

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: LUMARK

Report Number: P1067372

Luminaire Tested: **NAV-SA2D-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067372
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2D-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10598.6 lumens
Efficiency: N/A
Efficacy: 99.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107
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

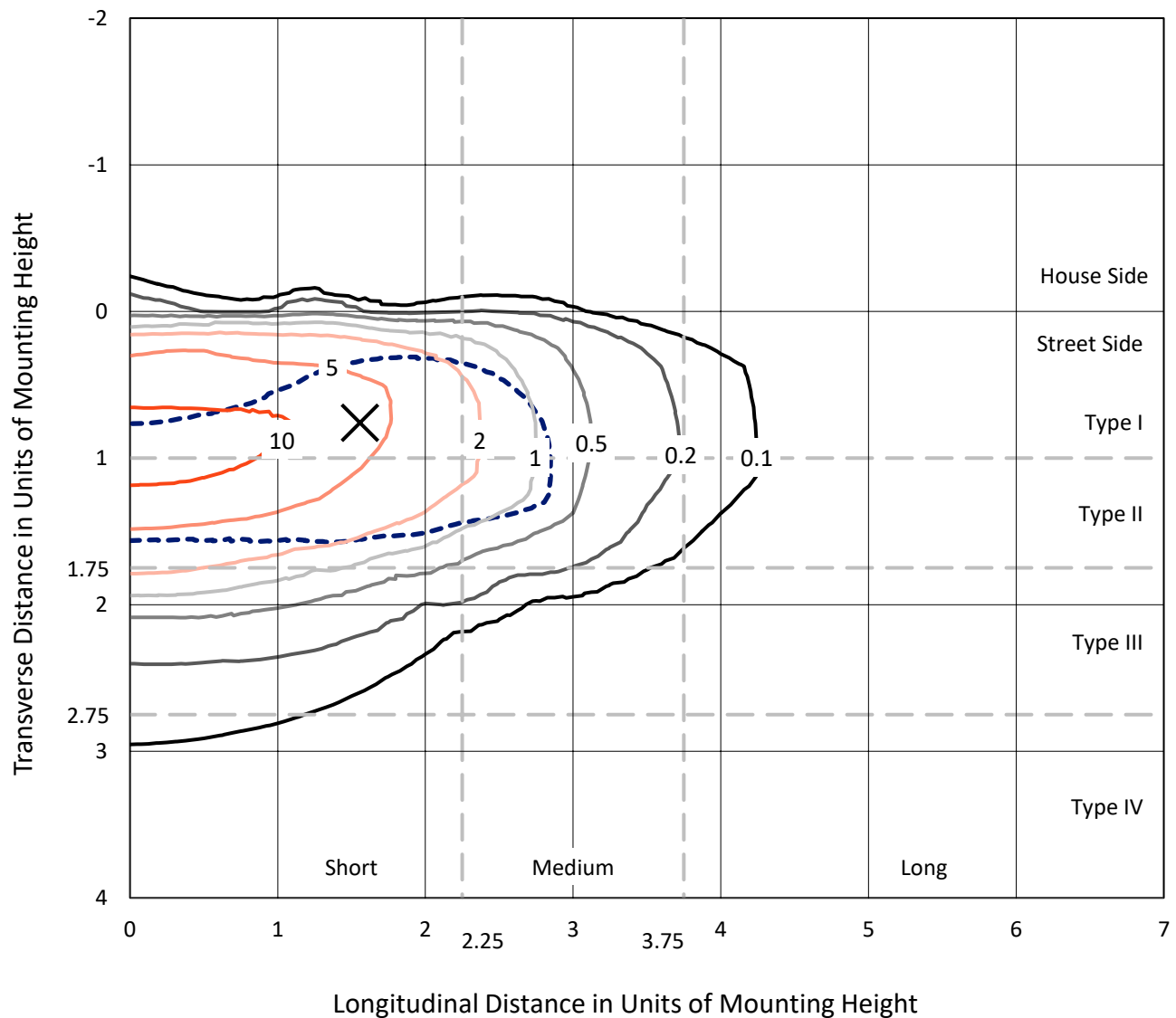


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

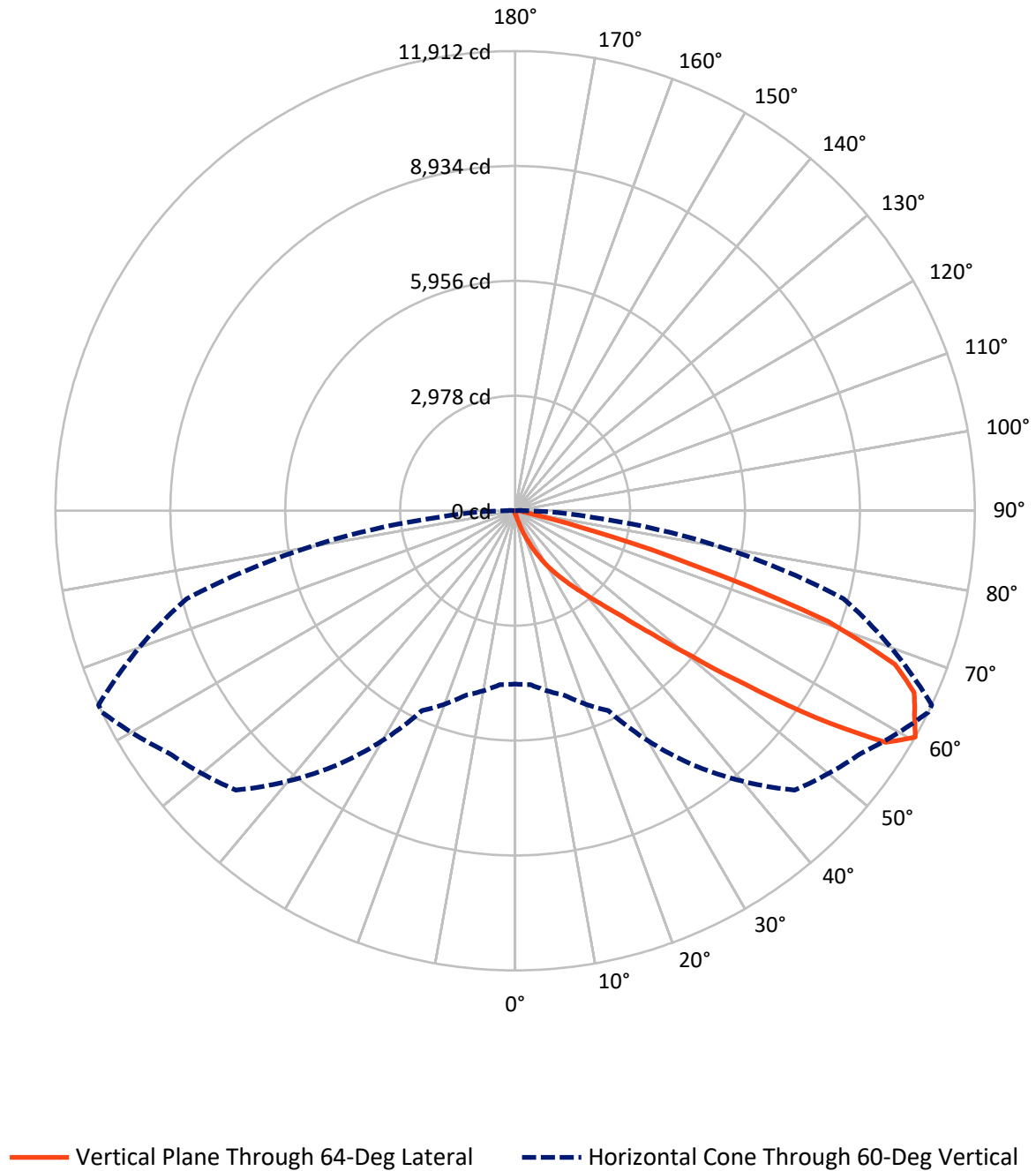


