

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: P1067136

Luminaire Tested: **NAV-SA3D-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067136
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3D-835-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16728.8 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 160.9
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

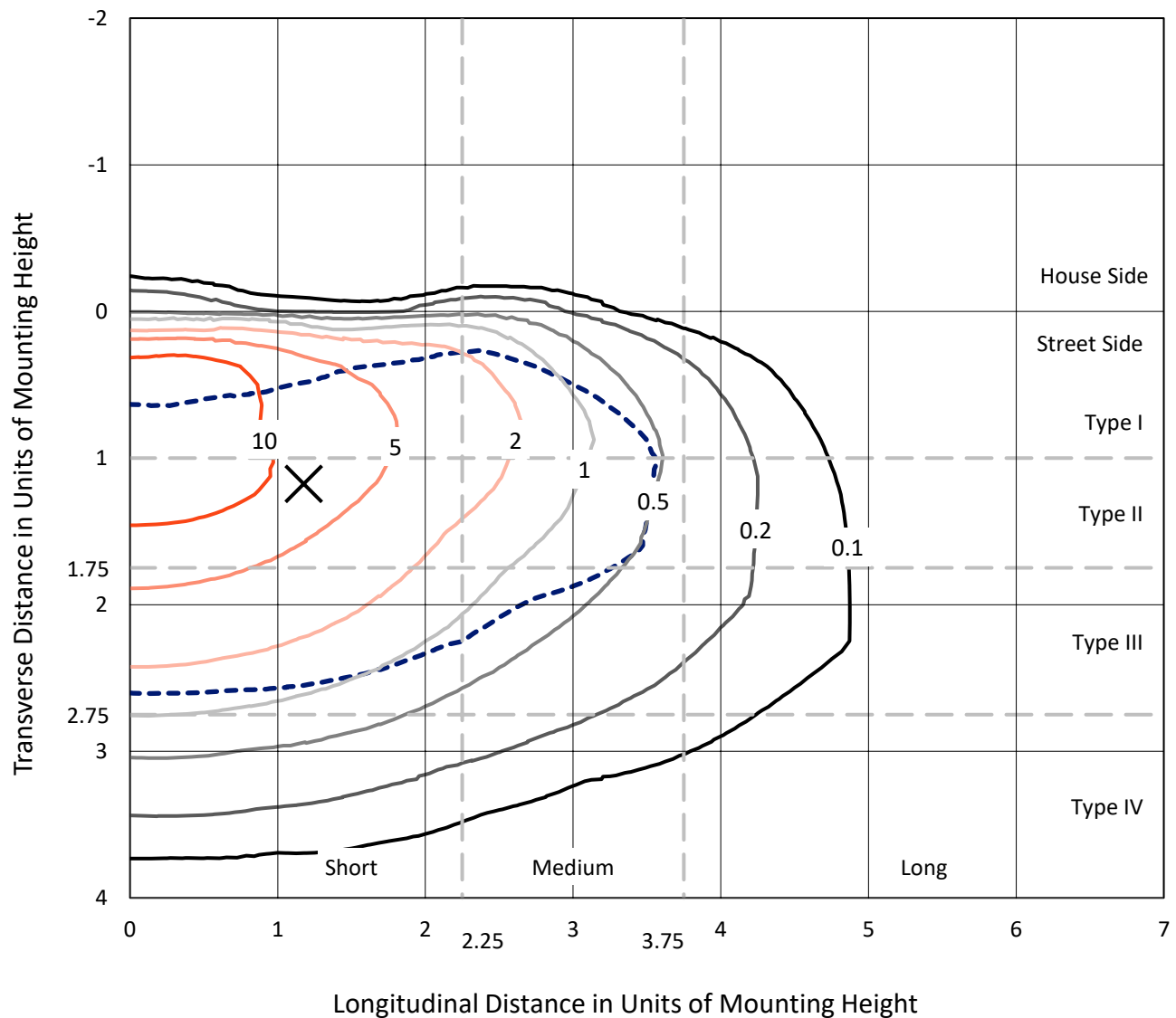


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

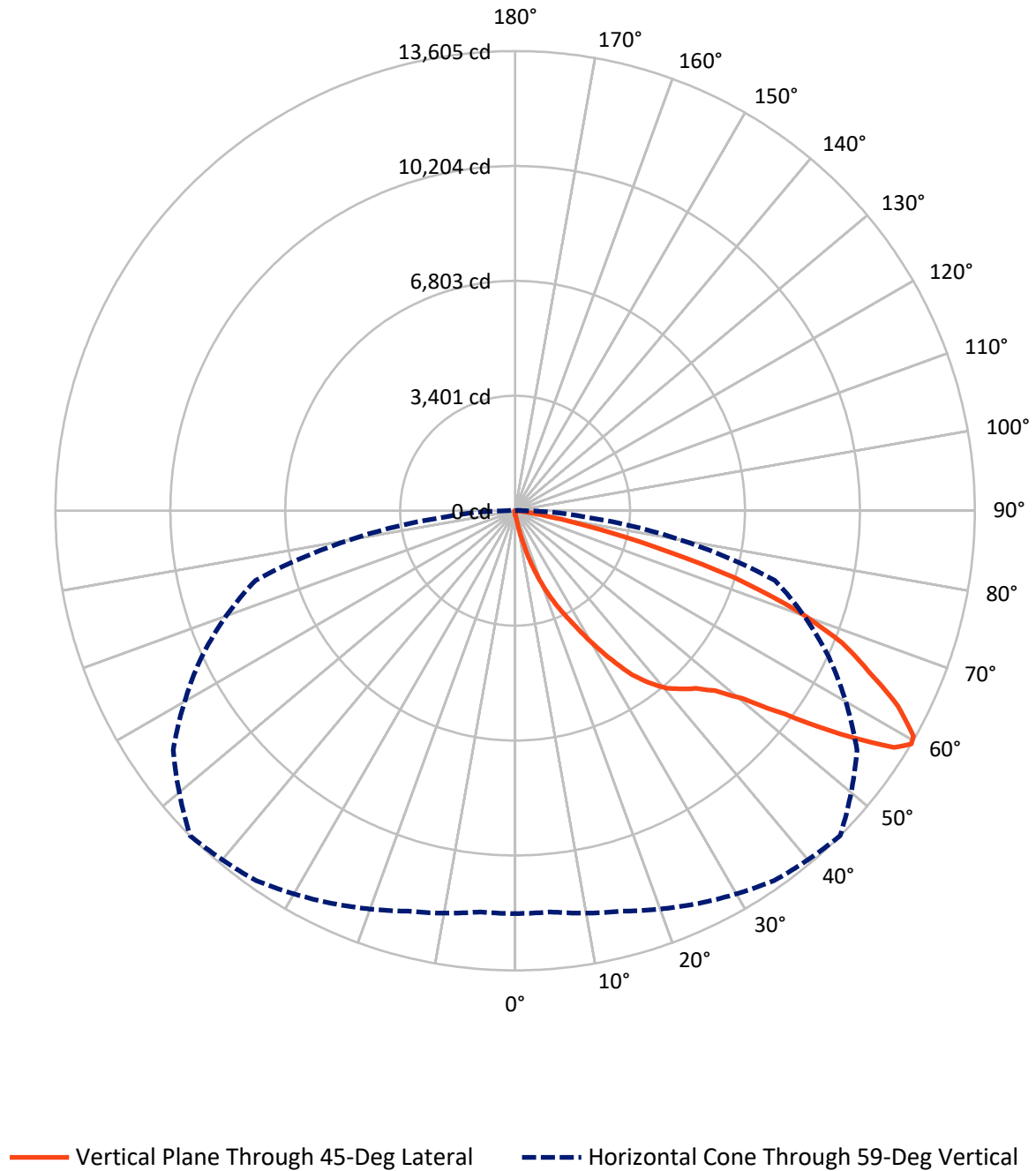


Based on 15 foot mounting height. Maximum calculated value = 18.