

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: P1066181

Luminaire Tested: **NVN-SA5A-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066181
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5A-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 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: 15315.7 lumens
Efficiency: N/A
Efficacy: 111.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 137.4
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

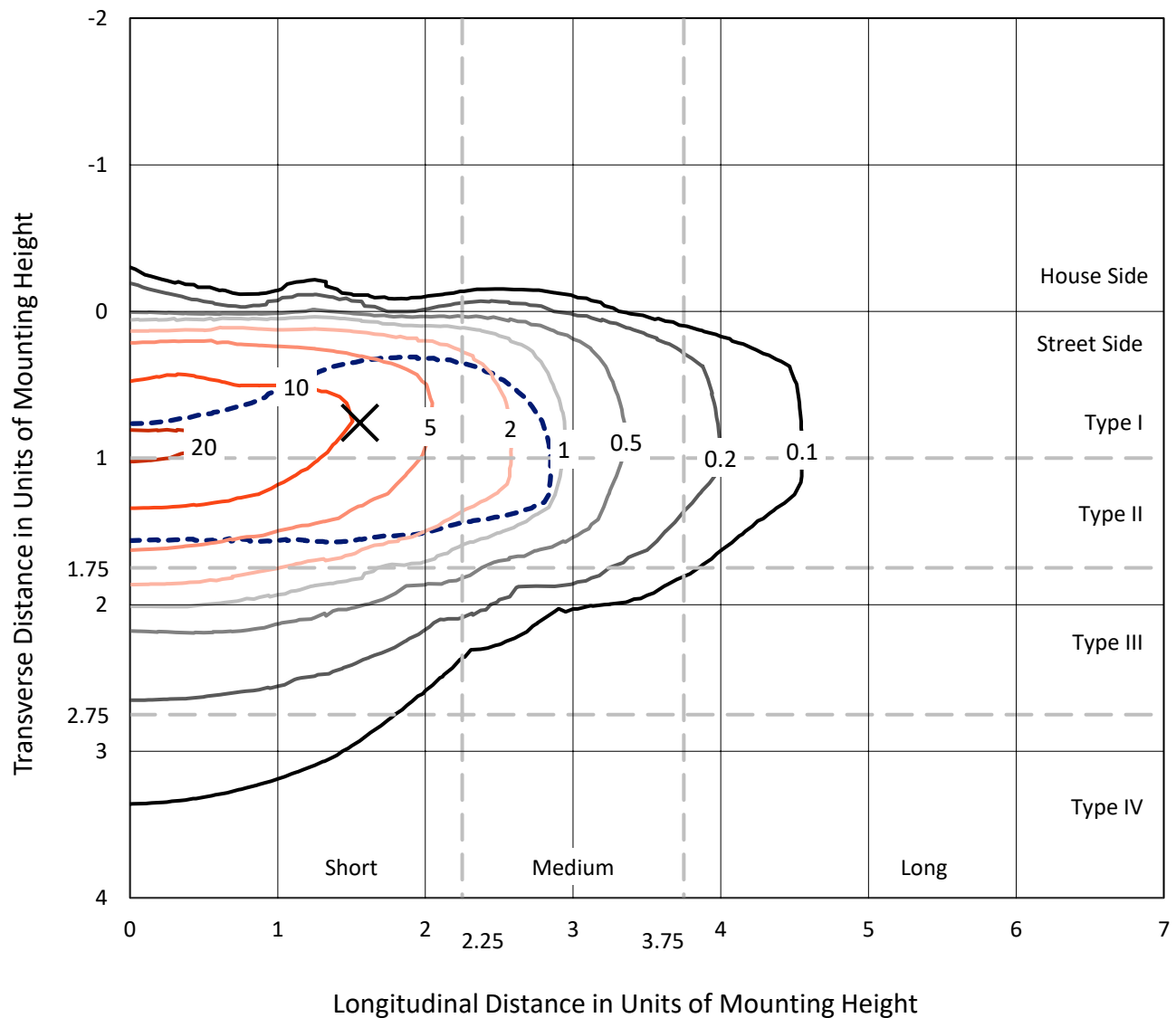


REPORT NUMBER: P1066181

CATALOG NUMBER: NVN-SA5A-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

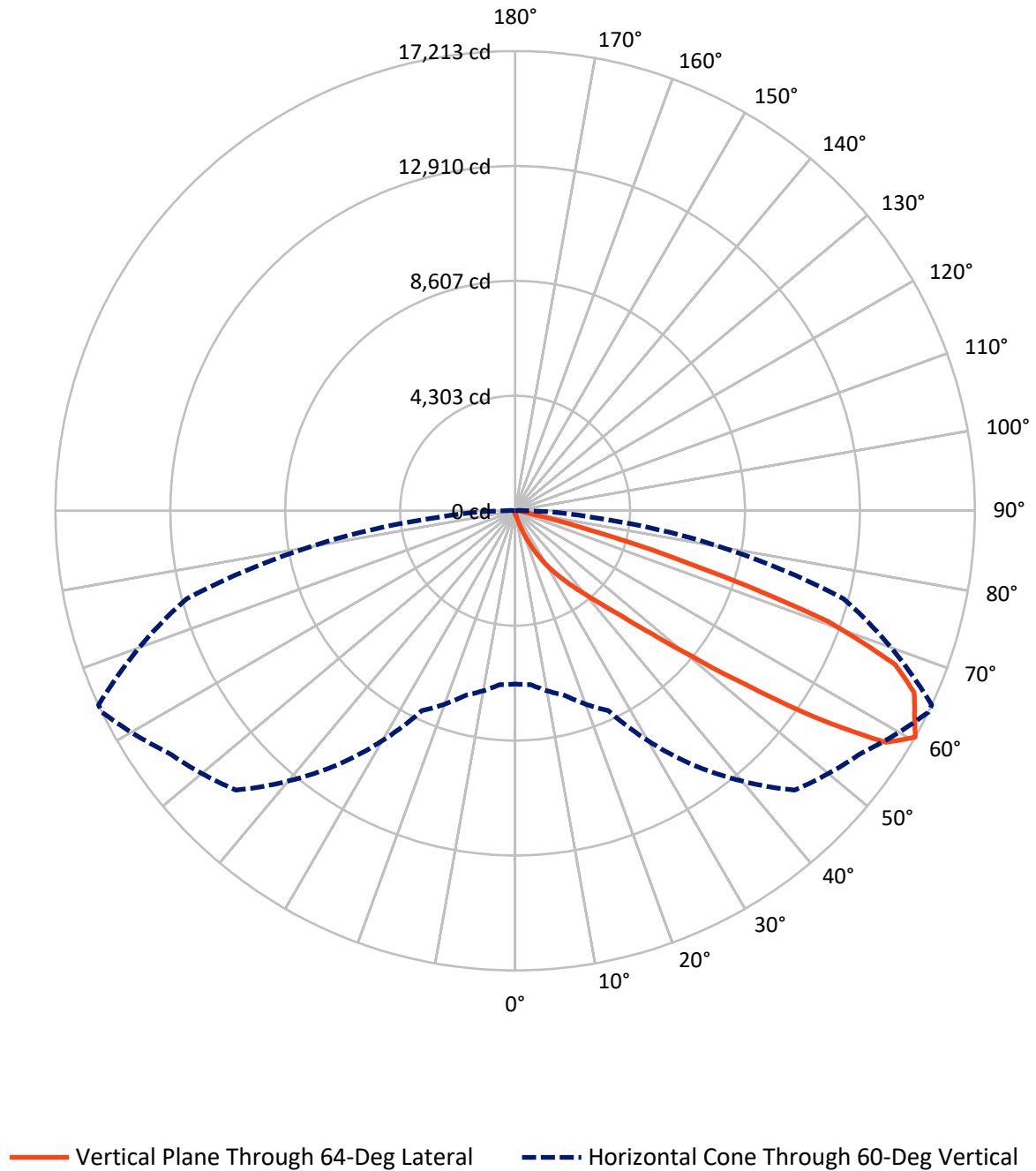


Based on 15 foot mounting height. Maximum calculated value = 22 fc
