

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: P1067145

Luminaire Tested: **NAV-SA6A-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067145
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-835-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19571.2 lumens
Efficiency: N/A
Efficacy: 121.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 161.6
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

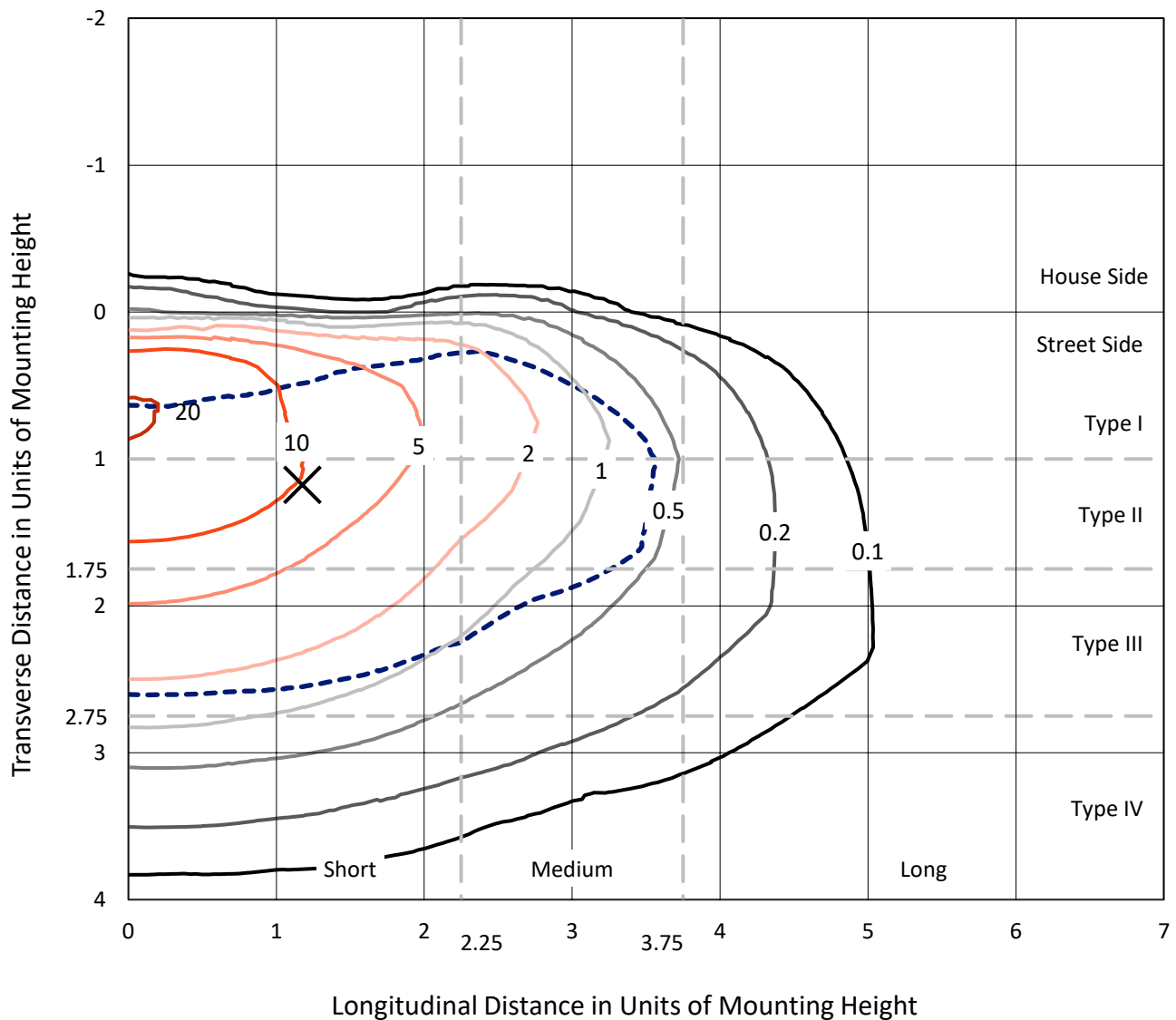


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

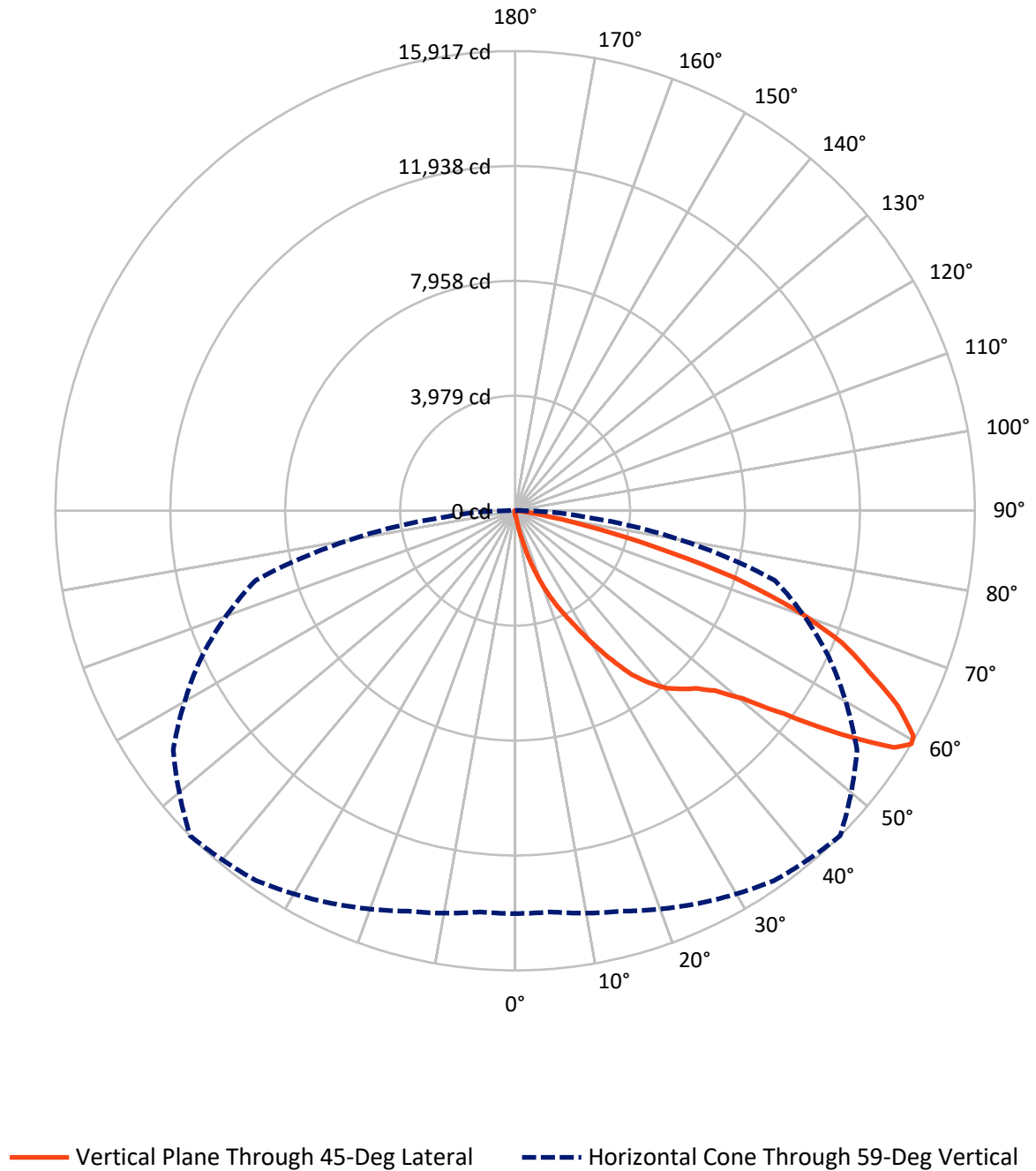


Based on 15 foot mounting height. Maximum calculated value = 21.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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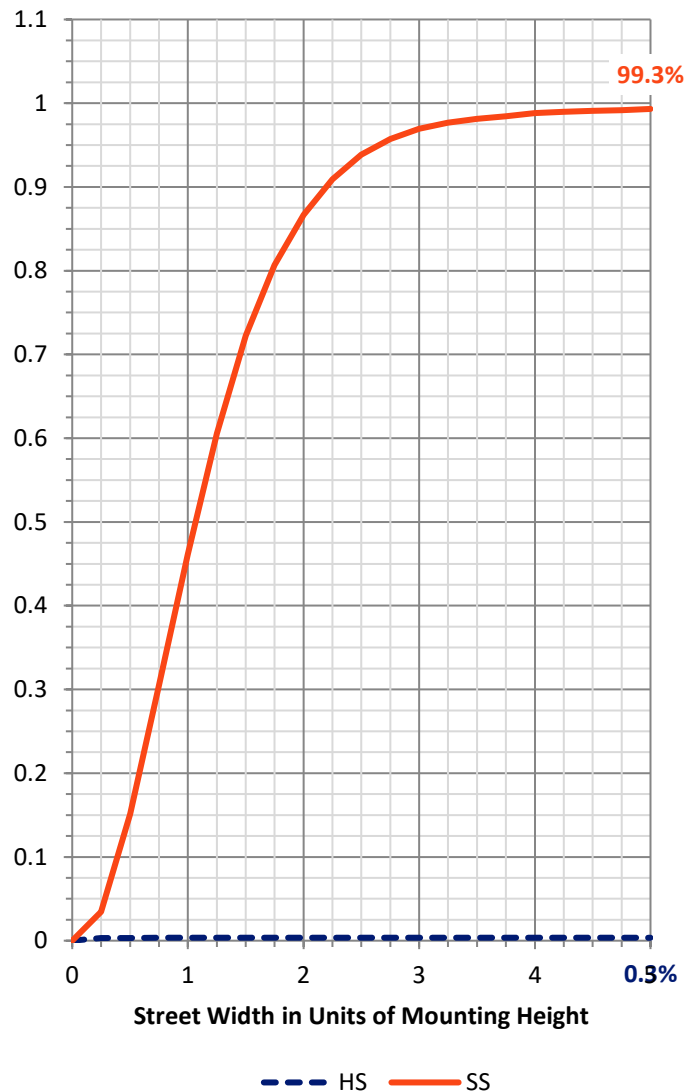
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	69.5	0.0	69.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19501.7	0.0	19501.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	19571.2	0.0	19571.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.2	0.1
10°-20°	216.3	1.1
20°-30°	777.3	4.0
30°-40°	1806.1	9.2
40°-50°	3078.5	15.7
50°-60°	5072.5	25.9
60°-70°	5864.9	30.0
70°-80°	2519.7	12.9
80°-90°	217.7	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°	19571.2	100.0
0°-180°	19571.2	100.0



