

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: P1066176

Luminaire Tested: **NVN-SA3D-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066176
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3D-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 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: 15774.7 lumens
Efficiency: N/A
Efficacy: 98.0 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): 160.9
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



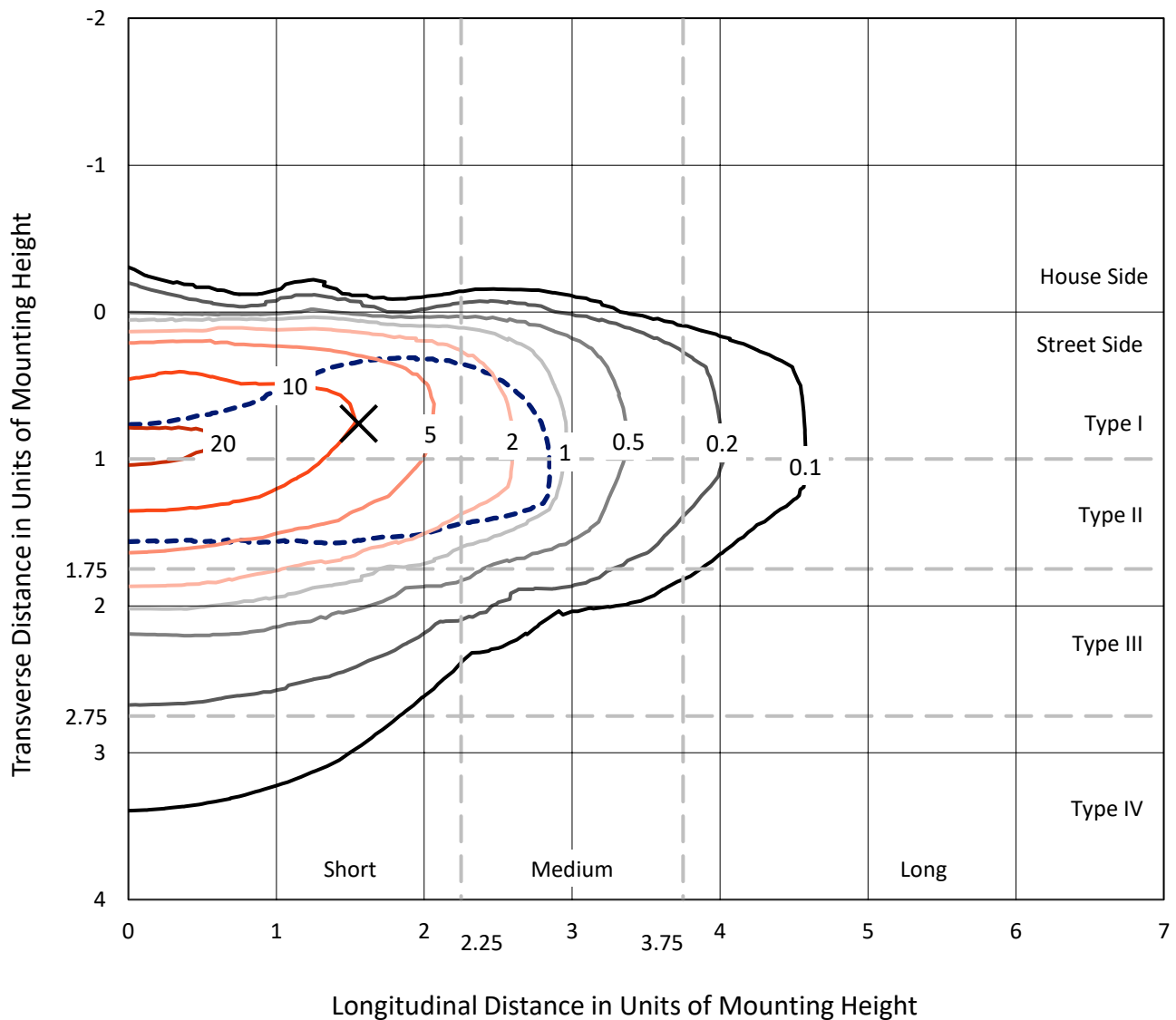
REPORT NUMBER: P1066176

CATALOG NUMBER: NVN-SA3D-835-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