 Type II - Short - N/A

REPORT NUMBER: P1066181

CATALOG NUMBER: NVN-SA5A-835-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066181

CATALOG NUMBER: NVN-SA5A-835-U-T2BC

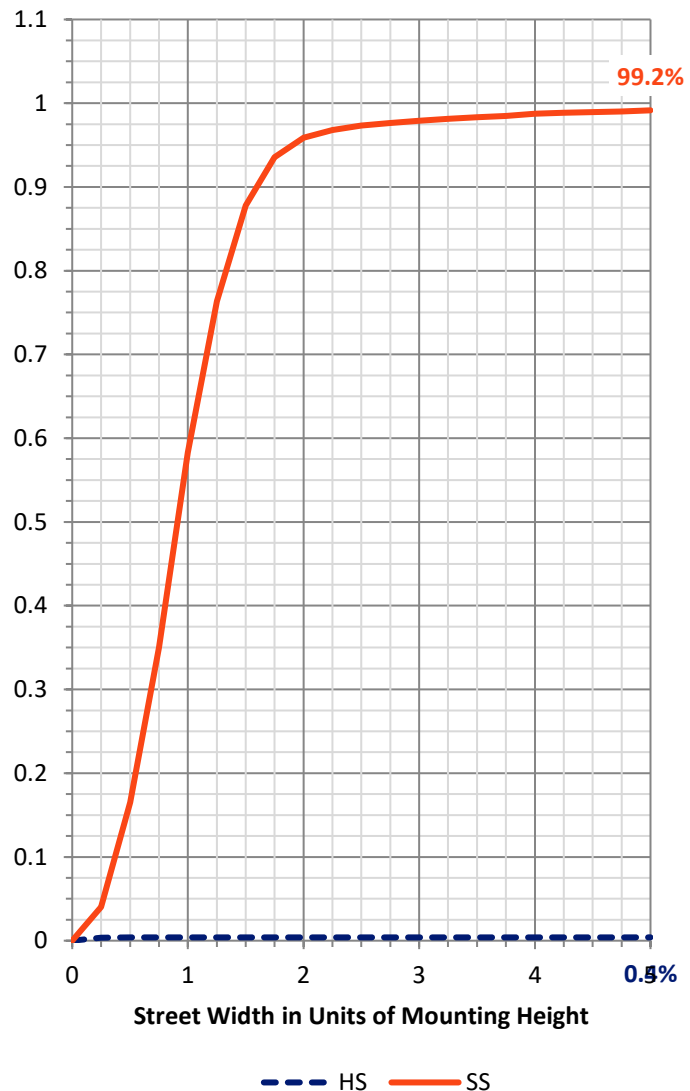
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.1	0.0	62.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15253.6	0.0	15253.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	15315.7	0.0	15315.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.2	0.1
10°-20°	150.5	1.0
20°-30°	499.9	3.3
30°-40°	1333.8	8.7
40°-50°	3390.2	22.1
50°-60°	4942.1	32.3
60°-70°	3817.3	24.9
70°-80°	1048.3	6.8
80°-90°	118.3	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°	15315.7	100.0
0°-180°	15315.7	100.0