Based on 15 foot mounting height. Maximum calculated value = 15.2 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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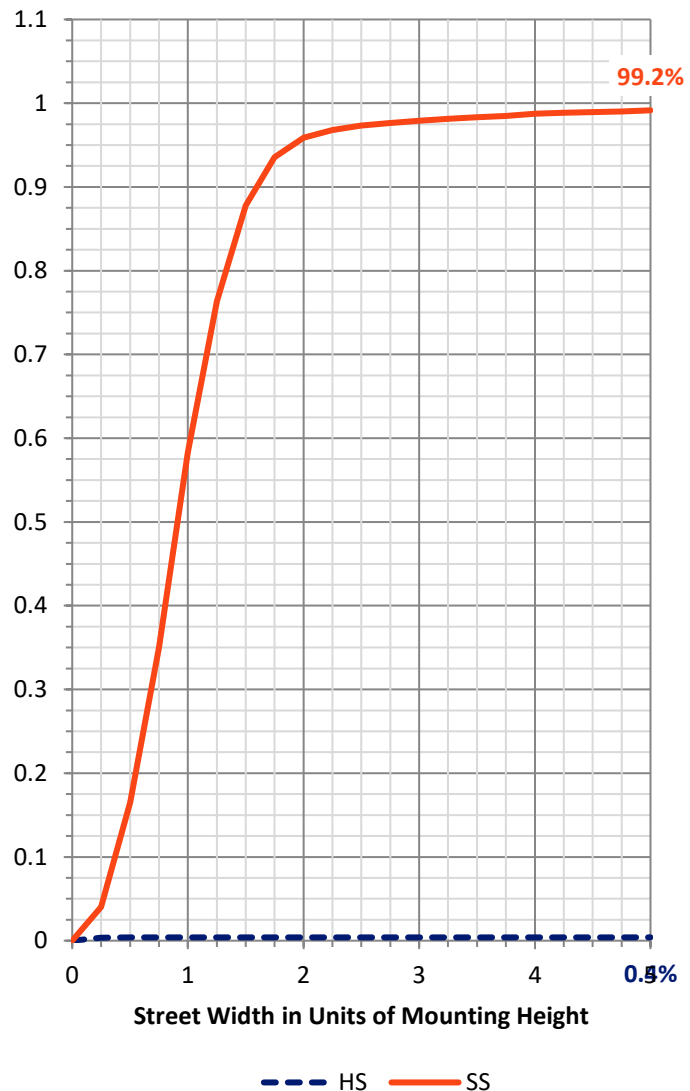
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.0	0.0	43.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10555.6	0.0	10555.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	10598.6	0.0	10598.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	0.1
10°-20°	104.2	1.0
20°-30°	345.9	3.3
30°-40°	923.0	8.7
40°-50°	2346.0	22.1
50°-60°	3420.0	32.3
60°-70°	2641.6	24.9
70°-80°	725.4	6.8
80°-90°	81.9	0.8
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°	10598.6	100.0
0°-180°	10598.6	100.0



