

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: P1065812

Luminaire Tested: **NVN-SA2D-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065812
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2D-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11918.9 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107
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

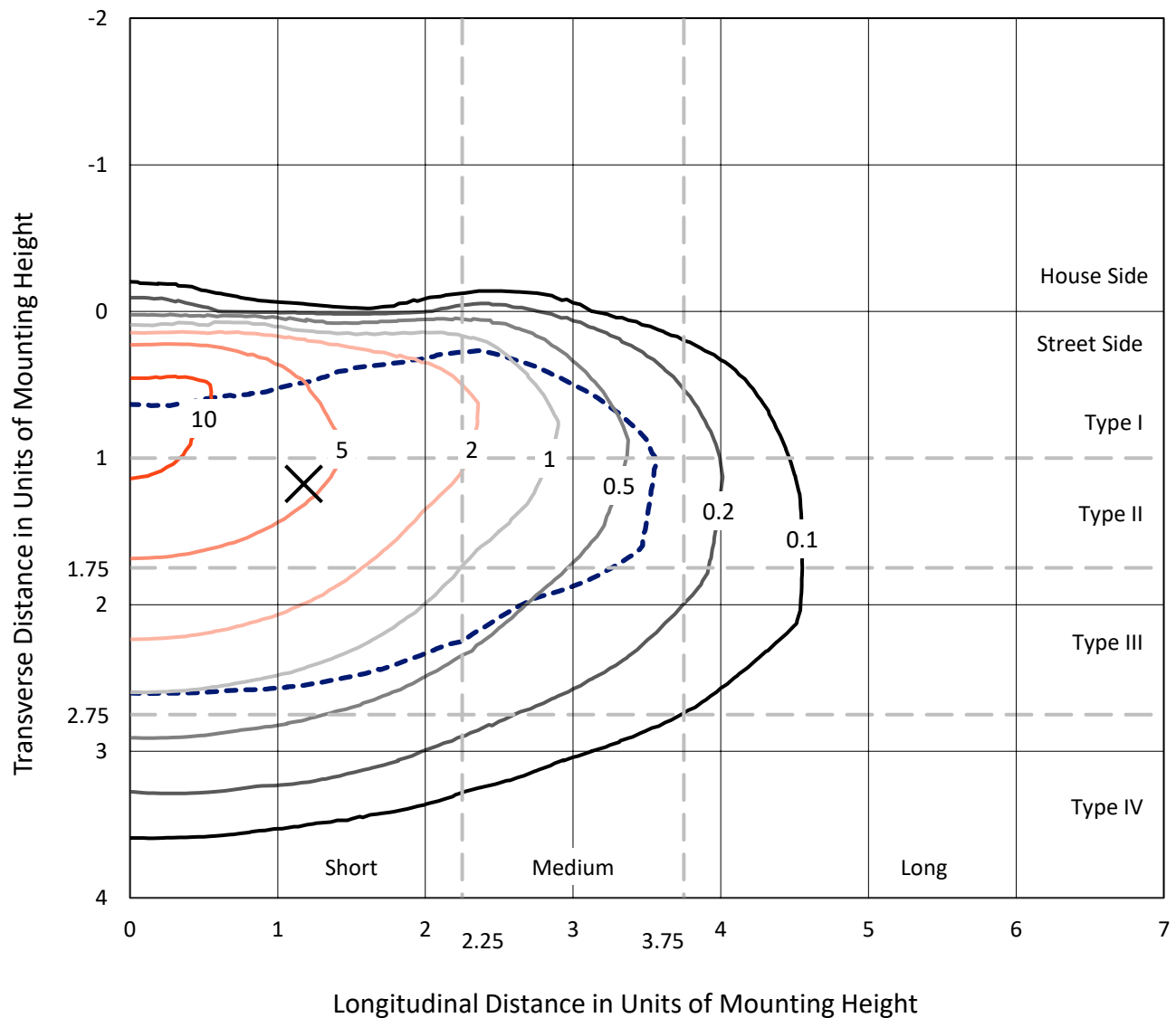


REPORT NUMBER: P1065812

CATALOG NUMBER: NVN-SA2D-735-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