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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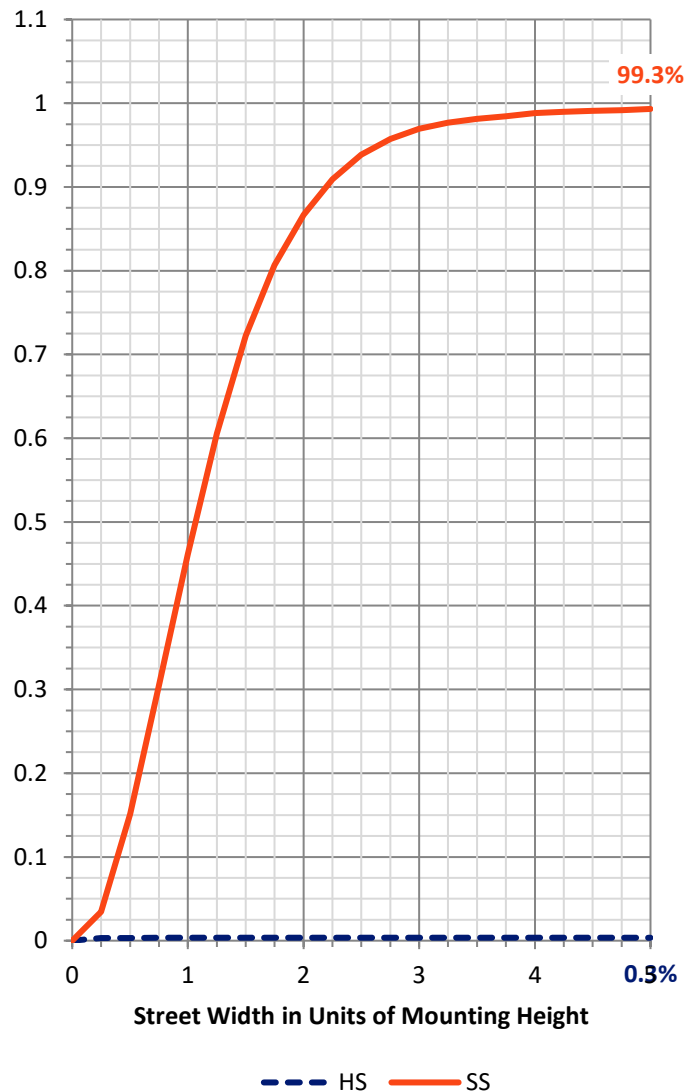
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	59.4	0.0	59.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16669.4	0.0	16669.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	16728.8	0.0	16728.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	0.1
10°-20°	184.9	1.1
20°-30°	664.4	4.0
30°-40°	1543.8	9.2
40°-50°	2631.4	15.7
50°-60°	4335.8	25.9
60°-70°	5013.1	30.0
70°-80°	2153.8	12.9
80°-90°	186.1	1.1
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°	16728.8	100.0
0°-180°	16728.8	100.0