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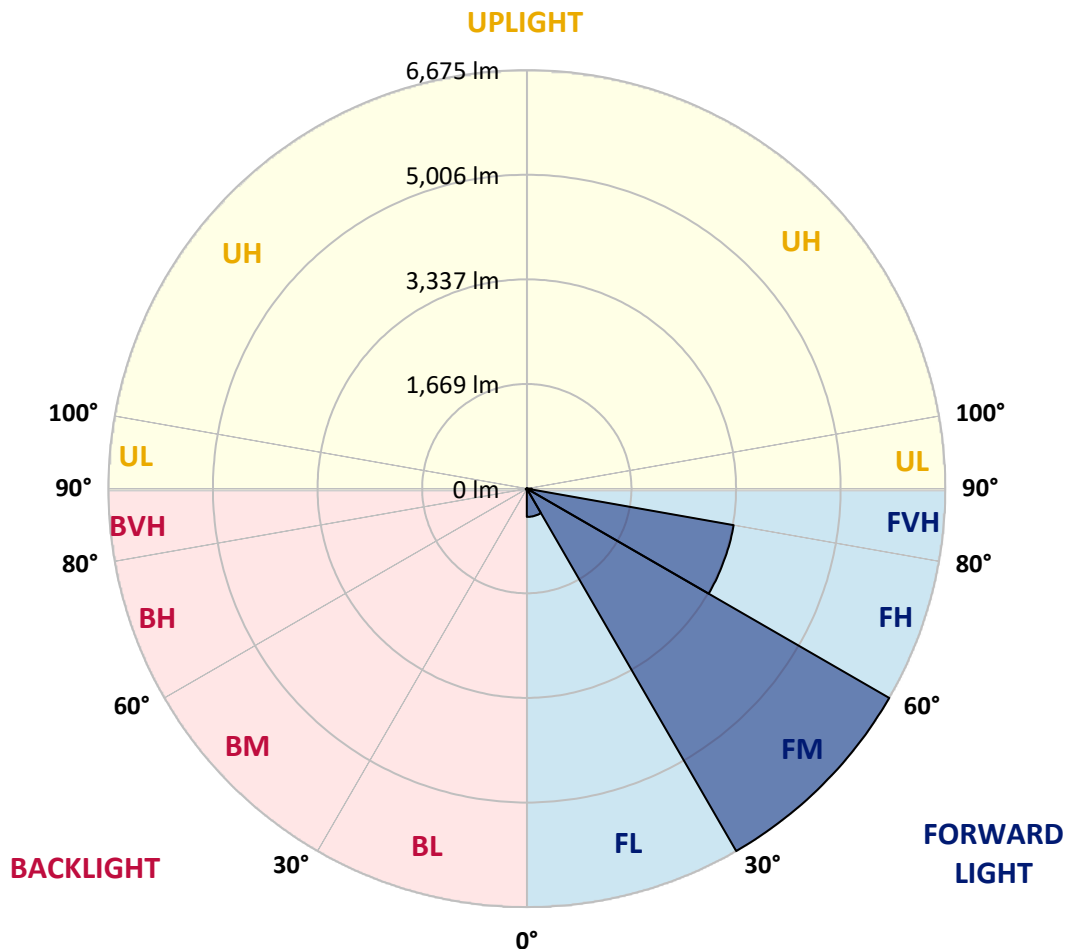
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	451.0	4.3			
FM	(30°-60°)	6674.8	63.0			
FH	(60°-80°)	3349.9	31.6			G2/5000
FVH	(80°-90°)	79.9	0.8			G1/100
BL	(0°-30°)	9.7	0.1	B0/110		
BM	(30°-60°)	14.2	0.1	B0/220		
BH	(60°-80°)	17.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2.5°	93.4	93.4	93.4	90.4	87.5	87.5	84.6	81.7	81.7	75.9	72.9
5°	143.0	143.0	137.1	131.3	122.5	110.9	99.2	90.4	90.4	81.7	75.9
7.5°	280.1	288.8	262.6	230.5	186.7	157.5	125.4	105.0	102.1	87.5	75.9
10°	606.8	601.0	560.1	481.4	379.3	274.2	175.0	128.4	122.5	93.4	75.9
12.5°	913.2	921.9	878.1	790.6	668.1	487.2	300.5	166.3	160.5	102.1	75.9
15°	1175.7	1175.7	1146.5	1102.8	968.6	779.0	484.3	248.0	227.6	110.9	72.9
17.5°	1356.6	1353.7	1342.0	1330.3	1251.6	1056.1	741.0	396.8	350.1	131.3	72.9
20°	1560.8	1552.1	1566.7	1543.3	1482.0	1327.4	1012.3	589.3	545.6	166.3	72.9
22.5°	1773.8	1782.5	1794.2	1770.9	1703.8	1569.6	1298.3	837.3	790.6	230.5	75.9
25°	2045.1	2039.3	2065.5	2045.1	1960.5	1803.0	1566.7	1108.6	1041.5	320.9	81.7
27.5°	2377.7	2366.0	2383.5	2331.0	2220.2	2059.7	1805.9	1385.8	1307.0	461.0	93.4
30°	2818.2	2827.0	2748.2	2686.9	2529.4	2316.4	2071.4	1683.3	1601.7	627.2	105.0
32.5°	3512.6	3451.3	3328.8	3080.8	2873.7	2602.3	2336.9	1943.0	1870.1	840.2	122.5
35°	4594.9	4606.6	4338.2	3725.5	3276.3	2961.2	2628.6	2228.9	2176.4	1082.4	145.9
37.5°	5913.6	5881.5	5645.2	4872.1	3865.6	3407.5	2961.2	2541.1	2465.2	1344.9	175.0
40°	7407.3	7273.1	7136.0	6610.9	5093.8	3967.7	3381.3	2902.8	2844.5	1648.3	221.7
42.5°	8603.5	8568.5	8591.8	8373.0	7141.8	4921.7	3938.5	3346.3	3276.3	2024.7	303.4
45°	9192.8	9143.2	9283.2	9446.6	9131.5	6952.2	4837.1	3912.3	3818.9	2468.1	428.9
47.5°	9035.2	9000.2	9300.7	9621.6	10041.7	9306.6	6304.5	4758.3	4597.8	3037.0	615.6
50°	8259.2	8262.1	8755.2	9353.2	10018.4	10499.8	8478.0	5916.5	5715.2	3792.6	907.3
52.5°	7503.6	7526.9	8049.2	8921.5	9671.2	10639.8	10386.0	7477.3	7150.6	4682.5	1251.6
55°	6727.6	6739.2	7200.2	8428.4	9507.9	10222.6	11366.3	9487.4	9140.3	5791.1	1587.1
57.5°	5980.7	5980.7	6152.8	7243.9	9329.9	10184.7	11249.6	11325.4	11042.4	7057.2	1835.1
60°	4492.8	4522.0	4950.9	5715.2	8046.2	10240.1	10952.0	11911.8	11911.8	8813.5	2024.7
62.5°	2269.7	2313.5	2847.4	3591.3	5519.8	9475.8	10998.7	11617.2	11663.8	10362.7	2456.5
65°	1064.9	1114.5	1400.4	1925.5	2969.9	6669.2	10514.4	11366.3	11351.7	10068.0	3366.7
67.5°	764.4	779.0	875.2	1123.2	1598.7	2923.3	8025.8	10616.5	10622.3	8553.9	3871.4
70°	685.6	685.6	708.9	781.9	962.7	1307.0	3900.6	8597.6	9014.8	6605.0	3588.4
72.5°	676.8	671.0	665.2	668.1	650.6	656.4	1339.1	4854.6	5449.7	4621.2	2862.0
