

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: STREETWORKS

Report Number: P1066171

Luminaire Tested: **NVN-SA2C-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066171
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2C-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 9652.6 lumens
Efficiency: N/A
Efficacy: 100.3 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): 96.2
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



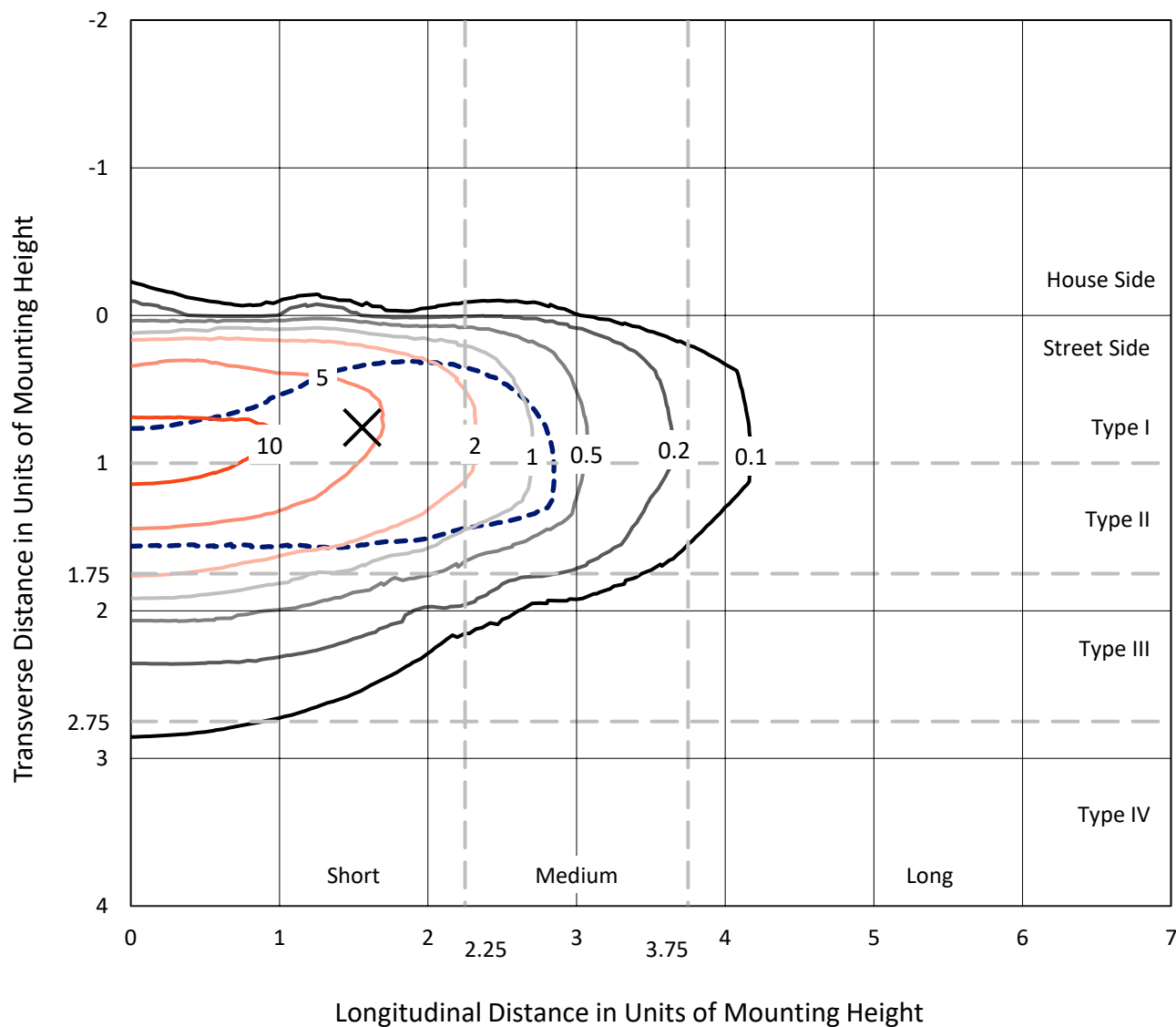
REPORT NUMBER: P1066171

CATALOG NUMBER: NVN-SA2C-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

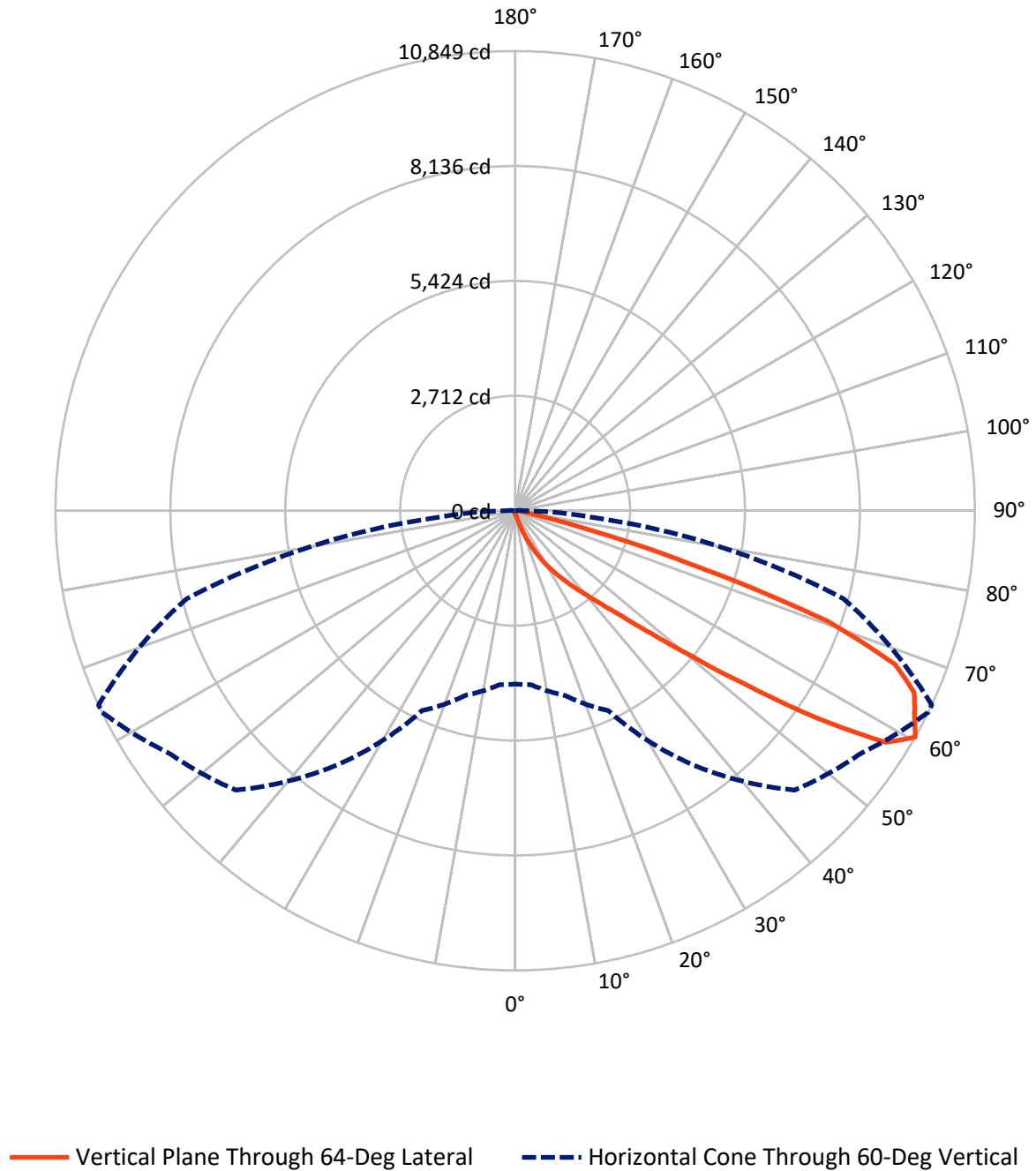