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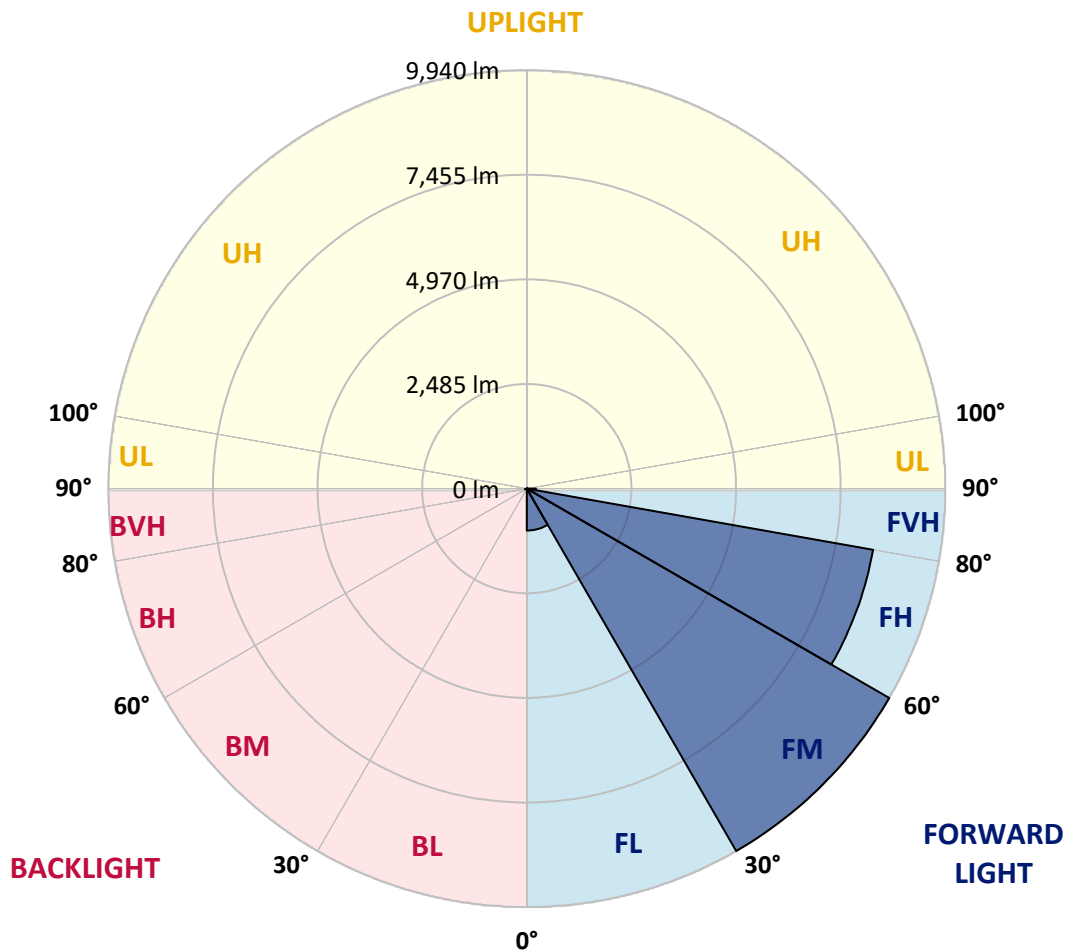
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	994.6	5.1			
FM	(30°-60°)	9940.2	50.8			
FH	(60°-80°)	8351.9	42.7			G4/12000
FVH	(80°-90°)	214.9	1.1			G2/225
BL	(0°-30°)	17.1	0.1	B0/110		
BM	(30°-60°)	16.8	0.1	B0/220		
BH	(60°-80°)	32.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7
2.5°	160.5	160.5	156.6	151.3	150.0	146.1	146.1	142.1	136.9	132.9	127.6
5°	232.9	231.6	221.1	207.9	190.8	180.3	180.3	165.8	152.7	140.8	130.3
7.5°	509.3	497.4	459.3	396.1	313.2	257.9	254.0	206.6	175.0	151.3	131.6
10°	1168.6	1127.8	1073.8	922.5	681.7	476.4	467.2	301.4	209.2	163.2	134.2
12.5°	1914.7	1947.6	1839.7	1601.5	1319.9	981.7	915.9	508.0	276.4	179.0	136.9
15°	2593.8	2585.9	2525.3	2330.6	2005.5	1555.5	1514.7	883.0	396.1	204.0	139.5
17.5°	3101.7	3092.5	3034.6	2909.6	2659.6	2209.5	2174.0	1408.1	621.1	239.5	142.1
20°	3637.3	3625.5	3543.9	3443.9	3225.4	2842.5	2800.4	1995.0	972.5	297.4	142.1
22.5°	4279.5	4257.2	4170.3	4000.6	3770.3	3437.3	3399.2	2595.1	1408.1	392.2	148.7
25°	5056.0	5017.8	4898.0	4745.4	4467.7	4025.6	3984.8	3263.6	1933.2	535.6	155.3
27.5°	5941.6	5948.2	5786.3	5528.4	5156.0	4704.6	4628.3	3862.4	2476.7	740.9	163.2
30°	6993.1	6927.3	6699.6	6399.6	6037.7	5462.6	5388.9	4458.5	3087.3	1043.6	176.3
32.5°	7977.4	7906.4	7599.7	7222.1	6833.8	6227.2	6166.6	5128.3	3642.6	1401.5	200.0
35°	8822.3	8772.3	8343.3	7882.7	7537.9	6995.7	6977.3	5875.8	4295.3	1787.1	226.3
37.5°	9565.8	9475.0	8923.6	8445.9	8095.9	7610.3	7570.8	6560.1	4924.4	2234.5	265.8
40°	10200.1	10150.1	9477.6	8849.9	8565.7	8131.4	8081.4	7160.2	5574.5	2754.3	314.5
42.5°	10879.1	10813.3	10160.6	9456.6	8932.8	8468.3	8435.4	7655.0	6153.5	3325.5	386.9
45°	11646.4	11524.0	10951.5	10319.9	9523.7	8817.0	8780.2	8095.9	6747.0	3938.7	475.1
47.5°	12466.2	12359.6	11896.4	11452.9	10537.0	9392.1	9313.1	8470.9	7336.5	4646.7	586.9
50°	13300.5	13303.2	12955.7	12742.6	11775.3	10326.4	10214.6	9022.3	7956.4	5404.7	752.7
52.5°	14271.7	14296.7	14291.5	14133.5	13383.4	11854.3	11704.3	9859.3	8676.2	6289.0	981.7
55°	14678.3	14723.1	15013.9	15364.0	15160.0	13791.4	13630.8	11302.9	9630.3	7274.7	1321.2
57.5°	14345.4	14395.4	14796.8	15410.0	15878.5	15487.7	15469.2	13182.1	10887.0	8469.6	1876.6
59°	13949.3	13942.7	14354.6	15004.7	15636.4	15890.4	15916.7	14453.3	11981.9	9307.9	2355.6
60°	13686.1	13691.4	13965.1	14632.3	15303.4	15744.3	15846.9	15202.1	12621.5	9910.6	2766.2
62.5°	12670.2	12730.7	12947.8	13567.7	14204.6	14696.8	14871.8	15869.3	14452.0	11334.5	4194.0
65°	11566.1	11570.0	11879.3	12409.6	13020.2	13366.3	13476.9	14831.0	15674.5	12784.7	6066.6
67.5°	9596.1	9676.3	10027.7	10887.0	11693.7	12131.9	12216.2	12909.7	15167.9	13729.5	7004.9
70°	6715.4	6820.7	7322.1	8436.7	9638.2	10358.0	10352.7	10731.7	13349.2	13308.4	5939.0
72.5°	3353.1	3534.7	3944.0	5137.6	6593.0	7723.4	7961.6	8632.8	10723.9	11054.2	4430.9
