

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: P1067375

Luminaire Tested: **NAV-SA3C-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067375
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3C-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 14316.7 lumens
Efficiency: N/A
Efficacy: 102.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 140.4
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

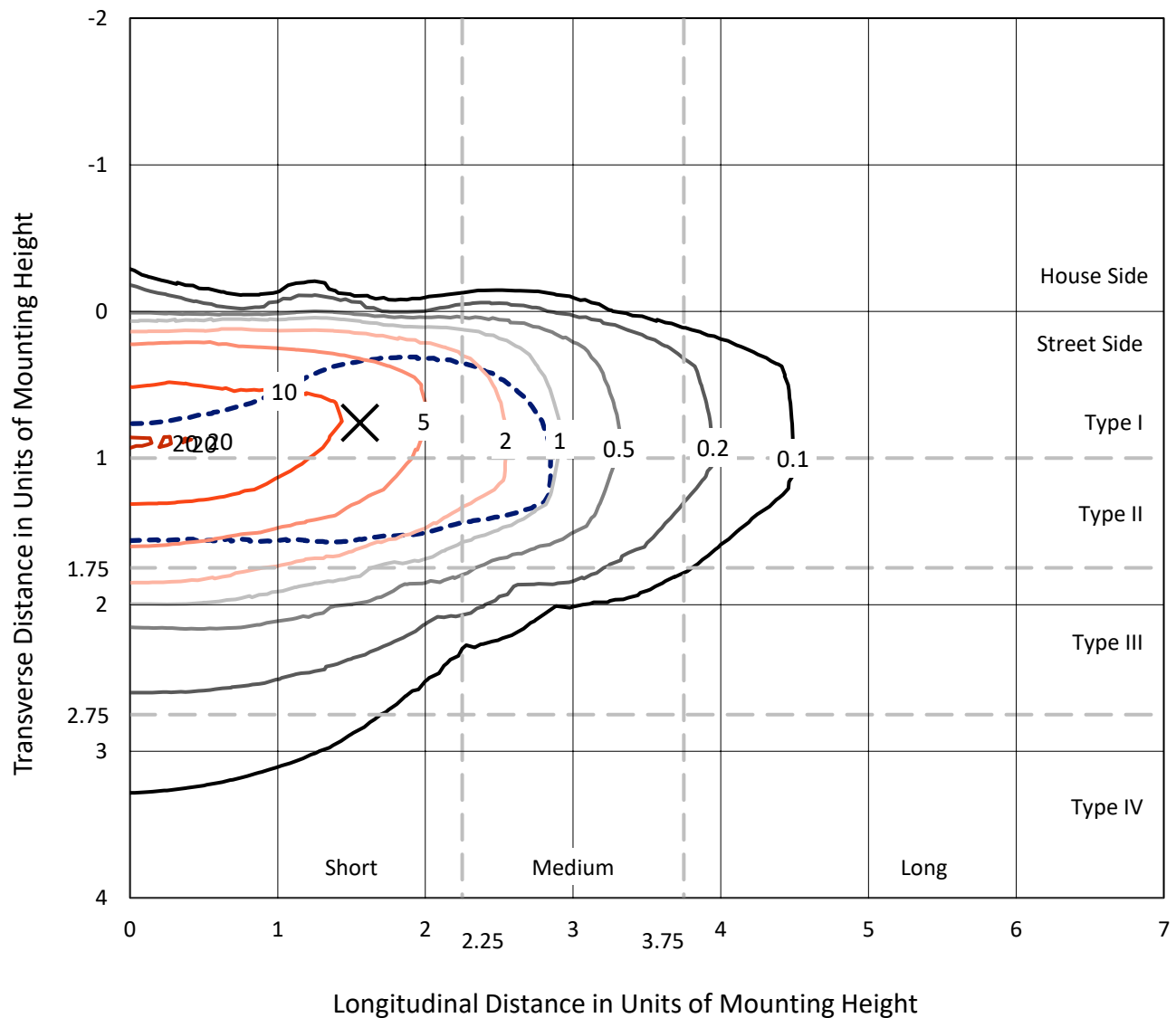


REPORT NUMBER: P1067375

CATALOG NUMBER: NAV-SA3C-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

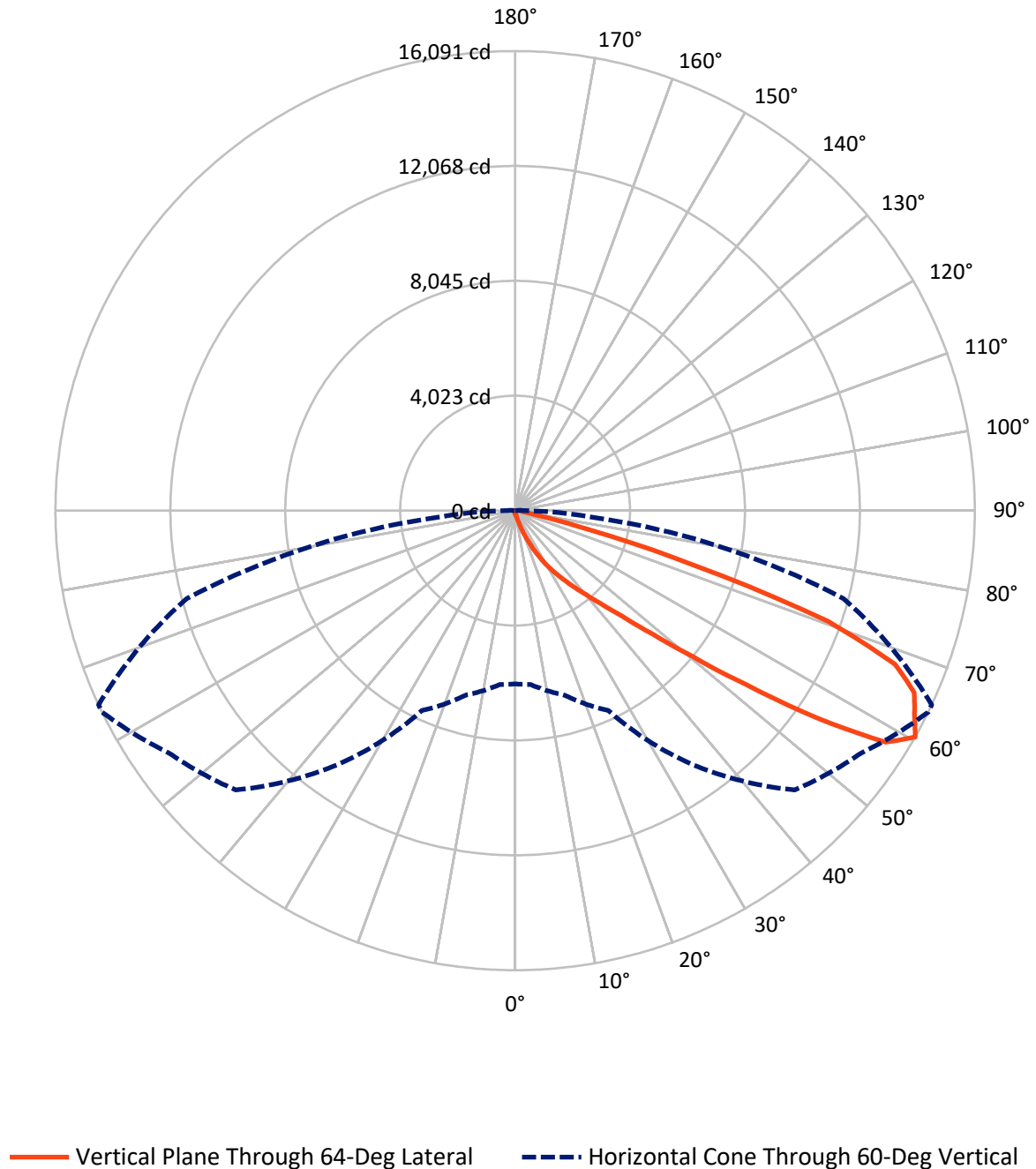


Based on 15 foot mounting height. Maximum calculated value = 20.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1067375

