

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: P1066304

Luminaire Tested: **NVN-SA5D-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066304
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5D-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 5xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28258 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

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

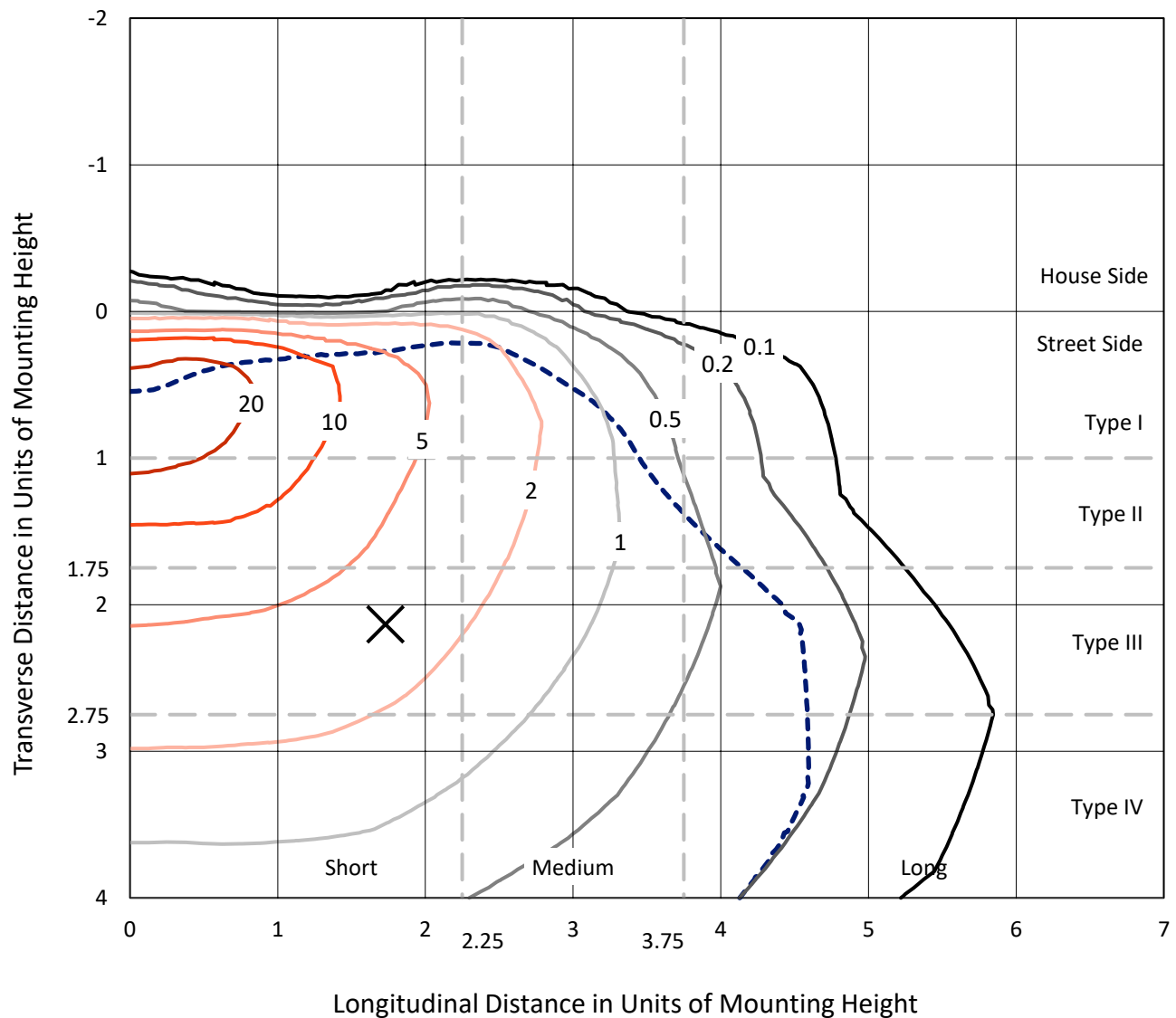


REPORT NUMBER: P1066304

CATALOG NUMBER: NVN-SA5D-735-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