75°	1481.8	1492.3	1725.2	2326.6	3276.8	4712.5	4925.7	6852.3	8227.5	7682.6	3200.4
77.5°	862.0	869.9	912.0	1044.9	1327.8	2309.5	2549.0	4494.0	5814.0	4465.1	2087.1
80°	313.2	321.1	319.8	396.1	581.7	909.3	1013.3	2177.9	3878.2	2351.6	1093.6
82.5°	192.1	192.1	185.6	186.9	211.9	348.7	381.6	927.8	1888.4	1158.1	313.2
85°	94.7	100.0	106.6	119.8	142.1	172.4	182.9	265.8	635.6	280.3	75.0
87.5°	56.6	57.9	63.2	76.3	94.7	123.7	131.6	180.3	227.7	188.2	18.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7	123.7
2.5°	125.0	123.7	117.1	111.9	106.6	101.3	97.4	93.4	93.4	94.7	93.4
5°	125.0	119.8	109.2	100.0	92.1	85.5	79.0	73.7	72.4	72.4	73.7
7.5°	123.7	117.1	102.6	90.8	80.3	71.1	64.5	57.9	56.6	57.9	56.6
10°	122.4	114.5	97.4	82.9	68.4	59.2	50.0	43.4	43.4	43.4	44.7
12.5°	122.4	110.5	92.1	75.0	59.2	48.7	39.5	32.9	31.6	31.6	31.6
15°	121.1	107.9	86.9	65.8	50.0	36.8	29.0	22.4	22.4	22.4	22.4
17.5°	118.4	104.0	80.3	57.9	39.5	27.6	19.7	13.2	13.2	15.8	15.8
20°	115.8	100.0	72.4	47.4	32.9	21.1	13.2	7.9	7.9	11.8	13.2
22.5°	117.1	100.0	67.1	42.1	26.3	15.8	10.5	6.6	5.3	9.2	11.8
25°	118.4	97.4	60.5	36.8	19.7	11.8	7.9	2.6	1.3	2.6	3.9
27.5°	118.4	94.7	52.6	29.0	14.5	9.2	3.9	0.0	0.0	0.0	0.0
30°	117.1	90.8	46.1	23.7	10.5	5.3	1.3	0.0	0.0	0.0	0.0
32.5°	115.8	86.9	42.1	18.4	9.2	2.6	0.0	0.0	0.0	0.0	0.0
35°	117.1	81.6	36.8	14.5	5.3	0.0	0.0	0.0	0.0	0.0	2.6
37.5°	121.1	76.3	31.6	11.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	126.3	72.4	26.3	9.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	136.9	72.4	23.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	150.0	72.4	19.7	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	167.1	73.7	17.1	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	188.2	76.3	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	204.0	73.7	14.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	231.6	71.1	13.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	268.5	67.1	13.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	305.3	61.9	13.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	347.4	59.2	11.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	573.8	52.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1108.0	50.0	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1791.0	50.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1883.2	50.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1252.8	40.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	671.1	36.8	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	361.9	34.2	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	159.2	25.0	6.6	3.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	63.2	17.1	7.9	6.6	5.3	2.6	0.0	0.0	0.0	0.0	0.0
85°	30.3	13.2	10.5	9.2	6.6	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.5	13.2	11.8	10.5	9.2	6.6	1.3	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