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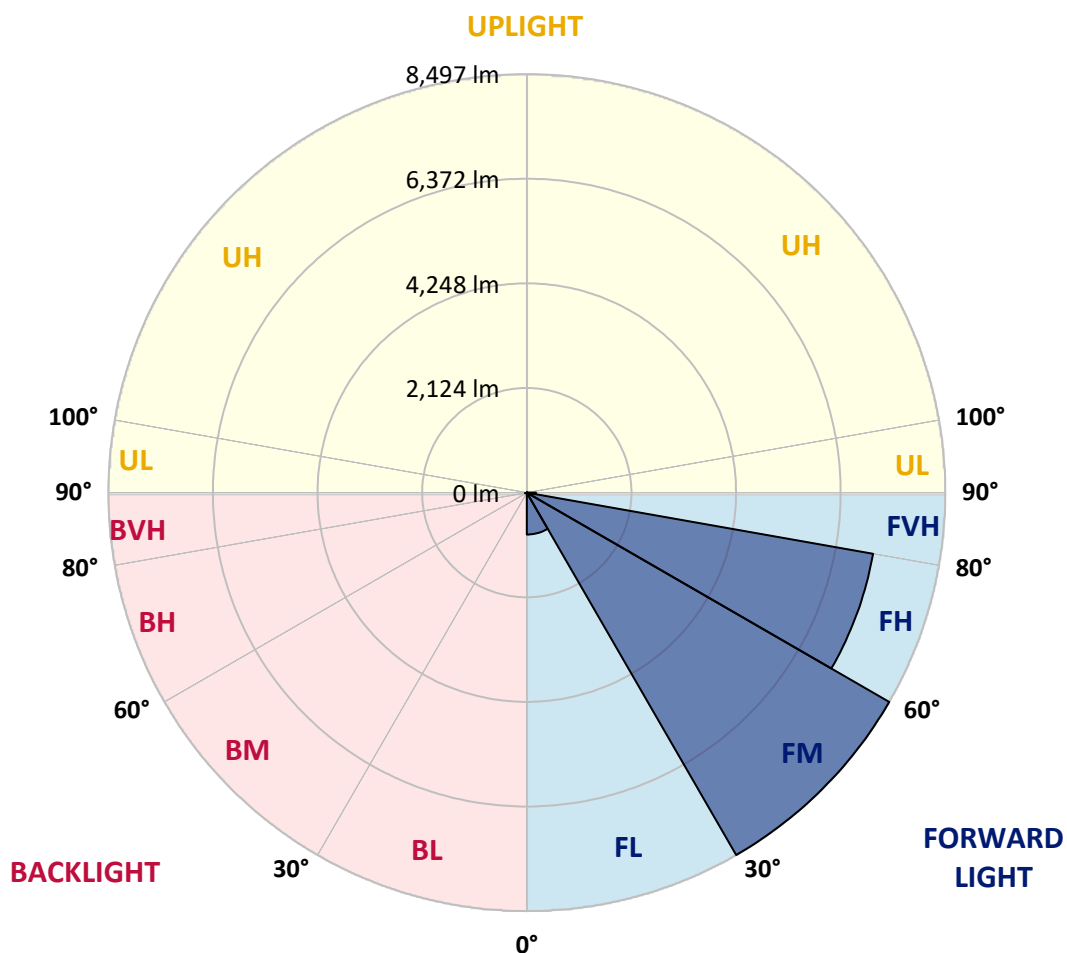
CATALOG NUMBER: NAV-SA3D-835-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	850.2	5.1			
FM	(30°-60°)	8496.6	50.8			
FH	(60°-80°)	7139.0	42.7			G3/7500
FVH	(80°-90°)	183.7	1.1			G2/225
BL	(0°-30°)	14.7	0.1	B0/110		
BM	(30°-60°)	14.4	0.1	B0/220		
BH	(60°-80°)	27.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.4	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-G3