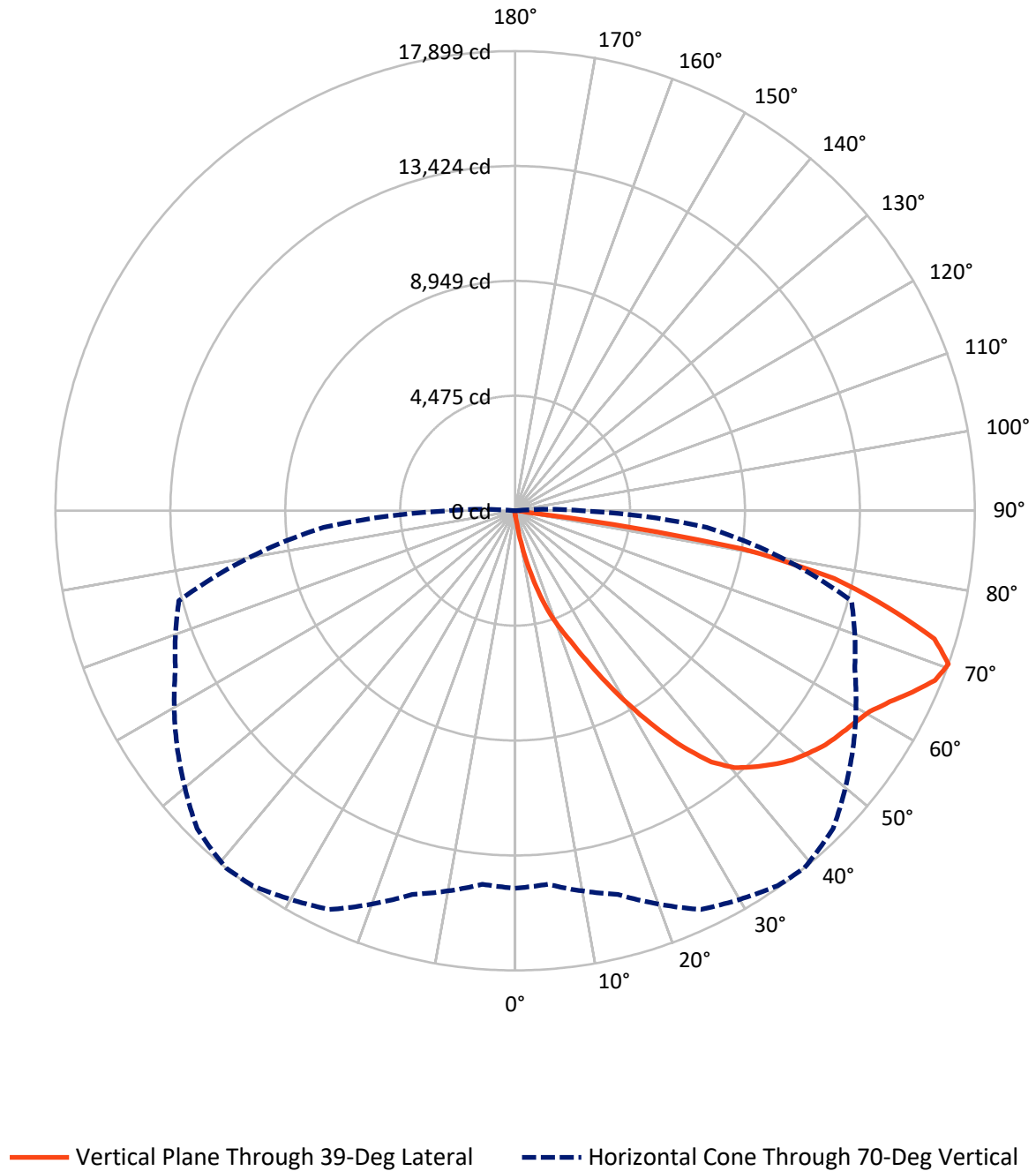


Based on 15 foot mounting height. Maximum calculated value = 30.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P1066304

CATALOG NUMBER: NVN-SA5D-735-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066304

CATALOG NUMBER: NVN-SA5D-735-U-T4BC

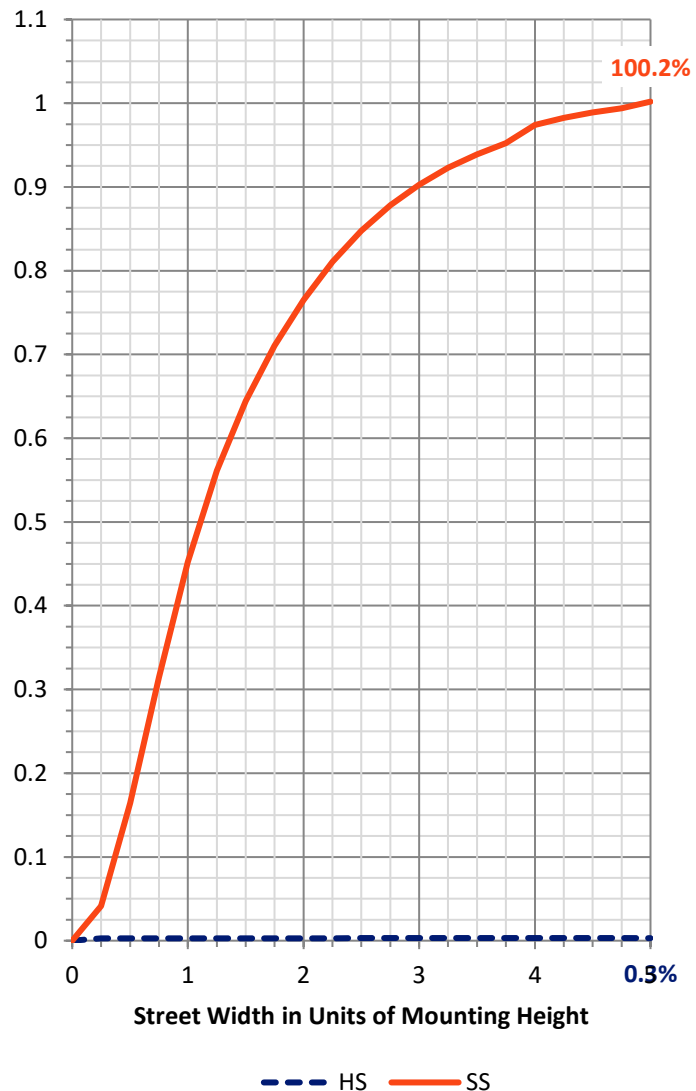
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.0	0.0	87.0
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	28171.0	0.0	28171.0
	% Fixture	99.7	0.0	99.7
Total	Lumens	28258.0	0.0	28258.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.7	0.1
10°-20°	347.4	1.2
20°-30°	1178.9	4.2
30°-40°	2770.6	9.8
40°-50°	4498.9	15.9
50°-60°	5701.0	20.2
60°-70°	7241.8	25.6
70°-80°	5883.9	20.8
80°-90°	605.8	2.1
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°	28258.0	100.0
0°-180°	28258.0	100.0



