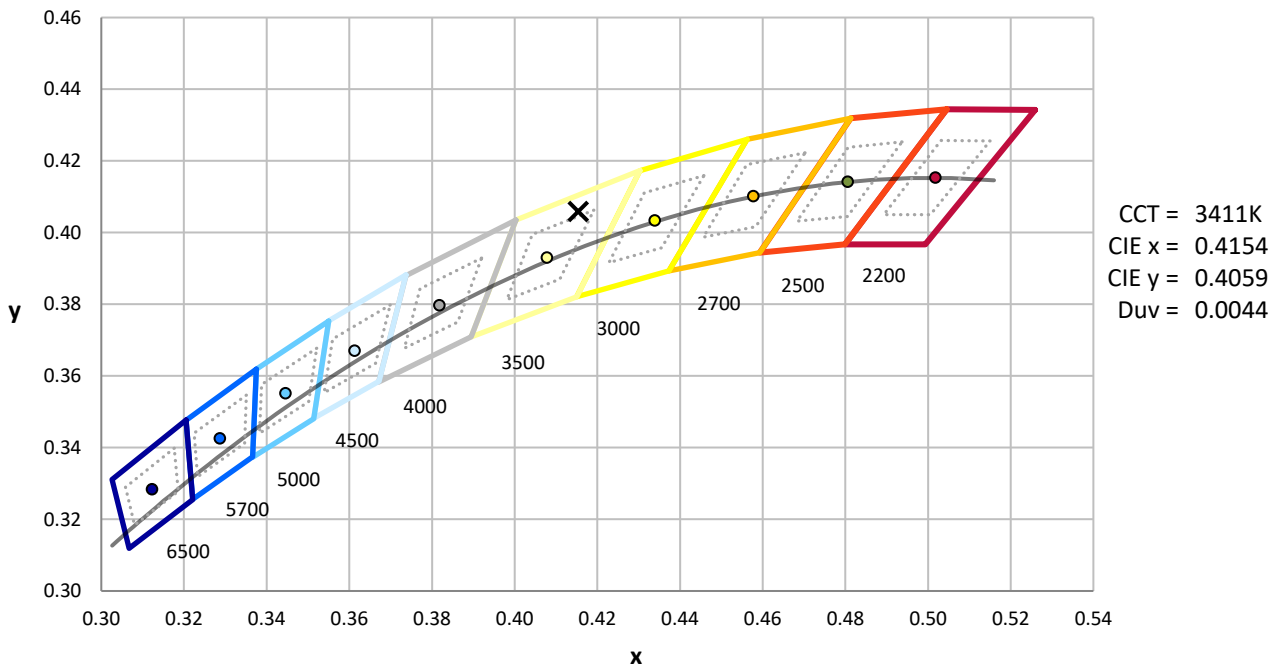
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



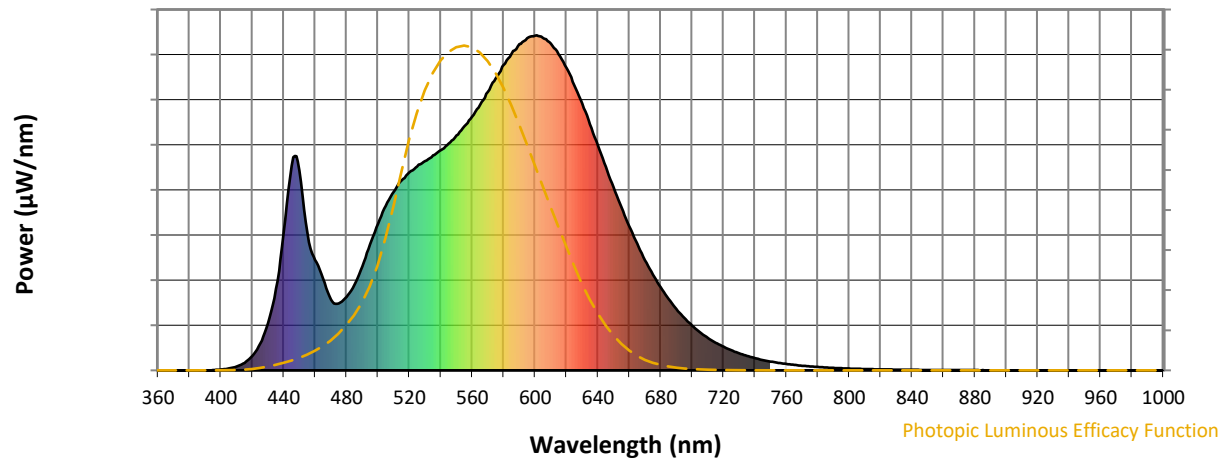
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