Type III Short



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CATALOG NUMBER: NAV-SA3D-835-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
2.5°	137.2	137.2	133.9	129.4	128.2	124.9	124.9	121.5	117.0	113.6	109.1
5°	199.1	198.0	189.0	177.7	163.1	154.1	154.1	141.7	130.5	120.4	111.4
7.5°	435.3	425.2	392.6	338.6	267.7	220.5	217.1	176.6	149.6	129.4	112.5
10°	998.9	964.0	917.9	788.5	582.7	407.2	399.3	257.6	178.9	139.5	114.7
12.5°	1636.7	1664.8	1572.5	1368.9	1128.2	839.1	782.9	434.2	236.2	153.0	117.0
15°	2217.1	2210.3	2158.6	1992.1	1714.3	1329.6	1294.7	754.8	338.6	174.4	119.2
17.5°	2651.3	2643.4	2593.9	2487.0	2273.3	1888.6	1858.3	1203.6	530.9	204.7	121.5
20°	3109.1	3099.0	3029.2	2943.7	2757.0	2429.7	2393.7	1705.3	831.3	254.2	121.5
22.5°	3658.0	3638.9	3564.7	3419.5	3222.7	2938.1	2905.5	2218.2	1203.6	335.2	127.1
25°	4321.7	4289.1	4186.7	4056.2	3818.9	3440.9	3406.0	2789.6	1652.4	457.8	132.7
27.5°	5078.7	5084.3	4946.0	4725.5	4407.2	4021.3	3956.1	3301.4	2117.0	633.3	139.5
30°	5977.5	5921.2	5726.6	5470.1	5160.8	4669.3	4606.3	3811.0	2638.9	892.0	150.7
32.5°	6818.8	6758.1	6496.0	6173.2	5841.3	5322.8	5271.0	4383.5	3113.6	1198.0	171.0
35°	7541.0	7498.3	7131.6	6737.9	6443.1	5979.7	5964.0	5022.5	3671.5	1527.5	193.5
37.5°	8176.5	8098.9	7627.6	7219.3	6920.1	6505.0	6471.3	5607.4	4209.2	1910.0	227.2
40°	8718.7	8676.0	8101.2	7564.6	7321.7	6950.5	6907.7	6120.3	4764.9	2354.3	268.8
42.5°	9299.1	9242.9	8685.0	8083.2	7635.5	7238.4	7210.3	6543.3	5259.8	2842.5	330.7
45°	9954.9	9850.3	9361.0	8821.1	8140.5	7536.5	7505.0	6920.1	5767.1	3366.7	406.1
47.5°	10655.7	10564.6	10168.6	9789.6	9006.7	8028.1	7960.6	7240.7	6271.0	3971.8	501.7
50°	11368.9	11371.1	11074.2	10891.9	10065.2	8826.7	8731.1	7712.0	6800.8	4619.8	643.4
52.5°	12199.0	12220.4	12215.9	12080.9	11439.7	10132.7	10004.4	8427.4	7416.1	5375.7	839.1
55°	12546.6	12584.8	12833.4	13132.6	12958.3	11788.4	11651.2	9661.3	8231.7	6218.2	1129.3
57.5°	12262.0	12304.7	12647.8	13172.0	13572.4	13238.4	13222.6	11267.6	9305.9	7239.5	1604.0
59°	11923.4	11917.8	12269.9	12825.5	13365.5	13582.6	13605.1	12354.2	10241.8	7956.1	2013.5
60°	11698.4	11702.9	11936.9	12507.2	13080.9	13457.7	13545.4	12994.3	10788.4	8471.2	2364.4
62.5°	10830.1	10881.8	11067.4	11597.2	12141.6	12562.3	12711.9	13564.6	12353.1	9688.3	3584.9
65°	9886.3	9889.7	10154.0	10607.3	11129.3	11425.1	11519.6	12677.1	13398.1	10927.9	5185.6
67.5°	8202.4	8271.0	8571.4	9305.9	9995.4	10370.0	10442.0	11034.8	12965.0	11735.6	5987.6
70°	5740.1	5830.1	6258.7	7211.4	8238.4	8853.7	8849.2	9173.2	11410.5	11375.6	5076.4
72.5°	2866.1	3021.3	3371.2	4391.4	5635.5	6601.7	6805.3	7379.0	9166.4	9448.7	3787.4
75°	1266.6	1275.6	1474.7	1988.7	2800.9	4028.1	4210.3	5857.1	7032.6	6566.9	2735.6
77.5°	736.8	743.5	779.5	893.1	1135.0	1974.1	2178.8	3841.4	4969.6	3816.6	1784.0
80°	267.7	274.5	273.3	338.6	497.2	777.3	866.1	1861.6	3314.9	2010.1	934.8
82.5°	164.2	164.2	158.6	159.7	181.1	298.1	326.2	793.0	1614.2	989.9	267.7
85°	81.0	85.5	91.1	102.4	121.5	147.4	156.4	227.2	543.3	239.6	64.1
87.5°	48.4	49.5	54.0	65.2	81.0	105.7	112.5	154.1	194.6	160.9	15.7
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-SA3D-835-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7	105.7
2.5°	106.9	105.7	100.1	95.6	91.1	86.6	83.2	79.9	79.9	81.0	79.9
5°	106.9	102.4	93.4	85.5	78.7	73.1	67.5	63.0	61.9	61.9	63.0
7.5°	105.7	100.1	87.7	77.6	68.6	60.7	55.1	49.5	48.4	49.5	48.4
10°	104.6	97.9	83.2	70.9	58.5	50.6	42.7	37.1	37.1	37.1	38.2
12.5°	104.6	94.5	78.7	64.1	50.6	41.6	33.7	28.1	27.0	27.0	27.0
15°	103.5	92.2	74.2	56.2	42.7	31.5	24.7	19.1	19.1	19.1	19.1
17.5°	101.2	88.9	68.6	49.5	33.7	23.6	16.9	11.2	11.2	13.5	13.5
20°	99.0	85.5	61.9	40.5	28.1	18.0	11.2	6.7	6.7	10.1	11.2
22.5°	100.1	85.5	57.4	36.0	22.5	13.5	9.0	5.6	4.5	7.9	10.1
25°	101.2	83.2	51.7	31.5	16.9	10.1	6.7	2.2	1.1	2.2	3.4
27.5°	101.2	81.0	45.0	24.7	12.4	7.9	3.4	0.0	0.0	0.0	0.0
30°	100.1	77.6	39.4	20.2	9.0	4.5	1.1	0.0	0.0	0.0	0.0
32.5°	99.0	74.2	36.0	15.7	7.9	2.2	0.0	0.0	0.0	0.0	0.0
35°	100.1	69.7	31.5	12.4	4.5	0.0	0.0	0.0	0.0	0.0	2.2
37.5°	103.5	65.2	27.0	10.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	108.0	61.9	22.5	7.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	117.0	61.9	20.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	128.2	61.9	16.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	142.9	63.0	14.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	160.9	65.2	13.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	174.4	63.0	12.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	198.0	60.7	11.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	229.5	57.4	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	261.0	52.9	11.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	297.0	50.6	10.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	490.4	45.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	947.1	42.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1530.9	42.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1609.7	42.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1070.9	34.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	573.7	31.5	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	309.3	29.2	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	136.1	21.4	5.6	3.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	54.0	14.6	6.7	5.6	4.5	2.2	0.0	0.0	0.0	0.0	0.0
85°	25.9	11.2	9.0	7.9	5.6	3.4	0.0	0.0	0.0	0.0	0.0
87.5°	12.4	11.2	10.1	9.0	7.9	5.6	1.1	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