CATALOG NUMBER: NAV-SA3C-835-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067375

CATALOG NUMBER: NAV-SA3C-835-U-T2BC

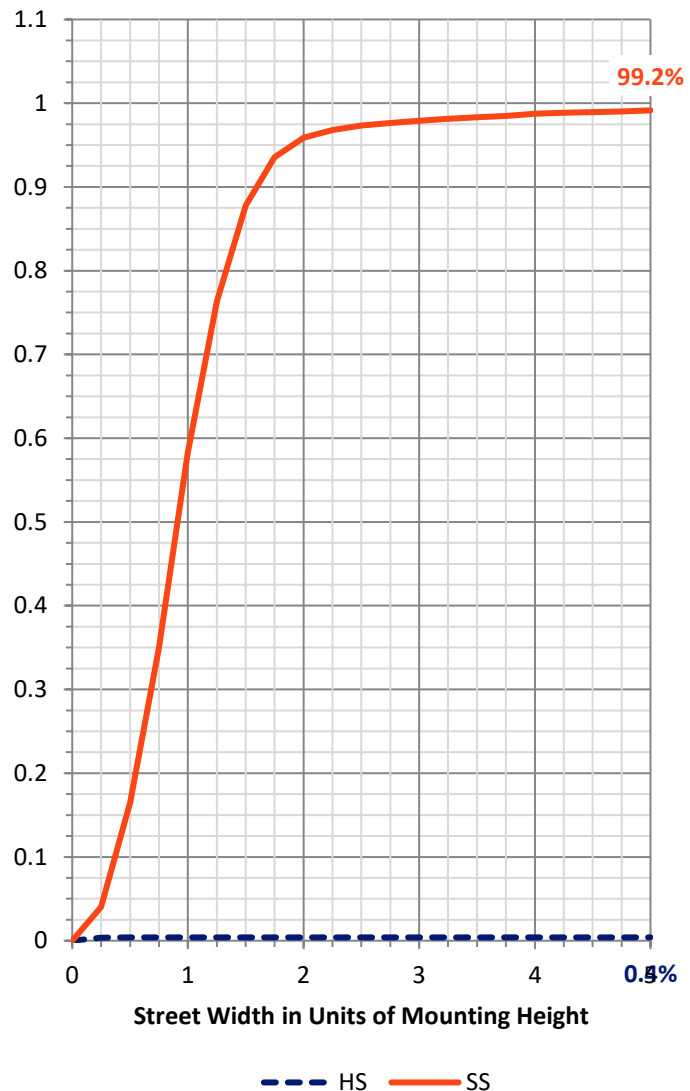
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	58.0	0.0	58.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14258.7	0.0	14258.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	14316.7	0.0	14316.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.1
10°-20°	140.7	1.0
20°-30°	467.3	3.3
30°-40°	1246.8	8.7
40°-50°	3169.1	22.1
50°-60°	4619.8	32.3
60°-70°	3568.3	24.9
70°-80°	979.9	6.8
80°-90°	110.6	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°	14316.7	100.0
0°-180°	14316.7	100.0