REPORT NUMBER: P1066304

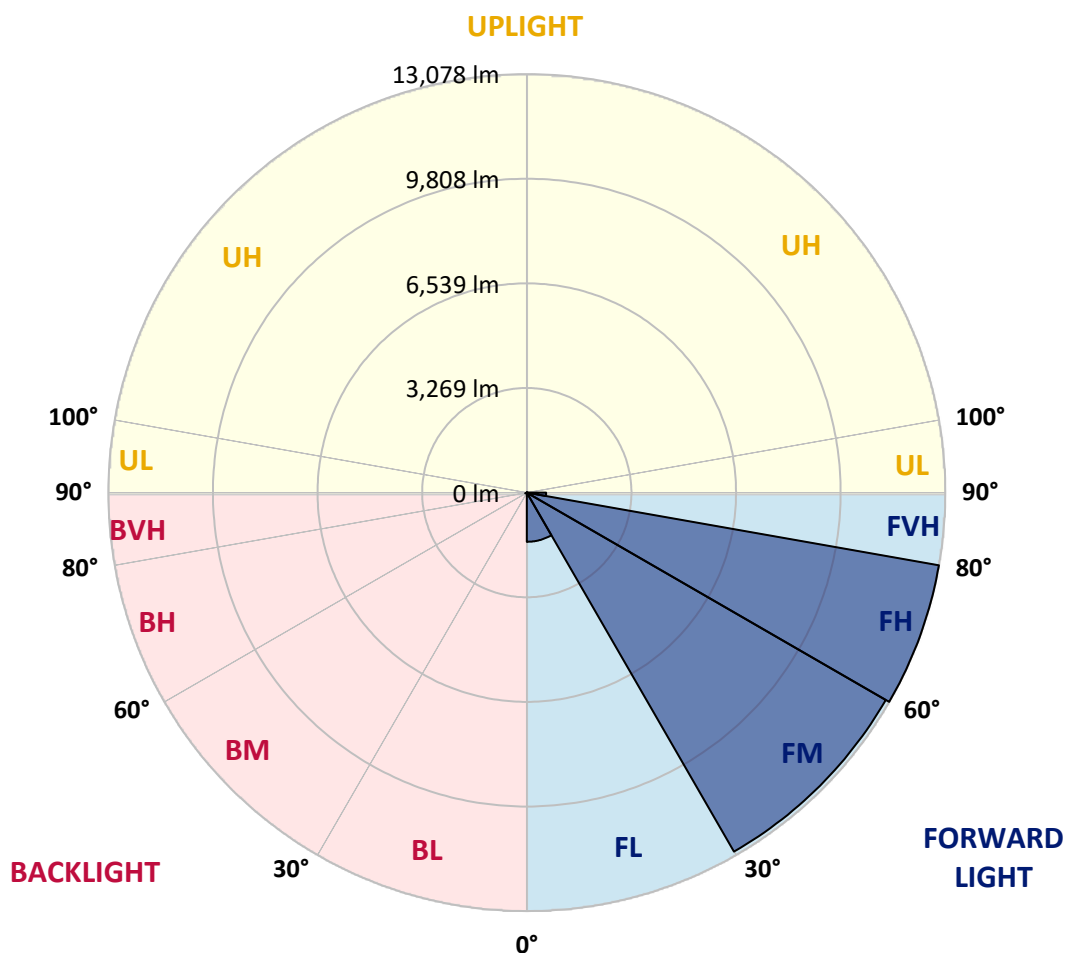
CATALOG NUMBER: NVN-SA5D-735-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1537.2	5.4			
FM	(30°-60°)	12953.8	45.8			
FH	(60°-80°)	13077.9	46.3			G5
FVH	(80°-90°)	602.2	2.1			G4/750
BL	(0°-30°)	18.8	0.1	B0/110		
BM	(30°-60°)	16.7	0.1	B0/220		
BH	(60°-80°)	47.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G5

Type IV Short



REPORT NUMBER: P1066304

CATALOG NUMBER: NVN-SA5D-735-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4
2.5°	199.5	199.5	199.5	191.8	191.8	184.1	184.1	176.5	168.8	168.8	161.1
5°	375.9	383.6	360.6	314.6	283.9	268.5	253.2	214.8	191.8	176.5	161.1
7.5°	1028.0	997.4	951.3	797.9	613.8	521.7	445.0	314.6	230.2	184.1	161.1
10°	2163.5	2079.1	1948.7	1741.5	1381.0	1235.2	959.0	575.4	322.2	207.1	161.1
12.5°	3176.2	3191.5	3030.4	2831.0	2393.7	2148.2	1772.2	1081.7	506.3	245.5	161.1
15°	3943.4	3928.0	3866.7	3705.6	3314.3	3076.5	2738.9	1818.3	851.6	306.9	168.8
17.5°	4549.5	4488.1	4465.1	4396.0	4142.9	4012.4	3644.2	2677.5	1350.3	414.3	176.5
20°	5155.6	5140.2	5117.2	5040.5	4871.7	4779.6	4495.8	3544.4	2010.1	590.7	191.8
22.5°	6037.8	5953.4	5968.8	5800.0	5661.9	5500.8	5270.6	4465.1	2769.6	843.9	214.8
25°	7073.6	7065.9	6943.1	6866.4	6636.3	6459.8	6152.9	5355.0	3613.5	1219.8	237.8
27.5°	8293.4	8209.0	8155.3	8024.9	7787.0	7587.6	7165.6	6237.3	4526.5	1641.8	268.5
30°	9566.9	9566.9	9467.2	9267.7	9037.6	8792.1	8362.4	7165.6	5431.8	2178.8	306.9
32.5°	11055.3	11086.0	10840.5	10541.3	10242.1	10073.3	9513.2	8216.7	6298.7	2792.6	352.9
35°	12497.6	12459.3	12052.7	11722.8	11500.3	11316.2	10840.5	9367.5	7280.7	3506.1	414.3
37.5°	13878.6	13778.9	13103.7	12635.7	12536.0	12413.2	11937.6	10518.3	8255.0	4296.3	491.0
40°	14868.3	14714.8	14016.7	13372.2	13226.5	13157.4	12789.2	11561.7	9283.1	5178.6	590.7
42.5°	15297.9	15121.4	14638.1	14116.4	13794.2	13633.1	13310.9	12413.2	10311.1	6160.6	736.5
45°	15382.3	15244.2	14899.0	14776.2	14338.9	14093.4	13656.1	13019.3	11270.1	7134.9	936.0
47.5°	15075.4	15014.0	14806.9	15067.7	14845.3	14507.7	13978.3	13472.0	12121.7	8316.4	1212.2
50°	14323.6	14277.5	14377.3	15060.1	15213.5	14829.9	14331.2	13824.9	12858.2	9536.3	1603.4
52.5°	13310.9	13303.2	13771.2	14860.6	15374.6	15136.8	14676.5	14177.8	13441.3	10717.7	2155.8
55°	12206.1	12336.5	13157.4	14676.5	15466.7	15359.3	15014.0	14492.3	13963.0	11814.8	3045.8
57.5°	12114.0	12060.3	12850.5	14599.8	15520.4	15581.8	15351.6	14822.2	14408.0	12712.4	4234.9
60°	13034.7	12911.9	13211.1	14760.9	15758.2	15865.6	15689.2	15075.4	14852.9	13418.3	5800.0
62.5°	14101.1	13986.0	14139.4	15382.3	16226.2	16379.6	16157.2	15336.3	15213.5	13909.3	7480.2
65°	14952.7	14860.6	15152.1	16310.6	16878.3	17008.7	16855.3	15819.6	15374.6	14308.2	8845.8
67.5°	15090.8	14975.7	15581.8	16932.0	17538.1	17630.2	17507.4	16287.6	15320.9	14338.9	9160.3
70°	14699.5	14599.8	15466.7	17131.5	17822.0	17898.7	17507.4	16065.1	14592.1	13556.4	7487.8
72.5°	13495.0	13571.7	14691.8	16648.2	17430.7	17077.8	16249.2	14945.0	13648.4	11492.6	5255.3
75°	11623.0	11707.4	13195.8	15320.9	15382.3	14952.7	14507.7	13748.2	12213.8	7572.2	3644.2
77.5°	8262.7	7963.5	10188.4	12651.1	12428.6	12704.8	12743.1	11438.9	10226.7	3943.4	2439.7
80°	813.2	690.5	1281.2	3628.8	8017.2	8960.9	9329.1	8815.1	7541.5	1764.6	1281.2
82.5°	176.5	176.5	191.8	207.1	322.2	483.3	2217.2	5431.8	4871.7	897.6	414.3
85°	99.7	99.7	122.8	145.8	191.8	214.8	253.2	337.6	1311.9	322.2	76.7
87.5°	76.7	84.4	99.7	122.8	161.1	176.5	214.8	268.5	329.9	299.2	23.0
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: P1066304