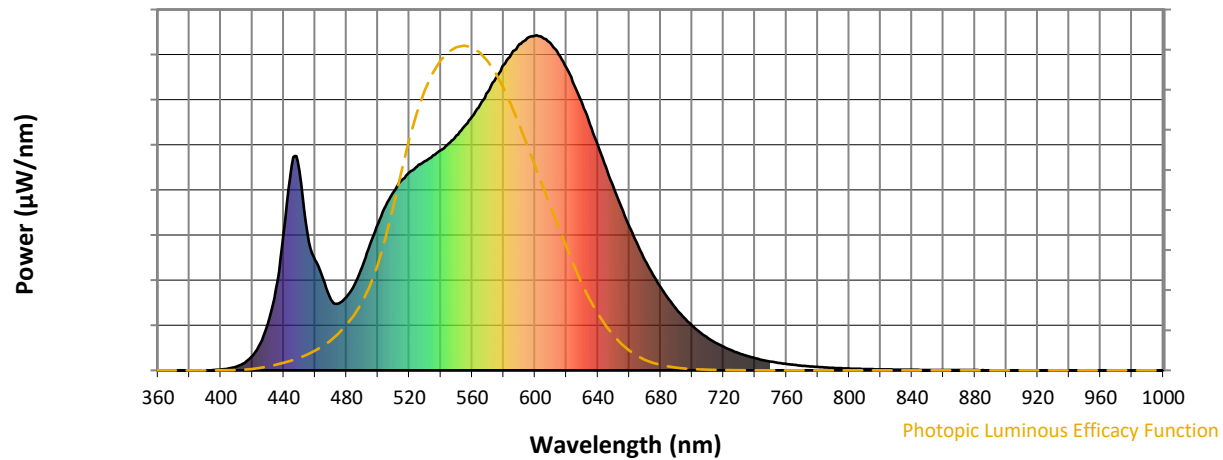
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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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Photopic Flux vs. Wavelength