REPORT NUMBER: P1067375

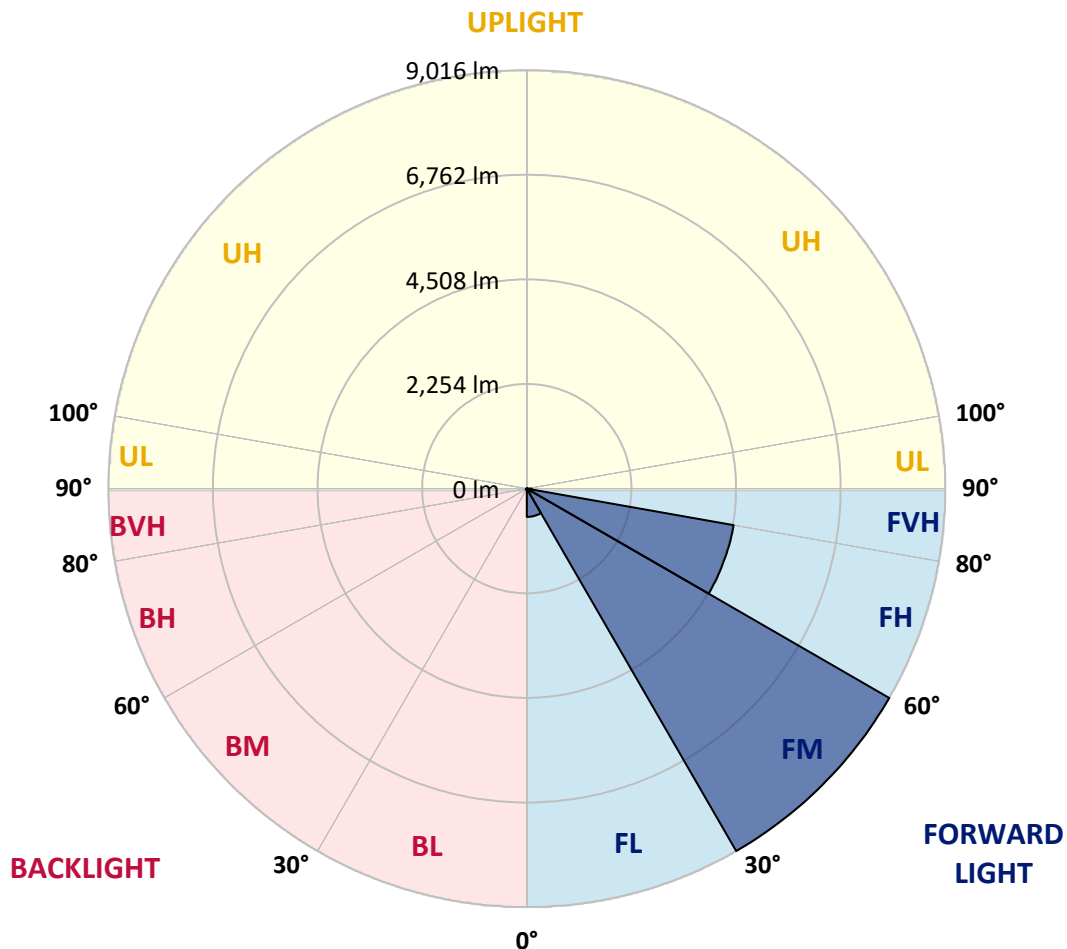
CATALOG NUMBER: NAV-SA3C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	609.2	4.3			
FM	(30°-60°)	9016.4	63.0			
FH	(60°-80°)	4525.1	31.6			G2/5000
FVH	(80°-90°)	108.0	0.8			G2/225
BL	(0°-30°)	13.0	0.1	B0/110		
BM	(30°-60°)	19.2	0.1	B0/220		
BH	(60°-80°)	23.1	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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



REPORT NUMBER: P1067375

CATALOG NUMBER: NAV-SA3C-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2.5°	126.1	126.1	126.1	122.2	118.2	118.2	114.3	110.3	110.3	102.5	98.5
5°	193.1	193.1	185.2	177.3	165.5	149.8	134.0	122.2	122.2	110.3	102.5
7.5°	378.3	390.1	354.7	311.3	252.2	212.8	169.5	141.9	137.9	118.2	102.5
10°	819.7	811.8	756.6	650.2	512.3	370.4	236.5	173.4	165.5	126.1	102.5
12.5°	1233.5	1245.3	1186.2	1068.0	902.5	658.1	405.9	224.6	216.7	137.9	102.5
15°	1588.2	1588.2	1548.8	1489.7	1308.4	1052.2	654.2	335.0	307.4	149.8	98.5
17.5°	1832.5	1828.6	1812.8	1797.0	1690.6	1426.6	1001.0	536.0	472.9	177.3	98.5
20°	2108.4	2096.5	2116.3	2084.7	2002.0	1793.1	1367.5	796.1	736.9	224.6	98.5
22.5°	2396.1	2407.9	2423.6	2392.1	2301.5	2120.2	1753.7	1131.0	1068.0	311.3	102.5
25°	2762.6	2754.7	2790.1	2762.6	2648.3	2435.5	2116.3	1497.5	1406.9	433.5	110.3
27.5°	3211.8	3196.1	3219.7	3148.8	2999.0	2782.3	2439.4	1871.9	1765.5	622.7	126.1
30°	3806.9	3818.7	3712.3	3629.5	3416.7	3129.1	2798.0	2273.9	2163.5	847.3	141.9
32.5°	4744.8	4662.1	4496.5	4161.6	3881.8	3515.3	3156.6	2624.6	2526.1	1135.0	165.5
35°	6206.9	6222.6	5860.1	5032.5	4425.6	4000.0	3550.7	3010.8	2939.9	1462.1	197.0
37.5°	7988.2	7944.8	7625.6	6581.3	5221.7	4602.9	4000.0	3432.5	3330.0	1816.7	236.5
40°	10005.9	9824.6	9639.4	8930.0	6880.8	5359.6	4567.5	3921.2	3842.4	2226.6	299.5
42.5°	11621.7	11574.4	11605.9	11310.3	9647.3	6648.3	5320.2	4520.2	4425.6	2735.0	409.9
45°	12417.7	12350.7	12539.9	12760.6	12335.0	9391.1	6534.0	5284.7	5158.6	3334.0	579.3
47.5°	12204.9	12157.6	12563.5	12997.0	13564.5	12571.4	8516.2	6427.6	6210.8	4102.5	831.5
50°	11156.6	11160.6	11826.6	12634.5	13533.0	14183.2	11452.2	7992.1	7720.2	5123.1	1225.6
52.5°	10135.9	10167.5	10872.9	12051.2	13064.0	14372.4	14029.5	10100.5	9659.1	6325.1	1690.6
55°	9087.7	9103.4	9726.1	11385.2	12843.3	13808.8	15353.7	12815.7	12346.8	7822.6	2143.8
57.5°	8078.8	8078.8	8311.3	9785.2	12602.9	13757.6	15196.0	15298.5	14916.2	9533.0	2478.8
60°	6069.0	6108.4	6687.7	7720.2	10868.9	13832.5	14794.1	16090.6	16090.6	11905.4	2735.0
62.5°	3066.0	3125.1	3846.3	4851.2	7456.1	12800.0	14857.1	15692.6	15755.6	13998.0	3318.2
65°	1438.4	1505.4	1891.6	2601.0	4011.8	9008.9	14202.9	15353.7	15334.0	13600.0	4547.8
67.5°	1032.5	1052.2	1182.3	1517.2	2159.6	3948.8	10841.4	14340.9	14348.7	11554.7	5229.5
70°	926.1	926.1	957.6	1056.2	1300.5	1765.5	5269.0	11613.8	12177.3	8922.2	4847.3
72.5°	914.3	906.4	898.5	902.5	878.8	886.7	1808.9	6557.6	7361.6	6242.4	3866.0
75°	890.6	890.6	882.8	855.2	701.5	571.4	622.7	2652.2	3066.0	4169.5	2869.0
77.5°	705.4	776.4	859.1	807.9	642.4	429.6	362.6	768.5	969.5	2557.6	2080.8
80°	327.1	331.0	327.1	342.9	409.9	307.4	268.0	374.4	378.3	1418.7	1288.7
82.5°	236.5	240.4	228.6	204.9	181.3	165.5	220.7	275.9	295.6	650.2	480.8
85°	70.9	67.0	78.8	106.4	126.1	145.8	185.2	232.5	244.3	240.4	70.9
87.5°	31.5	31.5	39.4	55.2	74.9	110.3	161.6	212.8	216.7	248.3	19.7
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: P1067375