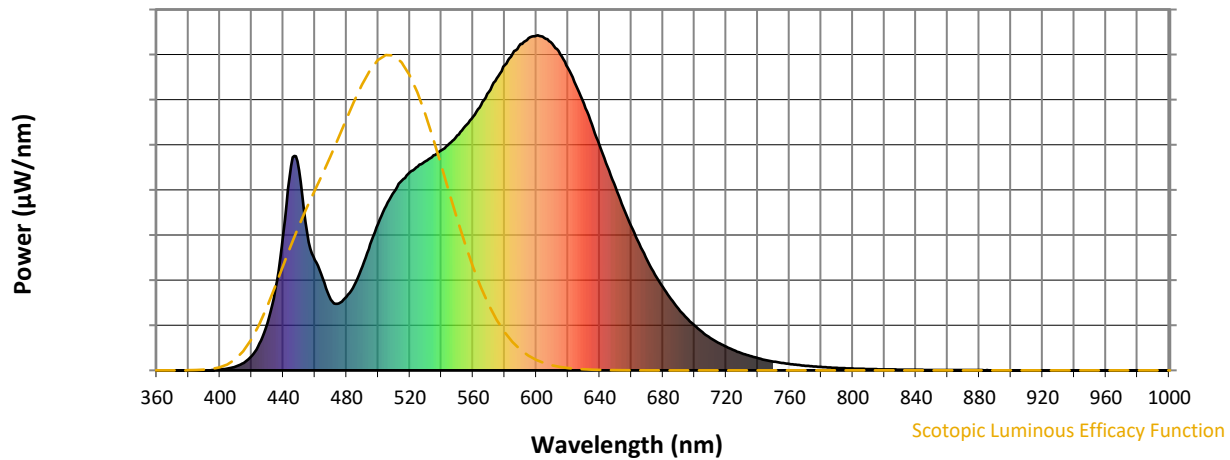


Photopic Lumens: NR

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



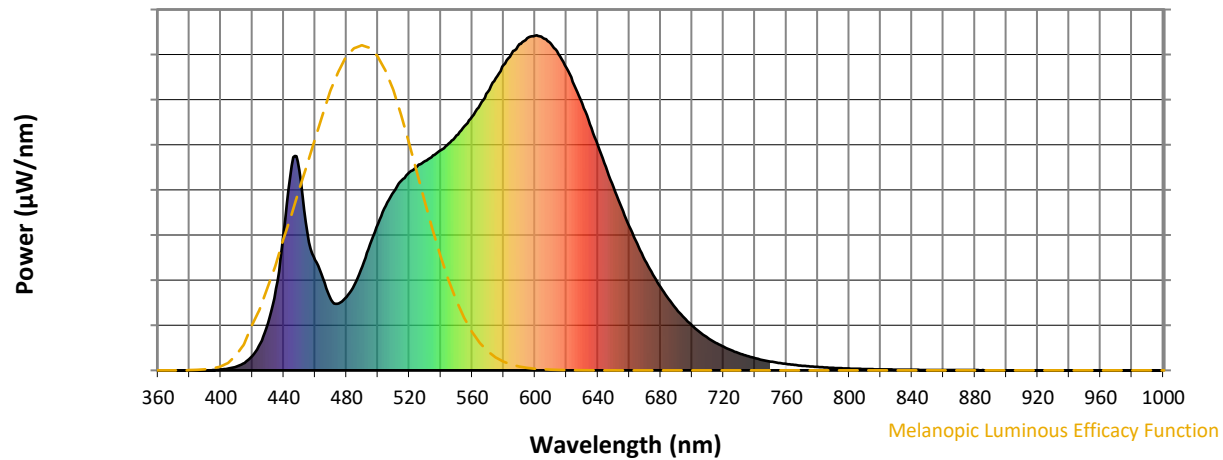
Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power W [^] /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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

