

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: P1066184

Luminaire Tested: **NVN-SA5D-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066184
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5D-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26282.3 lumens
Efficiency: N/A
Efficacy: 97.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 269.7
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

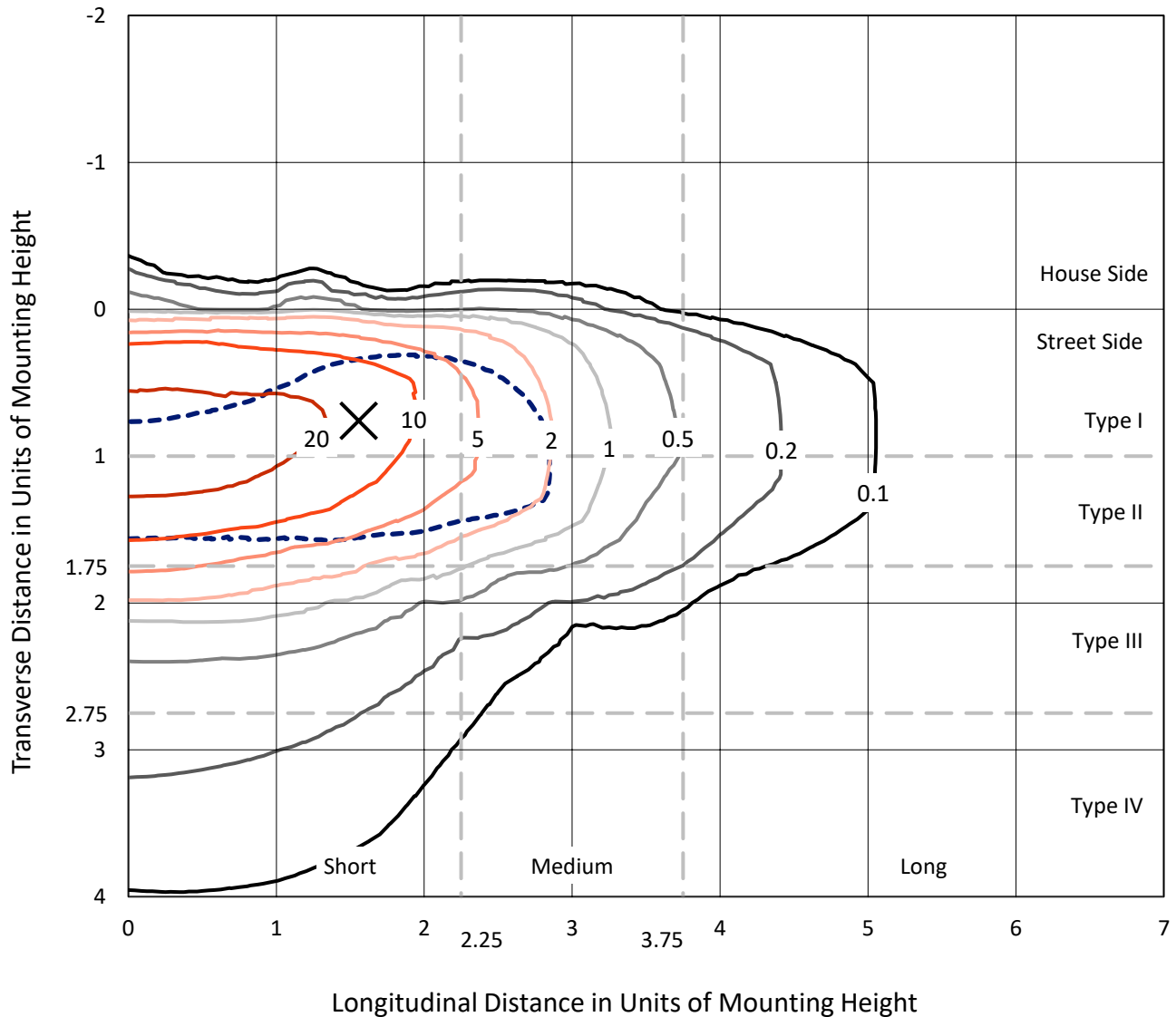


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

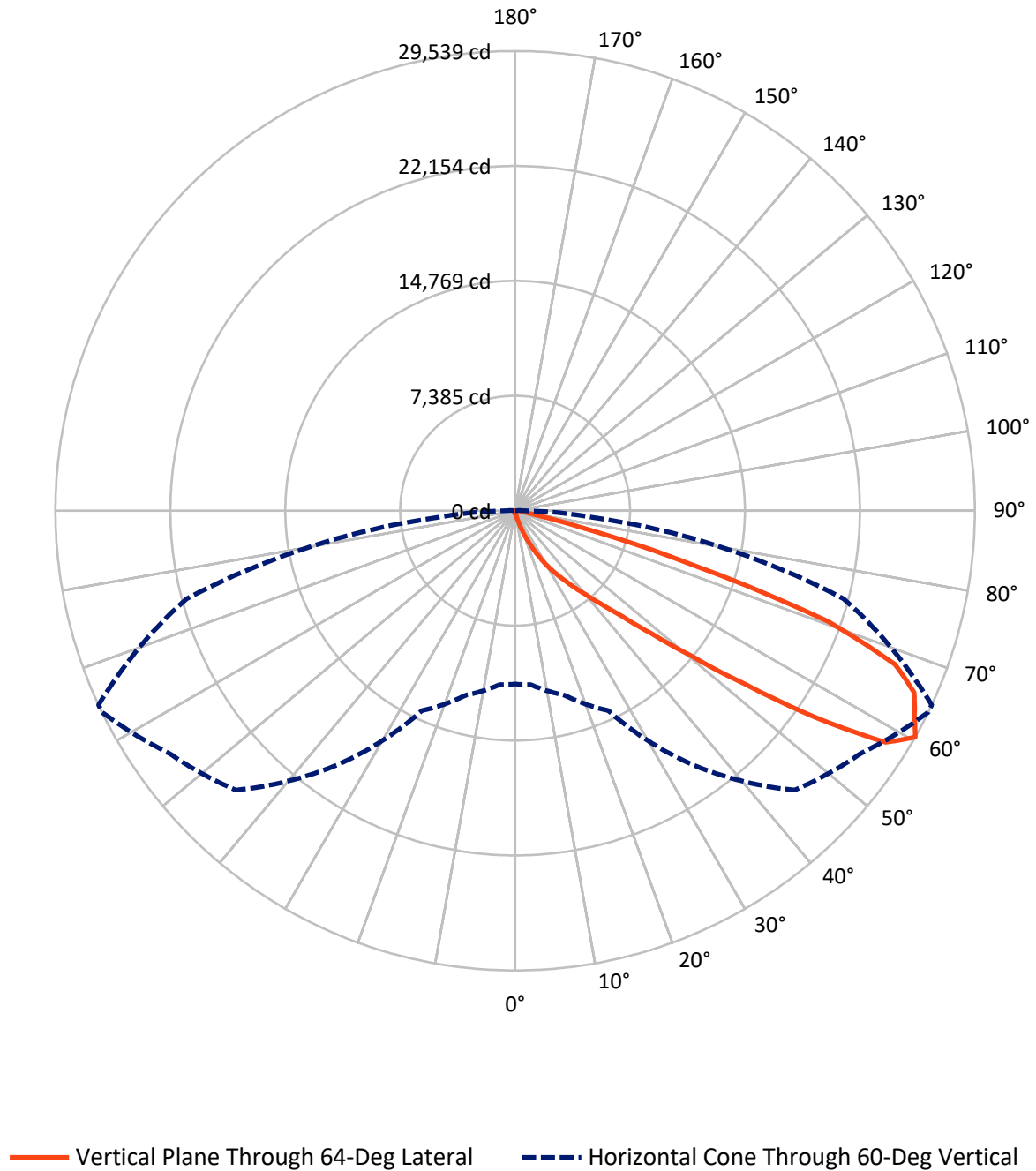


Based on 15 foot mounting height. Maximum calculated value = 37.7 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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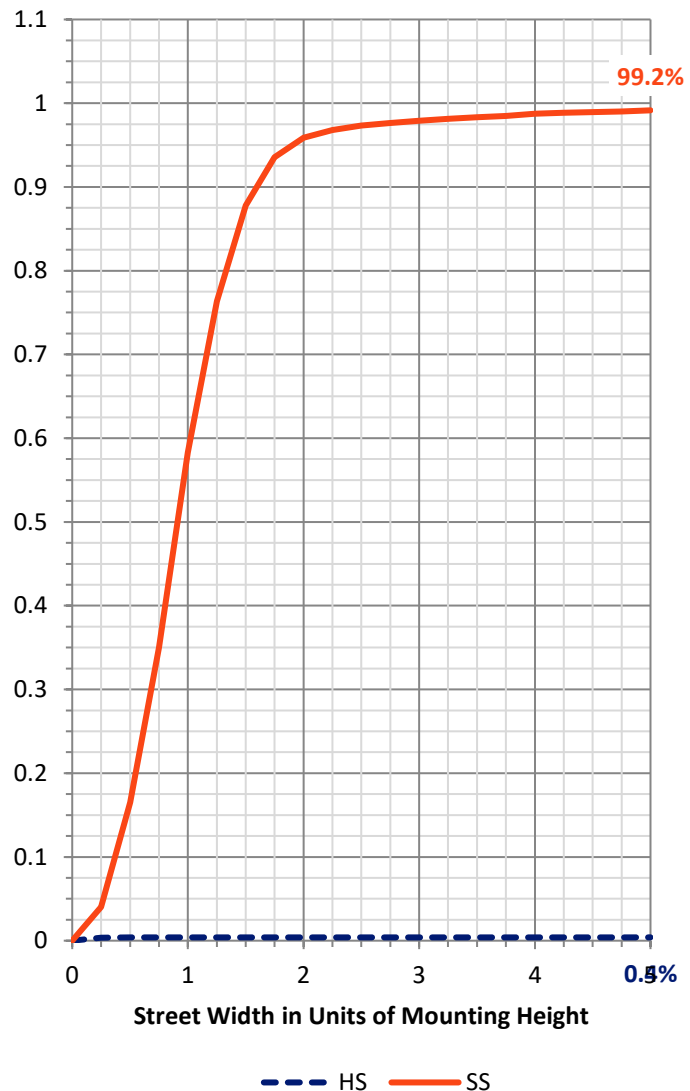
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	106.5	0.0	106.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26175.8	0.0	26175.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	26282.3	0.0	26282.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.2	0.1
10°-20°	258.3	1.0
20°-30°	857.8	3.3
30°-40°	2288.8	8.7
40°-50°	5817.7	22.1
50°-60°	8480.9	32.3
60°-70°	6550.7	24.9
70°-80°	1798.9	6.8
80°-90°	203.1	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°	26282.3	100.0
0°-180°	26282.3	100.0