Based on 15 foot mounting height. Maximum calculated value = 13.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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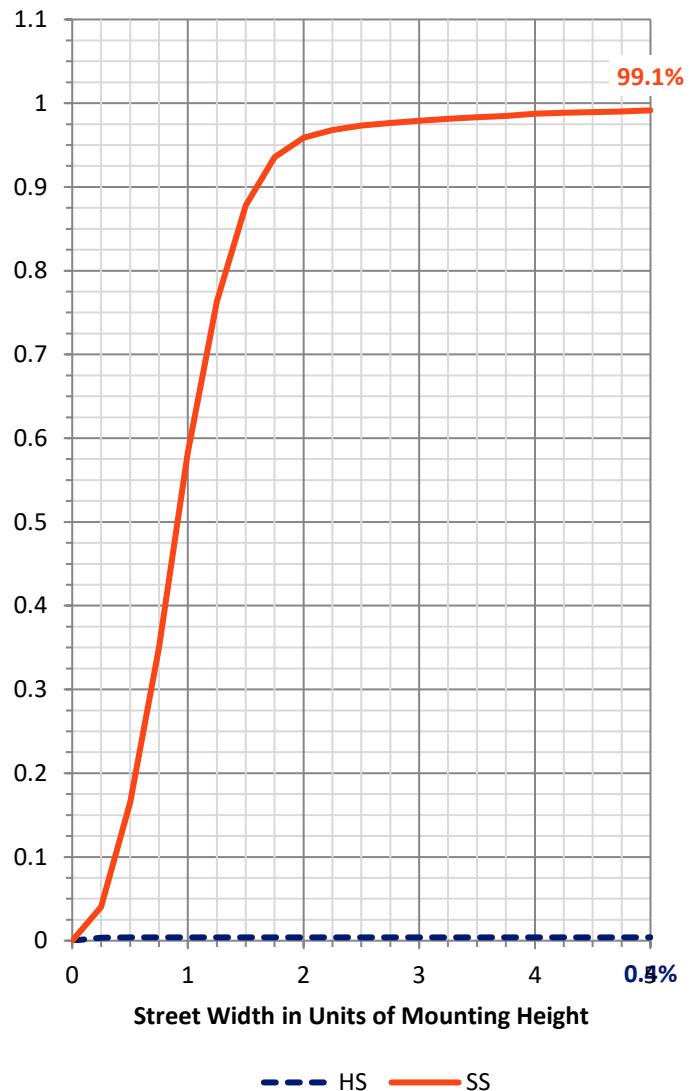
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	39.1	0.0	39.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9613.4	0.0	9613.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	9652.6	0.0	9652.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.1
10°-20°	94.9	1.0
20°-30°	315.0	3.3
30°-40°	840.6	8.7
40°-50°	2136.6	22.1
50°-60°	3114.7	32.3
60°-70°	2405.8	24.9
70°-80°	660.7	6.8
80°-90°	74.6	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°	9652.6	100.0
0°-180°	9652.6	100.0