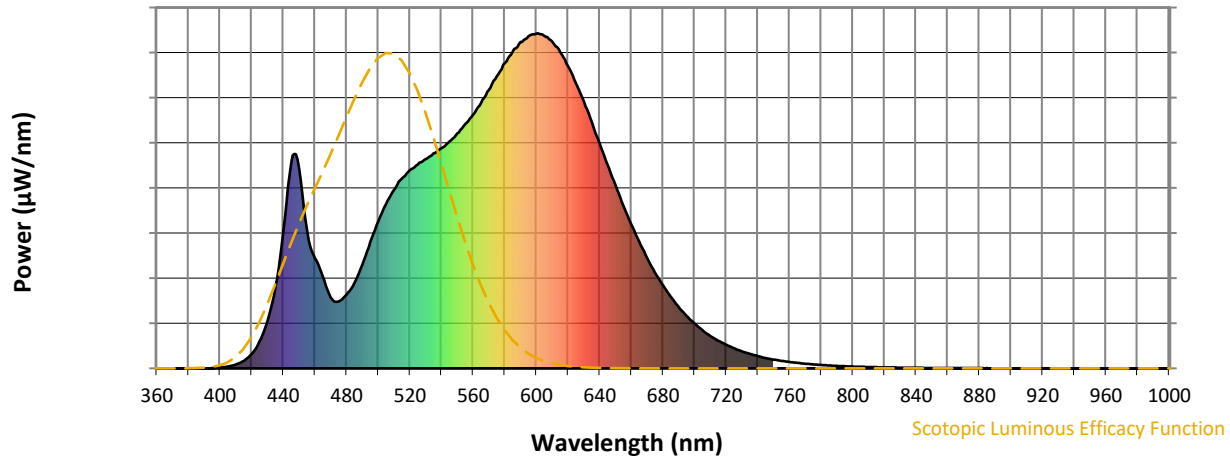


Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



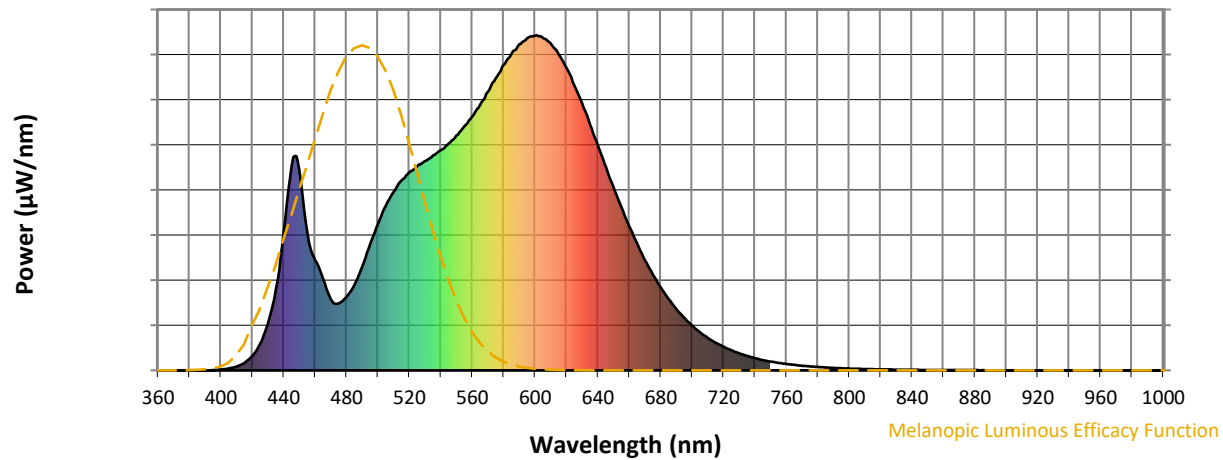
Scotopic Lumens: NR

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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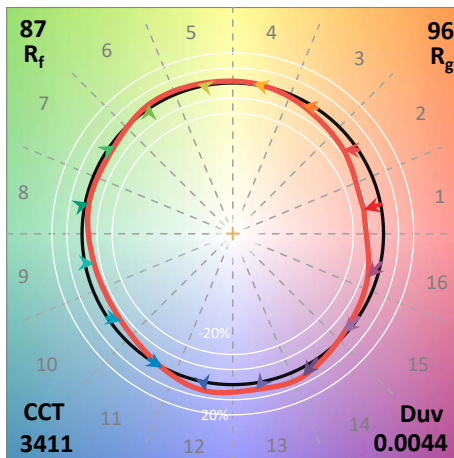