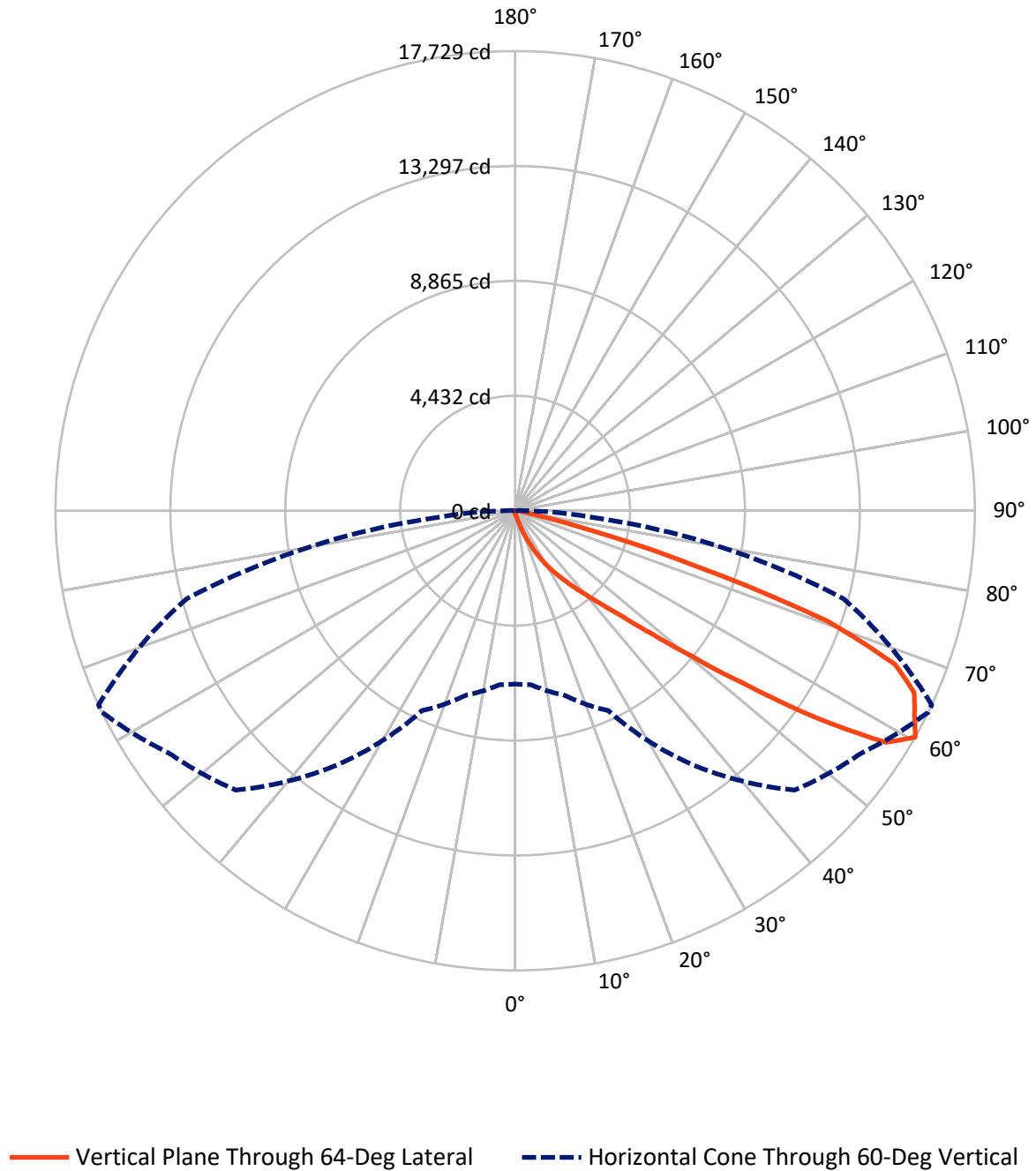


Based on 15 foot mounting height. Maximum calculated value = 22.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1066176

CATALOG NUMBER: NVN-SA3D-835-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066176

CATALOG NUMBER: NVN-SA3D-835-U-T2BC

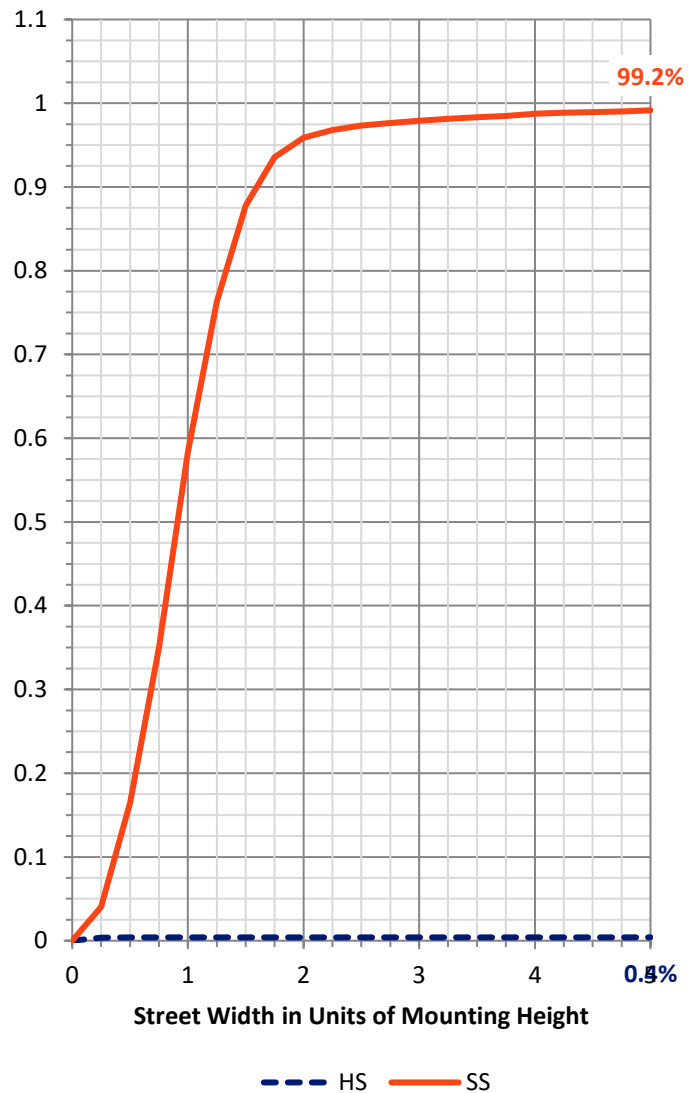
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.9	0.0	63.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15710.7	0.0	15710.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	15774.7	0.0	15774.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	0.1
10°-20°	155.0	1.0
20°-30°	514.8	3.3
30°-40°	1373.8	8.7
40°-50°	3491.8	22.1
50°-60°	5090.2	32.3
60°-70°	3931.7	24.9
70°-80°	1079.7	6.8
80°-90°	121.9	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°	15774.7	100.0
0°-180°	15774.7	100.0