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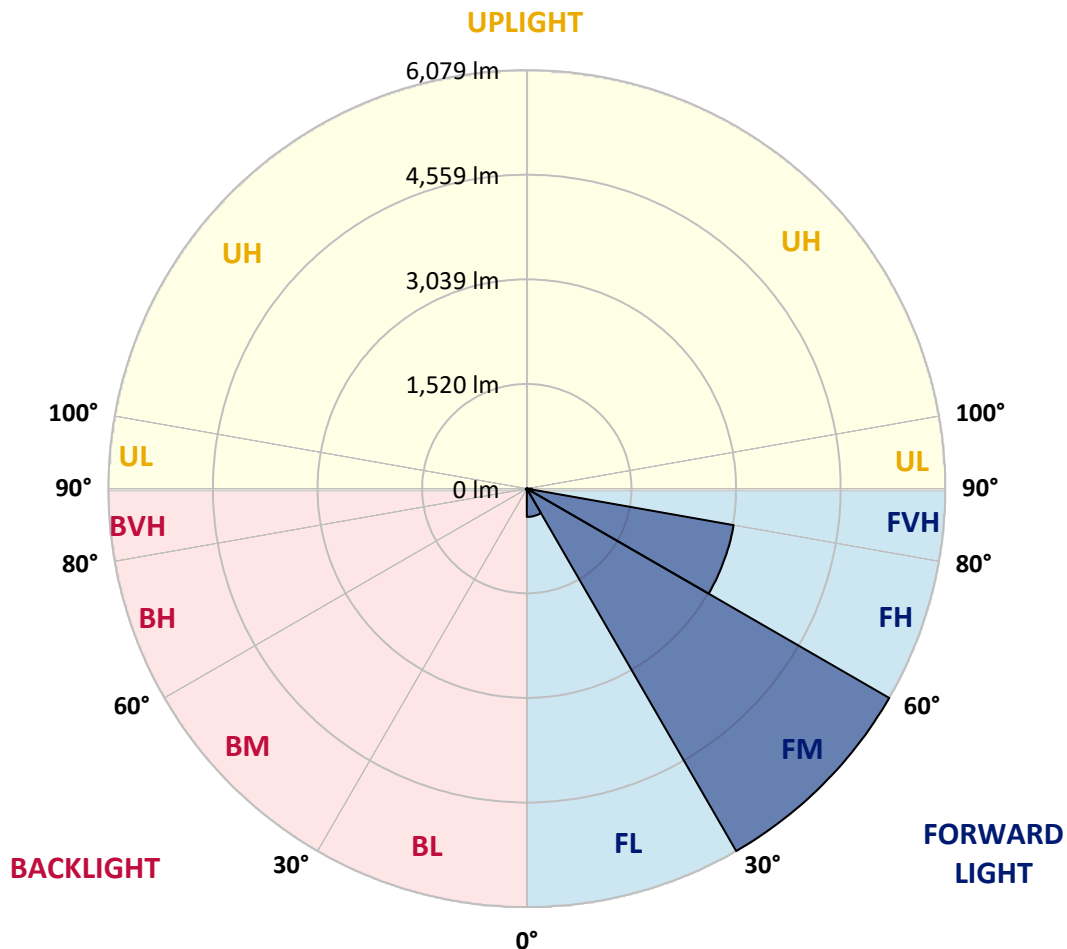
CATALOG NUMBER: NVN-SA2C-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	410.7	4.3			
FM	(30°-60°)	6079.0	63.0			
FH	(60°-80°)	3050.9	31.6			G2/5000
FVH	(80°-90°)	72.8	0.8			G1/100
BL	(0°-30°)	8.8	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	15.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G2

Type II Short



REPORT NUMBER: P1066171

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2.5°	85.0	85.0	85.0	82.4	79.7	79.7	77.1	74.4	74.4	69.1	66.4
5°	130.2	130.2	124.9	119.6	111.6	101.0	90.3	82.4	82.4	74.4	69.1
7.5°	255.1	263.0	239.1	209.9	170.0	143.5	114.3	95.7	93.0	79.7	69.1
10°	552.7	547.3	510.1	438.4	345.4	249.8	159.4	116.9	111.6	85.0	69.1
12.5°	831.6	839.6	799.8	720.0	608.5	443.7	273.7	151.4	146.1	93.0	69.1
15°	1070.8	1070.8	1044.2	1004.3	882.1	709.4	441.1	225.8	207.2	101.0	66.4
17.5°	1235.5	1232.8	1222.2	1211.6	1139.9	961.8	674.9	361.4	318.8	119.6	66.4
20°	1421.5	1413.5	1426.8	1405.6	1349.8	1208.9	922.0	536.7	496.9	151.4	66.4
22.5°	1615.5	1623.4	1634.1	1612.8	1551.7	1429.5	1182.4	762.6	720.0	209.9	69.1
25°	1862.6	1857.2	1881.2	1862.6	1785.5	1642.0	1426.8	1009.7	948.5	292.3	74.4
27.5°	2165.5	2154.8	2170.8	2122.9	2022.0	1875.8	1644.7	1262.1	1190.3	419.8	85.0
30°	2566.7	2574.6	2502.9	2447.1	2303.6	2109.7	1886.5	1533.1	1458.7	571.3	95.7
32.5°	3199.0	3143.2	3031.6	2805.8	2617.1	2370.0	2128.3	1769.6	1703.1	765.2	111.6
35°	4184.8	4195.4	3951.0	3393.0	2983.8	2696.9	2394.0	2029.9	1982.1	985.7	132.8
37.5°	5385.7	5356.5	5141.3	4437.2	3520.5	3103.4	2696.9	2314.2	2245.2	1224.9	159.4
40°	6746.1	6623.9	6499.0	6020.8	4639.1	3613.5	3079.5	2643.7	2590.6	1501.2	201.9
42.5°	7835.5	7803.6	7824.9	7625.6	6504.3	4482.4	3586.9	3047.6	2983.8	1844.0	276.3
45°	8372.2	8327.0	8454.6	8603.4	8316.4	6331.6	4405.3	3563.0	3478.0	2247.8	390.6
47.5°	8228.7	8196.8	8470.5	8762.8	9145.4	8475.8	5741.8	4333.6	4187.4	2765.9	560.6
50°	7522.0	7524.6	7973.6	8518.3	9124.1	9562.5	7721.2	5388.4	5205.1	3454.1	826.3
52.5°	6833.8	6855.1	7330.7	8125.1	8807.9	9690.1	9458.9	6809.9	6512.3	4264.5	1139.9
55°	6127.0	6137.7	6557.5	7676.1	8659.2	9310.1	10351.7	8640.6	8324.4	5274.1	1445.4
57.5°	5446.8	5446.8	5603.6	6597.3	8497.1	9275.6	10245.4	10314.5	10056.7	6427.3	1671.3
60°	4091.8	4118.3	4508.9	5205.1	7328.0	9326.1	9974.4	10848.5	10848.5	8026.8	1844.0
62.5°	2067.1	2107.0	2593.2	3270.8	5027.0	8629.9	10016.9	10580.2	10622.7	9437.7	2237.2
65°	969.8	1015.0	1275.4	1753.6	2704.8	6073.9	9575.8	10351.7	10338.4	9169.3	3066.2
67.5°	696.1	709.4	797.1	1022.9	1456.0	2662.3	7309.4	9668.8	9674.1	7790.3	3525.8
70°	624.4	624.4	645.7	712.1	876.8	1190.3	3552.4	7830.2	8210.1	6015.4	3268.1
72.5°	616.4	611.1	605.8	608.5	592.5	597.8	1219.6	4421.2	4963.3	4208.7	2606.5