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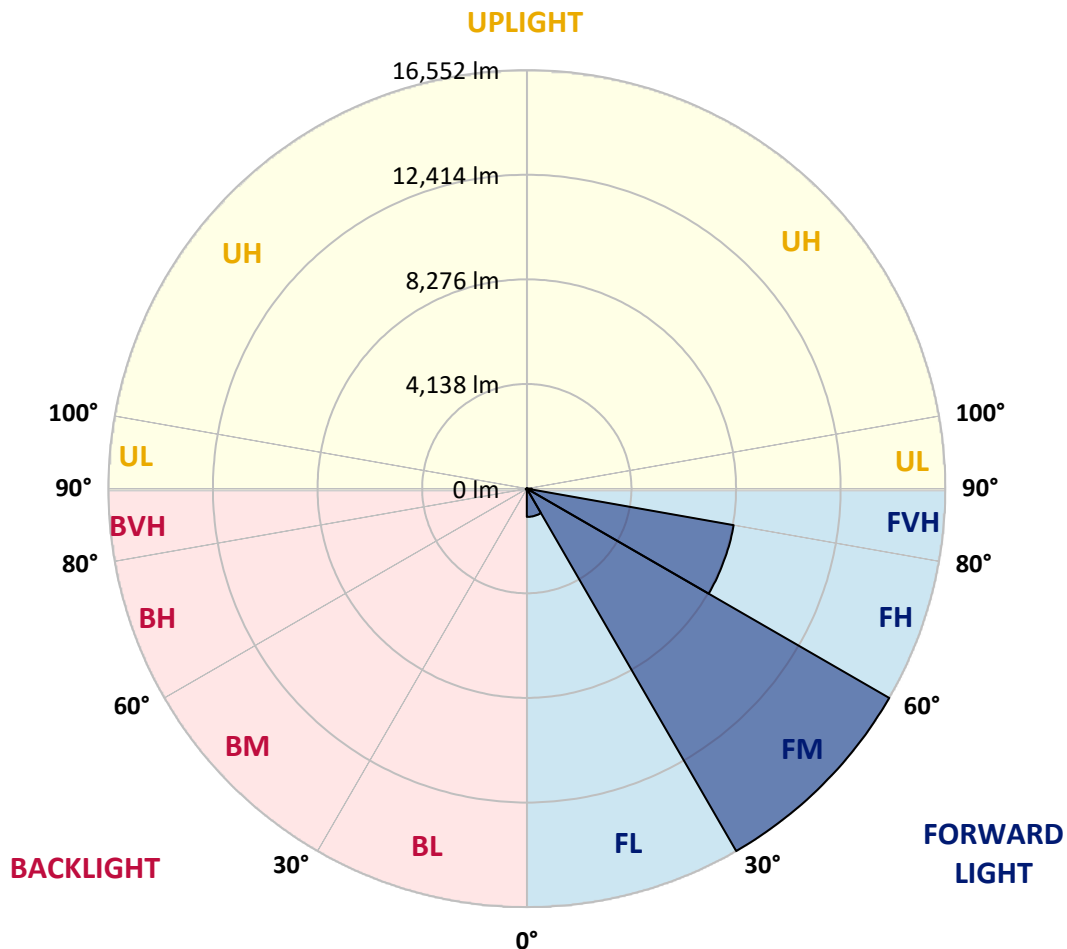
CATALOG NUMBER: NVN-SA5D-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1118.3	4.3			
FM	(30°-60°)	16552.1	63.0			
FH	(60°-80°)	8307.1	31.6			G4/12000
FVH	(80°-90°)	198.3	0.8			G2/225
BL	(0°-30°)	23.9	0.1	B0/110		
BM	(30°-60°)	35.3	0.1	B0/220		
BH	(60°-80°)	42.5	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6
2.5°	231.5	231.5	231.5	224.3	217.0	217.0	209.8	202.6	202.6	188.1	180.9
5°	354.5	354.5	340.0	325.6	303.9	274.9	246.0	224.3	224.3	202.6	188.1
7.5°	694.5	716.2	651.1	571.5	463.0	390.7	311.1	260.4	253.2	217.0	188.1
10°	1504.8	1490.3	1389.0	1193.7	940.5	680.1	434.1	318.3	303.9	231.5	188.1
12.5°	2264.4	2286.1	2177.6	1960.6	1656.7	1208.2	745.2	412.4	397.9	253.2	188.1
15°	2915.5	2915.5	2843.2	2734.7	2401.9	1931.6	1200.9	614.9	564.3	274.9	180.9
17.5°	3364.1	3356.8	3327.9	3299.0	3103.6	2618.9	1837.6	983.9	868.1	325.6	180.9
20°	3870.5	3848.8	3885.0	3827.1	3675.2	3291.7	2510.4	1461.4	1352.9	412.4	180.9
22.5°	4398.6	4420.3	4449.3	4391.4	4225.0	3892.2	3219.4	2076.3	1960.6	571.5	188.1
25°	5071.4	5057.0	5122.1	5071.4	4861.6	4471.0	3885.0	2749.1	2582.7	795.8	202.6
27.5°	5896.2	5867.2	5910.7	5780.4	5505.5	5107.6	4478.2	3436.4	3241.1	1143.1	231.5
30°	6988.6	7010.3	6815.0	6663.1	6272.4	5744.3	5136.6	4174.4	3971.8	1555.4	260.4
32.5°	8710.4	8558.5	8254.7	7639.7	7126.1	6453.2	5794.9	4818.2	4637.4	2083.6	303.9
35°	11394.5	11423.4	10757.8	9238.6	8124.4	7343.1	6518.4	5527.2	5397.0	2684.0	361.7
37.5°	14664.5	14584.9	13998.9	12081.8	9585.8	8450.0	7343.1	6301.3	6113.2	3335.1	434.1
40°	18368.6	18035.8	17695.8	16393.6	12631.6	9839.0	8384.9	7198.4	7053.7	4087.5	549.8
42.5°	21334.8	21248.0	21305.8	20763.3	17710.3	12204.7	9766.7	8298.1	8124.4	5020.8	752.4
45°	22796.2	22673.2	23020.4	23425.6	22644.2	17240.0	11994.9	9701.6	9470.1	6120.5	1063.5
47.5°	22405.5	22318.7	23063.8	23859.7	24901.4	23078.3	15633.9	11799.6	11401.7	7531.2	1526.5
50°	20481.1	20488.3	21711.0	23194.1	24843.6	26037.3	21023.7	14671.7	14172.5	9405.0	2250.0
52.5°	18607.3	18665.2	19960.2	22123.4	23982.6	26384.5	25755.1	18542.2	17732.0	11611.5	3103.6
55°	16682.9	16711.9	17854.9	20900.7	23577.5	25350.0	28185.9	23526.9	22665.9	14360.6	3935.6
57.5°	14830.9	14830.9	15257.7	17963.5	23136.2	25255.9	27896.5	28084.6	27382.9	17500.5	4550.6
60°	11141.3	11213.6	12277.1	14172.5	19953.0	25393.4	27158.6	29538.8	29538.8	21855.7	5020.8
62.5°	5628.5	5737.0	7061.0	8905.8	13687.8	23497.9	27274.4	28808.1	28923.9	25697.2	6091.5
65°	2640.6	2763.6	3472.6	4774.8	7364.8	16538.3	26073.4	28185.9	28149.8	24966.5	8348.7
67.5°	1895.5	1931.6	2170.4	2785.3	3964.6	7249.1	19902.3	26326.6	26341.1	21211.8	9600.3
70°	1700.1	1700.1	1758.0	1938.9	2387.4	3241.1	9672.6	21320.3	22354.9	16379.1	8898.5
72.5°	1678.4	1664.0	1649.5	1656.7	1613.3	1627.8	3320.7	12038.3	13514.2	11459.6	7097.1