CATALOG NUMBER: NVN-SA5D-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4	153.4
2.5°	161.1	153.4	145.8	138.1	130.4	130.4	122.8	122.8	122.8	122.8	122.8
5°	153.4	145.8	138.1	122.8	115.1	107.4	99.7	99.7	99.7	99.7	99.7
7.5°	153.4	145.8	130.4	115.1	99.7	92.1	84.4	76.7	76.7	84.4	84.4
10°	153.4	138.1	115.1	99.7	84.4	76.7	69.0	61.4	61.4	61.4	61.4
12.5°	145.8	130.4	107.4	92.1	76.7	61.4	46.0	38.4	38.4	38.4	38.4
15°	138.1	122.8	99.7	76.7	53.7	38.4	30.7	23.0	23.0	23.0	23.0
17.5°	138.1	115.1	92.1	69.0	38.4	23.0	15.3	7.7	7.7	7.7	15.3
20°	138.1	115.1	84.4	53.7	23.0	15.3	15.3	7.7	0.0	7.7	7.7
22.5°	138.1	107.4	69.0	38.4	23.0	15.3	7.7	0.0	0.0	0.0	0.0
25°	145.8	107.4	61.4	30.7	15.3	7.7	0.0	0.0	0.0	0.0	0.0
27.5°	145.8	99.7	53.7	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	153.4	99.7	46.0	15.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	153.4	92.1	30.7	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	153.4	84.4	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	153.4	76.7	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	161.1	69.0	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	168.8	61.4	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	176.5	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	199.5	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	230.2	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	276.2	53.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	360.6	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	521.7	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	874.6	46.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1534.4	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2593.1	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3383.3	53.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2570.1	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1227.5	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	544.7	30.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	237.8	23.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	92.1	15.3	7.7	7.7	7.7	7.7	0.0	0.0	0.0	0.0	0.0
82.5°	38.4	15.3	7.7	7.7	7.7	7.7	7.7	0.0	0.0	0.0	0.0
85°	23.0	15.3	15.3	15.3	7.7	7.7	7.7	0.0	0.0	0.0	0.0
87.5°	15.3	15.3	15.3	15.3	15.3	7.7	7.7	0.0	0.0	0.0	0.0
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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

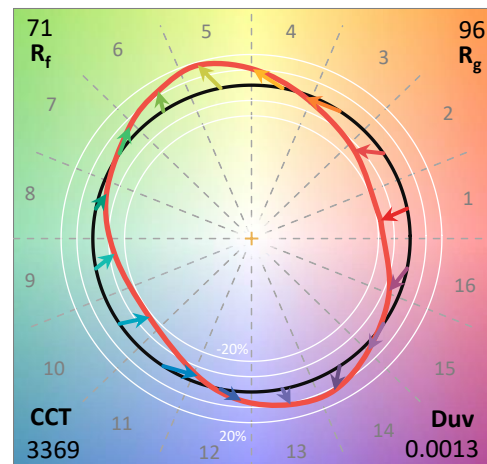
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

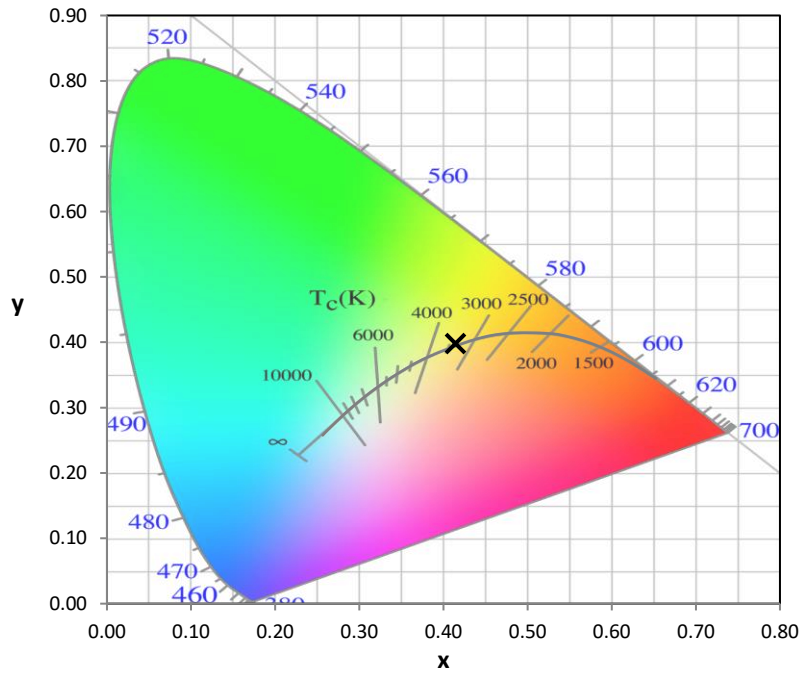
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