75°	600.5	600.5	595.2	576.6	472.9	385.3	419.8	1788.2	2067.1	2811.1	1934.3
77.5°	475.6	523.4	579.2	544.7	433.1	289.6	244.4	518.1	653.6	1724.4	1402.9
80°	220.5	223.2	220.5	231.2	276.3	207.2	180.7	252.4	255.1	956.5	868.8
82.5°	159.4	162.1	154.1	138.2	122.2	111.6	148.8	186.0	199.3	438.4	324.2
85°	47.8	45.2	53.1	71.7	85.0	98.3	124.9	156.8	164.7	162.1	47.8
87.5°	21.3	21.3	26.6	37.2	50.5	74.4	108.9	143.5	146.1	167.4	13.3
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: NVN-SA2C-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
2.5°	66.4	63.8	61.1	58.5	55.8	53.1	50.5	50.5	53.1	53.1	53.1
5°	63.8	61.1	55.8	50.5	47.8	45.2	42.5	42.5	45.2	45.2	45.2
7.5°	63.8	58.5	53.1	47.8	42.5	39.9	37.2	37.2	37.2	39.9	39.9
10°	63.8	58.5	50.5	42.5	37.2	34.5	31.9	29.2	31.9	31.9	31.9
12.5°	61.1	55.8	47.8	39.9	31.9	26.6	23.9	23.9	23.9	23.9	23.9
15°	58.5	53.1	45.2	34.5	26.6	21.3	15.9	15.9	15.9	18.6	18.6
17.5°	55.8	50.5	39.9	26.6	18.6	13.3	10.6	10.6	10.6	13.3	13.3
20°	55.8	47.8	34.5	21.3	13.3	8.0	5.3	5.3	5.3	8.0	10.6
22.5°	55.8	47.8	31.9	15.9	8.0	5.3	2.7	2.7	2.7	2.7	2.7
25°	55.8	45.2	29.2	13.3	5.3	2.7	0.0	0.0	2.7	5.3	8.0
27.5°	55.8	42.5	23.9	8.0	5.3	2.7	0.0	2.7	5.3	5.3	5.3
30°	55.8	42.5	21.3	8.0	2.7	0.0	0.0	2.7	5.3	5.3	8.0
32.5°	58.5	39.9	18.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	61.1	37.2	15.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	66.4	37.2	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	74.4	39.9	10.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	93.0	42.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	130.2	53.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	191.3	79.7	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	279.0	108.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	342.8	108.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	340.1	69.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	260.4	47.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	220.5	34.5	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	265.7	26.6	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	472.9	23.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	759.9	23.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	850.2	23.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	664.2	21.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	364.0	18.6	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	183.3	13.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
80°	77.1	10.6	5.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
82.5°	26.6	10.6	5.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0	0.0
85°	13.3	8.0	8.0	5.3	5.3	2.7	2.7	0.0	0.0	0.0	0.0
87.5°	8.0	8.0	8.0	5.3	5.3	2.7	2.7	0.0	0.0	0.0	2.7
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