CATALOG NUMBER: NAV-SA3C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2.5°	98.5	94.6	90.6	86.7	82.8	78.8	74.9	74.9	78.8	78.8	78.8
5°	94.6	90.6	82.8	74.9	70.9	67.0	63.1	63.1	67.0	67.0	67.0
7.5°	94.6	86.7	78.8	70.9	63.1	59.1	55.2	55.2	55.2	59.1	59.1
10°	94.6	86.7	74.9	63.1	55.2	51.2	47.3	43.3	47.3	47.3	47.3
12.5°	90.6	82.8	70.9	59.1	47.3	39.4	35.5	35.5	35.5	35.5	35.5
15°	86.7	78.8	67.0	51.2	39.4	31.5	23.6	23.6	23.6	27.6	27.6
17.5°	82.8	74.9	59.1	39.4	27.6	19.7	15.8	15.8	15.8	19.7	19.7
20°	82.8	70.9	51.2	31.5	19.7	11.8	7.9	7.9	7.9	11.8	15.8
22.5°	82.8	70.9	47.3	23.6	11.8	7.9	3.9	3.9	3.9	3.9	3.9
25°	82.8	67.0	43.3	19.7	7.9	3.9	0.0	0.0	3.9	7.9	11.8
27.5°	82.8	63.1	35.5	11.8	7.9	3.9	0.0	3.9	7.9	7.9	7.9
30°	82.8	63.1	31.5	11.8	3.9	0.0	0.0	3.9	7.9	7.9	11.8
32.5°	86.7	59.1	27.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	90.6	55.2	23.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	98.5	55.2	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	110.3	59.1	15.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	137.9	63.1	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	193.1	78.8	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	283.7	118.2	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	413.8	161.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	508.4	161.6	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	504.4	102.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	386.2	70.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	327.1	51.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	394.1	39.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	701.5	35.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1127.1	35.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1261.1	35.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	985.2	31.5	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	539.9	27.6	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	271.9	19.7	7.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
80°	114.3	15.8	7.9	3.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0
82.5°	39.4	15.8	7.9	7.9	3.9	3.9	0.0	0.0	0.0	0.0	0.0
85°	19.7	11.8	11.8	7.9	7.9	3.9	3.9	0.0	0.0	0.0	0.0
87.5°	11.8	11.8	11.8	7.9	7.9	3.9	3.9	0.0	0.0	0.0	3.9
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

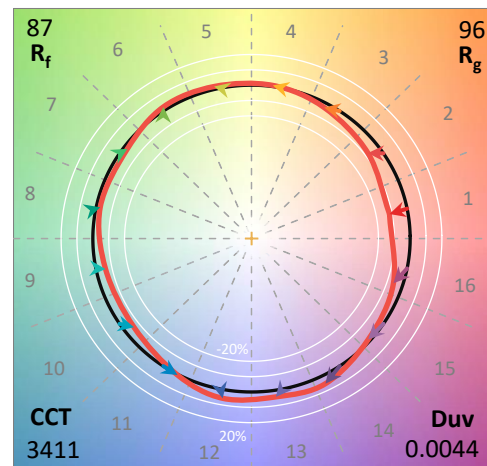
Test Information

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

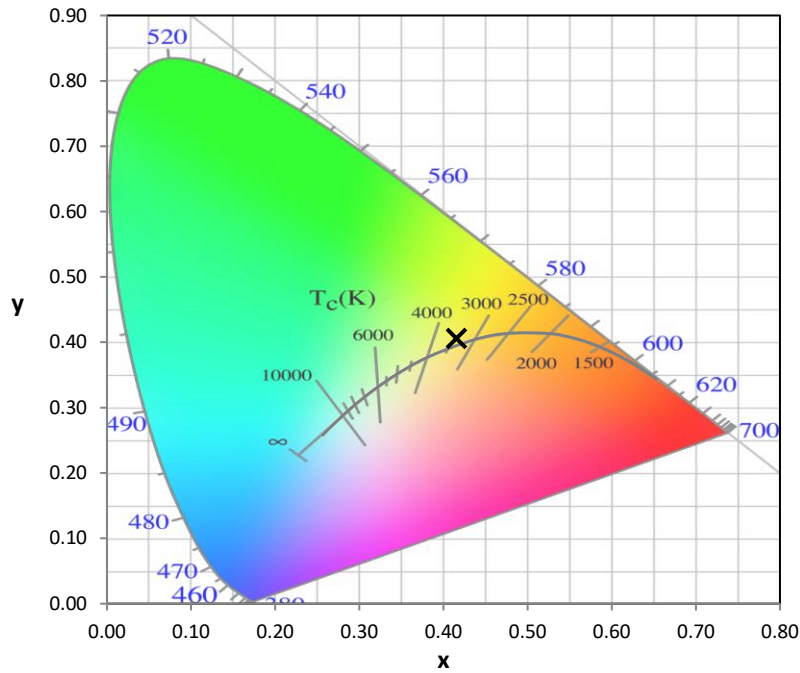
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