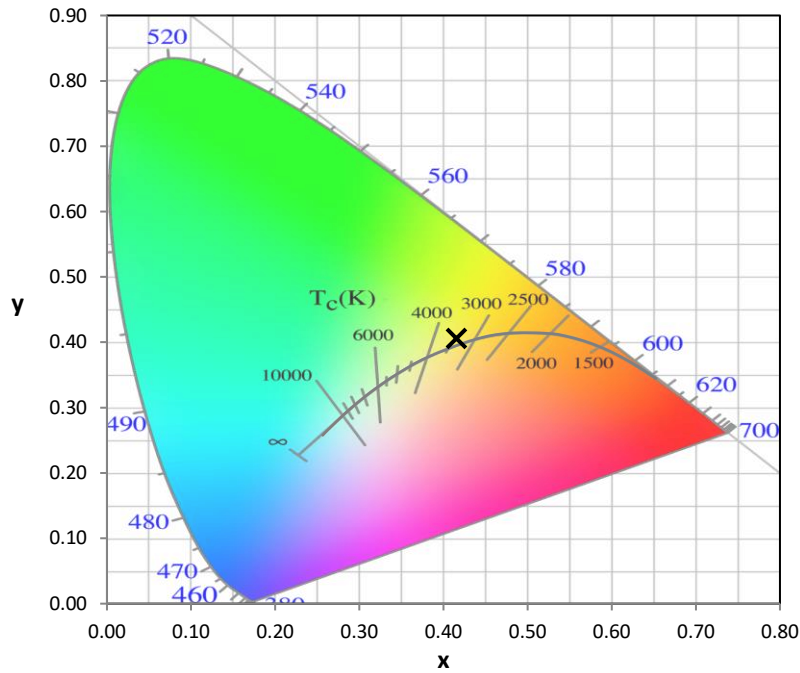
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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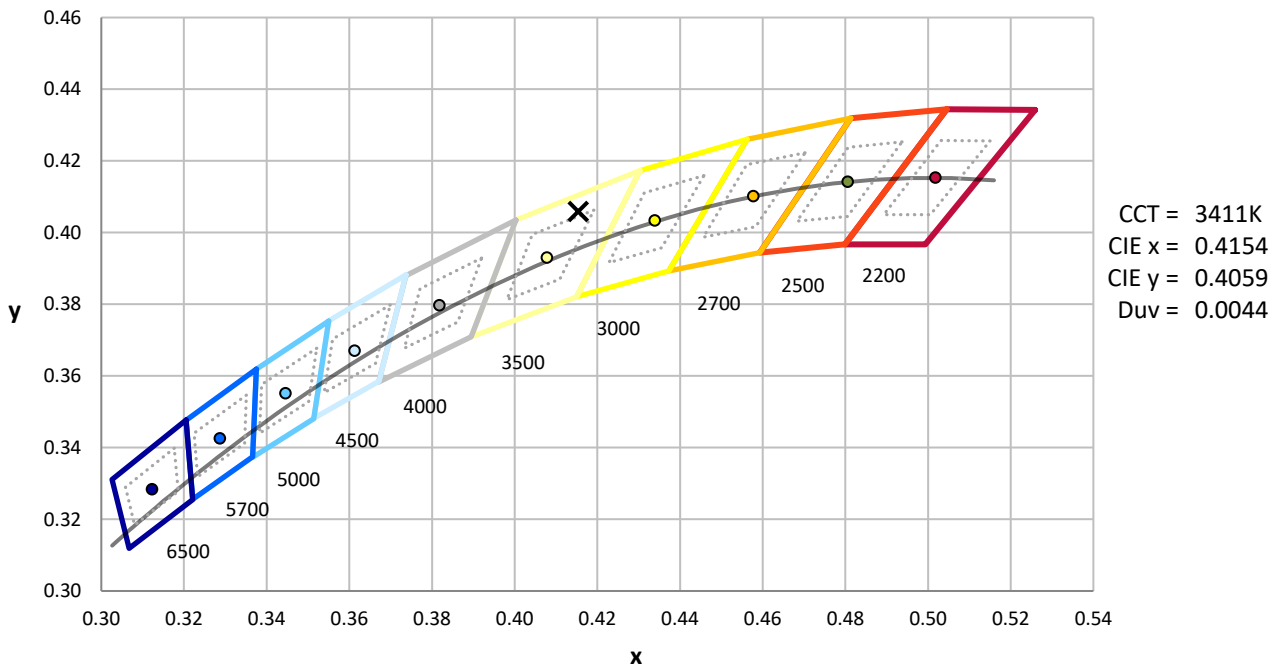
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