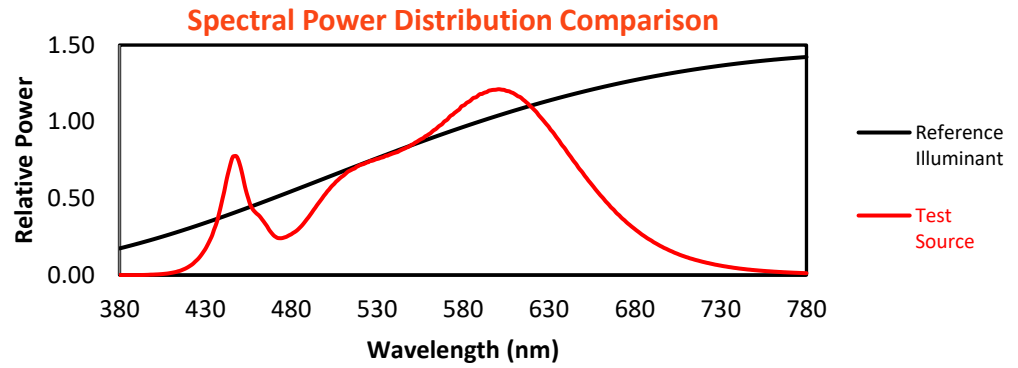
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	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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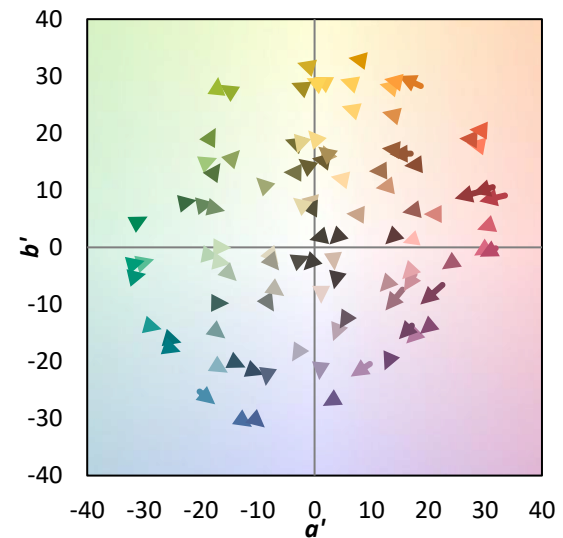
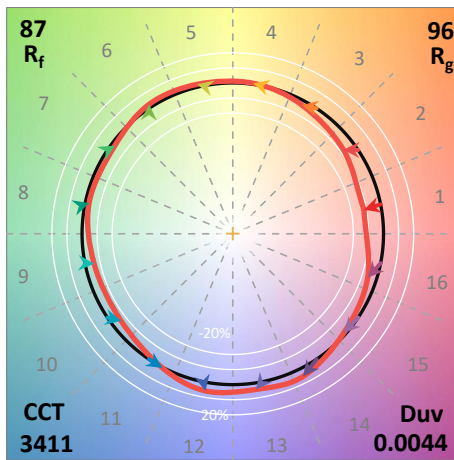
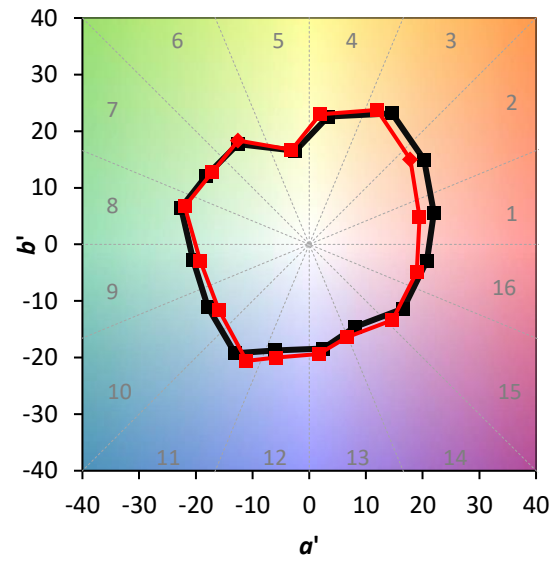
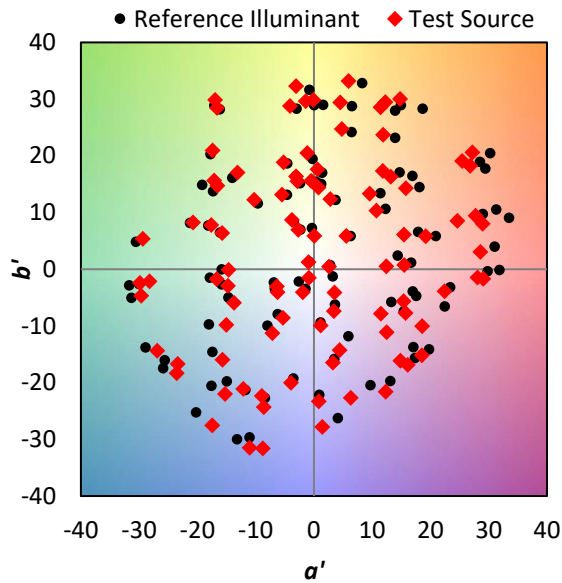
TM-30-18