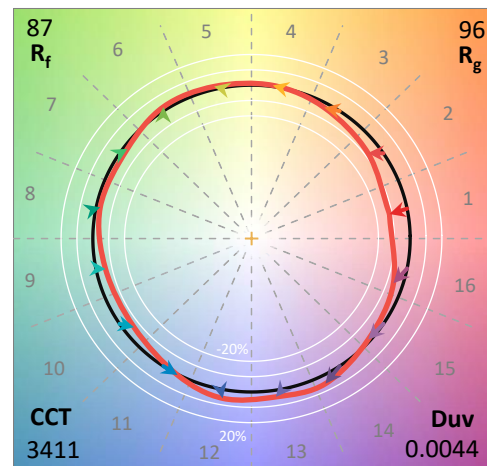
Test Information

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

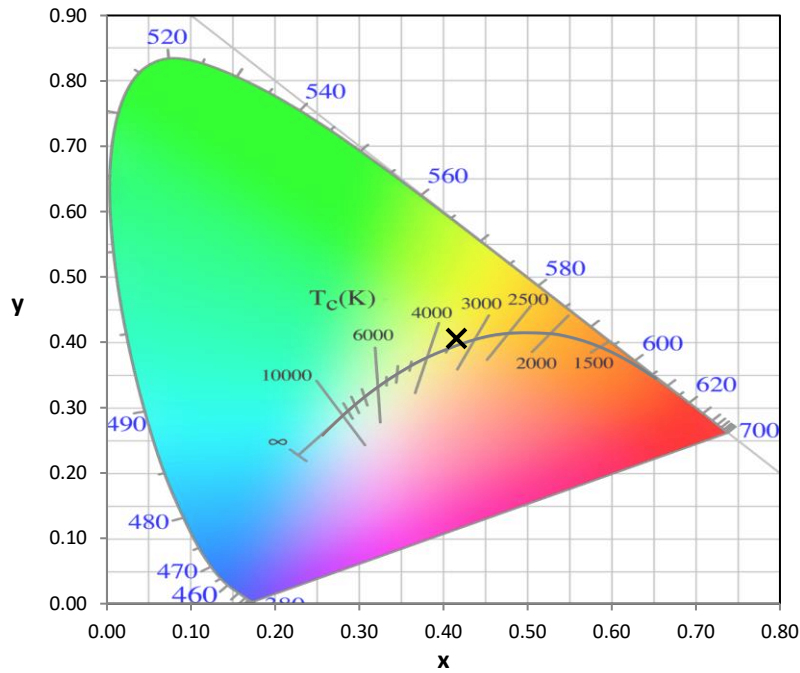
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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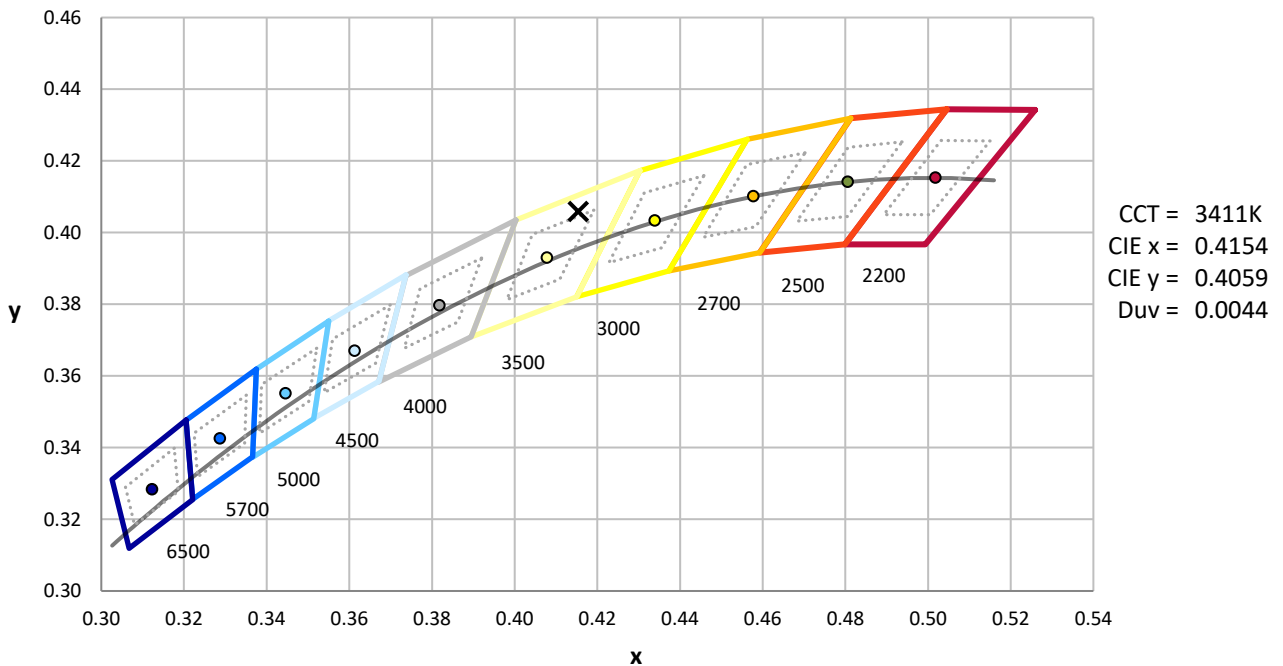
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



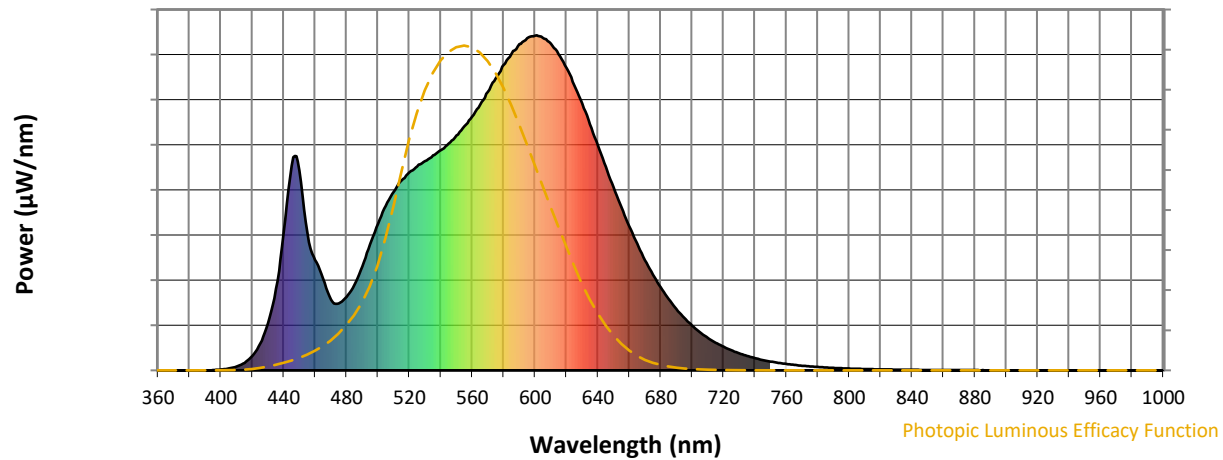
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