REPORT NUMBER: P1066176

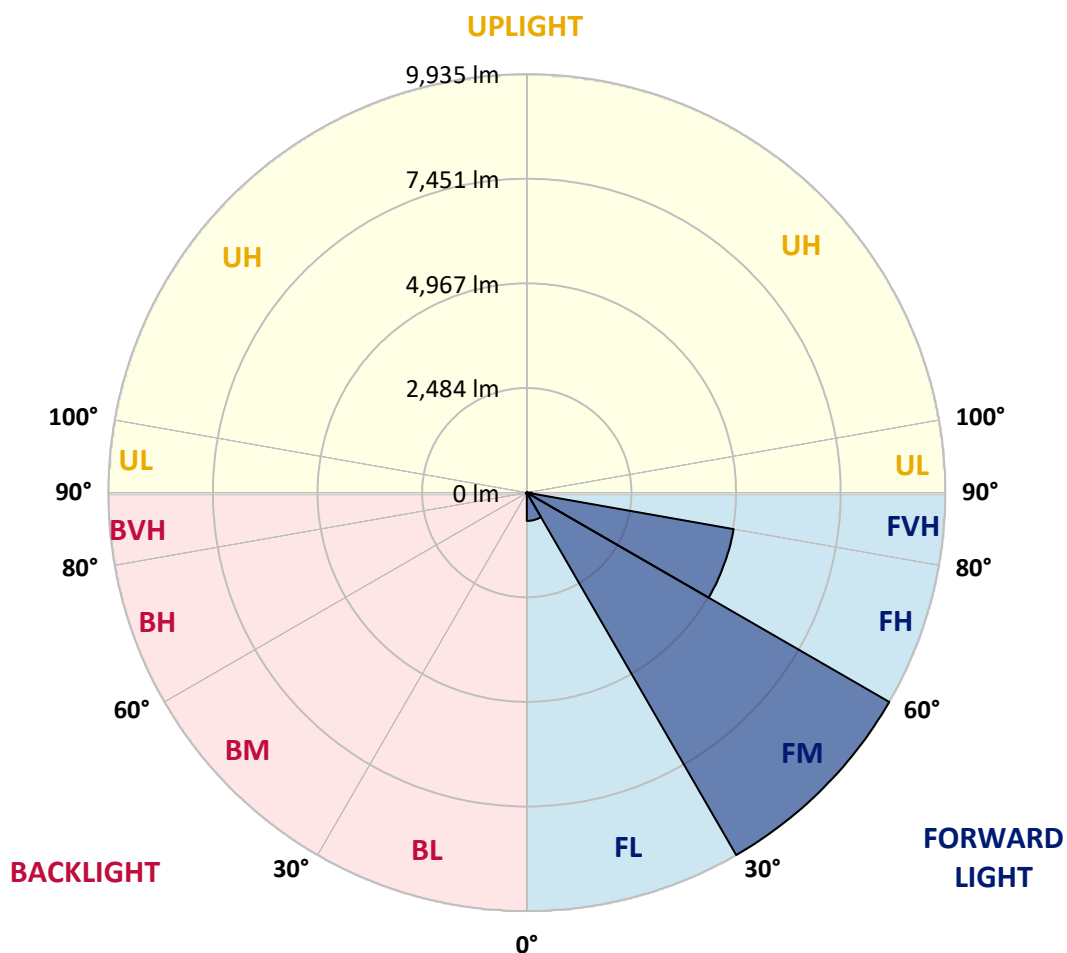
CATALOG NUMBER: NVN-SA3D-835-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	671.2	4.3			
FM	(30°-60°)	9934.6	63.0			
FH	(60°-80°)	4985.9	31.6			G2/5000
FVH	(80°-90°)	119.0	0.8			G2/225
BL	(0°-30°)	14.4	0.1	B0/110		
BM	(30°-60°)	21.2	0.1	B0/220		
BH	(60°-80°)	25.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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: P1066176

CATALOG NUMBER: NVN-SA3D-835-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
2.5°	139.0	139.0	139.0	134.6	130.3	130.3	125.9	121.6	121.6	112.9	108.6
5°	212.8	212.8	204.1	195.4	182.4	165.0	147.6	134.6	134.6	121.6	112.9
7.5°	416.9	429.9	390.8	343.0	277.9	234.5	186.7	156.3	152.0	130.3	112.9
10°	903.2	894.5	833.7	716.5	564.5	408.2	260.5	191.1	182.4	139.0	112.9
12.5°	1359.1	1372.1	1307.0	1176.7	994.4	725.1	447.2	247.5	238.8	152.0	112.9
15°	1749.9	1749.9	1706.5	1641.4	1441.6	1159.4	720.8	369.1	338.7	165.0	108.6
17.5°	2019.1	2014.8	1997.4	1980.0	1862.8	1571.9	1102.9	590.5	521.1	195.4	108.6
20°	2323.1	2310.1	2331.8	2297.0	2205.8	1975.7	1506.7	877.1	812.0	247.5	108.6
22.5°	2640.1	2653.1	2670.5	2635.7	2535.8	2336.1	1932.3	1246.2	1176.7	343.0	112.9
25°	3043.9	3035.2	3074.3	3043.9	2918.0	2683.5	2331.8	1650.0	1550.2	477.6	121.6
27.5°	3538.9	3521.5	3547.6	3469.4	3304.4	3065.6	2687.8	2062.5	1945.3	686.1	139.0
30°	4194.6	4207.6	4090.4	3999.2	3764.7	3447.7	3083.0	2505.5	2383.9	933.6	156.3
32.5°	5228.0	5136.8	4954.5	4585.4	4277.1	3873.2	3478.1	2891.9	2783.4	1250.6	182.4
35°	6839.0	6856.3	6456.9	5545.0	4876.3	4407.3	3912.3	3317.4	3239.3	1611.0	217.1
37.5°	8801.7	8753.9	8402.2	7251.5	5753.4	5071.7	4407.3	3782.1	3669.2	2001.8	260.5
40°	11024.9	10825.1	10621.0	9839.4	7581.5	5905.4	5032.6	4320.5	4233.7	2453.3	330.0
42.5°	12805.2	12753.1	12787.8	12462.1	10629.7	7325.3	5862.0	4980.5	4876.3	3013.5	451.6
45°	13682.3	13608.5	13816.9	14060.1	13591.1	10347.5	7199.4	5822.9	5683.9	3673.5	638.3
47.5°	13447.8	13395.7	13843.0	14320.6	14945.9	13851.6	9383.5	7082.1	6843.3	4520.2	916.2
50°	12292.8	12297.1	13031.0	13921.1	14911.1	15627.6	12618.5	8806.0	8506.4	5644.9	1350.4
52.5°	11168.2	11202.9	11980.1	13278.5	14394.4	15836.0	15458.3	11129.1	10642.7	6969.2	1862.8
55°	10013.1	10030.5	10716.6	12544.6	14151.2	15215.1	16917.2	14120.9	13604.1	8619.3	2362.2
57.5°	8901.5	8901.5	9157.7	10781.7	13886.4	15158.6	16743.5	16856.4	16435.3	10503.8	2731.2
60°	6687.0	6730.4	7368.7	8506.4	11975.8	15241.1	16300.6	17729.2	17729.2	13117.8	3013.5
62.5°	3378.2	3443.4	4238.0	5345.3	8215.5	14103.5	16370.1	17290.7	17360.1	15423.5	3656.1
65°	1584.9	1658.7	2084.3	2865.9	4420.4	9926.3	15649.3	16917.2	16895.5	14985.0	5010.9
67.5°	1137.7	1159.4	1302.7	1671.7	2379.5	4350.9	11945.4	15801.3	15810.0	12731.3	5762.1
70°	1020.4	1020.4	1055.2	1163.7	1432.9	1945.3	5805.5	12796.5	13417.4	9830.8	5340.9
72.5°	1007.4	998.7	990.0	994.4	968.3	977.0	1993.1	7225.4	8111.2	6878.1	4259.7
75°	981.3	981.3	972.7	942.3	772.9	629.6	686.1	2922.3	3378.2	4594.1	3161.1
77.5°	777.3	855.4	946.6	890.2	707.8	473.3	399.5	846.7	1068.2	2818.1	2292.7
80°	360.4	364.7	360.4	377.8	451.6	338.7	295.3	412.5	416.9	1563.2	1419.9
82.5°	260.5	264.9	251.8	225.8	199.7	182.4	243.2	304.0	325.7	716.5	529.7
85°	78.2	73.8	86.8	117.2	139.0	160.7	204.1	256.2	269.2	264.9	78.2
87.5°	34.7	34.7	43.4	60.8	82.5	121.6	178.0	234.5	238.8	273.6	21.7
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: P1066176