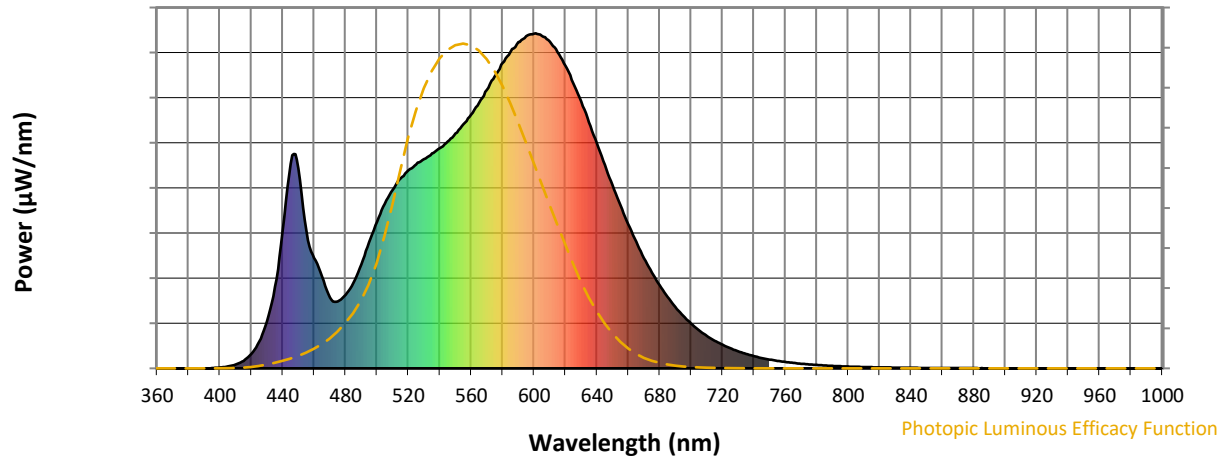
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