Summary

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

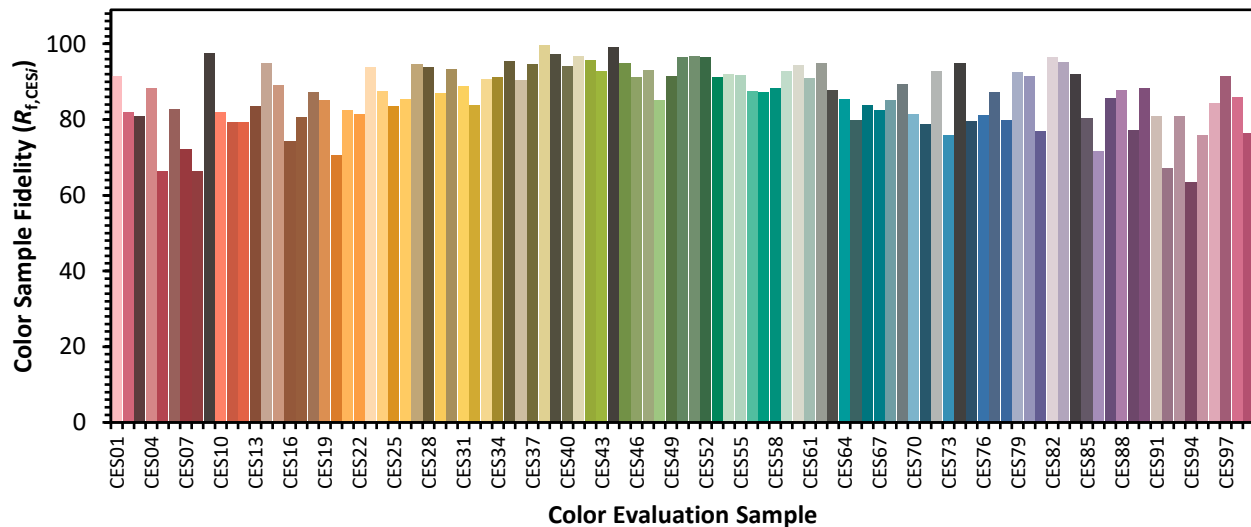


Color Vector Graphics