CATALOG NUMBER: NVN-SA3D-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
2.5°	108.6	104.2	99.9	95.5	91.2	86.8	82.5	82.5	86.8	86.8	86.8
5°	104.2	99.9	91.2	82.5	78.2	73.8	69.5	69.5	73.8	73.8	73.8
7.5°	104.2	95.5	86.8	78.2	69.5	65.1	60.8	60.8	60.8	65.1	65.1
10°	104.2	95.5	82.5	69.5	60.8	56.4	52.1	47.8	52.1	52.1	52.1
12.5°	99.9	91.2	78.2	65.1	52.1	43.4	39.1	39.1	39.1	39.1	39.1
15°	95.5	86.8	73.8	56.4	43.4	34.7	26.1	26.1	26.1	30.4	30.4
17.5°	91.2	82.5	65.1	43.4	30.4	21.7	17.4	17.4	17.4	21.7	21.7
20°	91.2	78.2	56.4	34.7	21.7	13.0	8.7	8.7	8.7	13.0	17.4
22.5°	91.2	78.2	52.1	26.1	13.0	8.7	4.3	4.3	4.3	4.3	4.3
25°	91.2	73.8	47.8	21.7	8.7	4.3	0.0	0.0	4.3	8.7	13.0
27.5°	91.2	69.5	39.1	13.0	8.7	4.3	0.0	4.3	8.7	8.7	8.7
30°	91.2	69.5	34.7	13.0	4.3	0.0	0.0	4.3	8.7	8.7	13.0
32.5°	95.5	65.1	30.4	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	99.9	60.8	26.1	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	108.6	60.8	17.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	121.6	65.1	17.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	152.0	69.5	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	212.8	86.8	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	312.6	130.3	13.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	455.9	178.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	560.1	178.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	555.8	112.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	425.5	78.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	360.4	56.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	434.2	43.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	772.9	39.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1241.9	39.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1389.5	39.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1085.6	34.7	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	594.9	30.4	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	299.6	21.7	8.7	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0
80°	125.9	17.4	8.7	4.3	4.3	4.3	0.0	0.0	0.0	0.0	0.0
82.5°	43.4	17.4	8.7	8.7	4.3	4.3	0.0	0.0	0.0	0.0	0.0
85°	21.7	13.0	13.0	8.7	8.7	4.3	4.3	0.0	0.0	0.0	0.0
87.5°	13.0	13.0	13.0	8.7	8.7	4.3	4.3	0.0	0.0	0.0	4.3
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

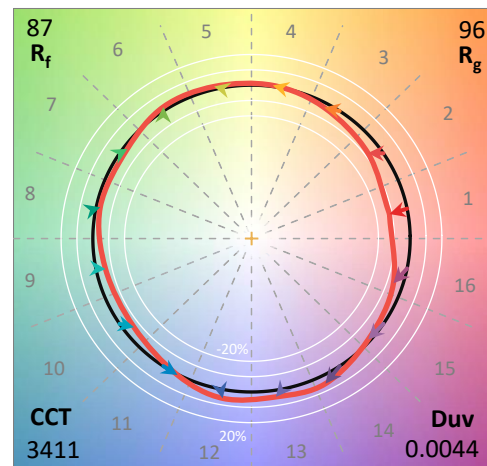
Test Information

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

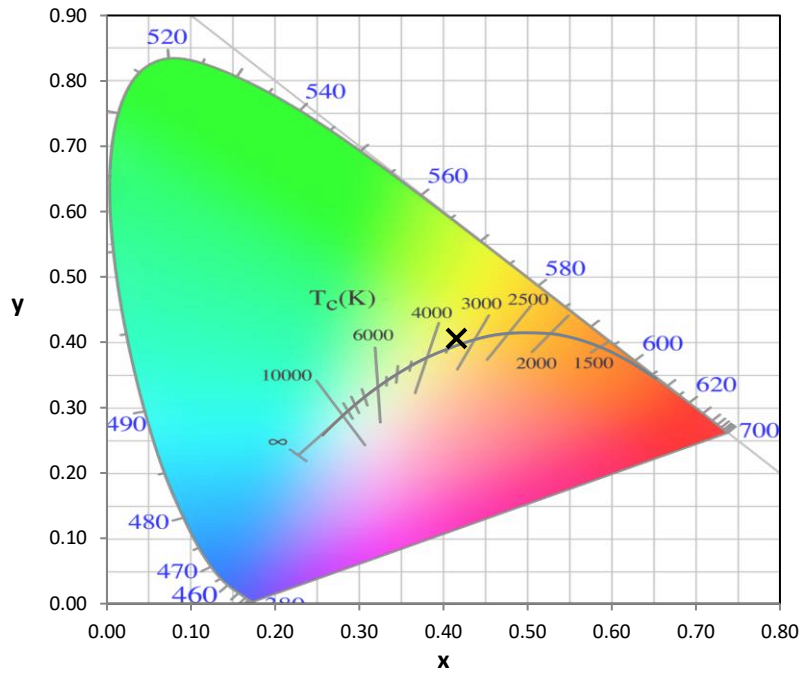
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