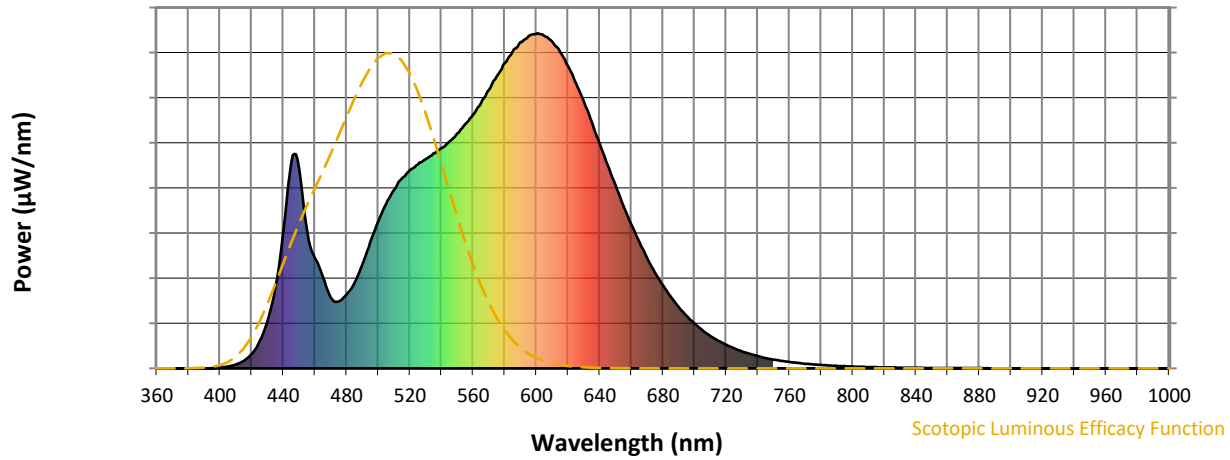


Photopic Lumens: NR

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



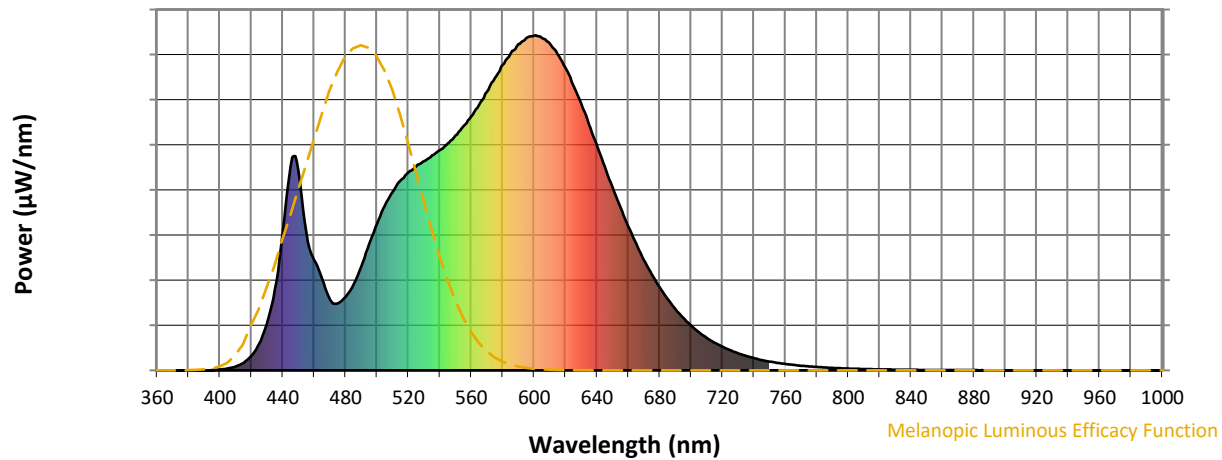
Scotopic Lumens: NR

S/P: 1.48

λ (nm)	Power W [^] /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

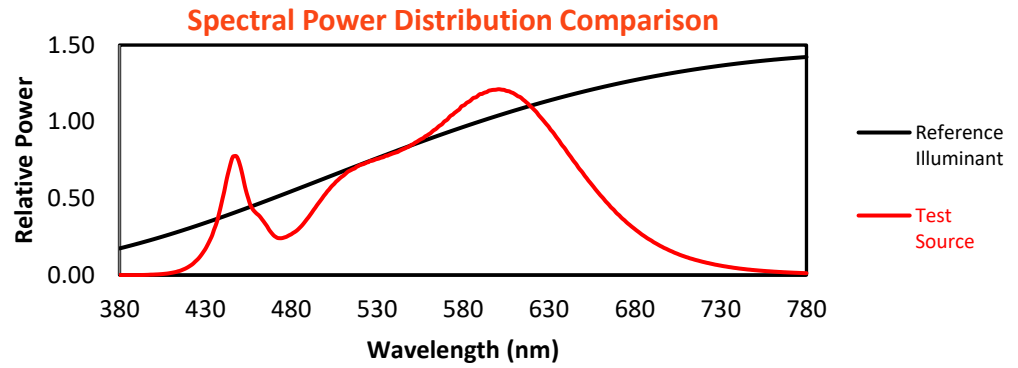
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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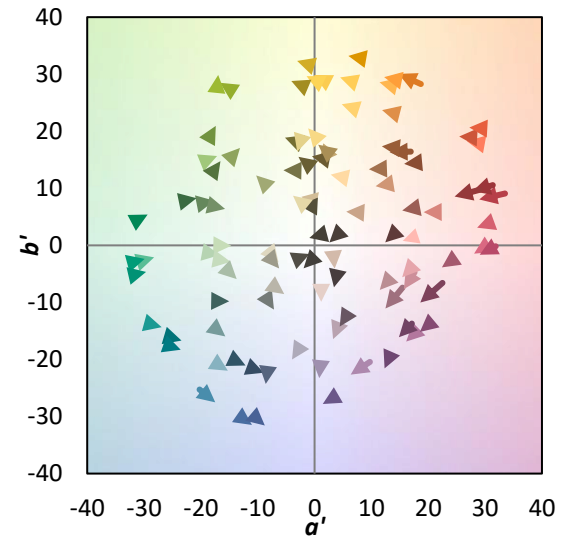
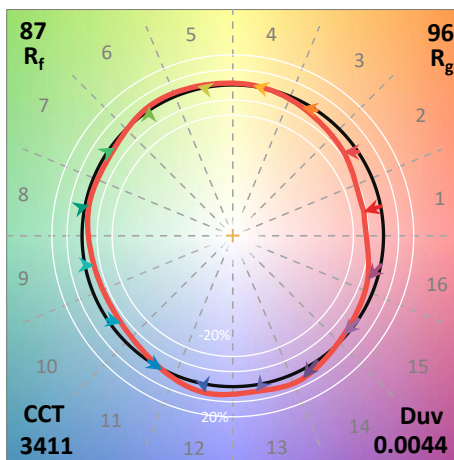
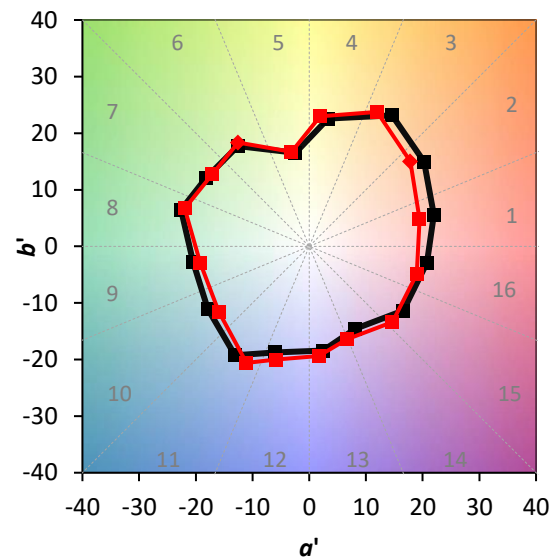
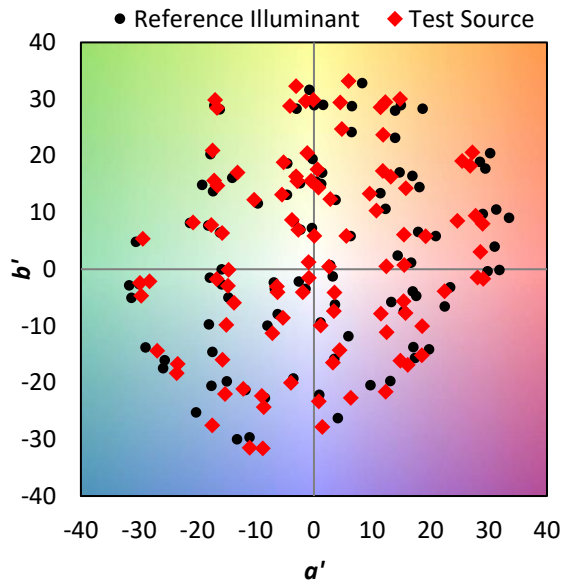
TM-30-18