75°	1635.0	1635.0	1620.5	1569.9	1287.8	1049.0	1143.1	4868.9	5628.5	7654.2	5266.8
77.5°	1295.0	1425.2	1577.1	1483.1	1179.2	788.6	665.6	1410.7	1779.7	4695.2	3819.9
80°	600.5	607.7	600.5	629.4	752.4	564.3	492.0	687.3	694.5	2604.4	2365.7
82.5°	434.1	441.3	419.6	376.2	332.8	303.9	405.1	506.4	542.6	1193.7	882.6
85°	130.2	123.0	144.7	195.3	231.5	267.7	340.0	426.8	448.5	441.3	130.2
87.5°	57.9	57.9	72.3	101.3	137.5	202.6	296.6	390.7	397.9	455.8	36.2
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-SA5D-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6	173.6
2.5°	180.9	173.6	166.4	159.2	151.9	144.7	137.5	137.5	144.7	144.7	144.7
5°	173.6	166.4	151.9	137.5	130.2	123.0	115.8	115.8	123.0	123.0	123.0
7.5°	173.6	159.2	144.7	130.2	115.8	108.5	101.3	101.3	101.3	108.5	108.5
10°	173.6	159.2	137.5	115.8	101.3	94.0	86.8	79.6	86.8	86.8	86.8
12.5°	166.4	151.9	130.2	108.5	86.8	72.3	65.1	65.1	65.1	65.1	65.1
15°	159.2	144.7	123.0	94.0	72.3	57.9	43.4	43.4	43.4	50.6	50.6
17.5°	151.9	137.5	108.5	72.3	50.6	36.2	28.9	28.9	28.9	36.2	36.2
20°	151.9	130.2	94.0	57.9	36.2	21.7	14.5	14.5	14.5	21.7	28.9
22.5°	151.9	130.2	86.8	43.4	21.7	14.5	7.2	7.2	7.2	7.2	7.2
25°	151.9	123.0	79.6	36.2	14.5	7.2	0.0	0.0	7.2	14.5	21.7
27.5°	151.9	115.8	65.1	21.7	14.5	7.2	0.0	7.2	14.5	14.5	14.5
30°	151.9	115.8	57.9	21.7	7.2	0.0	0.0	7.2	14.5	14.5	21.7
32.5°	159.2	108.5	50.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	166.4	101.3	43.4	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	180.9	101.3	28.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	202.6	108.5	28.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	253.2	115.8	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	354.5	144.7	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	520.9	217.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	759.6	296.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	933.3	296.6	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	926.0	188.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	709.0	130.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	600.5	94.0	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	723.5	72.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1287.8	65.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2069.1	65.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2315.1	65.1	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1808.6	57.9	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	991.1	50.6	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	499.2	36.2	14.5	7.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	209.8	28.9	14.5	7.2	7.2	7.2	0.0	0.0	0.0	0.0	0.0
82.5°	72.3	28.9	14.5	14.5	7.2	7.2	0.0	0.0	0.0	0.0	0.0
85°	36.2	21.7	21.7	14.5	14.5	7.2	7.2	0.0	0.0	0.0	0.0
87.5°	21.7	21.7	21.7	14.5	14.5	7.2	7.2	0.0	0.0	0.0	7.2
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