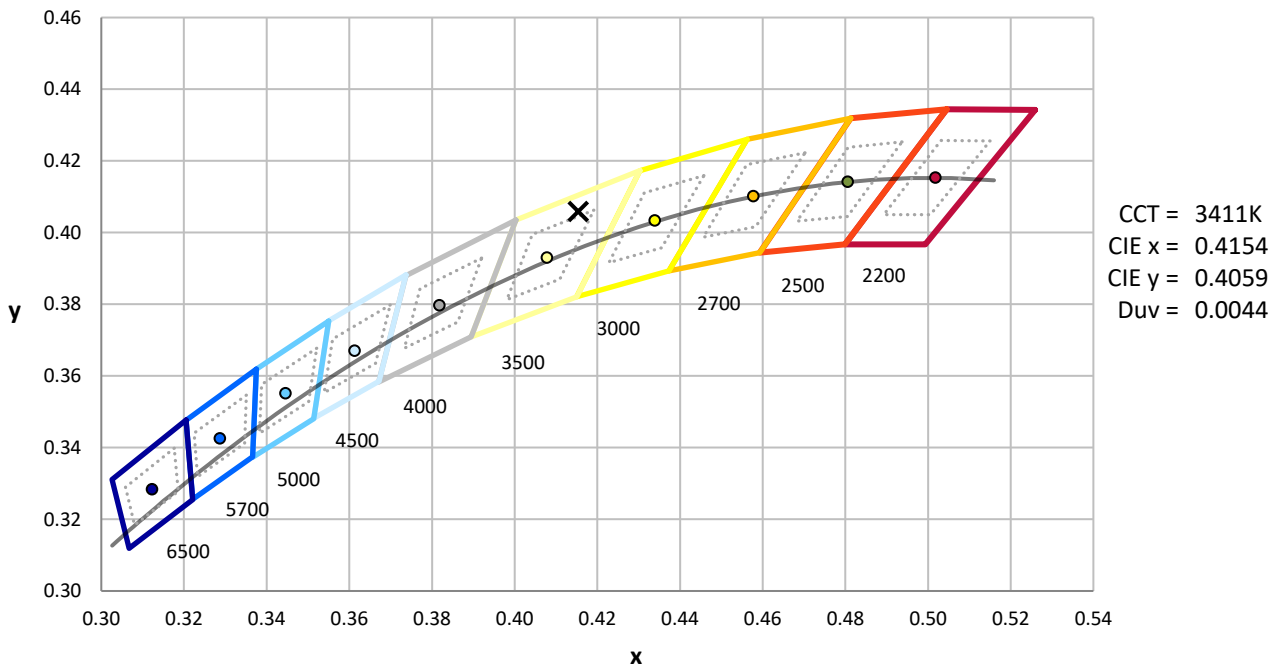
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



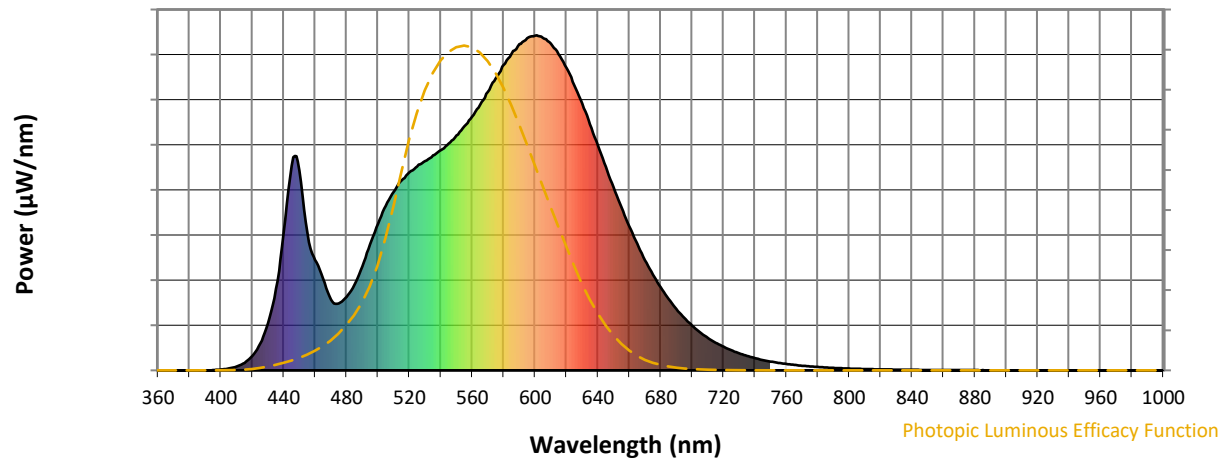
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