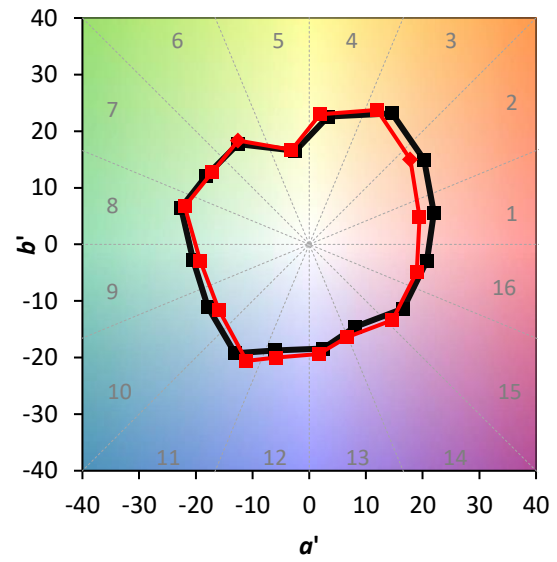
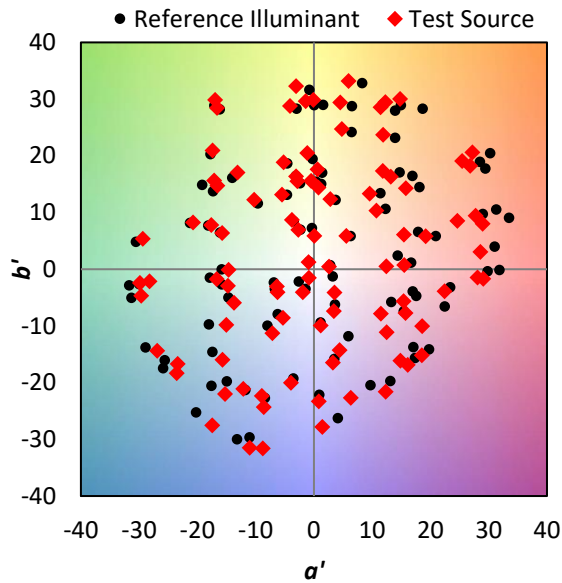
TM-30-18

Summary

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



Color Vector Graphics

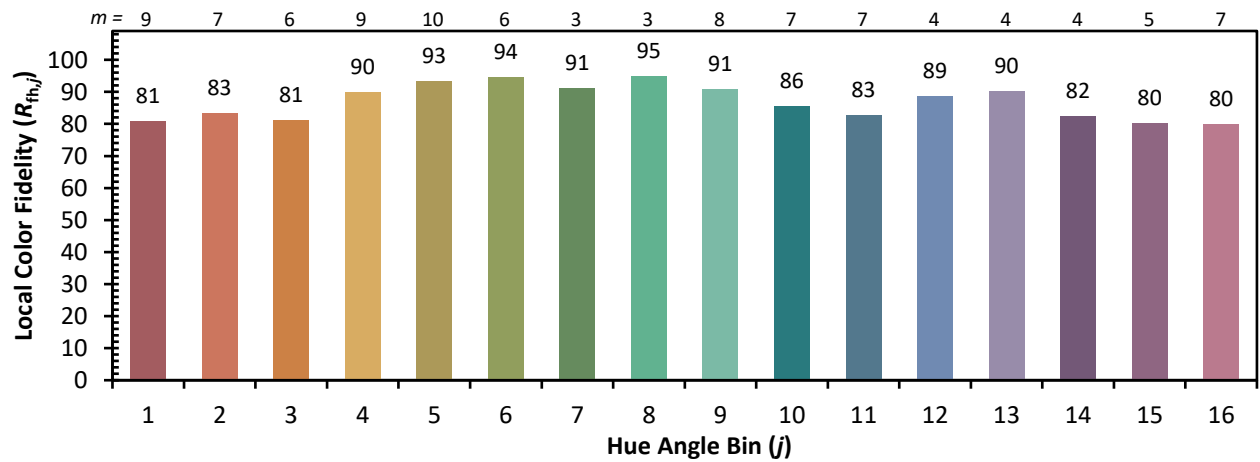
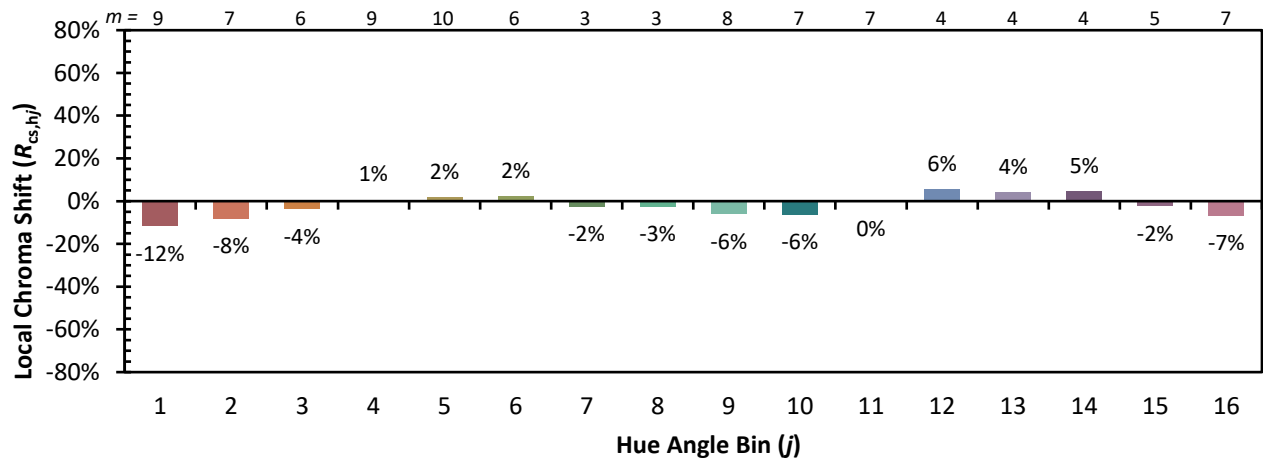