75°	659.3	659.3	653.5	633.1	519.3	423.0	461.0	1963.4	2269.7	3086.6	2123.9
77.5°	522.2	574.7	636.0	598.1	475.5	318.0	268.4	568.9	717.7	1893.4	1540.4
80°	242.1	245.1	242.1	253.8	303.4	227.6	198.4	277.2	280.1	1050.3	954.0
82.5°	175.0	178.0	169.2	151.7	134.2	122.5	163.4	204.2	218.8	481.4	355.9
85°	52.5	49.6	58.3	78.8	93.4	107.9	137.1	172.1	180.9	178.0	52.5
87.5°	23.3	23.3	29.2	40.8	55.4	81.7	119.6	157.5	160.5	183.8	14.6
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: NAV-SA2D-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2.5°	72.9	70.0	67.1	64.2	61.3	58.3	55.4	55.4	58.3	58.3	58.3
5°	70.0	67.1	61.3	55.4	52.5	49.6	46.7	46.7	49.6	49.6	49.6
7.5°	70.0	64.2	58.3	52.5	46.7	43.8	40.8	40.8	40.8	43.8	43.8
10°	70.0	64.2	55.4	46.7	40.8	37.9	35.0	32.1	35.0	35.0	35.0
12.5°	67.1	61.3	52.5	43.8	35.0	29.2	26.3	26.3	26.3	26.3	26.3
15°	64.2	58.3	49.6	37.9	29.2	23.3	17.5	17.5	17.5	20.4	20.4
17.5°	61.3	55.4	43.8	29.2	20.4	14.6	11.7	11.7	11.7	14.6	14.6
20°	61.3	52.5	37.9	23.3	14.6	8.8	5.8	5.8	5.8	8.8	11.7
22.5°	61.3	52.5	35.0	17.5	8.8	5.8	2.9	2.9	2.9	2.9	2.9
25°	61.3	49.6	32.1	14.6	5.8	2.9	0.0	0.0	2.9	5.8	8.8
27.5°	61.3	46.7	26.3	8.8	5.8	2.9	0.0	2.9	5.8	5.8	5.8
30°	61.3	46.7	23.3	8.8	2.9	0.0	0.0	2.9	5.8	5.8	8.8
32.5°	64.2	43.8	20.4	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	67.1	40.8	17.5	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	72.9	40.8	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	81.7	43.8	11.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	102.1	46.7	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	143.0	58.3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	210.1	87.5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	306.3	119.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	376.3	119.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	373.4	75.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	285.9	52.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	242.1	37.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	291.7	29.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	519.3	26.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	834.4	26.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	933.6	26.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	729.4	23.3	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	399.7	20.4	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	201.3	14.6	5.8	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	84.6	11.7	5.8	2.9	2.9	2.9	0.0	0.0	0.0	0.0	0.0
82.5°	29.2	11.7	5.8	5.8	2.9	2.9	0.0	0.0	0.0	0.0	0.0
85°	14.6	8.8	8.8	5.8	5.8	2.9	2.9	0.0	0.0	0.0	0.0
87.5°	8.8	8.8	8.8	5.8	5.8	2.9	2.9	0.0	0.0	0.0	2.9
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