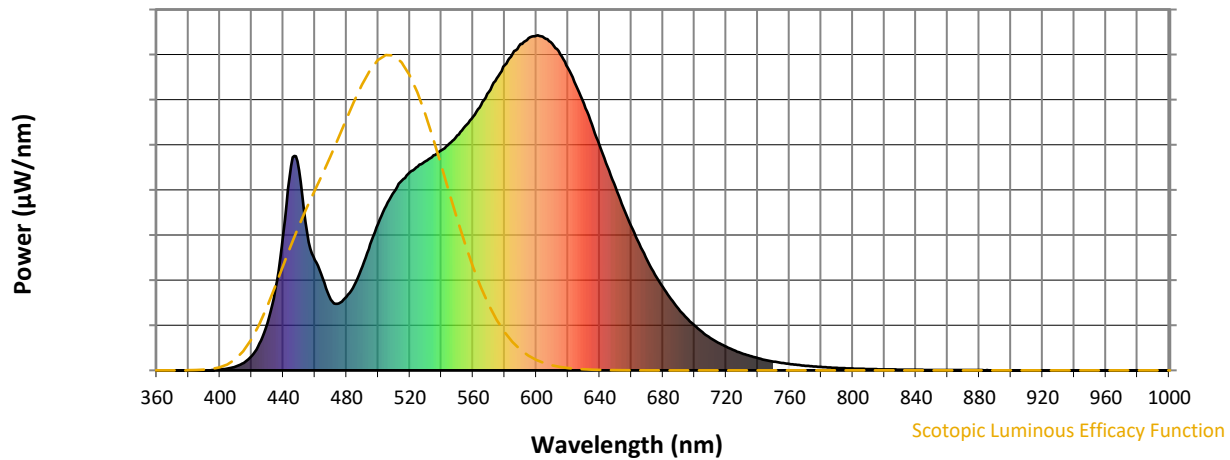


Photopic Lumens: NR

λ (nm)	Power 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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Scotopic Flux vs. Wavelength