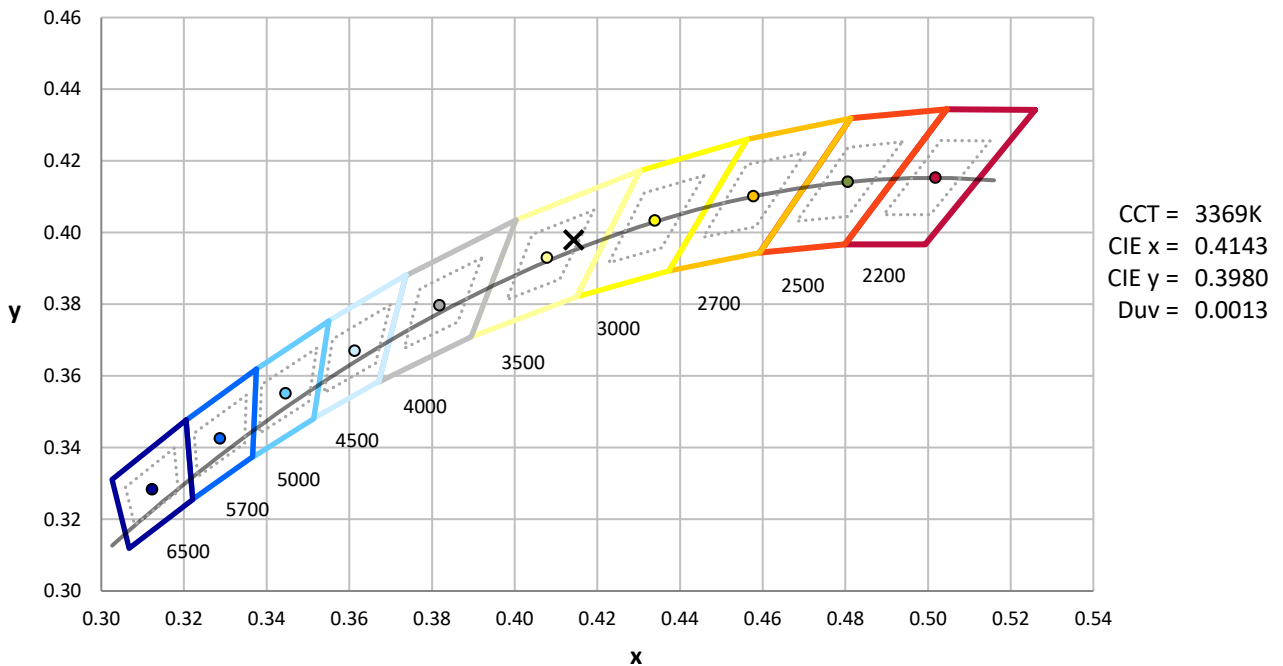
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



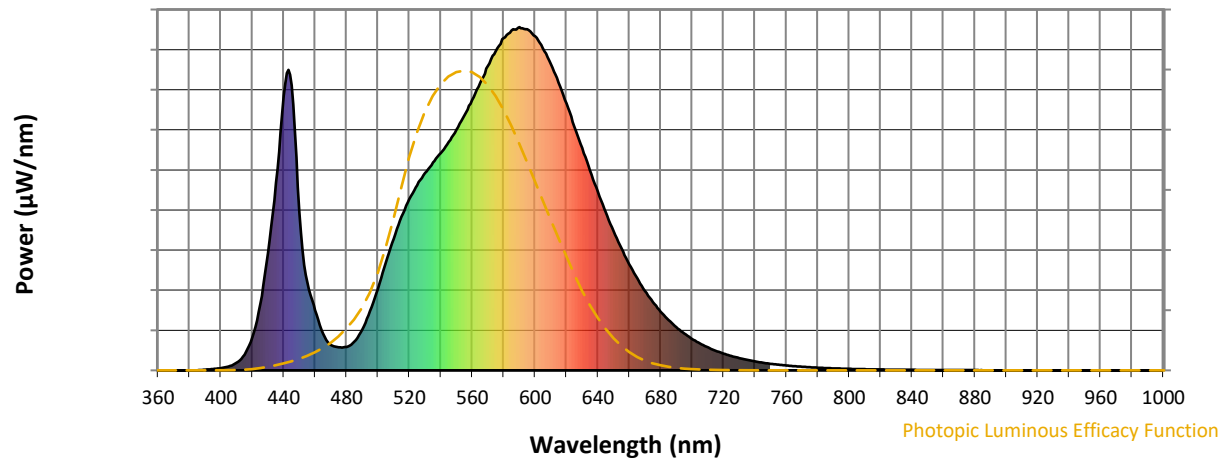
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