Summary

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

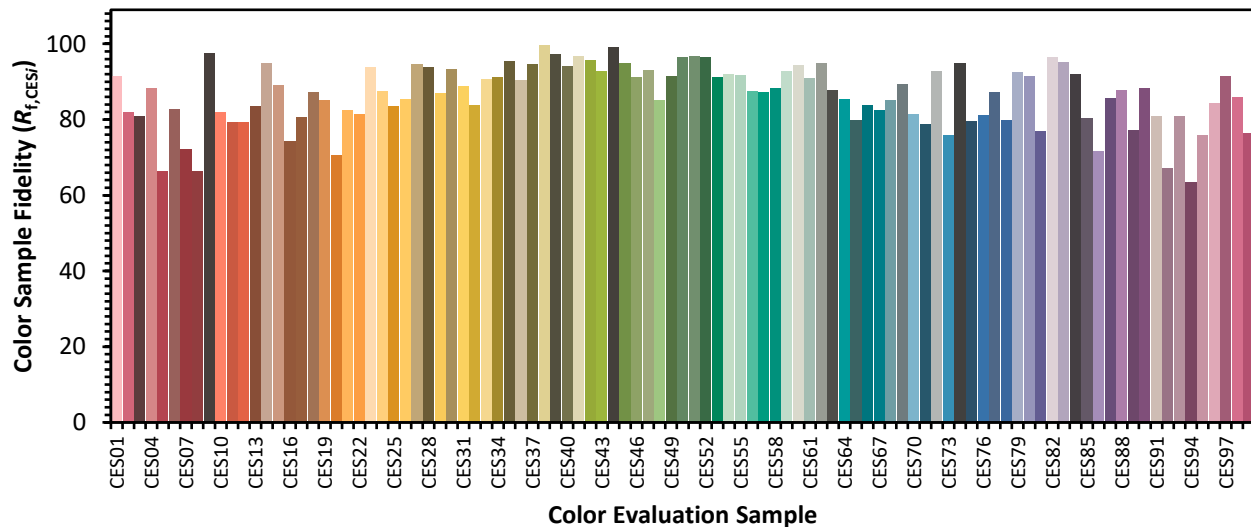


Color Vector Graphics

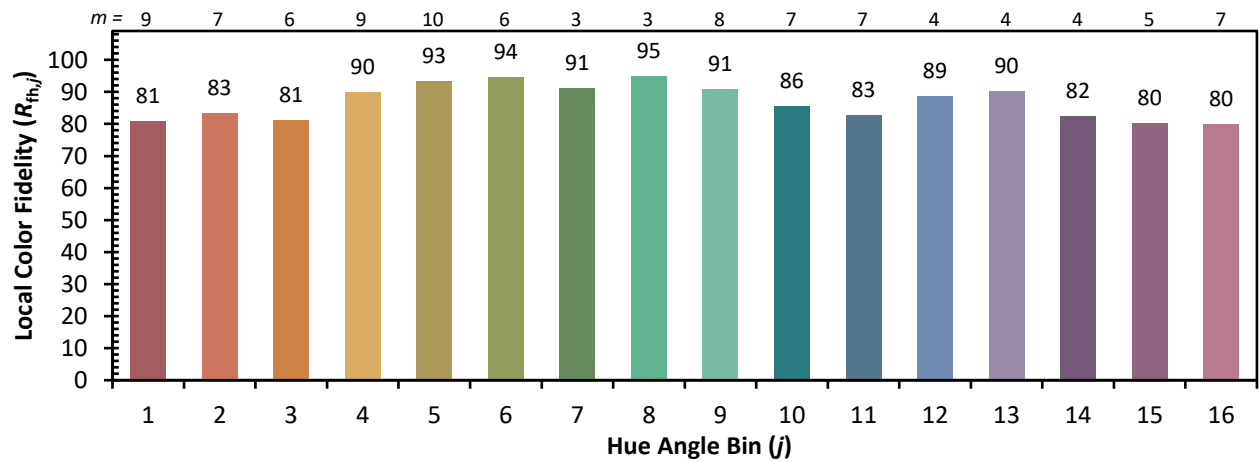
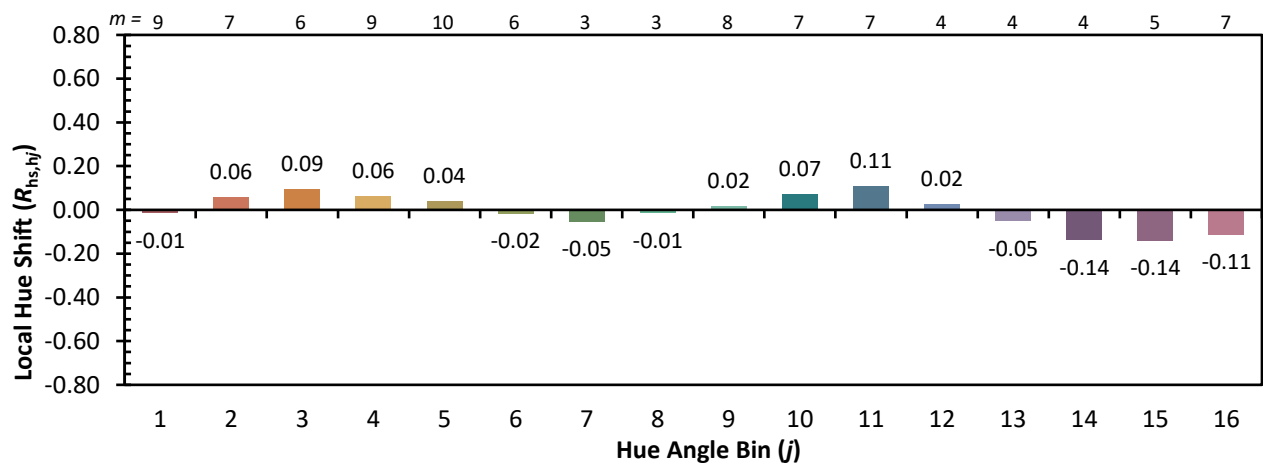
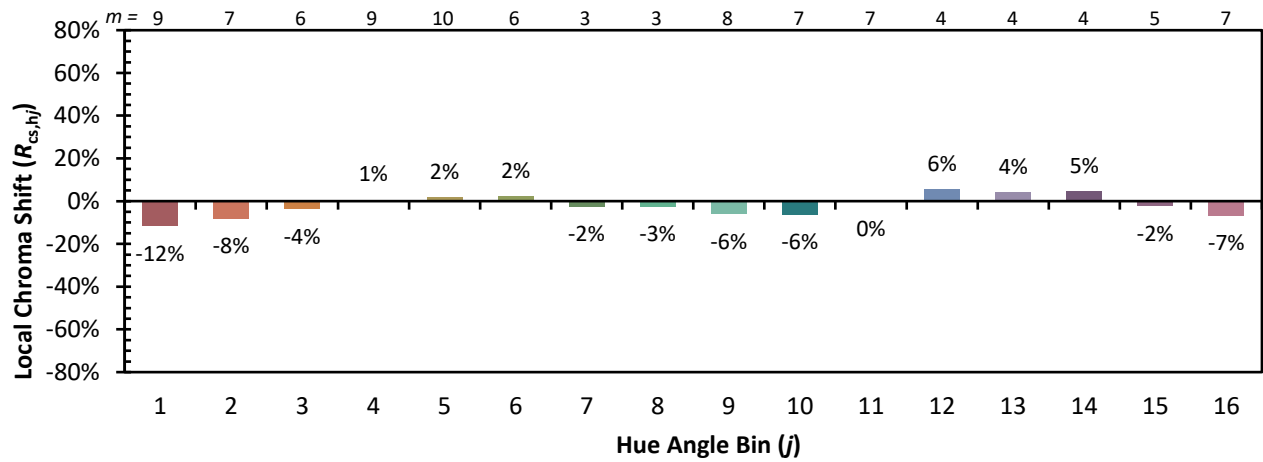