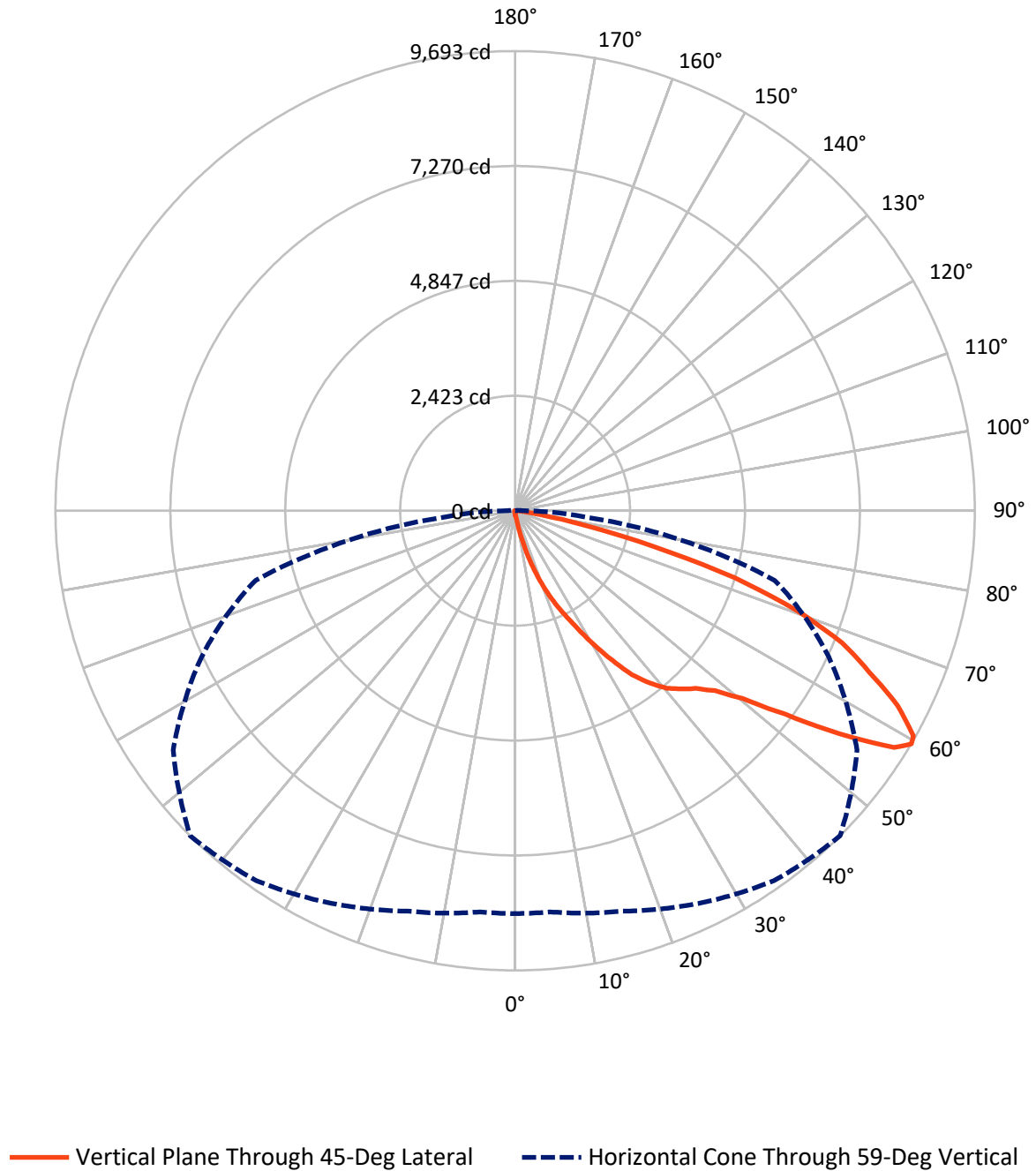


Based on 15 foot mounting height. Maximum calculated value = 13 fc
 Type III - Short - N/A

REPORT NUMBER: P1065812

CATALOG NUMBER: NVN-SA2D-735-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1065812

CATALOG NUMBER: NVN-SA2D-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	42.3	0.0	42.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11876.6	0.0	11876.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	11918.9	0.0	11918.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.1	0.1
10°-20°	131.7	1.1
20°-30°	473.4	4.0
30°-40°	1099.9	9.2
40°-50°	1874.8	15.7
50°-60°	3089.1	25.9
60°-70°	3571.7	30.0
70°-80°	1534.5	12.9
80°-90°	132.6	1.1
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°	11918.9	100.0
0°-180°	11918.9	100.0