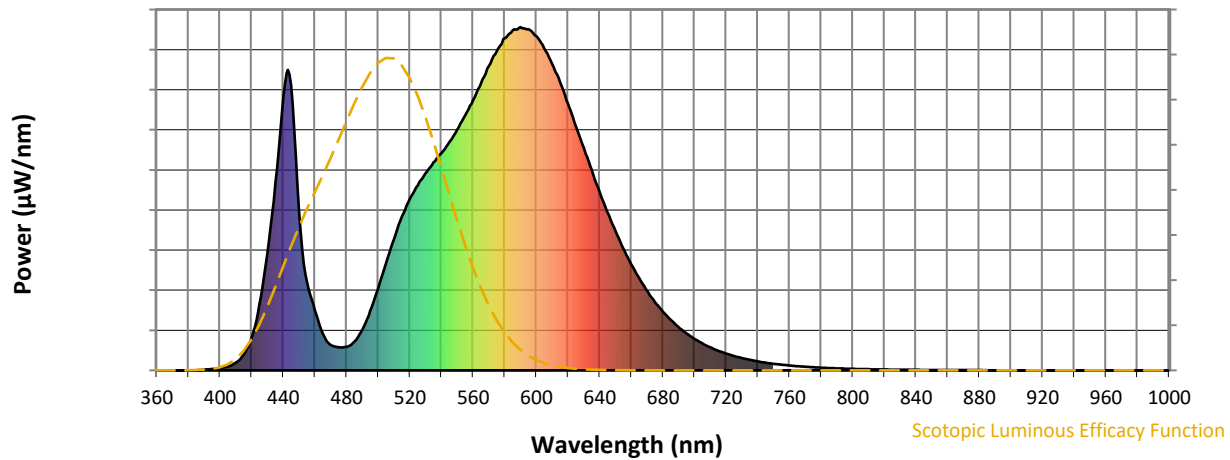


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



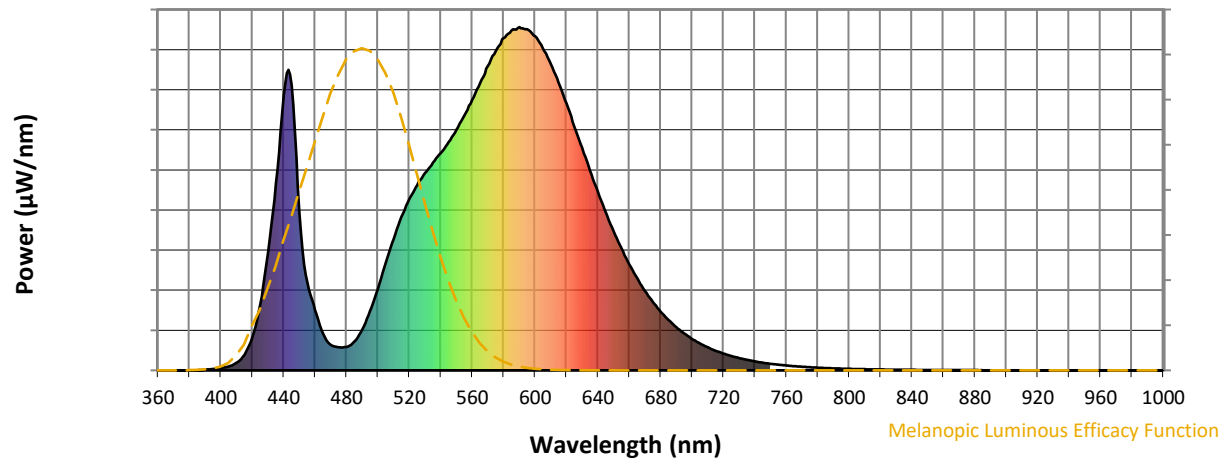
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

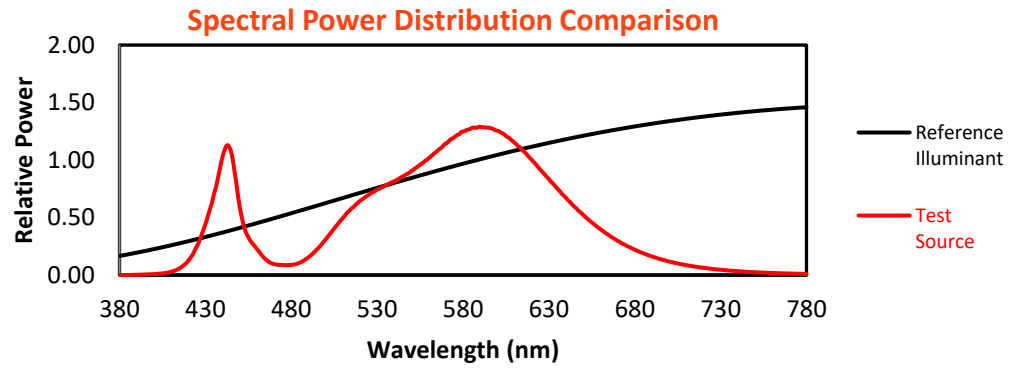
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

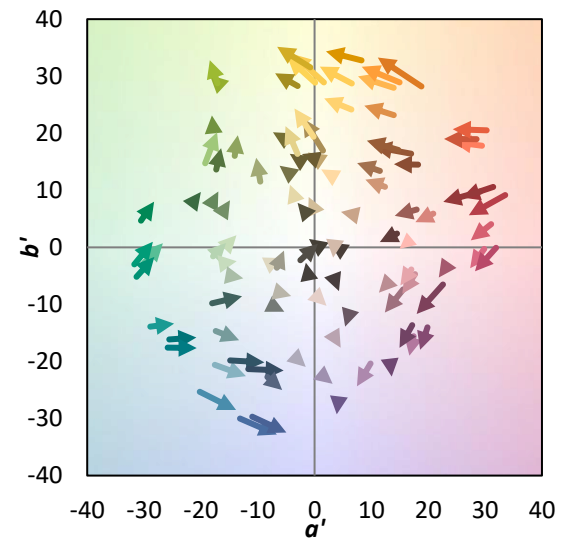
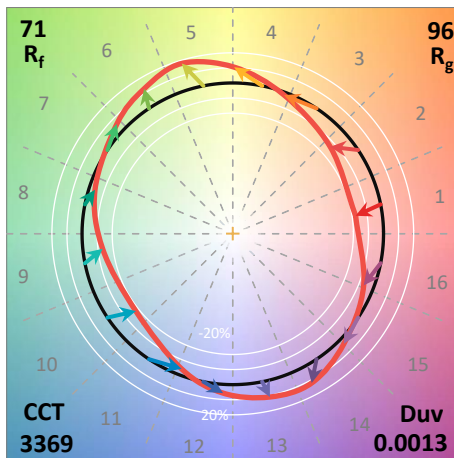
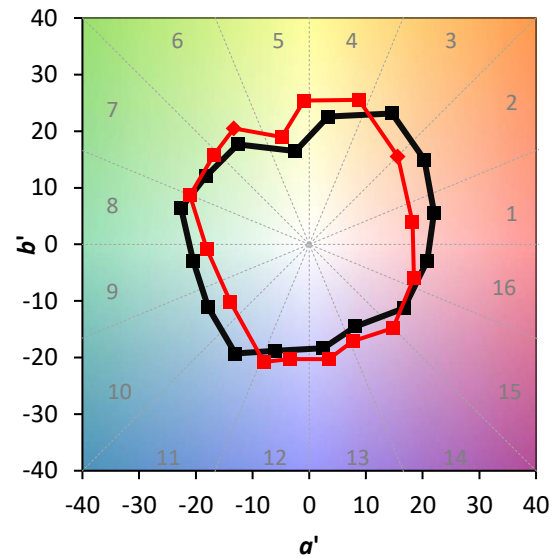
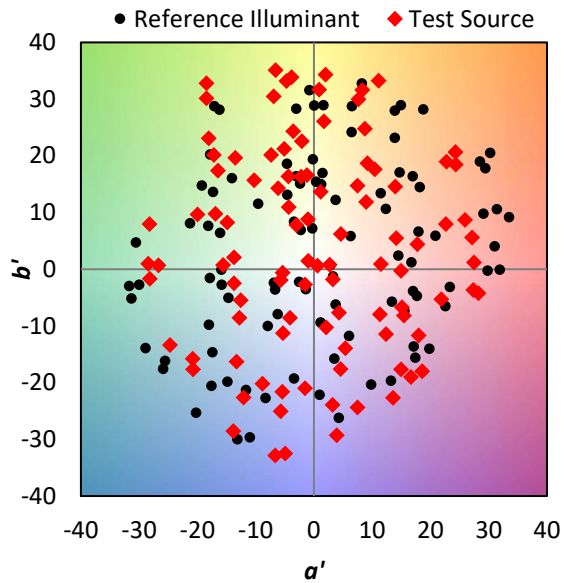
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