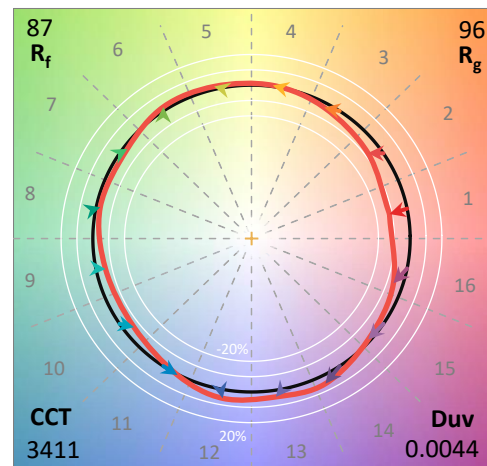
Test Information

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

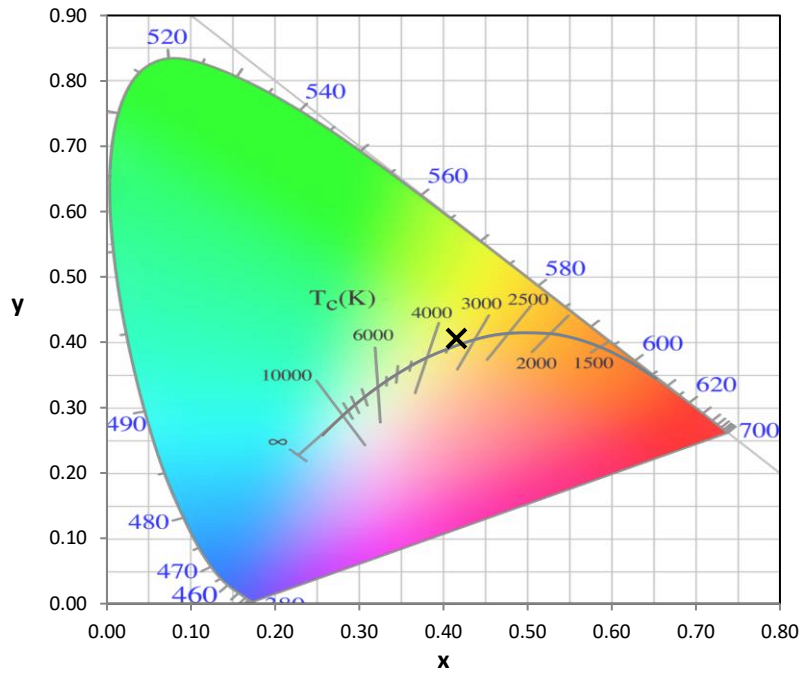
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