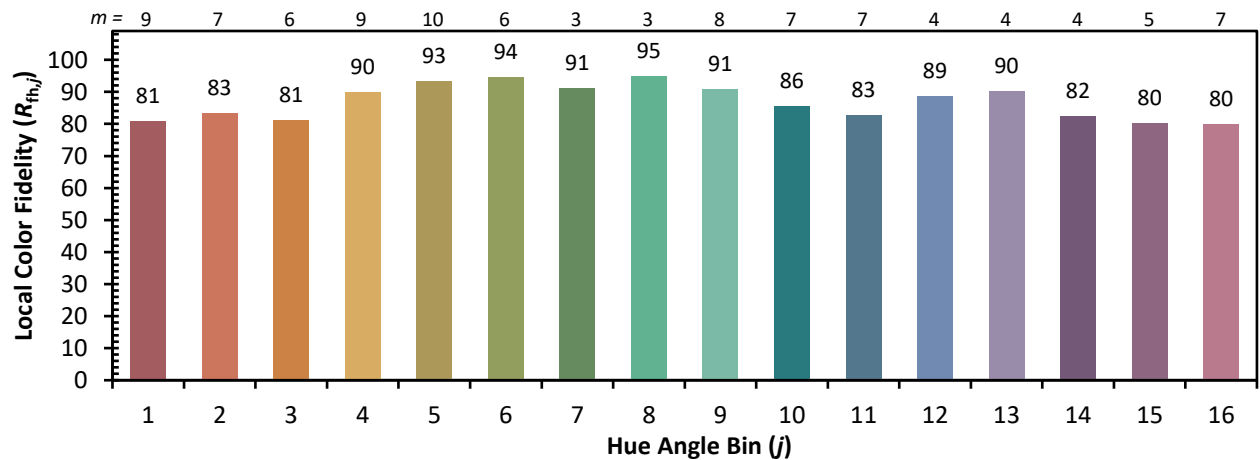
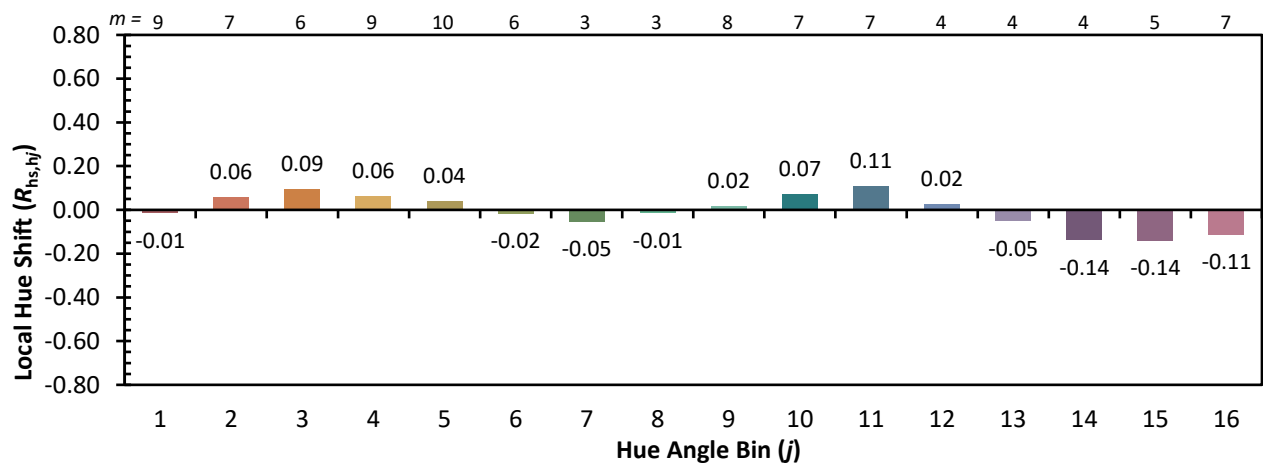
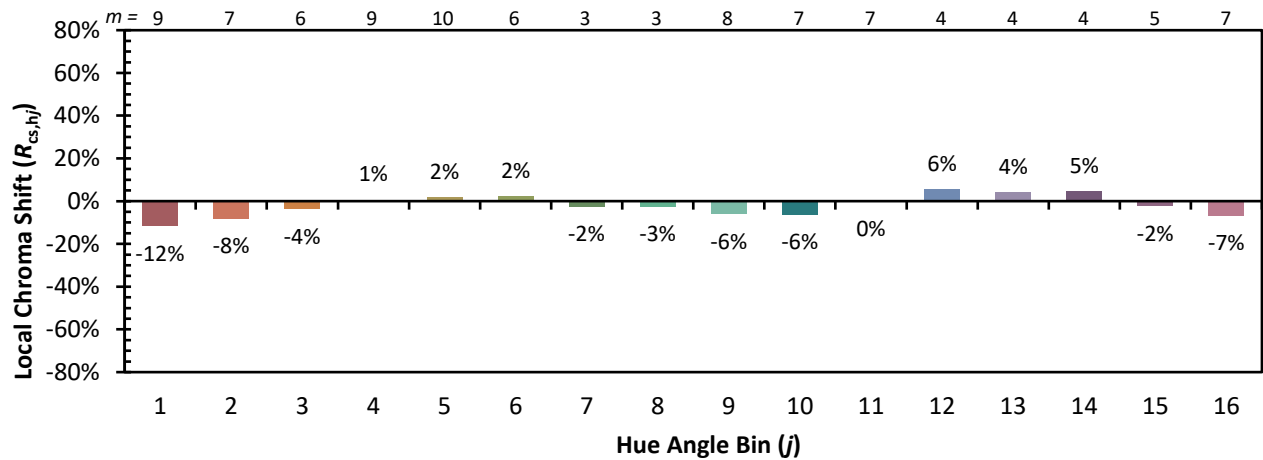