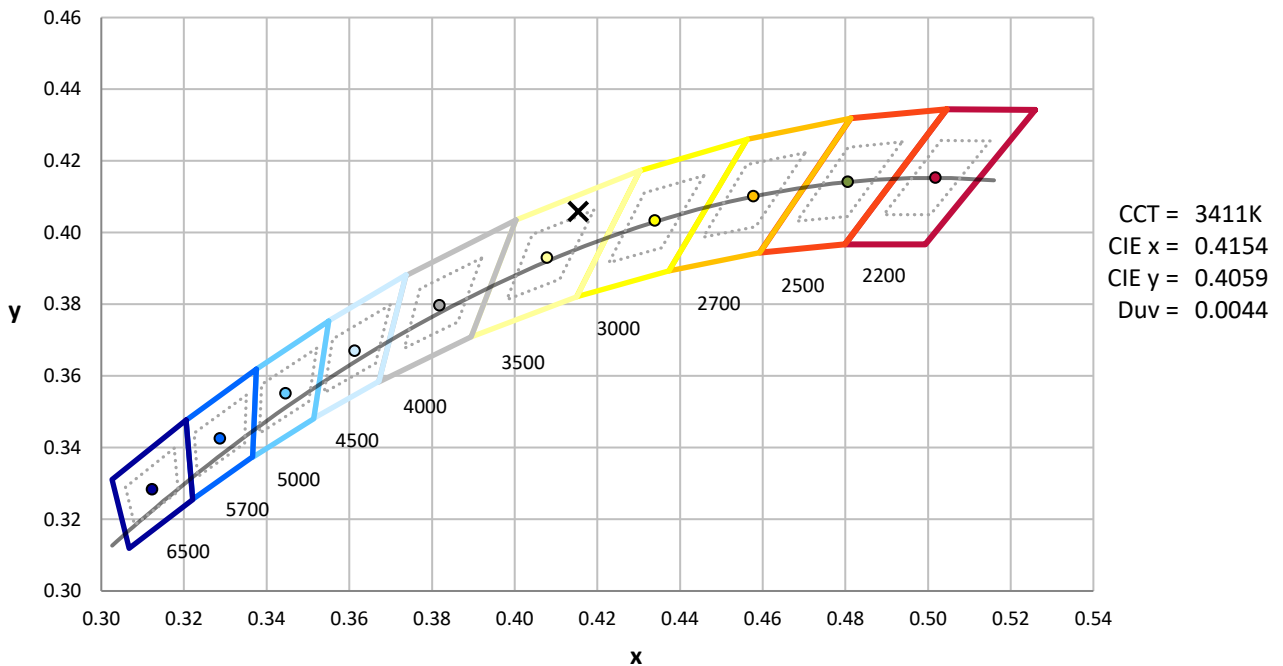
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



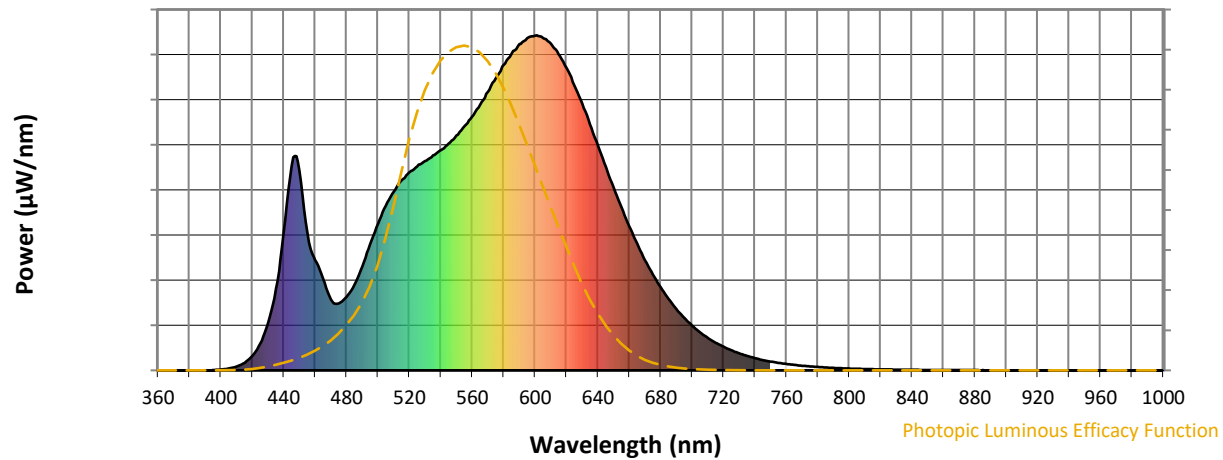
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