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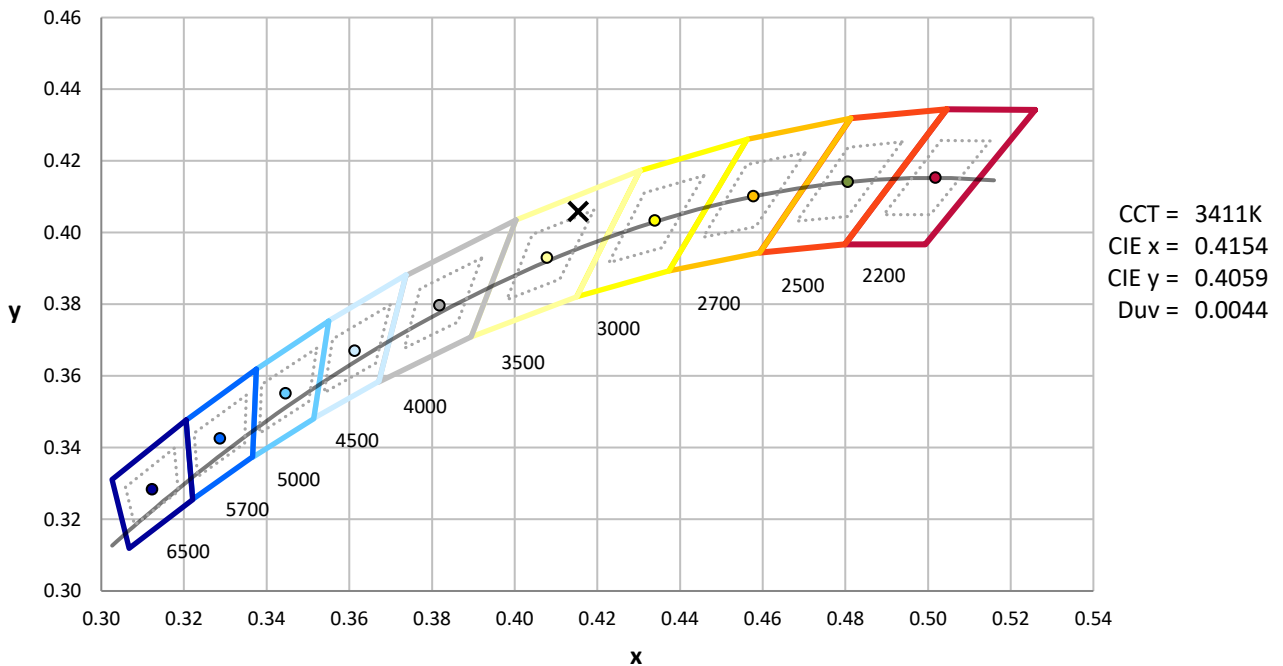
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



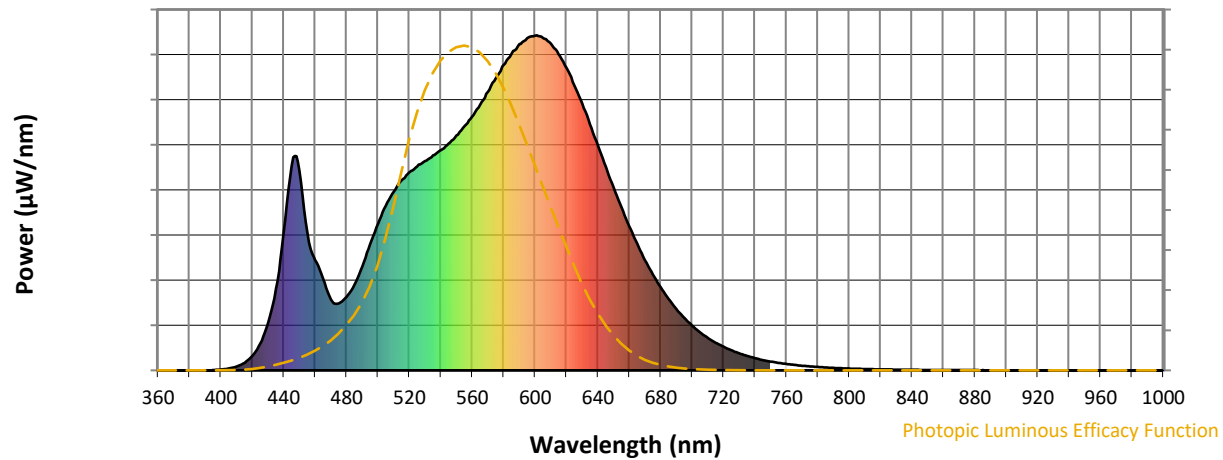
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

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Photopic Flux vs. Wavelength