REPORT NUMBER: P1066181

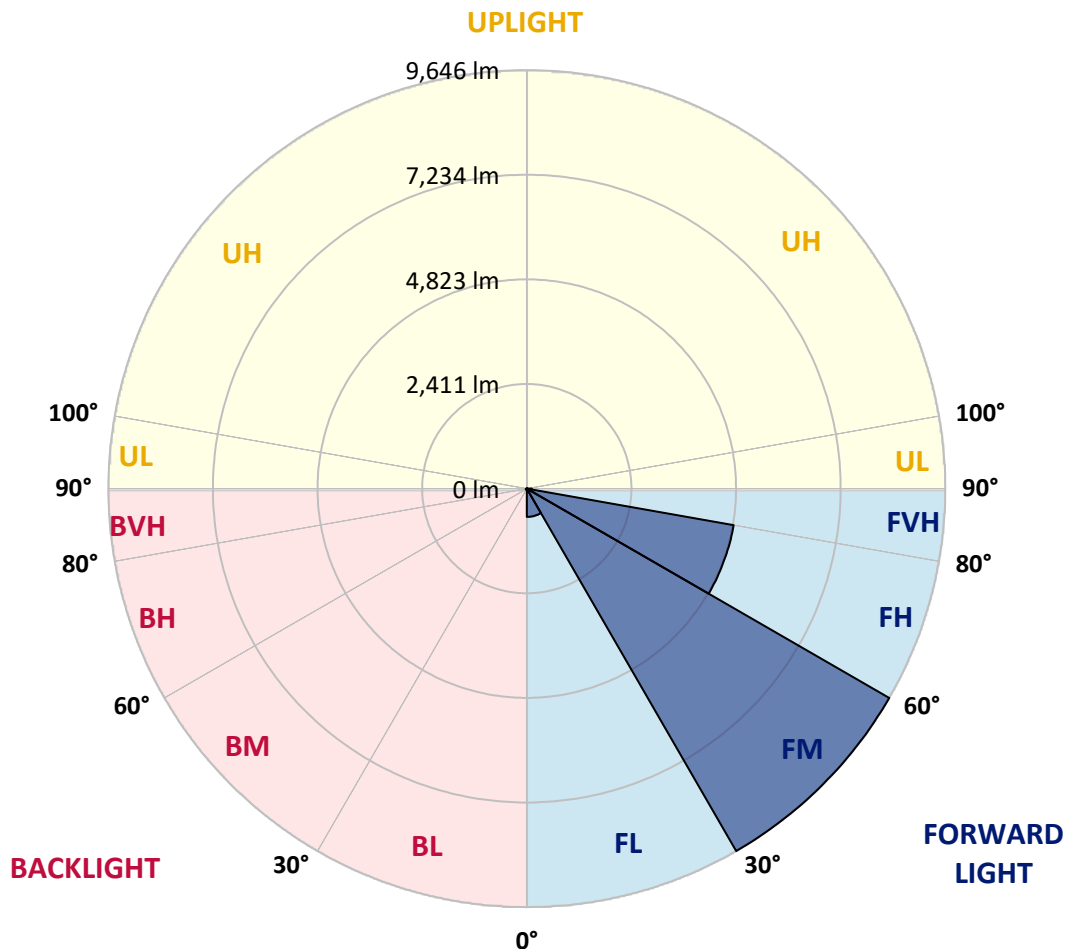
CATALOG NUMBER: NVN-SA5A-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	651.7	4.3			
FM	(30°-60°)	9645.6	63.0			
FH	(60°-80°)	4840.9	31.6			G2/5000
FVH	(80°-90°)	115.5	0.8			G2/225
BL	(0°-30°)	13.9	0.1	B0/110		
BM	(30°-60°)	20.6	0.1	B0/220		
BH	(60°-80°)	24.8	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-G2

Type II Short



REPORT NUMBER: P1066181

CATALOG NUMBER: NVN-SA5A-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
2.5°	134.9	134.9	134.9	130.7	126.5	126.5	122.3	118.0	118.0	109.6	105.4
5°	206.6	206.6	198.1	189.7	177.1	160.2	143.3	130.7	130.7	118.0	109.6
7.5°	404.7	417.4	379.4	333.1	269.8	227.7	181.3	151.8	147.6	126.5	109.6
10°	876.9	868.5	809.4	695.6	548.1	396.3	253.0	185.5	177.1	134.9	109.6
12.5°	1319.6	1332.2	1269.0	1142.5	965.4	704.0	434.2	240.3	231.9	147.6	109.6
15°	1699.0	1699.0	1656.8	1593.6	1399.7	1125.6	699.8	358.3	328.8	160.2	105.4
17.5°	1960.4	1956.2	1939.3	1922.4	1808.6	1526.1	1070.8	573.4	505.9	189.7	105.4
20°	2255.5	2242.8	2263.9	2230.2	2141.7	1918.2	1462.9	851.6	788.4	240.3	105.4
22.5°	2563.2	2575.9	2592.8	2559.0	2462.1	2268.1	1876.1	1210.0	1142.5	333.1	109.6
25°	2955.3	2946.9	2984.8	2955.3	2833.1	2605.4	2263.9	1602.0	1505.1	463.7	118.0
27.5°	3435.9	3419.1	3444.4	3368.5	3208.3	2976.4	2609.6	2002.5	1888.7	666.1	134.9
30°	4072.5	4085.2	3971.3	3882.8	3655.2	3347.4	2993.3	2432.6	2314.5	906.4	151.8
32.5°	5075.9	4987.4	4810.3	4452.0	4152.6	3760.6	3376.9	2807.8	2702.4	1214.2	177.1
35°	6640.0	6656.9	6269.0	5383.7	4734.4	4279.1	3798.5	3220.9	3145.0	1564.1	210.8
37.5°	8545.6	8499.2	8157.7	7040.5	5586.0	4924.1	4279.1	3672.0	3562.4	1943.5	253.0
40°	10704.1	10510.2	10312.0	9553.2	7360.9	5733.6	4886.2	4194.8	4110.5	2382.0	320.4
42.5°	12432.6	12382.0	12415.7	12099.5	10320.4	7112.2	5691.4	4835.6	4734.4	2925.8	438.5
45°	13284.2	13212.5	13414.9	13651.0	13195.7	10046.4	6989.9	5653.5	5518.6	3566.6	619.7
47.5°	13056.5	13005.9	13440.2	13903.9	14511.0	13448.6	9110.5	6876.1	6644.2	4388.7	889.5
50°	11935.1	11939.3	12651.8	13516.1	14477.3	15172.9	12251.3	8549.8	8258.9	5480.6	1311.1
52.5°	10843.2	10876.9	11631.6	12892.1	13975.6	15375.3	15008.5	10805.3	10333.1	6766.5	1808.6
55°	9721.8	9738.7	10404.8	12179.6	13739.5	14772.4	16425.0	13710.0	13208.3	8368.5	2293.4
57.5°	8642.5	8642.5	8891.3	10468.0	13482.3	14717.6	16256.4	16366.0	15957.1	10198.2	2651.8
60°	6492.4	6534.6	7154.3	8258.9	11627.4	14797.7	15826.4	17213.4	17213.4	12736.1	2925.8
62.5°	3279.9	3343.2	4114.7	5189.7	7976.4	13693.1	15893.8	16787.6	16855.0	14974.8	3549.8
65°	1538.8	1610.5	2023.6	2782.5	4291.8	9637.5	15194.0	16425.0	16403.9	14549.0	4865.1
67.5°	1104.6	1125.6	1264.8	1623.1	2310.3	4224.3	11597.8	15341.5	15350.0	12360.9	5594.5
70°	990.7	990.7	1024.5	1129.9	1391.2	1888.7	5636.6	12424.2	13027.0	9544.7	5185.5
72.5°	978.1	969.6	961.2	965.4	940.1	948.6	1935.1	7015.2	7875.2	6677.9	4135.8
75°	952.8	952.8	944.4	914.8	750.4	611.3	666.1	2837.3	3279.9	4460.4	3069.2
77.5°	754.6	830.5	919.1	864.3	687.2	459.5	387.9	822.1	1037.1	2736.1	2226.0
80°	349.9	354.1	349.9	366.8	438.5	328.8	286.7	400.5	404.7	1517.7	1378.6
82.5°	253.0	257.2	244.5	219.2	193.9	177.1	236.1	295.1	316.2	695.6	514.3
85°	75.9	71.7	84.3	113.8	134.9	156.0	198.1	248.7	261.4	257.2	75.9
87.5°	33.7	33.7	42.2	59.0	80.1	118.0	172.9	227.7	231.9	265.6	21.1
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: P1066181