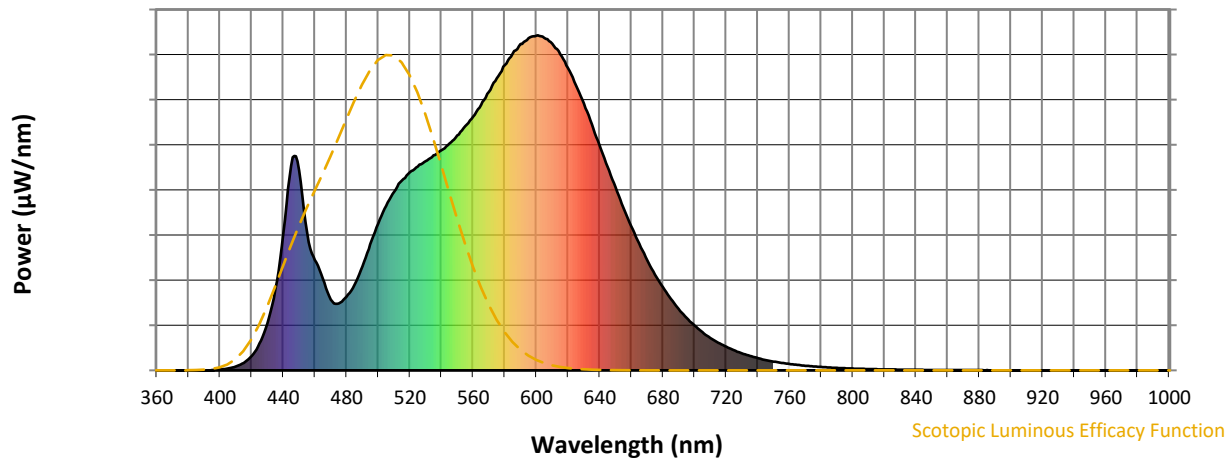


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



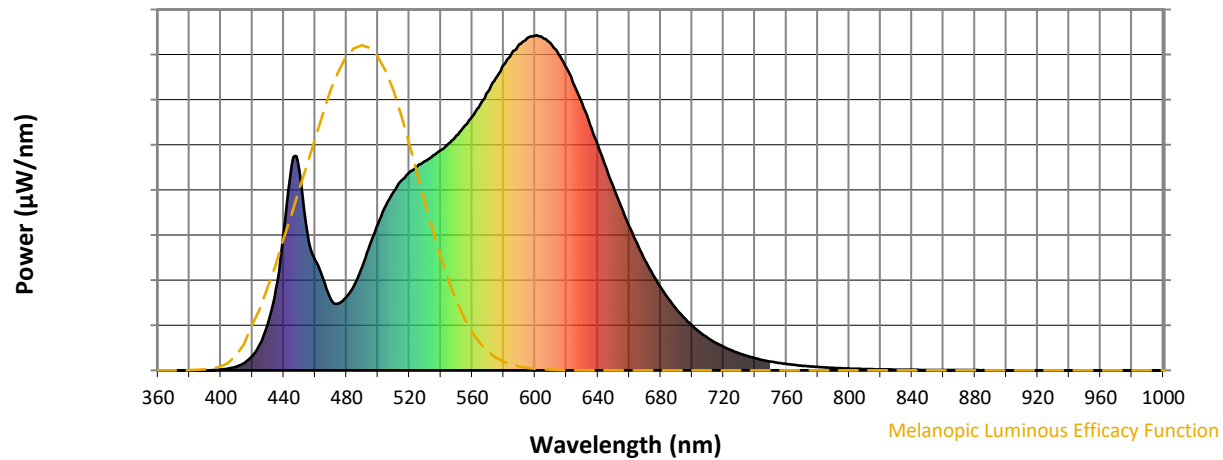
Scotopic Lumens: NR

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

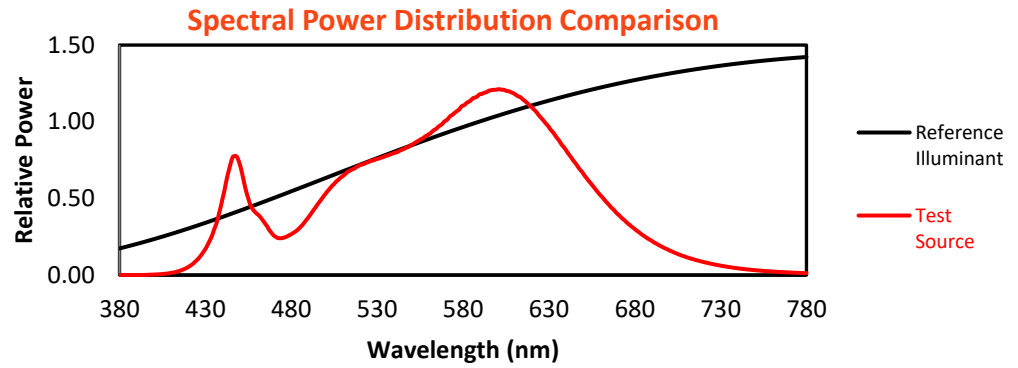
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311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

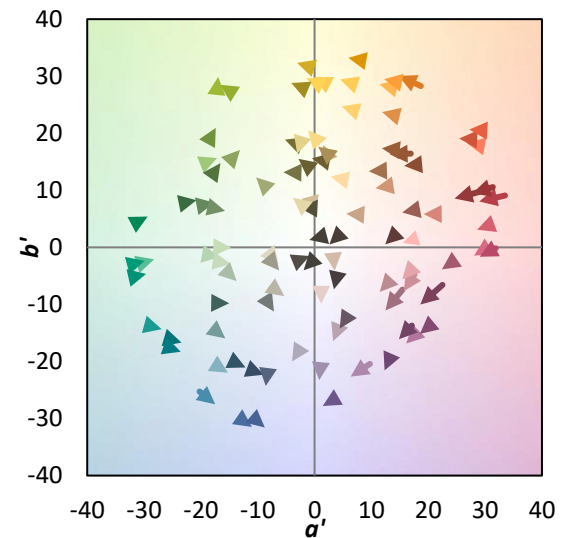
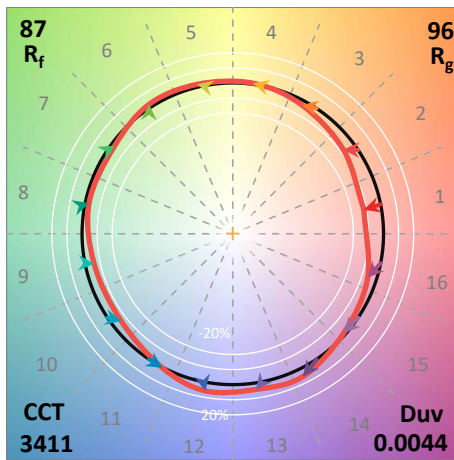
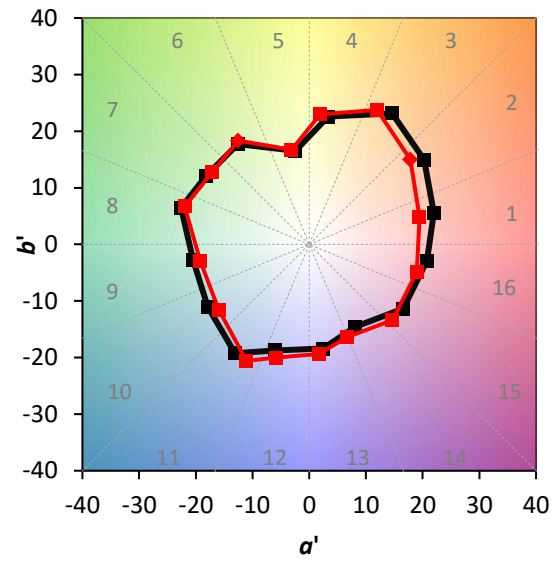
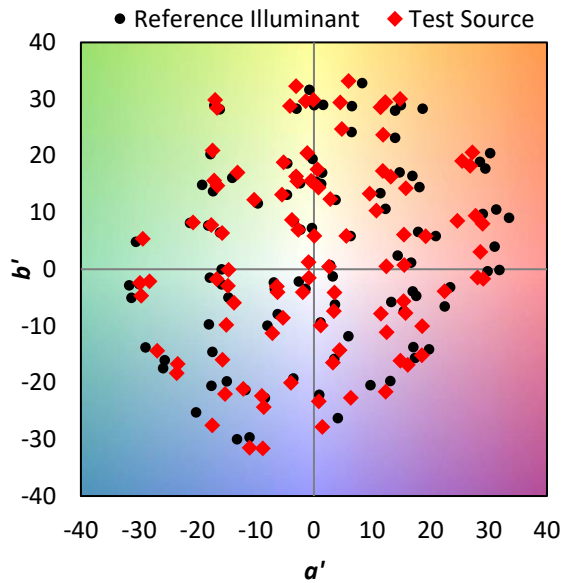
TM-30-18