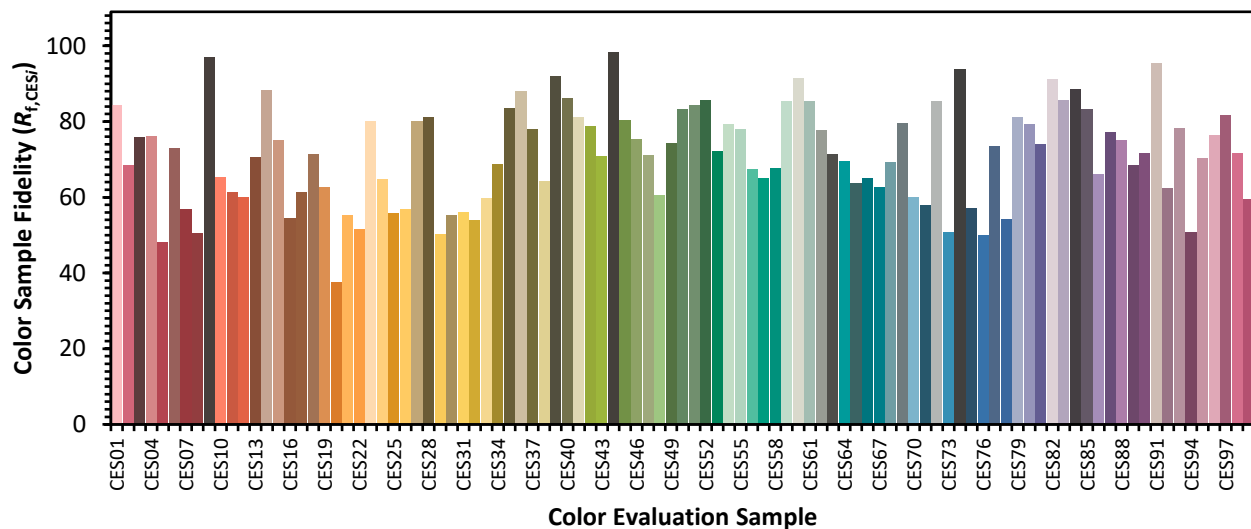


Color Vector Graphics

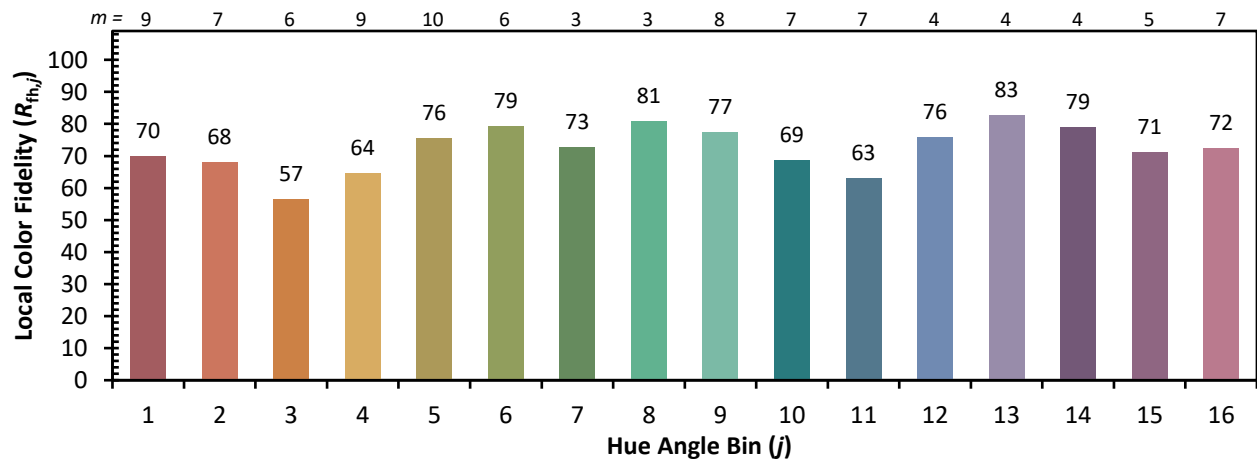
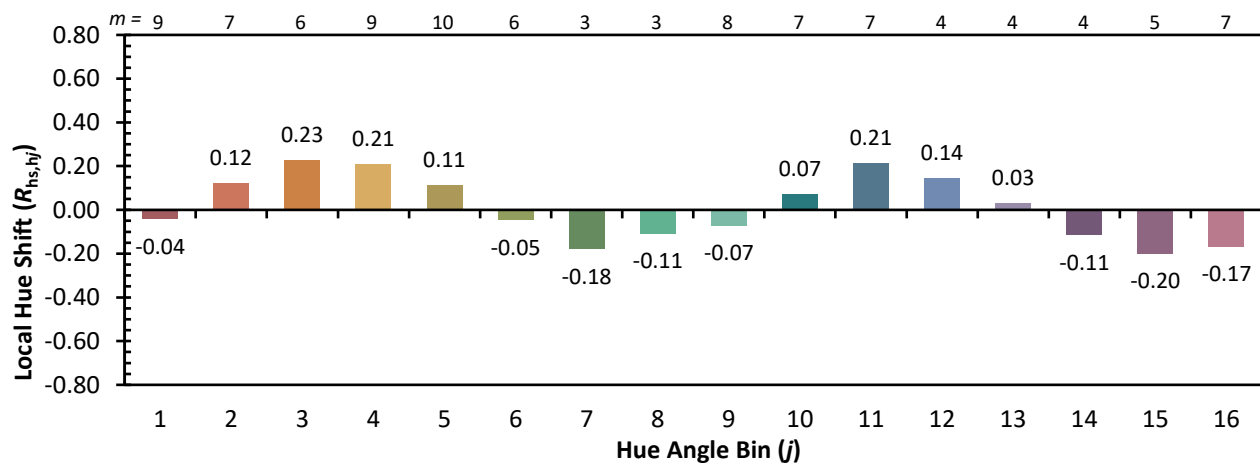
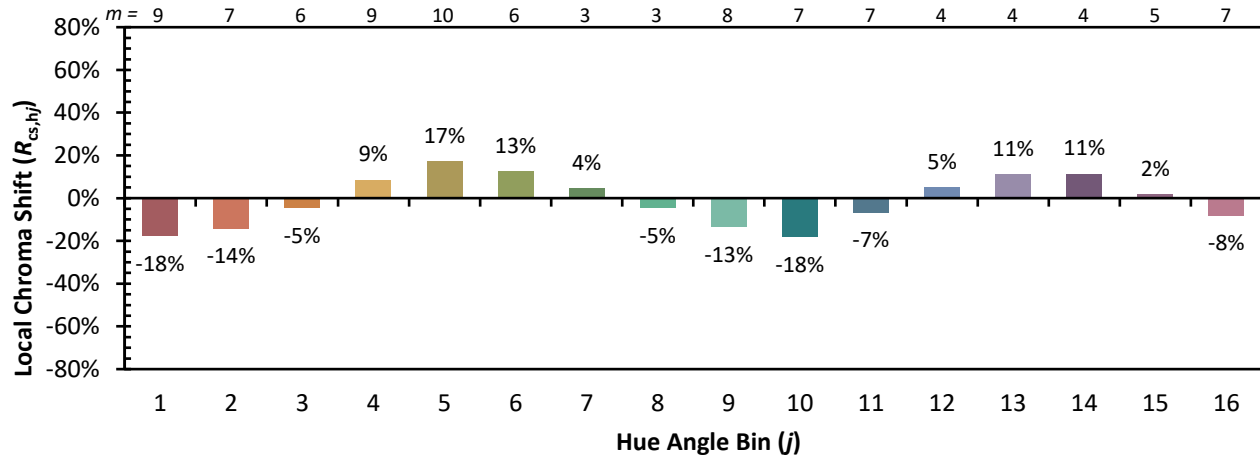