REPORT NUMBER: P1065812

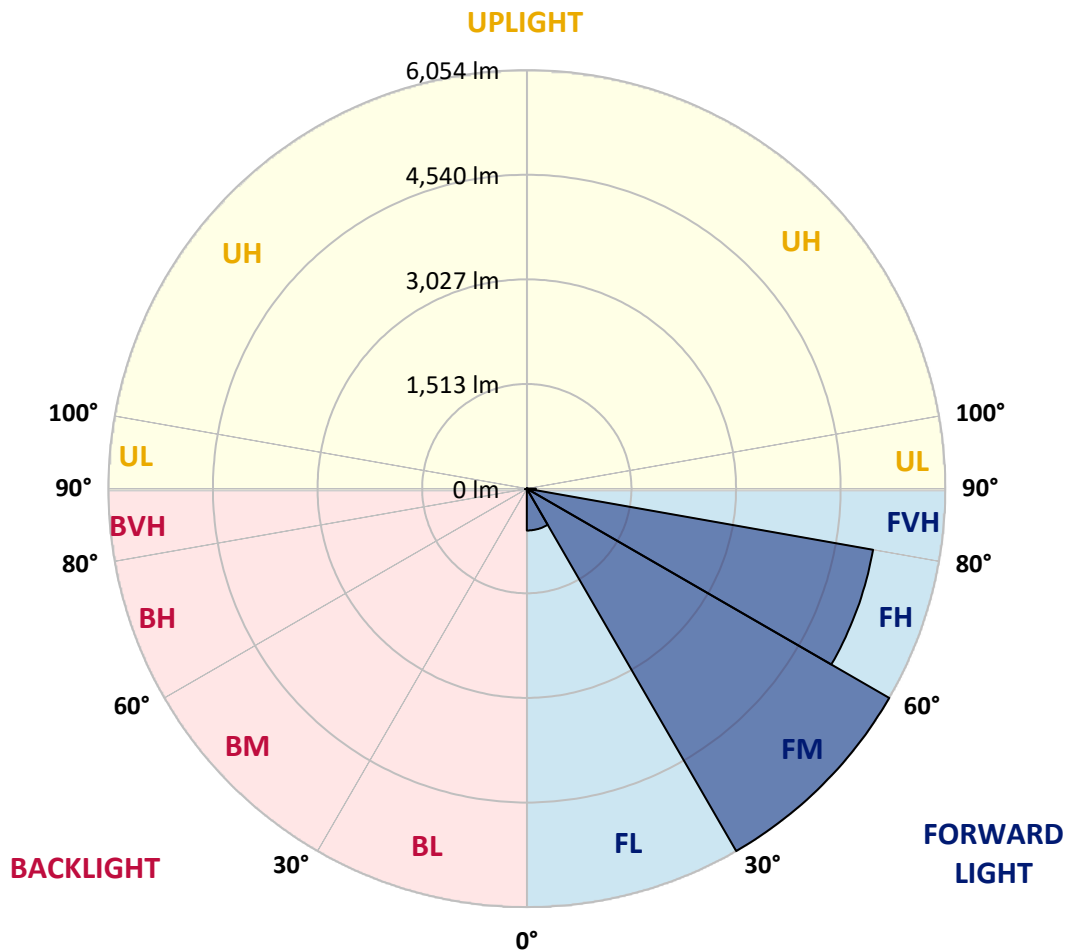
CATALOG NUMBER: NVN-SA2D-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	605.7	5.1			
FM	(30°-60°)	6053.6	50.8			
FH	(60°-80°)	5086.4	42.7			G3/7500
FVH	(80°-90°)	130.9	1.1			G2/225
BL	(0°-30°)	10.4	0.1	B0/110		
BM	(30°-60°)	10.2	0.1	B0/220		
BH	(60°-80°)	19.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.7	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-G3