Summary

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

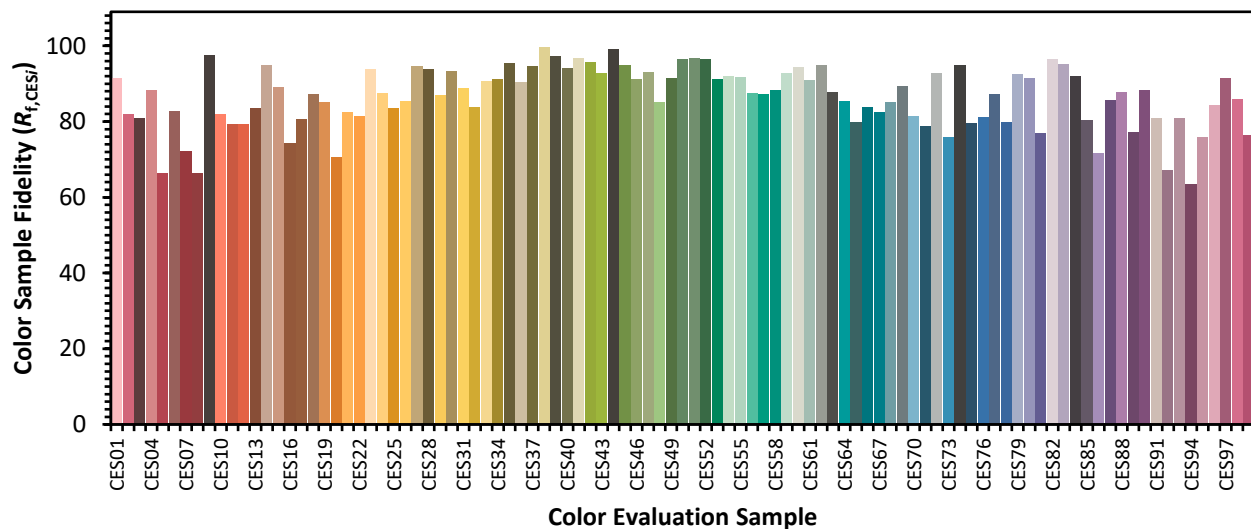


Color Vector Graphics

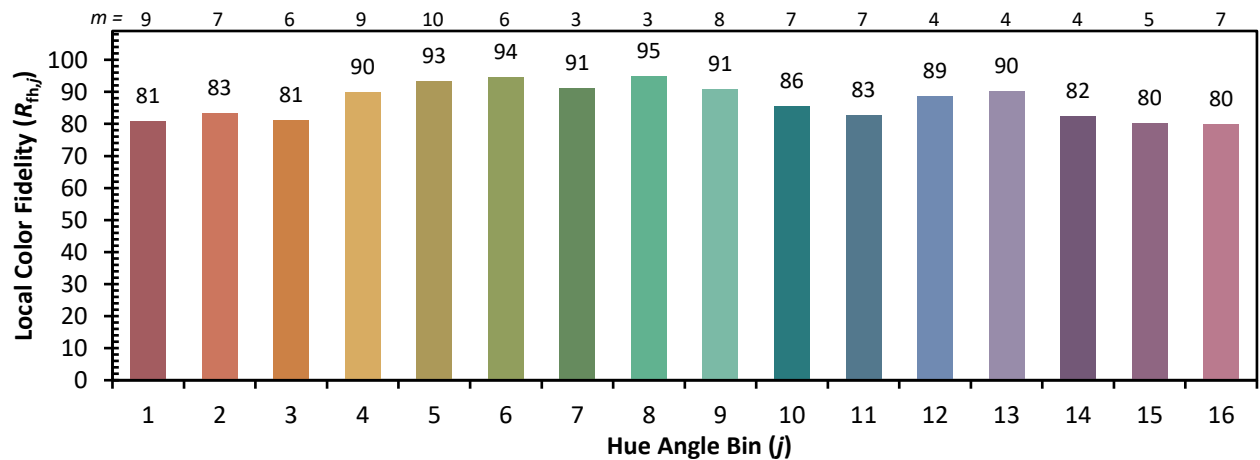
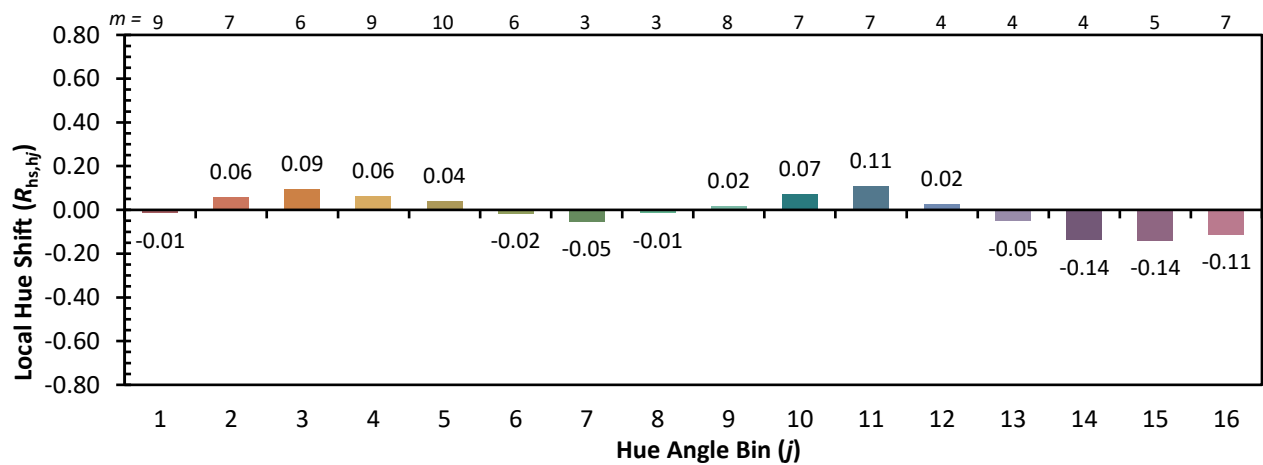
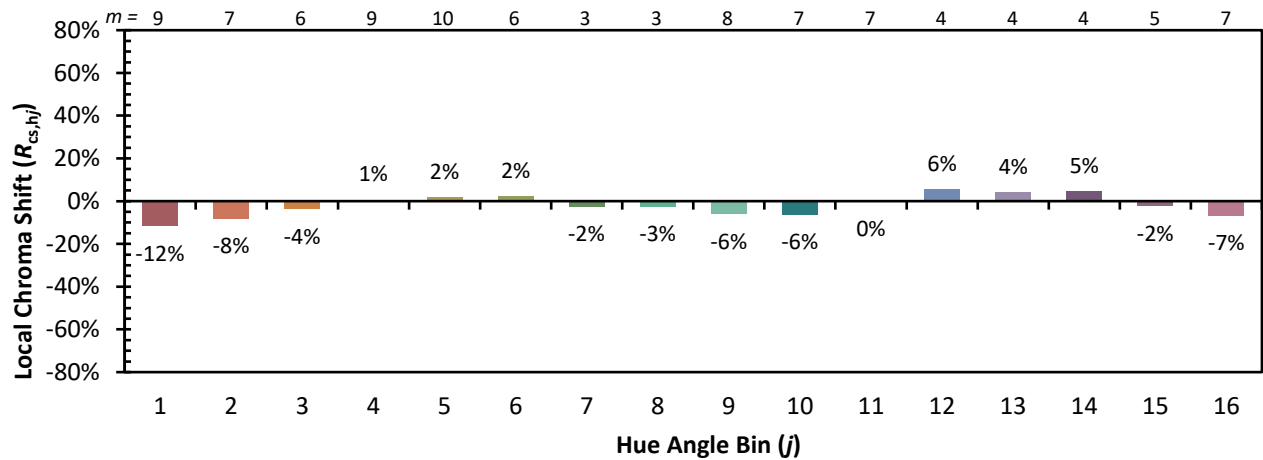