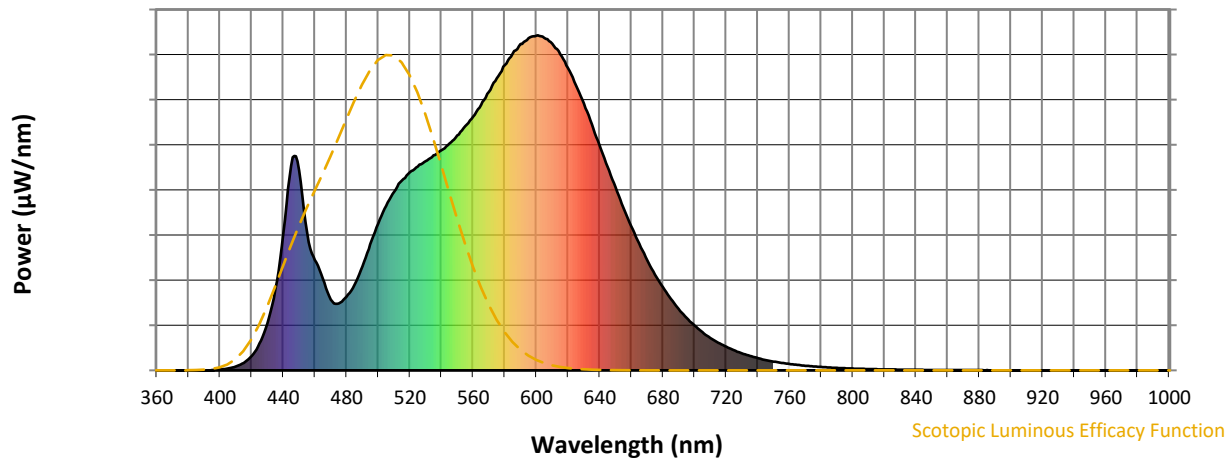


Photopic Lumens: NR

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



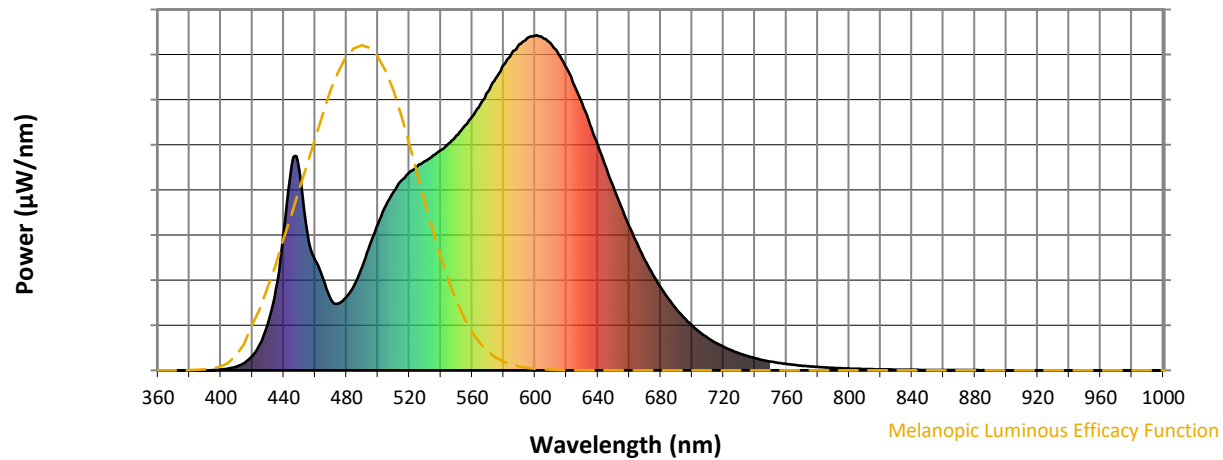
Scotopic Lumens: NR

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

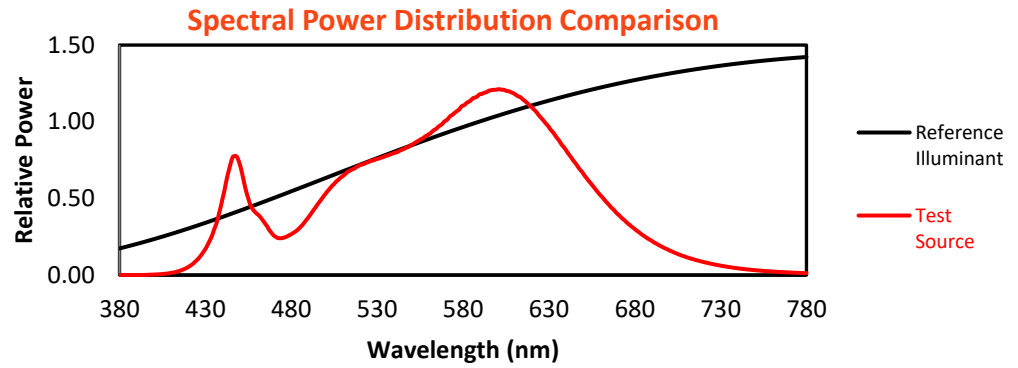
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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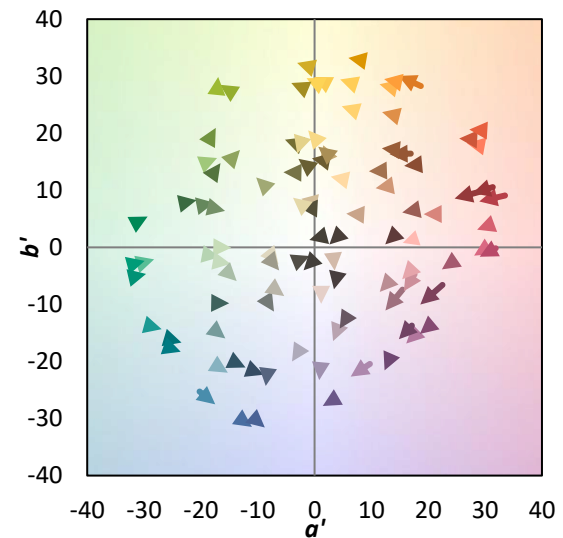
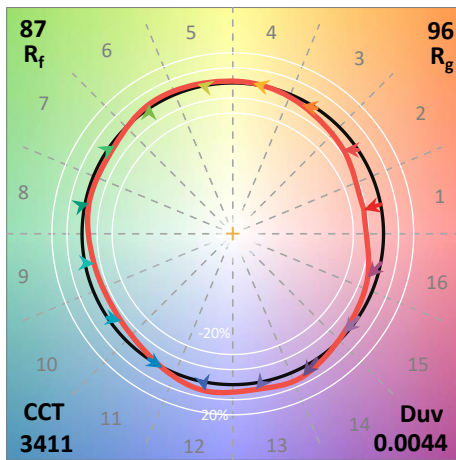
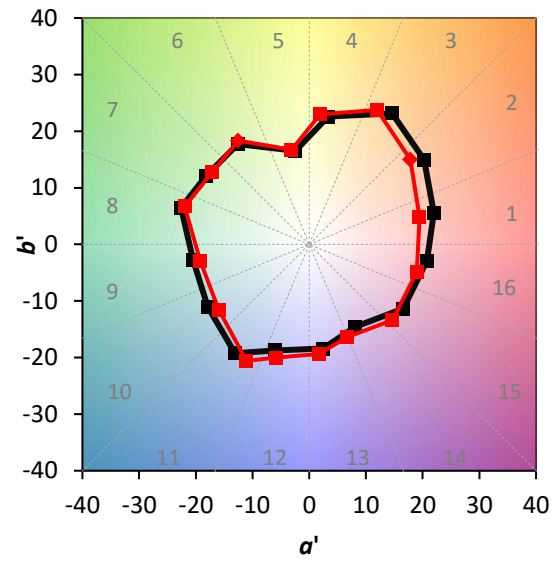
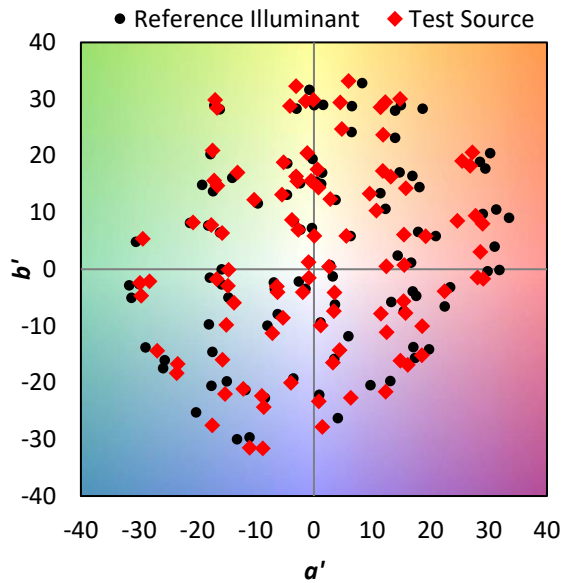
TM-30-18