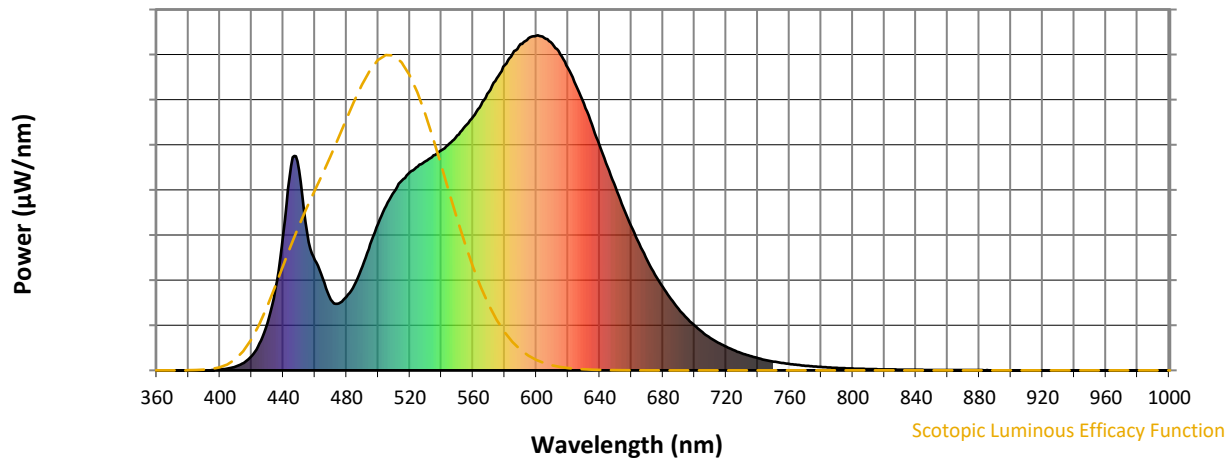


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



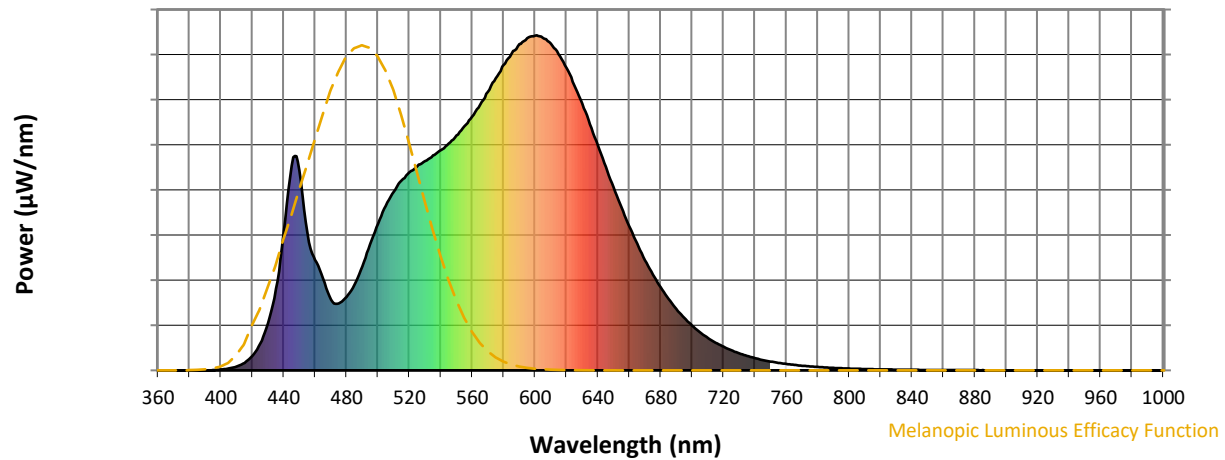
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

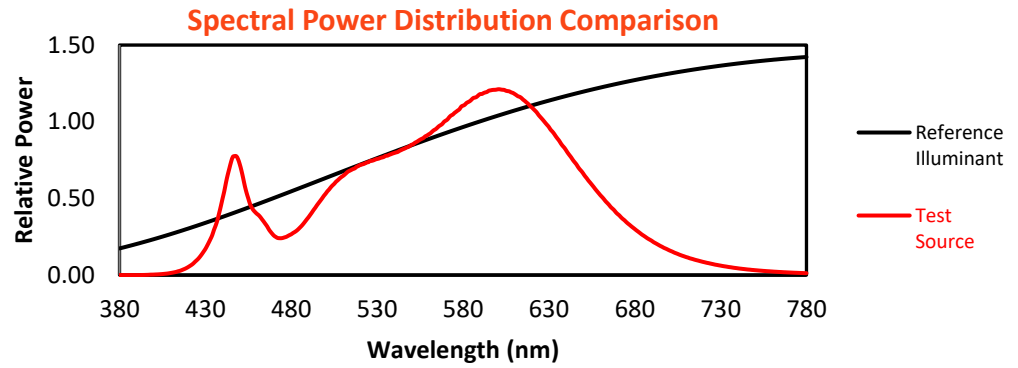
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	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			

REPORT NUMBER: SP1-2407-184-10

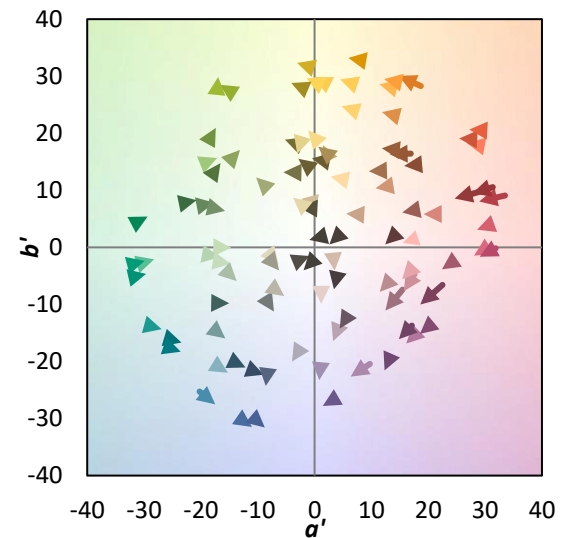
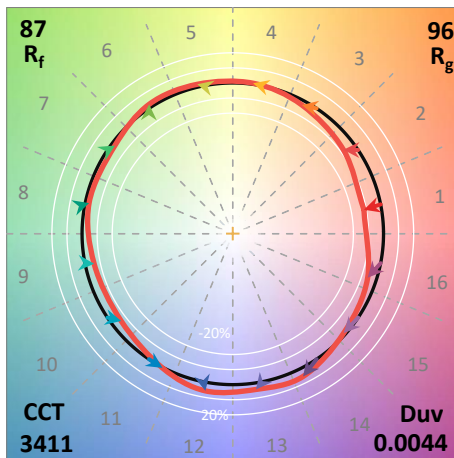
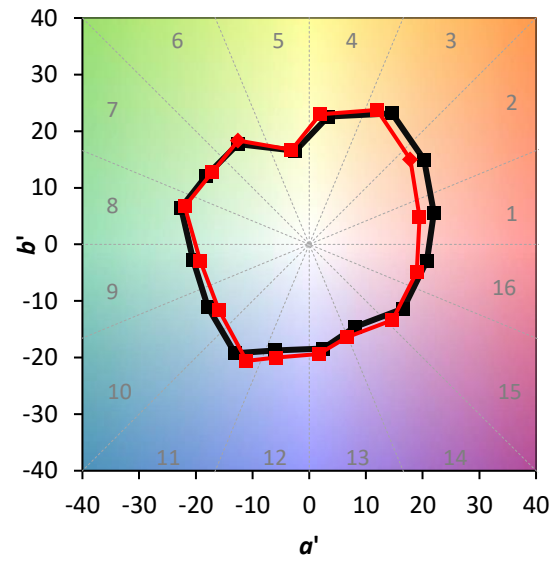
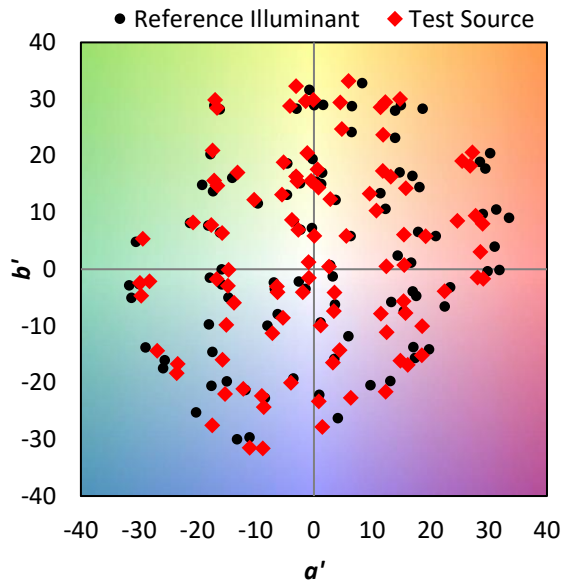
TM-30-18