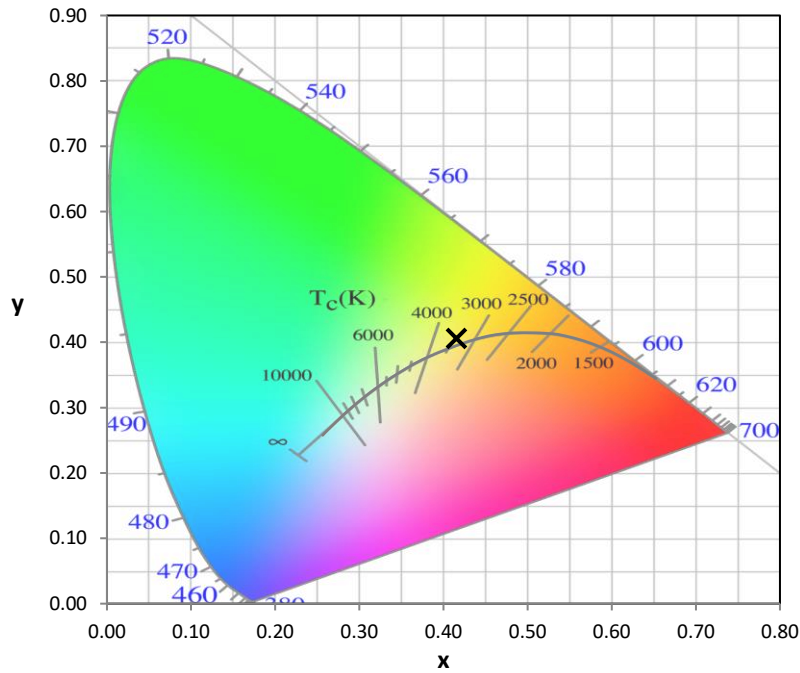
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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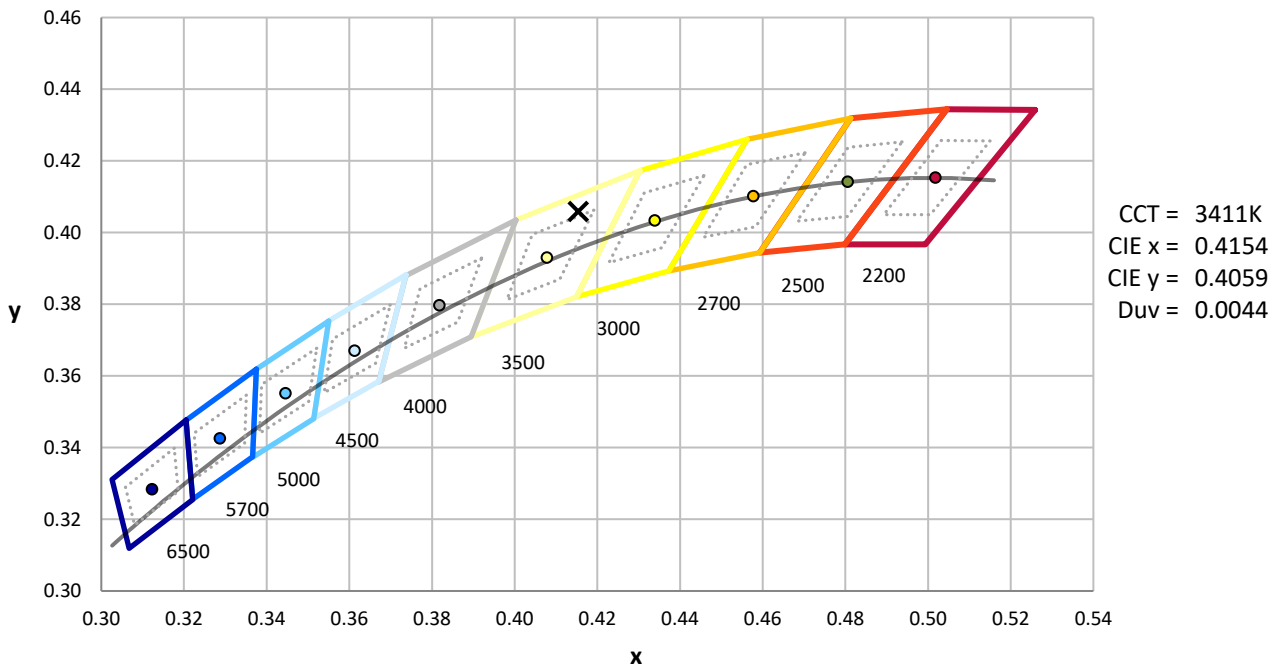
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