CATALOG NUMBER: NVN-SA5A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2	101.2
2.5°	105.4	101.2	97.0	92.7	88.5	84.3	80.1	80.1	84.3	84.3	84.3
5°	101.2	97.0	88.5	80.1	75.9	71.7	67.5	67.5	71.7	71.7	71.7
7.5°	101.2	92.7	84.3	75.9	67.5	63.2	59.0	59.0	59.0	63.2	63.2
10°	101.2	92.7	80.1	67.5	59.0	54.8	50.6	46.4	50.6	50.6	50.6
12.5°	97.0	88.5	75.9	63.2	50.6	42.2	37.9	37.9	37.9	37.9	37.9
15°	92.7	84.3	71.7	54.8	42.2	33.7	25.3	25.3	25.3	29.5	29.5
17.5°	88.5	80.1	63.2	42.2	29.5	21.1	16.9	16.9	16.9	21.1	21.1
20°	88.5	75.9	54.8	33.7	21.1	12.6	8.4	8.4	8.4	12.6	16.9
22.5°	88.5	75.9	50.6	25.3	12.6	8.4	4.2	4.2	4.2	4.2	4.2
25°	88.5	71.7	46.4	21.1	8.4	4.2	0.0	0.0	4.2	8.4	12.6
27.5°	88.5	67.5	37.9	12.6	8.4	4.2	0.0	4.2	8.4	8.4	8.4
30°	88.5	67.5	33.7	12.6	4.2	0.0	0.0	4.2	8.4	8.4	12.6
32.5°	92.7	63.2	29.5	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	97.0	59.0	25.3	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	105.4	59.0	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	118.0	63.2	16.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	147.6	67.5	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	206.6	84.3	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	303.5	126.5	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	442.7	172.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	543.8	172.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	539.6	109.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	413.2	75.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	349.9	54.8	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	421.6	42.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	750.4	37.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1205.7	37.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1349.1	37.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1054.0	33.7	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	577.6	29.5	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	290.9	21.1	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	122.3	16.9	8.4	4.2	4.2	4.2	0.0	0.0	0.0	0.0	0.0
82.5°	42.2	16.9	8.4	8.4	4.2	4.2	0.0	0.0	0.0	0.0	0.0
85°	21.1	12.6	12.6	8.4	8.4	4.2	4.2	0.0	0.0	0.0	0.0
87.5°	12.6	12.6	12.6	8.4	8.4	4.2	4.2	0.0	0.0	0.0	4.2
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

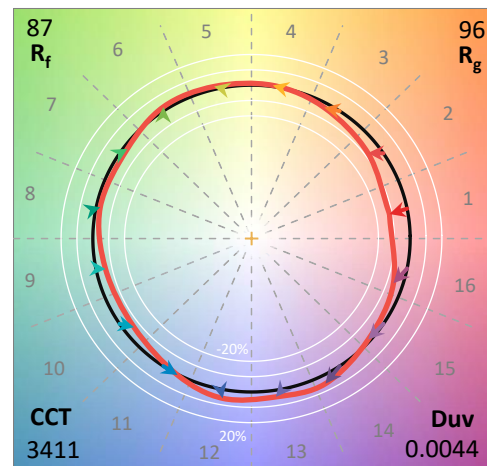
Test Information

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

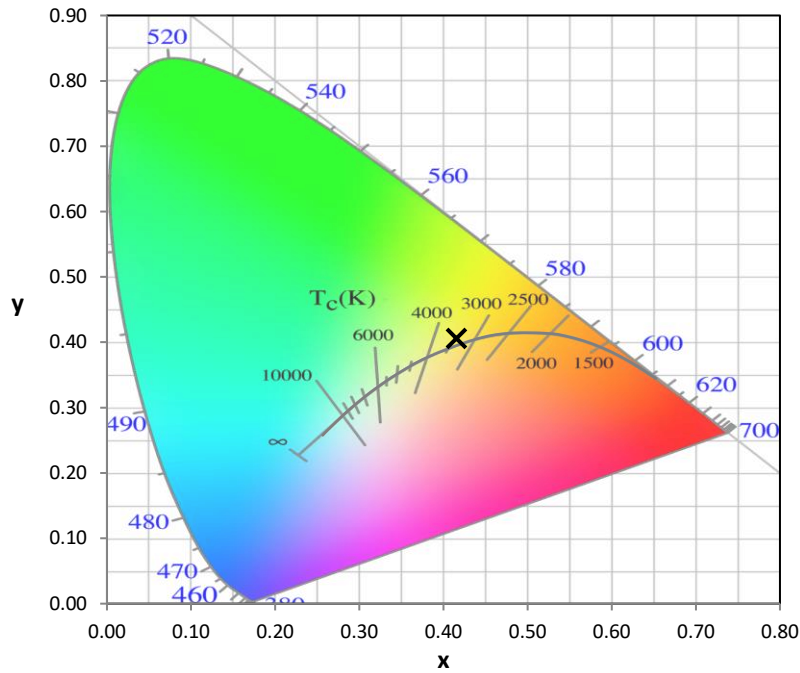
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