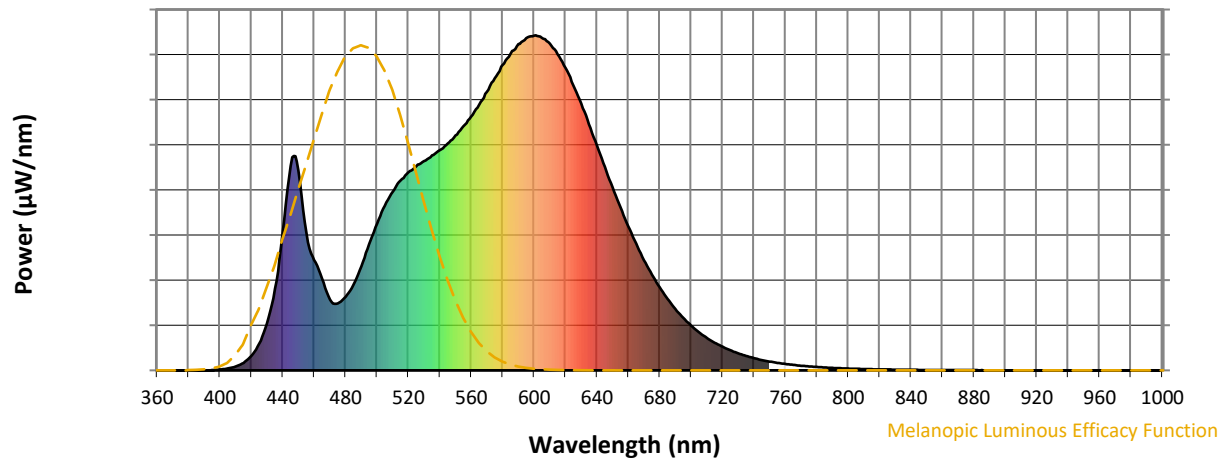
Scotopic Lumens: NR

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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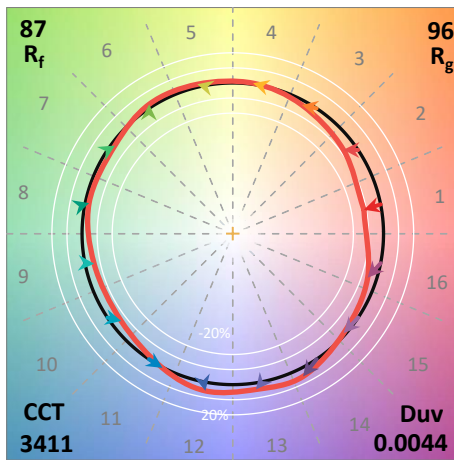
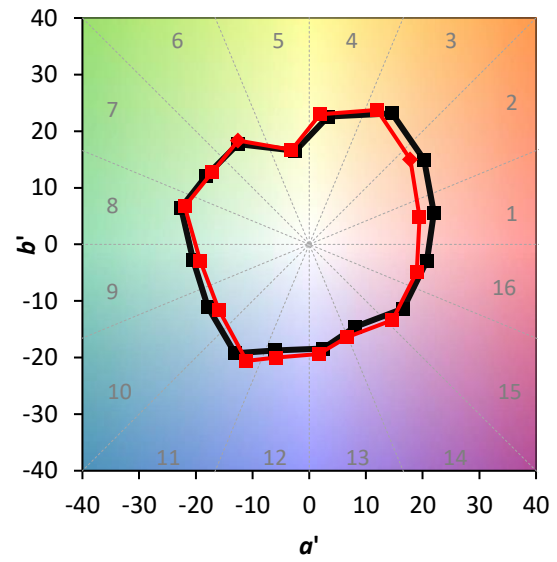
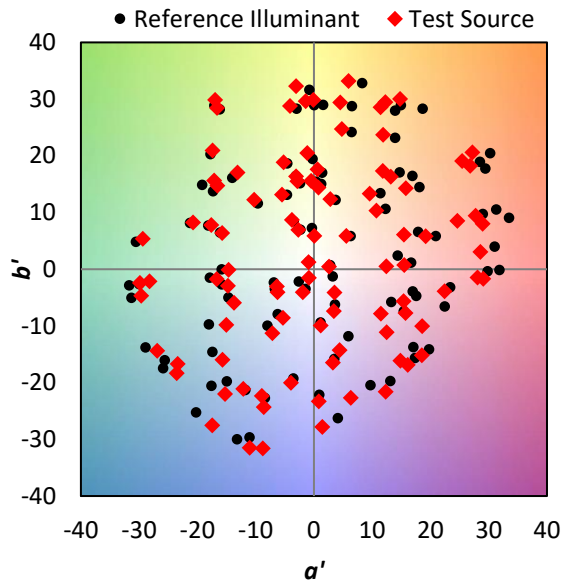
TM-30-18