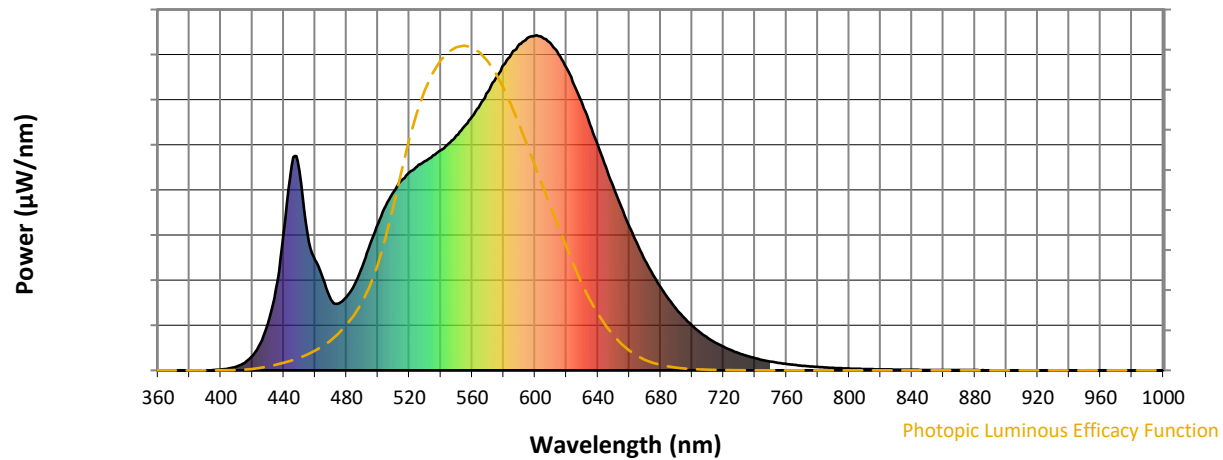
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