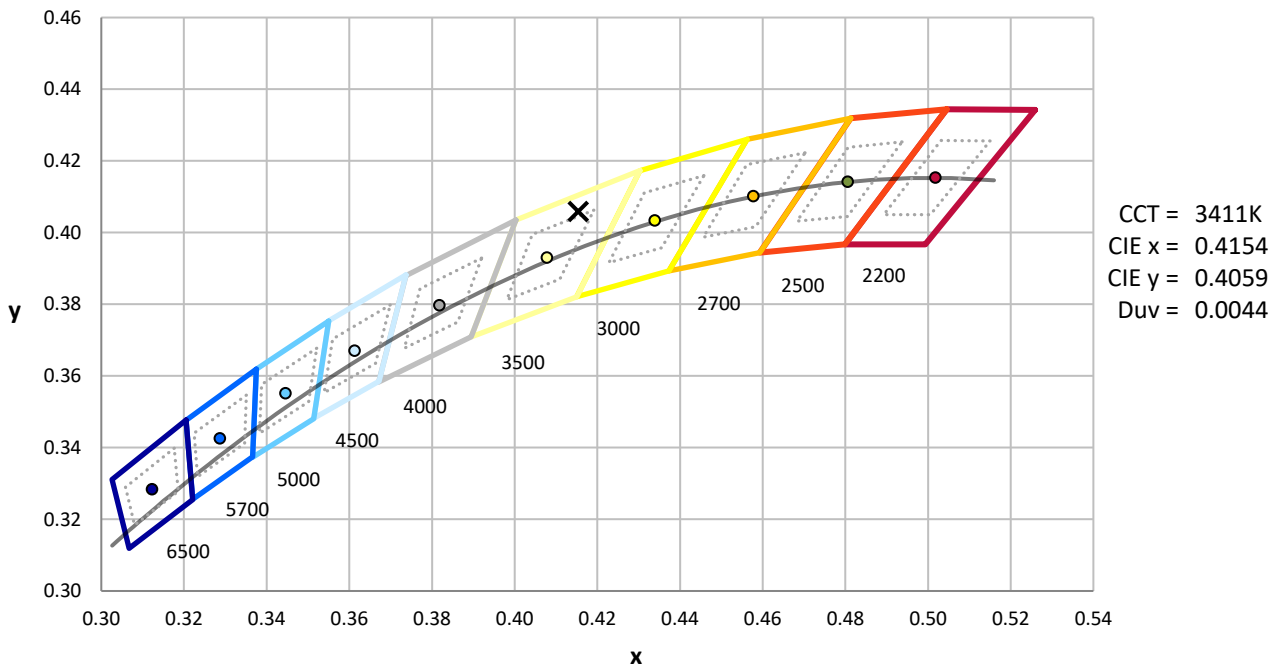
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



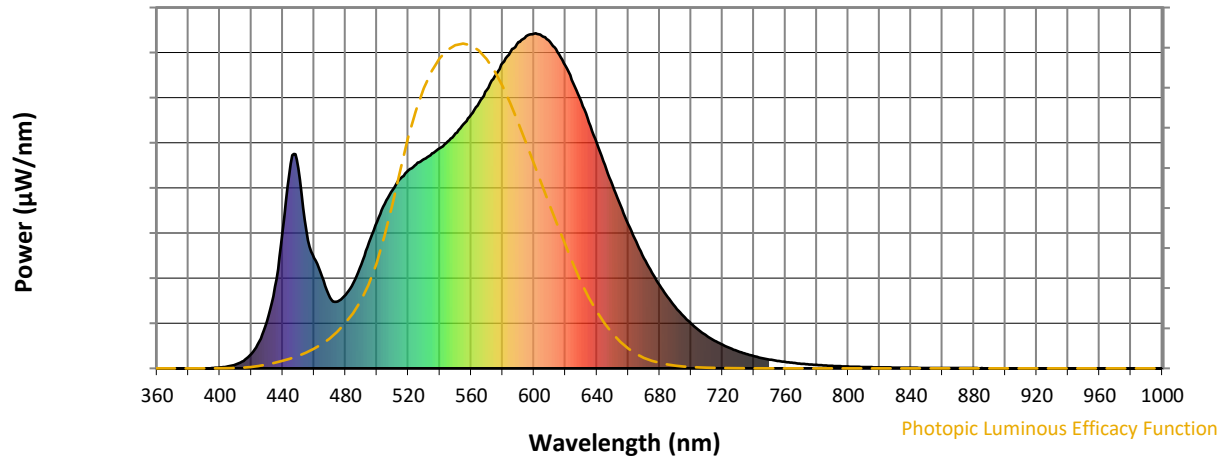
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