Summary

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

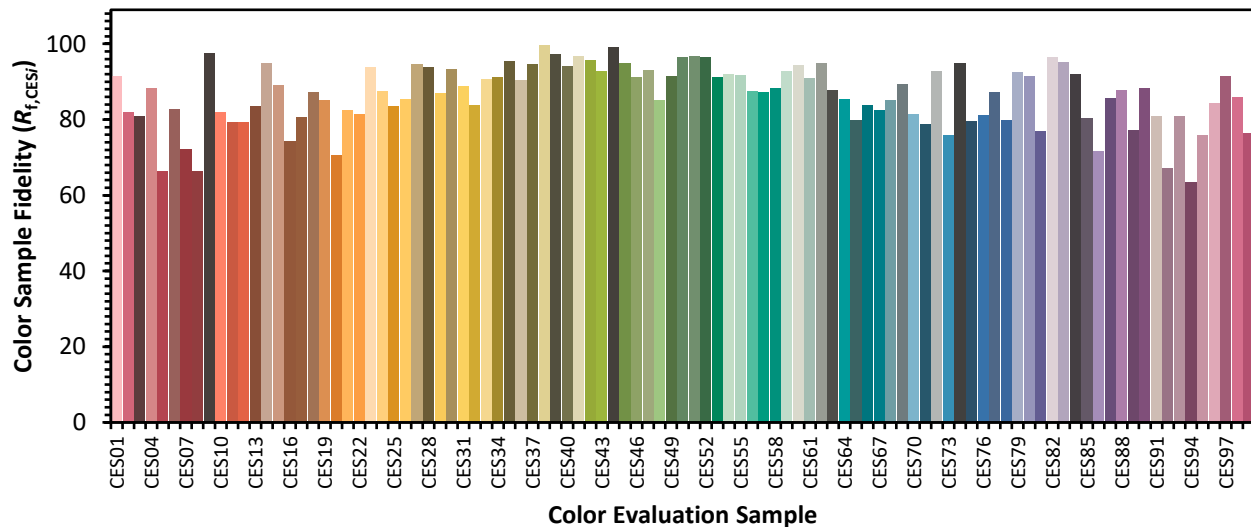


Color Vector Graphics

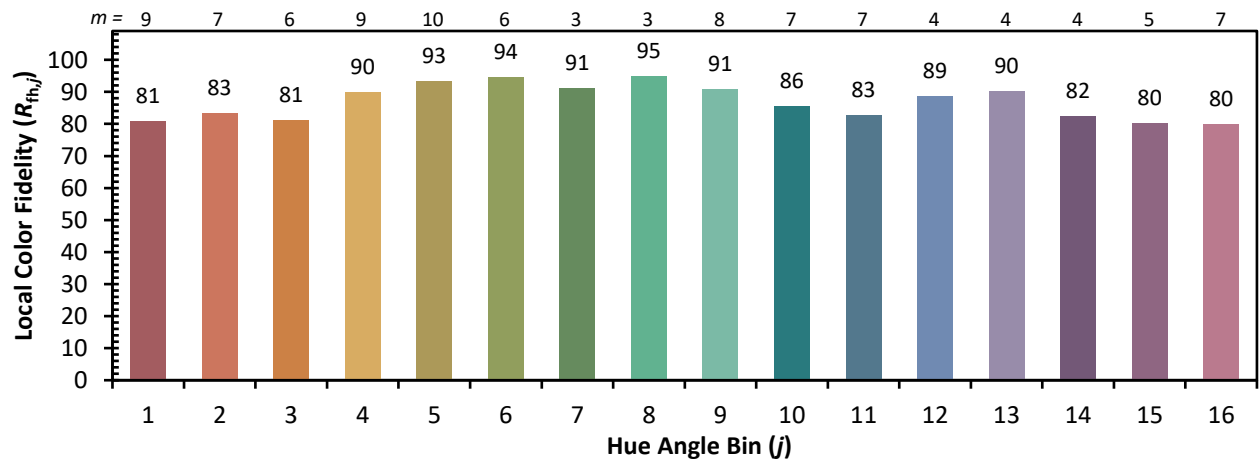
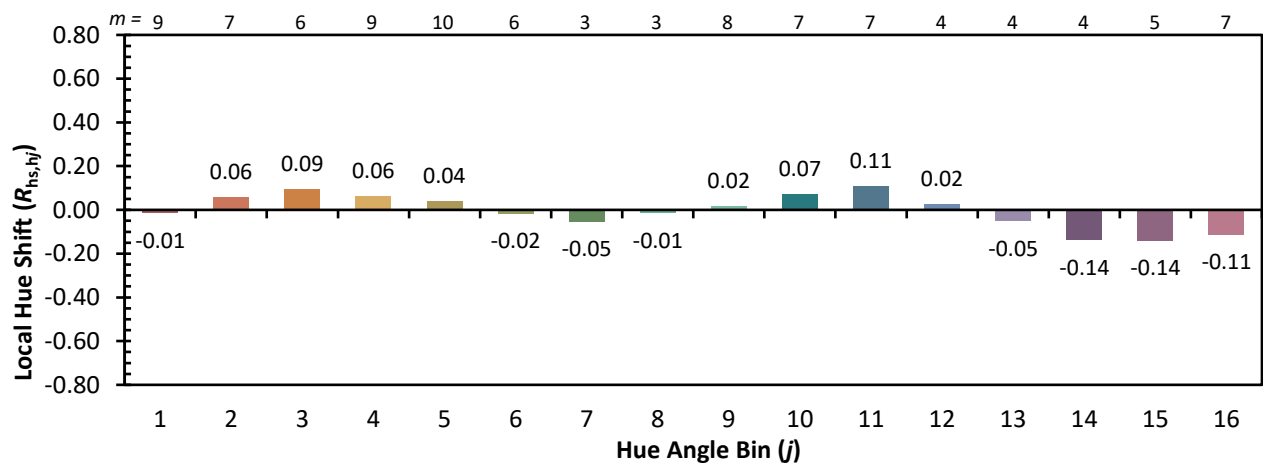
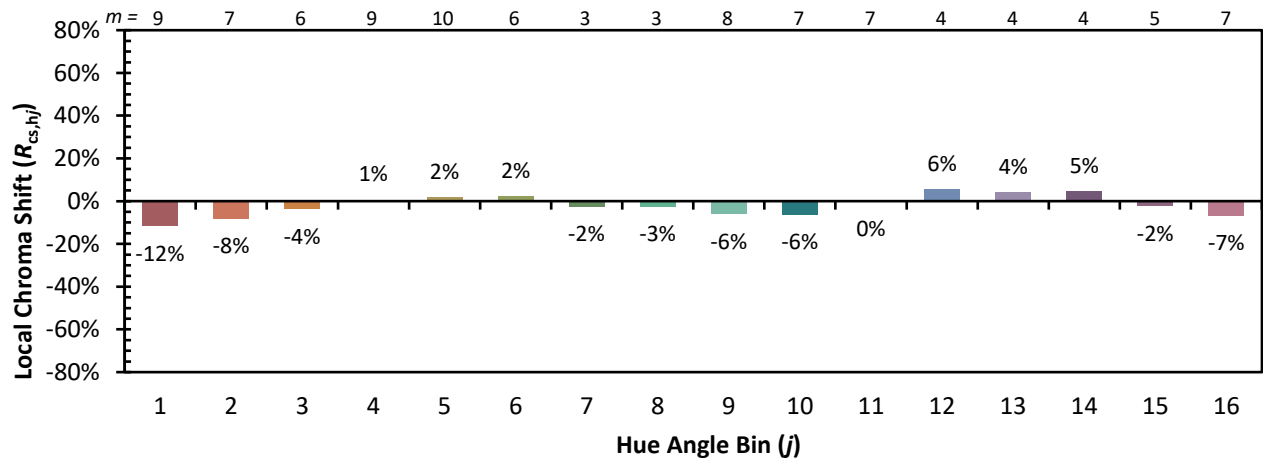