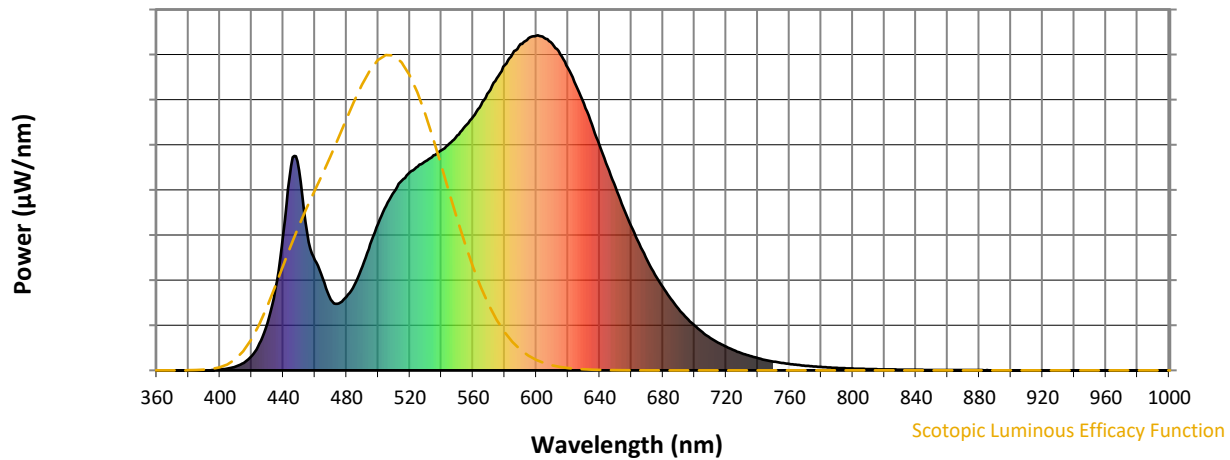


Photopic Lumens: NR

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



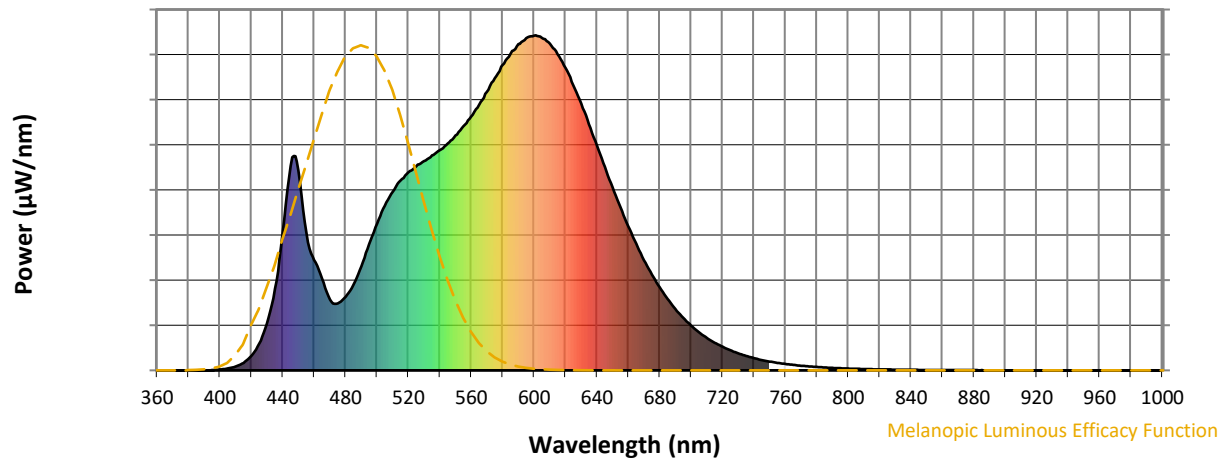
Scotopic Lumens: NR

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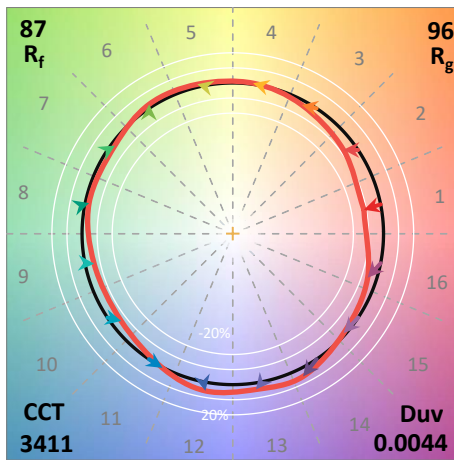
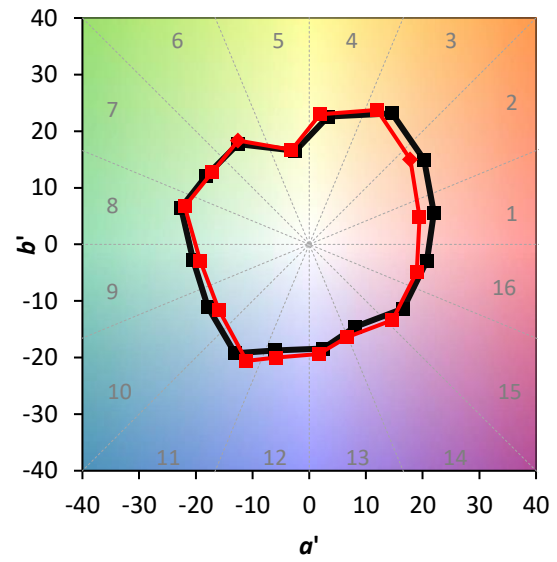
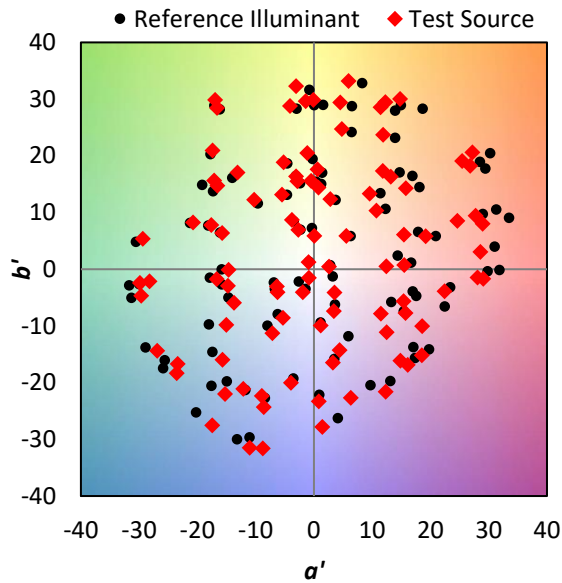
TM-30-18