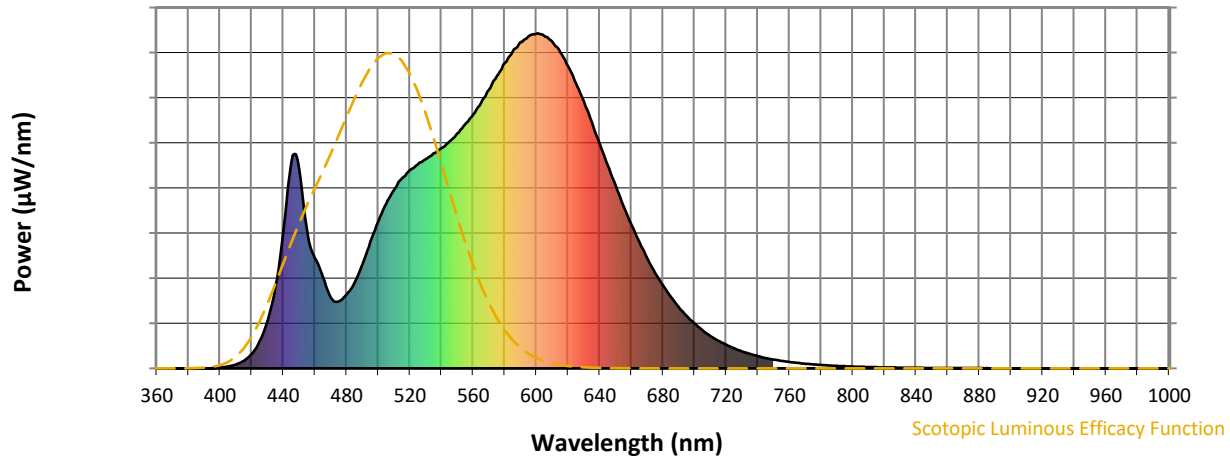


Photopic Lumens: NR

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



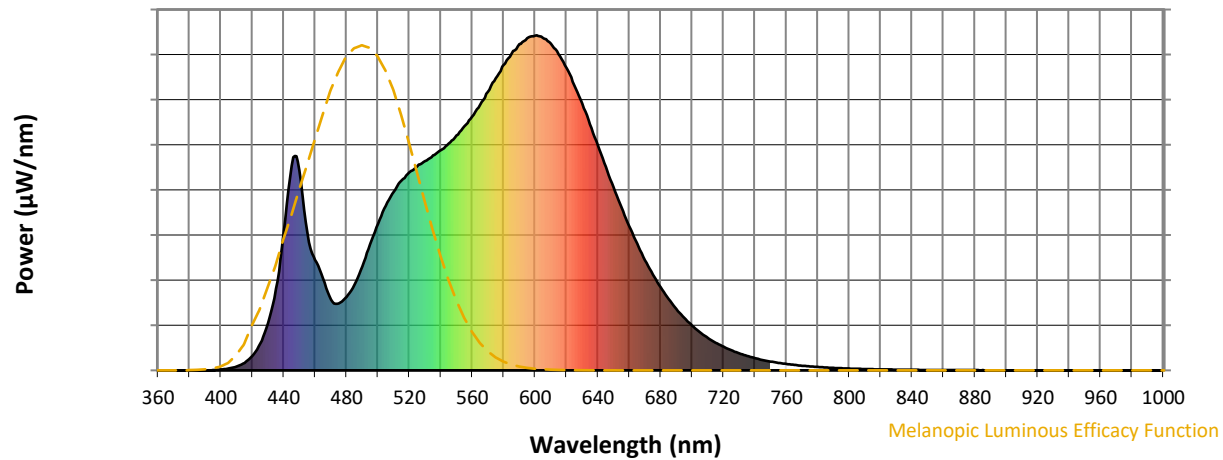
Scotopic Lumens: NR

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

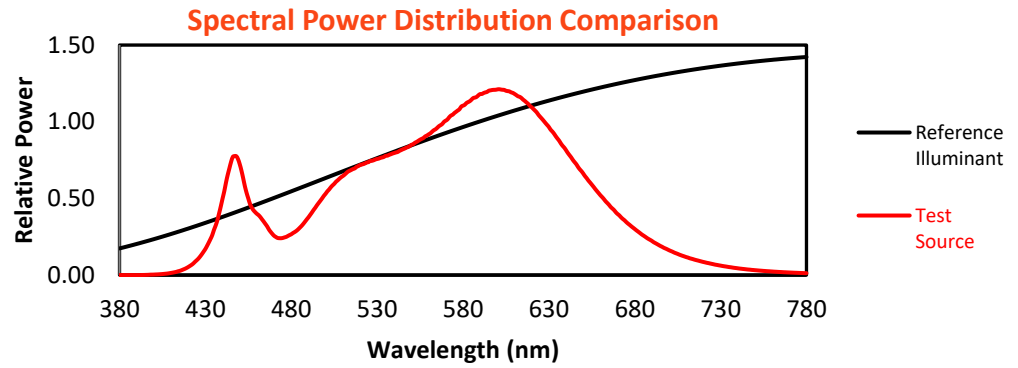
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903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

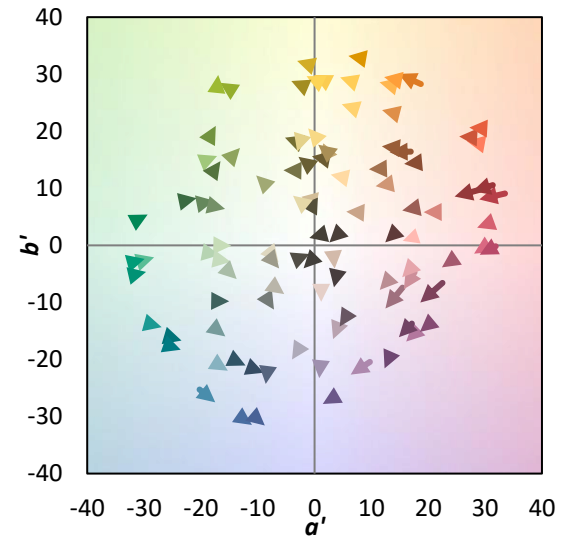
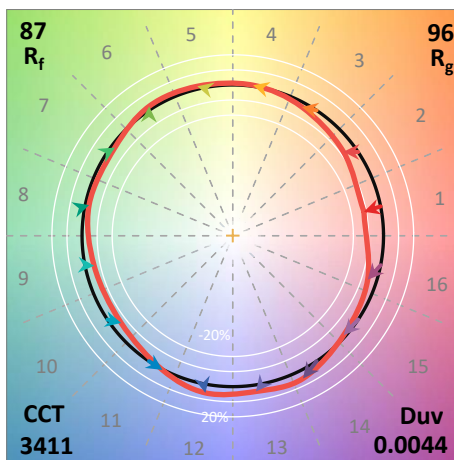
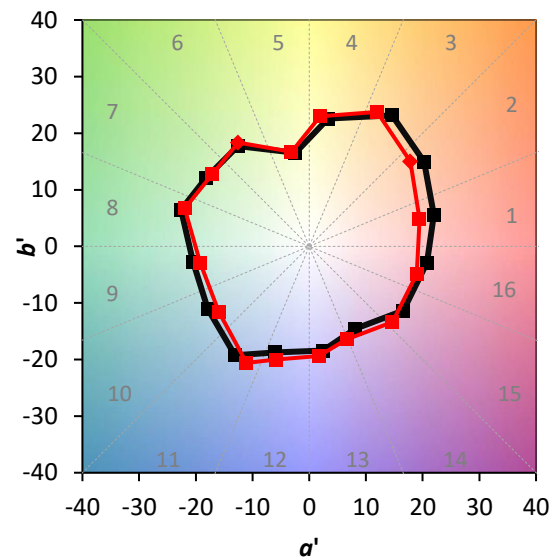
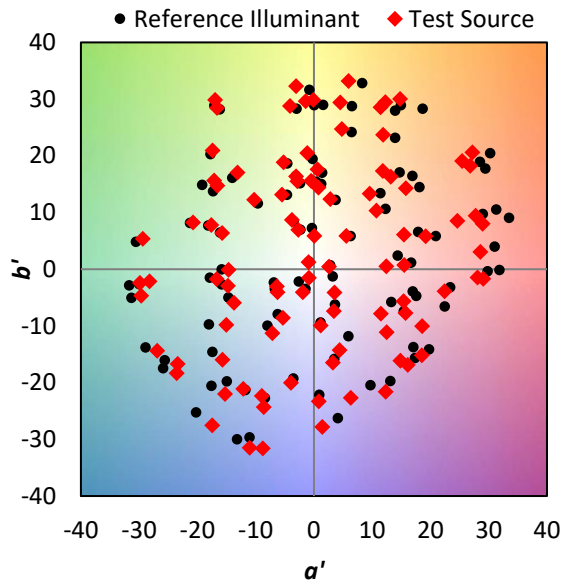
TM-30-18