Summary

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

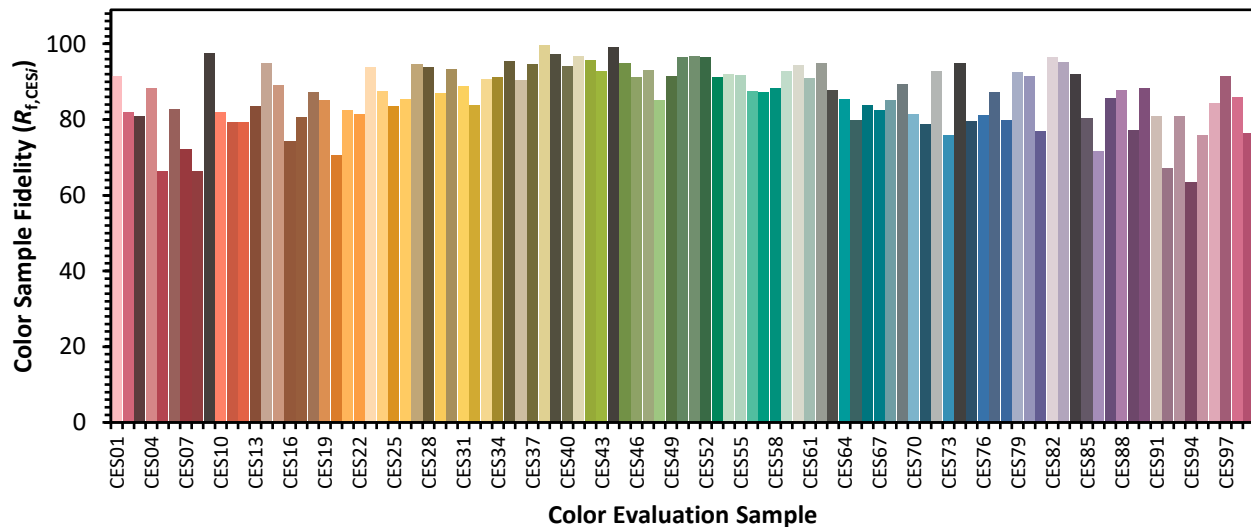


Color Vector Graphics

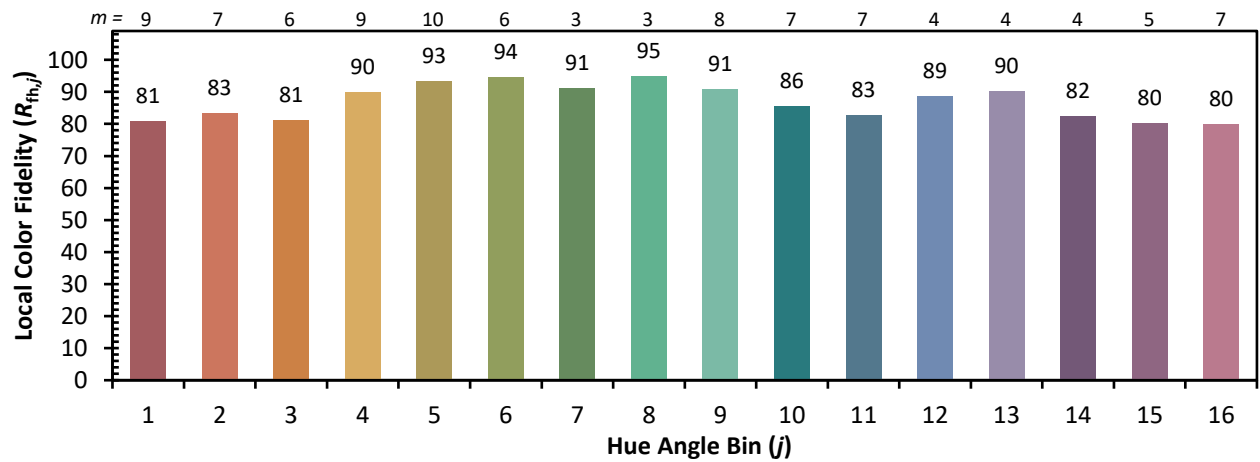
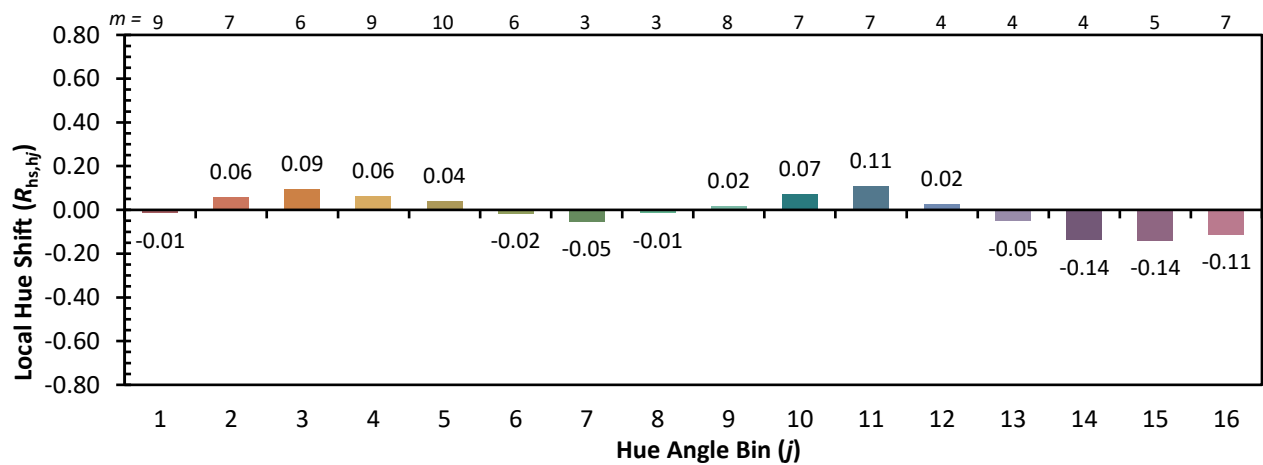
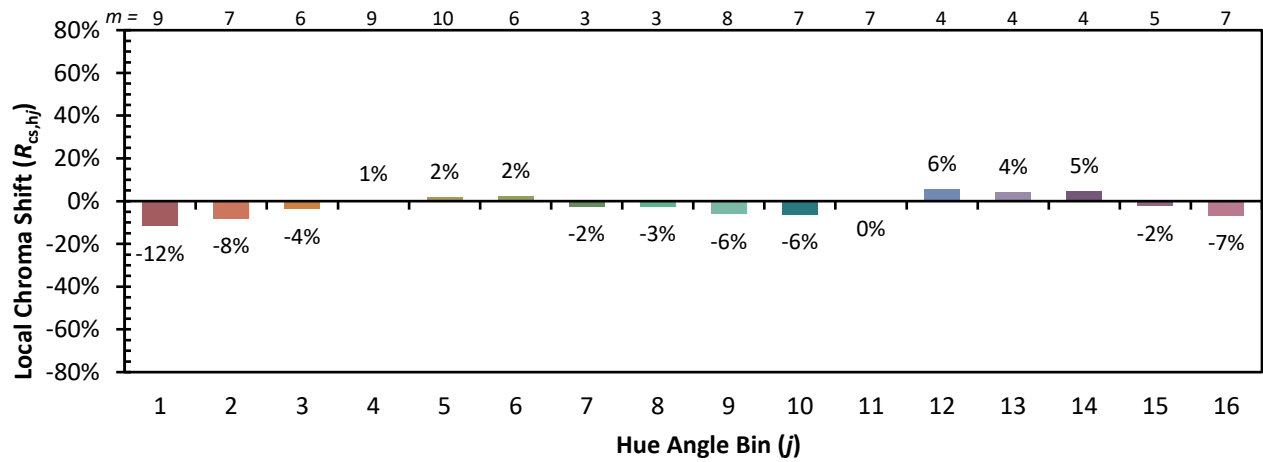