Individual Sample Fidelity Index ($R_{f,i}$)

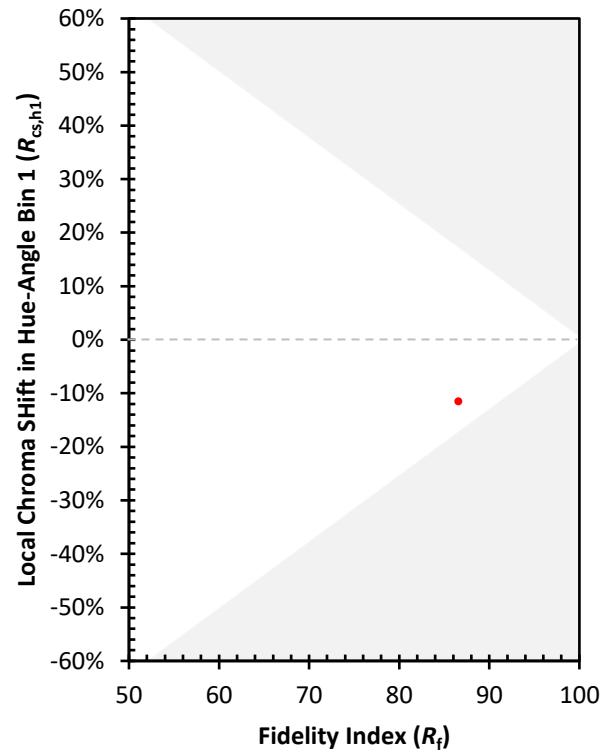
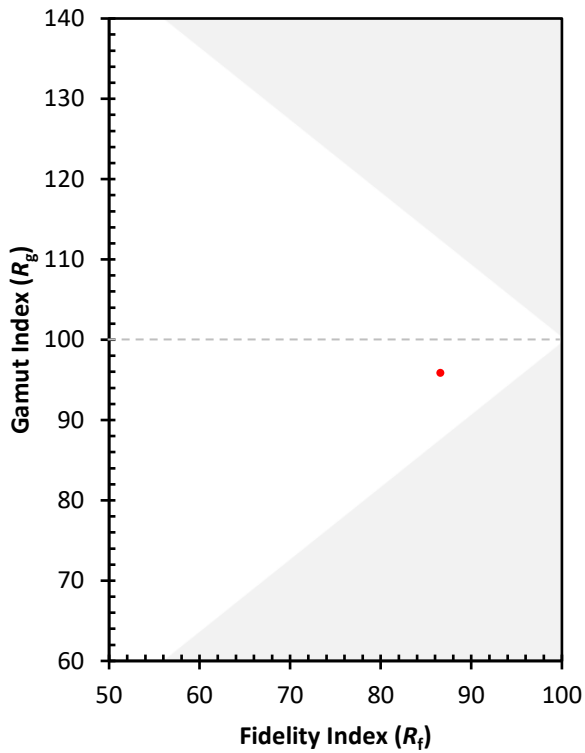
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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