Individual Sample Fidelity Index ($R_{f,i}$)

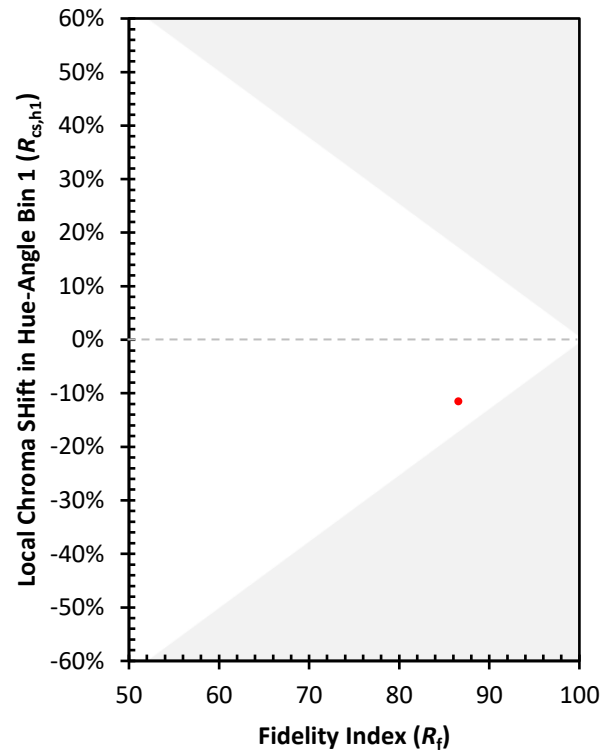
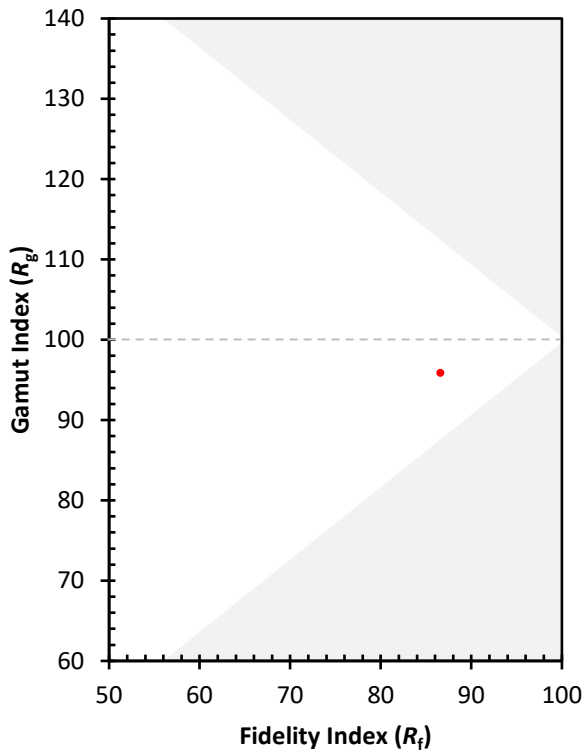
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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