Individual Sample Fidelity Index ($R_{f,i}$)

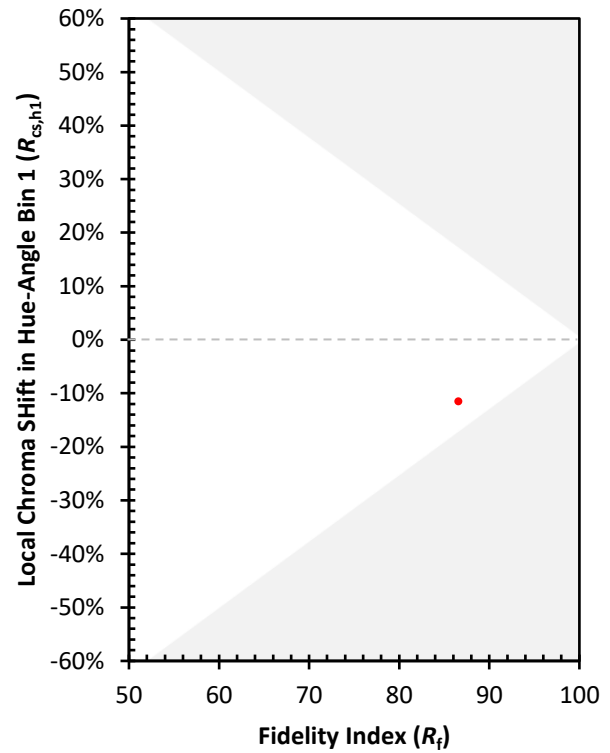
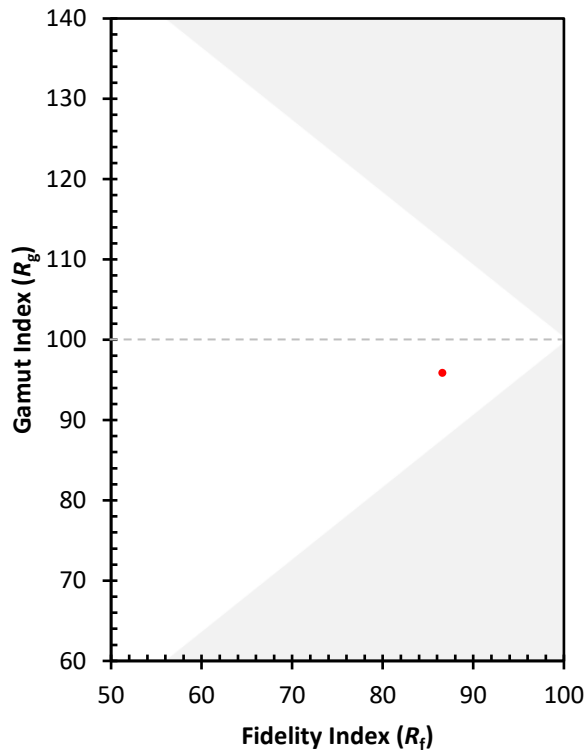
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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