Summary

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

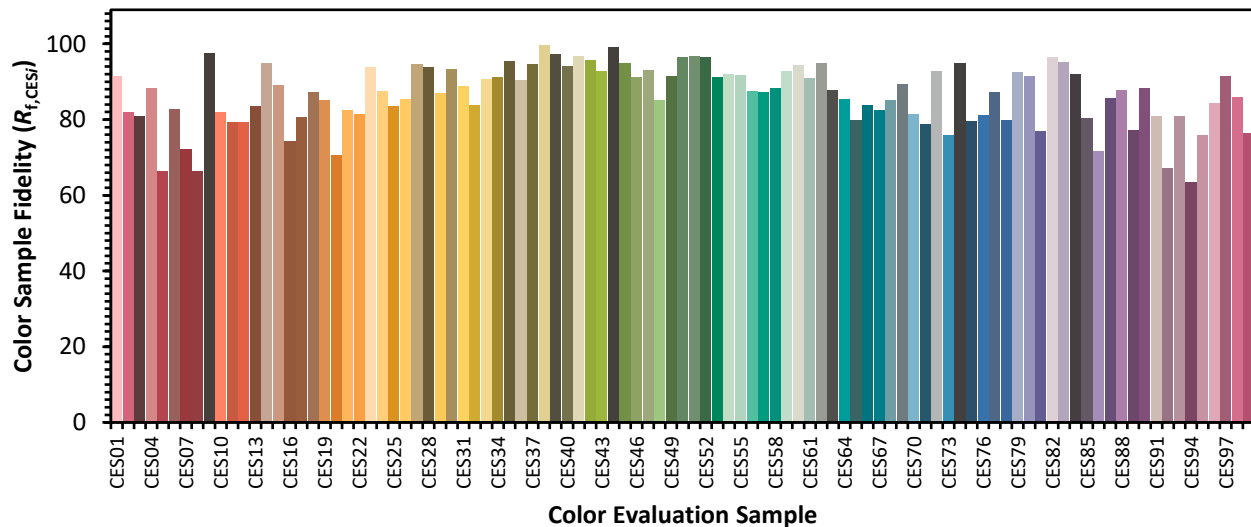


Color Vector Graphics

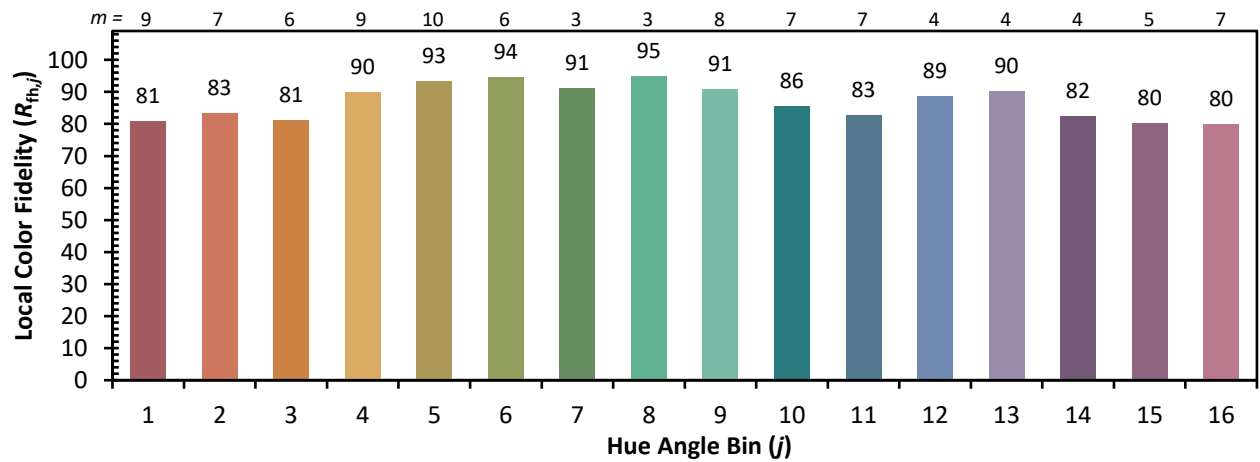
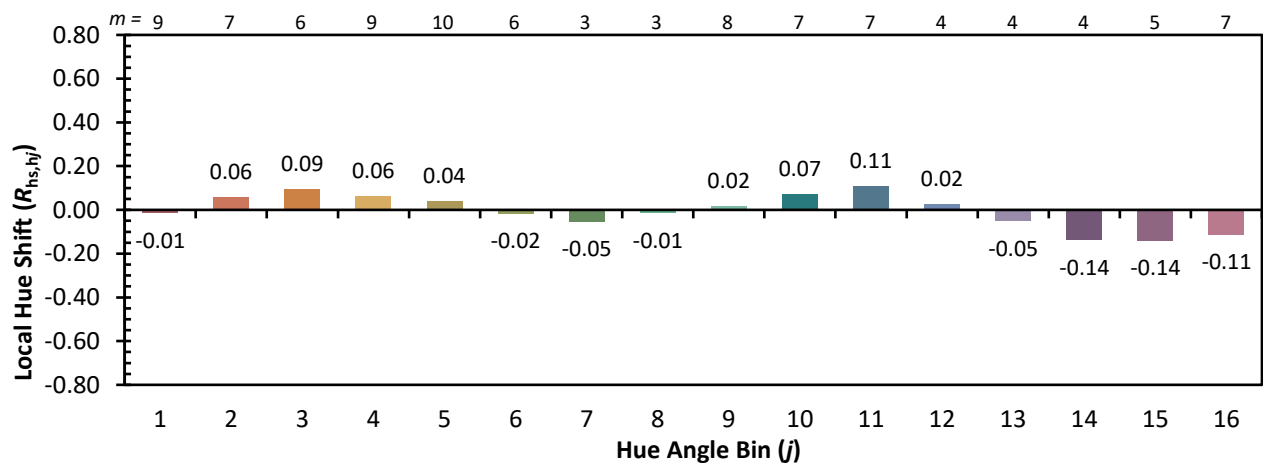