Individual Sample Fidelity Index ($R_{f,i}$)

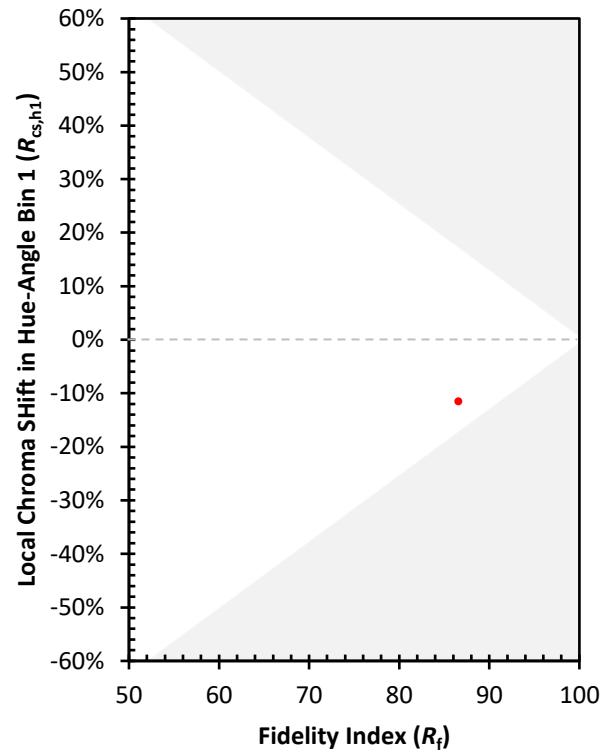
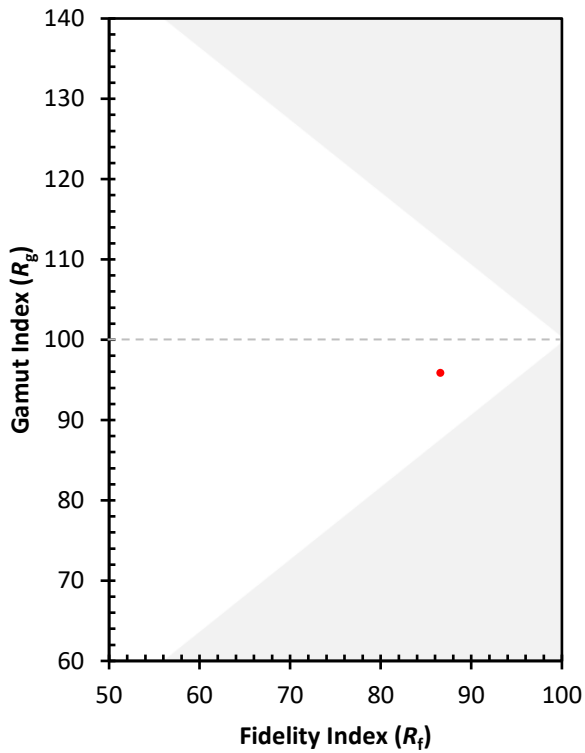
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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