Summary

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



Color Vector Graphics

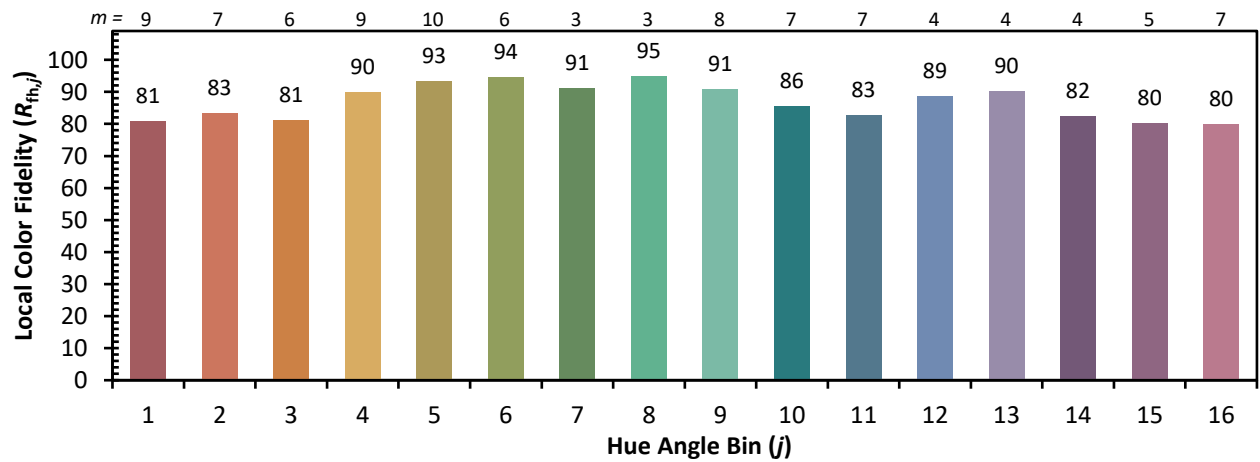
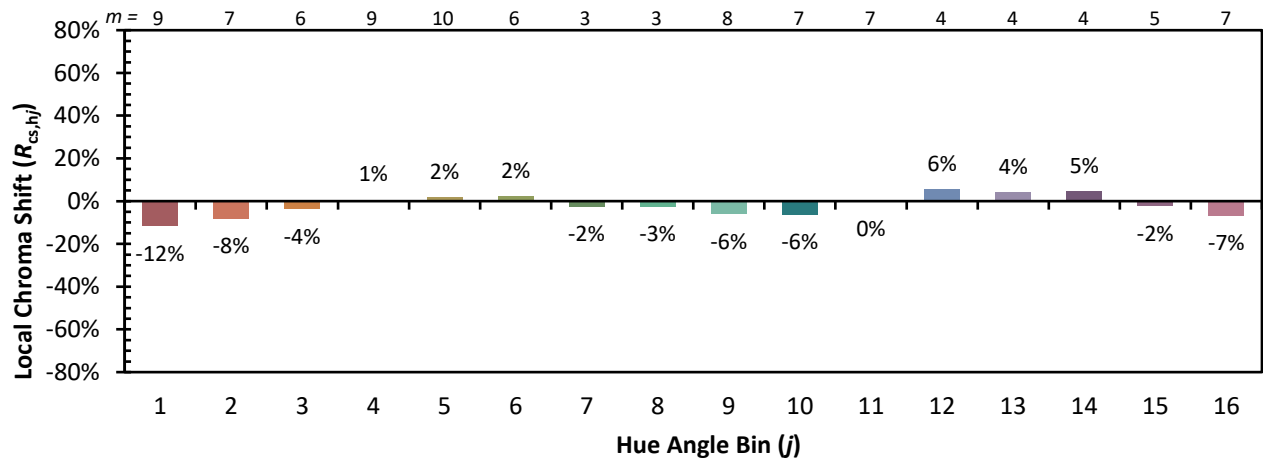


Individual Sample Fidelity Index ($R_{f,i}$)

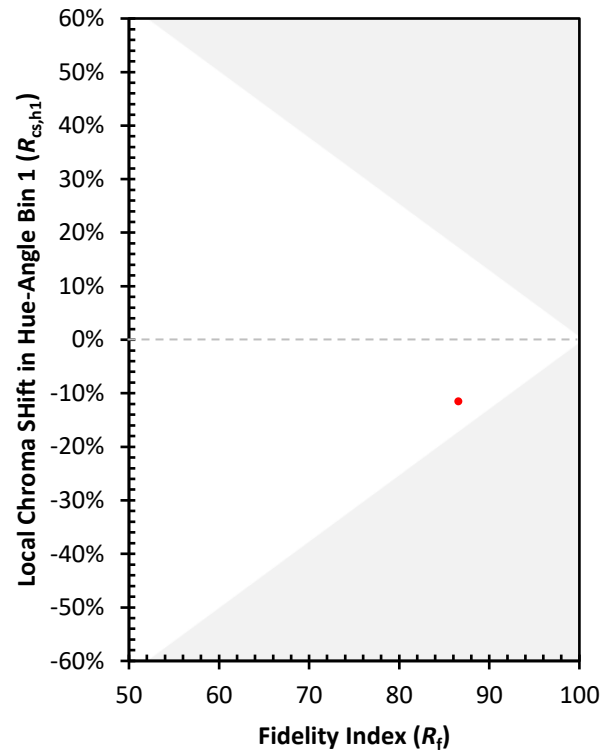
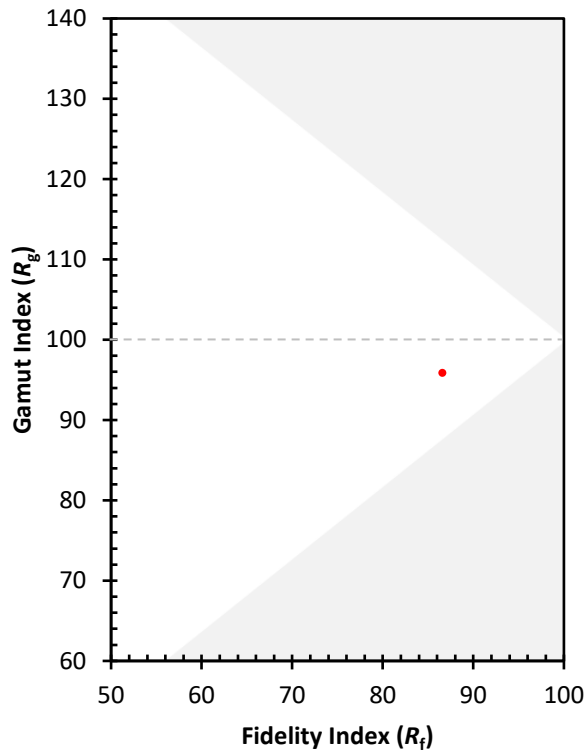
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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