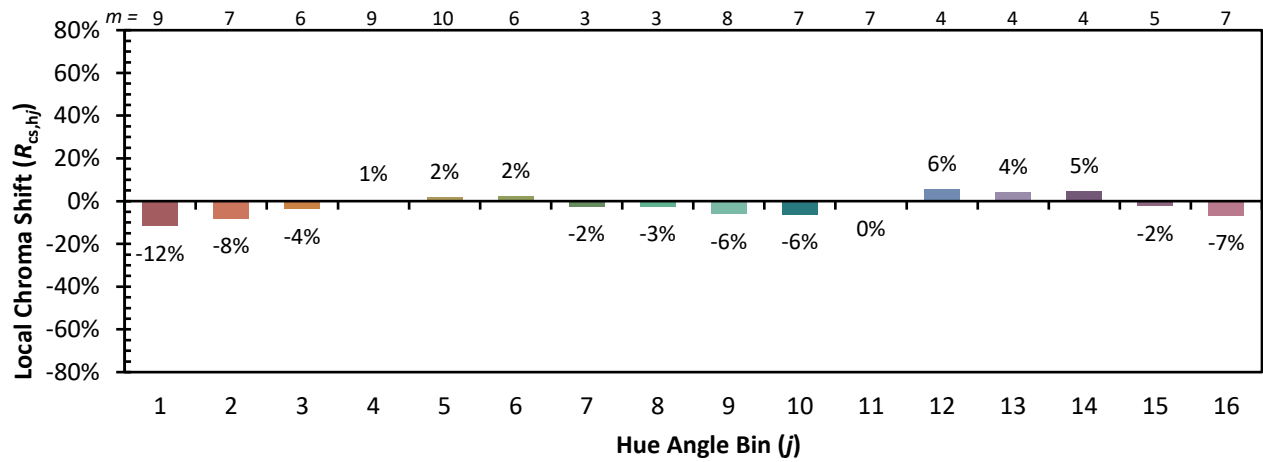


Individual Sample Fidelity Index ($R_{f,i}$)

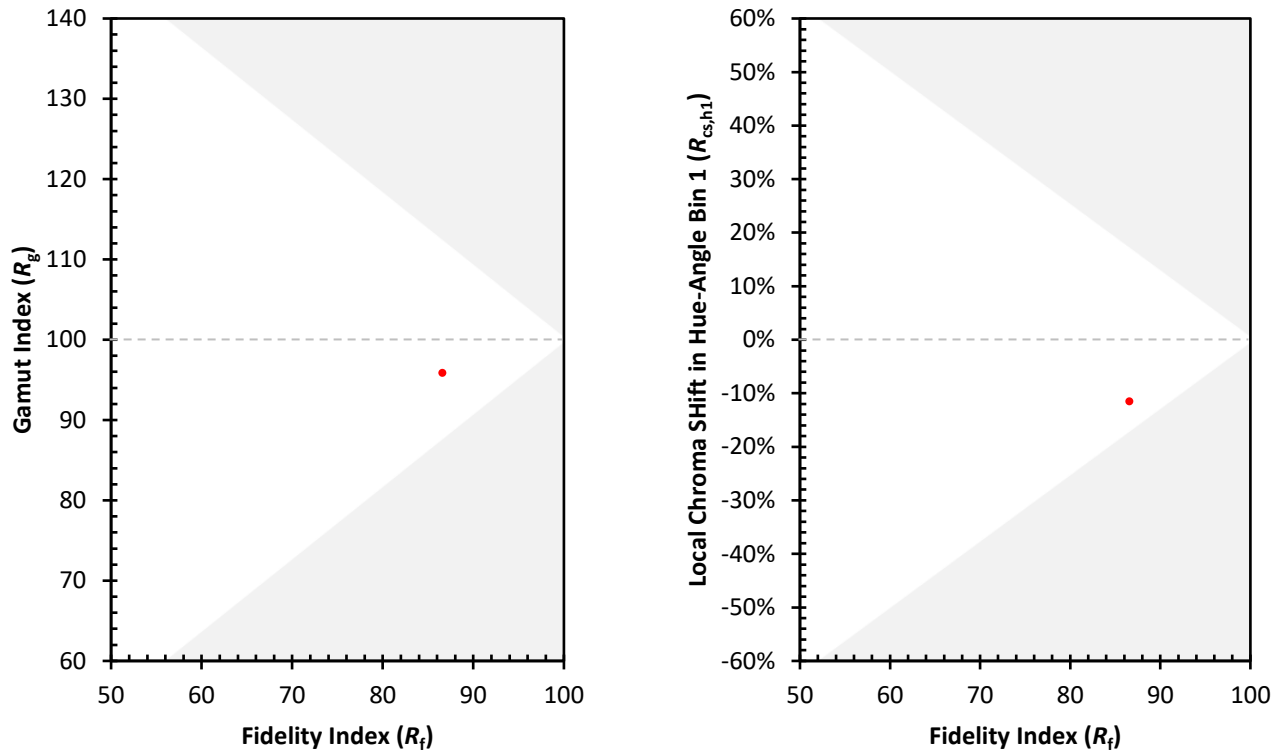
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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