Individual Sample Fidelity Index ($R_{f,i}$)

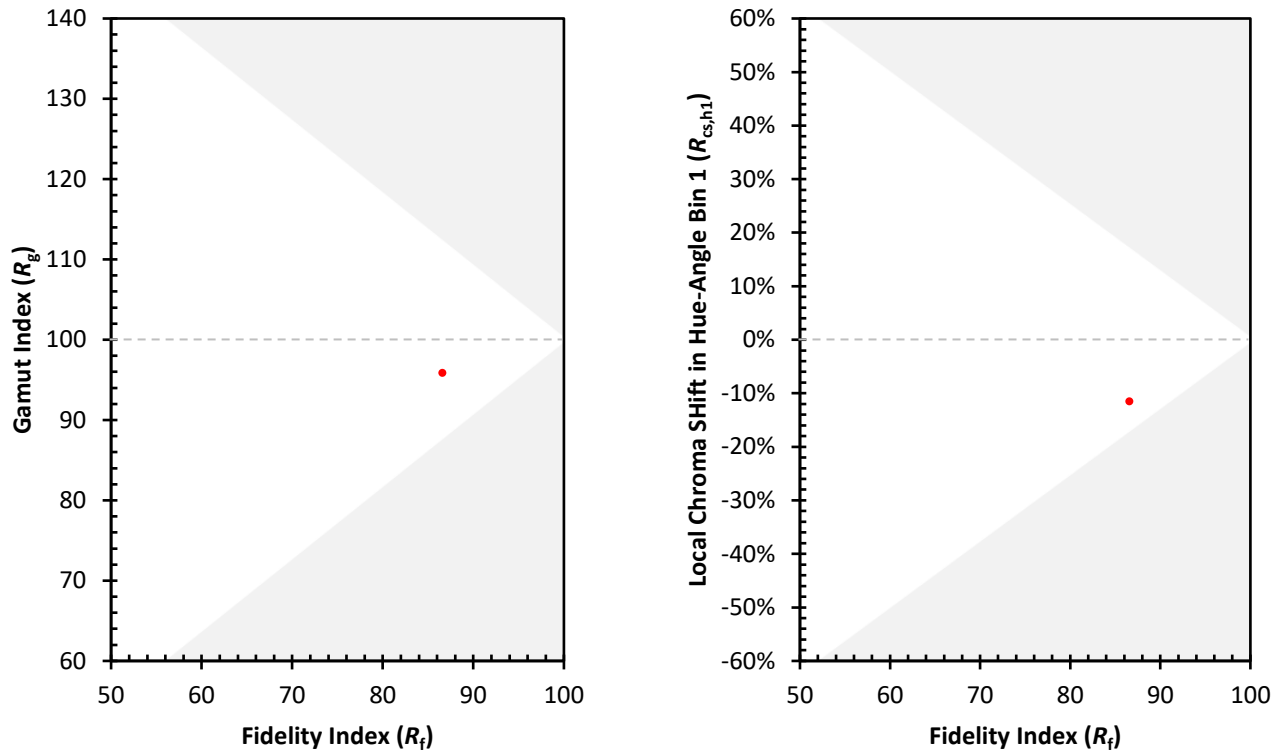
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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