Summary

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



Color Vector Graphics

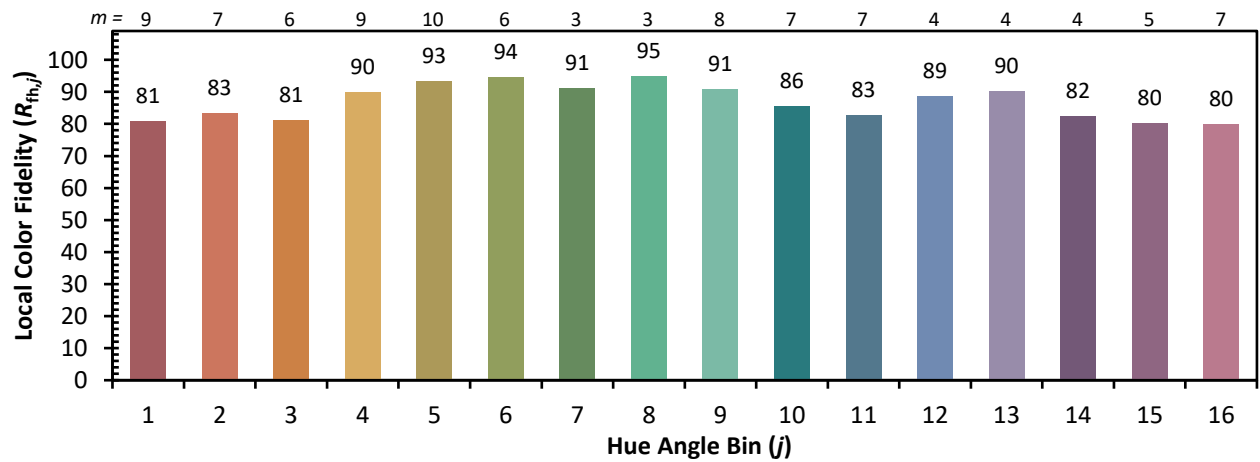
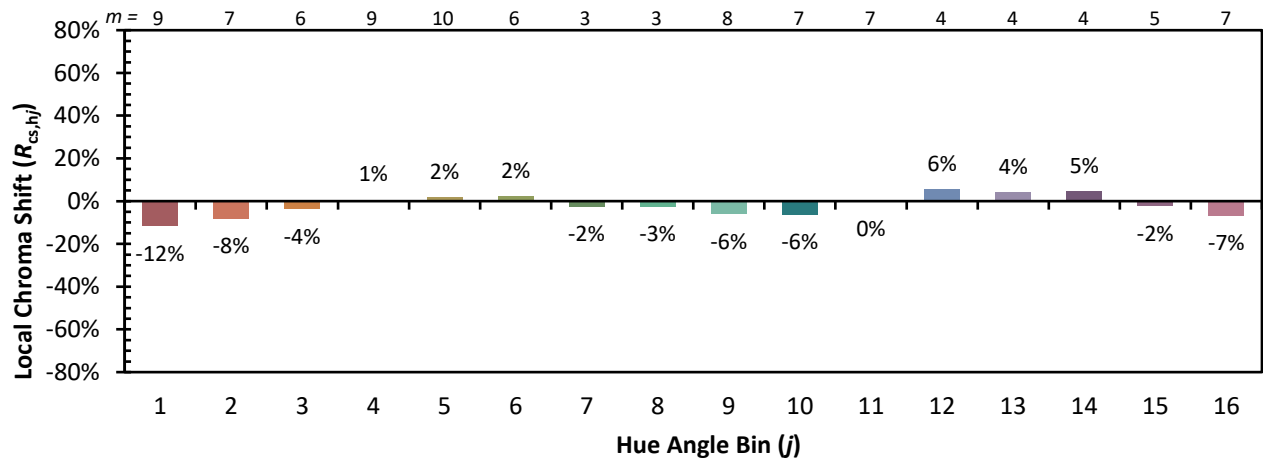


Individual Sample Fidelity Index ($R_{f,i}$)

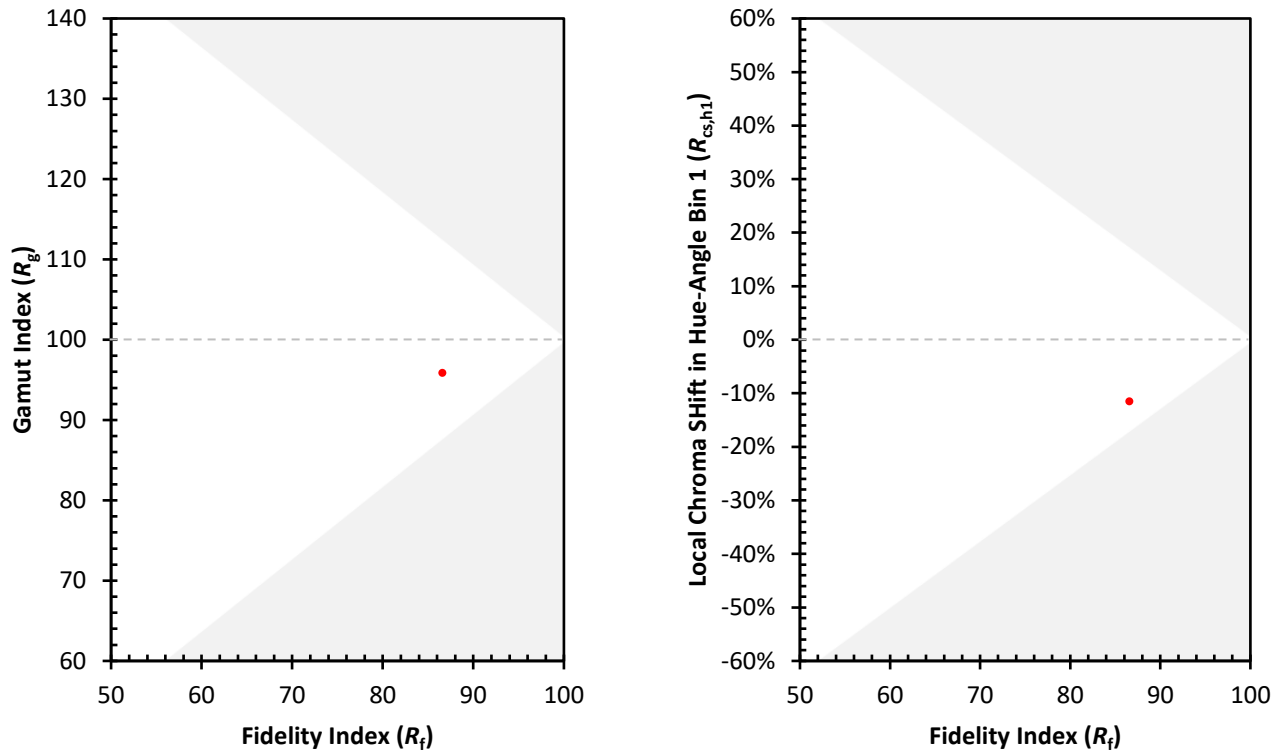
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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