Individual Sample Fidelity Index (R_{fi})

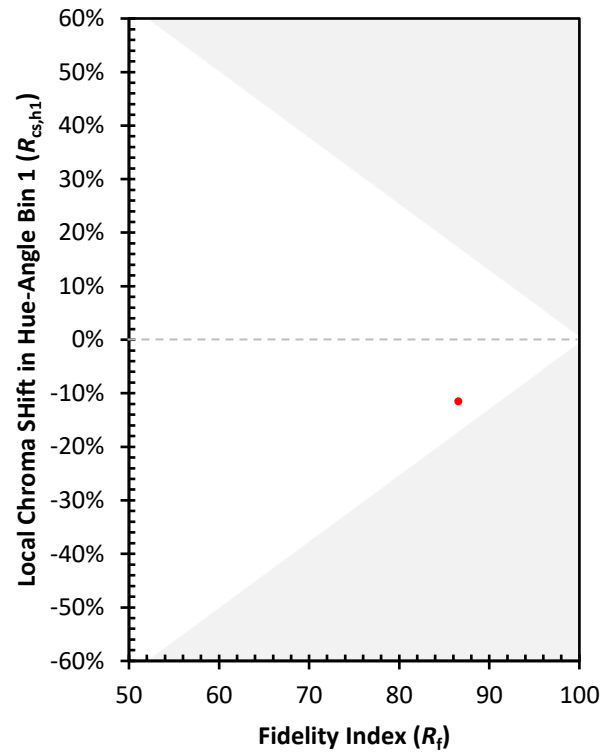
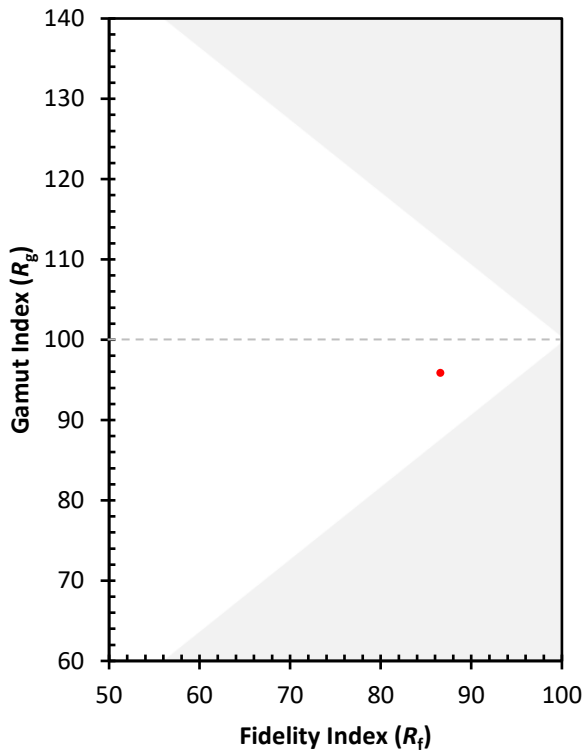
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)