Individual Sample Fidelity Index ($R_{f,i}$)

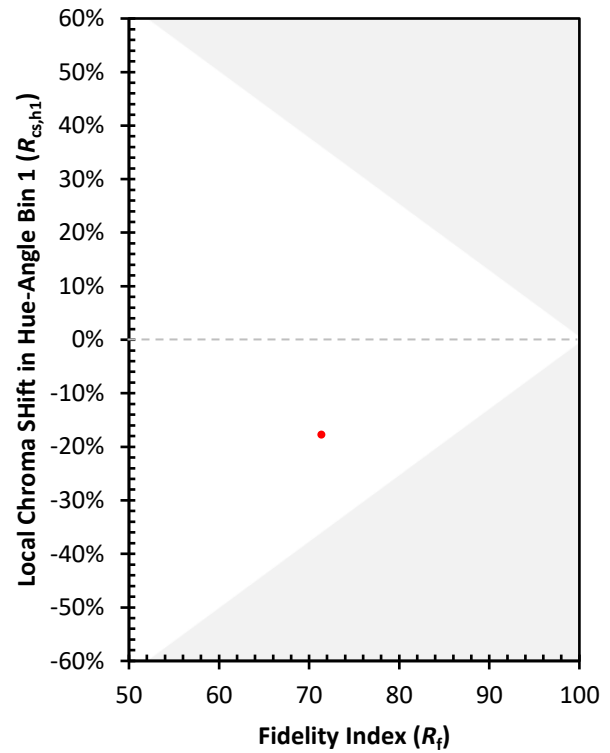
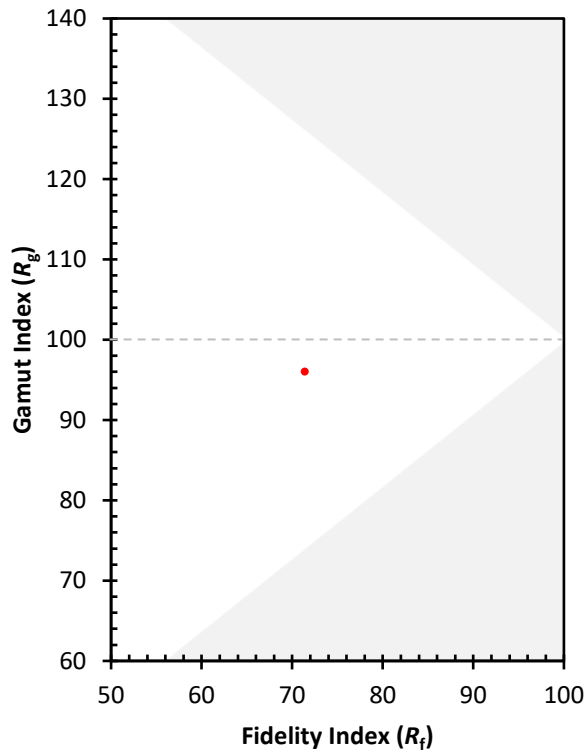
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)