Type III Short



REPORT NUMBER: P1065812

CATALOG NUMBER: NVN-SA2D-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2.5°	97.8	97.8	95.4	92.2	91.4	89.0	89.0	86.6	83.3	80.9	77.7
5°	141.9	141.1	134.6	126.6	116.2	109.8	109.8	101.0	93.0	85.8	79.3
7.5°	310.2	302.9	279.7	241.2	190.7	157.1	154.7	125.8	106.6	92.2	80.1
10°	711.7	686.8	654.0	561.8	415.1	290.1	284.5	183.5	127.4	99.4	81.7
12.5°	1166.1	1186.1	1120.4	975.3	803.8	597.9	557.8	309.4	168.3	109.0	83.3
15°	1579.6	1574.8	1537.9	1419.3	1221.4	947.3	922.4	537.8	241.2	124.2	85.0
17.5°	1889.0	1883.4	1848.1	1772.0	1619.7	1345.6	1324.0	857.5	378.3	145.9	86.6
20°	2215.2	2207.9	2158.3	2097.3	1964.3	1731.1	1705.4	1215.0	592.3	181.1	86.6
22.5°	2606.3	2592.6	2539.7	2436.3	2296.1	2093.3	2070.1	1580.4	857.5	238.8	90.6
25°	3079.1	3055.9	2982.9	2890.0	2720.9	2451.6	2426.7	1987.5	1177.3	326.2	94.6
27.5°	3618.5	3622.5	3523.9	3366.8	3140.0	2865.1	2818.6	2352.2	1508.3	451.2	99.4
30°	4258.8	4218.7	4080.1	3897.4	3677.0	3326.7	3281.9	2715.2	1880.2	635.5	107.4
32.5°	4858.3	4815.0	4628.3	4398.3	4161.8	3792.4	3755.5	3123.2	2218.4	853.5	121.8
35°	5372.8	5342.3	5081.1	4800.6	4590.6	4260.4	4249.2	3578.4	2615.9	1088.3	137.8
37.5°	5825.6	5770.3	5434.5	5143.6	4930.4	4634.7	4610.6	3995.1	2999.0	1360.8	161.9
40°	6211.9	6181.4	5771.9	5389.6	5216.5	4952.0	4921.6	4360.6	3394.9	1677.4	191.5
42.5°	6625.4	6585.4	6187.8	5759.1	5440.1	5157.2	5137.2	4661.9	3747.5	2025.2	235.6
45°	7092.7	7018.1	6669.5	6284.8	5800.0	5369.6	5347.1	4930.4	4108.9	2398.7	289.3
47.5°	7592.0	7527.0	7244.9	6974.9	6417.1	5719.8	5671.7	5158.8	4468.0	2829.9	357.4
50°	8100.1	8101.7	7890.1	7760.3	7171.2	6288.8	6220.7	5494.6	4845.5	3291.5	458.4
52.5°	8691.5	8706.7	8703.5	8607.4	8150.6	7219.3	7127.9	6004.3	5283.8	3830.0	597.9
55°	8939.2	8966.4	9143.5	9356.7	9232.5	8399.0	8301.2	6883.5	5864.9	4430.3	804.6
57.5°	8736.4	8766.9	9011.3	9384.8	9670.1	9432.0	9420.8	8027.9	6630.2	5158.0	1142.8
59°	8495.2	8491.2	8742.0	9137.9	9522.6	9677.3	9693.3	8802.1	7297.0	5668.5	1434.6
60°	8334.9	8338.1	8504.8	8911.1	9319.8	9588.3	9650.8	9258.1	7686.5	6035.6	1684.6
62.5°	7716.2	7753.0	7885.3	8262.8	8650.6	8950.4	9057.0	9664.5	8801.3	6902.7	2554.2
65°	7043.8	7046.2	7234.5	7557.5	7929.4	8140.1	8207.5	9032.1	9545.8	7785.9	3694.6
67.5°	5844.0	5892.9	6106.9	6630.2	7121.5	7388.4	7439.7	7862.0	9237.3	8361.3	4266.0
70°	4089.7	4153.8	4459.2	5138.0	5869.7	6308.1	6304.9	6535.7	8129.7	8104.9	3616.9
72.5°	2042.0	2152.6	2401.9	3128.8	4015.2	4703.6	4848.7	5257.4	6530.9	6732.0	2698.4
75°	902.4	908.8	1050.7	1416.9	1995.6	2869.9	2999.8	4173.1	5010.5	4678.8	1949.1
77.5°	524.9	529.7	555.4	636.3	808.6	1406.5	1552.4	2736.9	3540.7	2719.3	1271.1
80°	190.7	195.5	194.7	241.2	354.2	553.8	617.1	1326.4	2361.8	1432.2	666.0
82.5°	117.0	117.0	113.0	113.8	129.0	212.4	232.4	565.0	1150.1	705.3	190.7
85°	57.7	60.9	64.9	72.9	86.6	105.0	111.4	161.9	387.1	170.7	45.7
87.5°	34.5	35.3	38.5	46.5	57.7	75.3	80.1	109.8	138.6	114.6	11.2
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: P1065812

CATALOG NUMBER: NVN-SA2D-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
2.5°	76.1	75.3	71.3	68.1	64.9	61.7	59.3	56.9	56.9	57.7	56.9
5°	76.1	72.9	66.5	60.9	56.1	52.1	48.1	44.9	44.1	44.1	44.9
7.5°	75.3	71.3	62.5	55.3	48.9	43.3	39.3	35.3	34.5	35.3	34.5
10°	74.5	69.7	59.3	50.5	41.7	36.1	30.5	26.4	26.4	26.4	27.2
12.5°	74.5	67.3	56.1	45.7	36.1	29.7	24.0	20.0	19.2	19.2	19.2
15°	73.7	65.7	52.9	40.1	30.5	22.4	17.6	13.6	13.6	13.6	13.6
17.5°	72.1	63.3	48.9	35.3	24.0	16.8	12.0	8.0	8.0	9.6	9.6
20°	70.5	60.9	44.1	28.9	20.0	12.8	8.0	4.8	4.8	7.2	8.0
22.5°	71.3	60.9	40.9	25.6	16.0	9.6	6.4	4.0	3.2	5.6	7.2
25°	72.1	59.3	36.9	22.4	12.0	7.2	4.8	1.6	0.8	1.6	2.4
27.5°	72.1	57.7	32.1	17.6	8.8	5.6	2.4	0.0	0.0	0.0	0.0
30°	71.3	55.3	28.1	14.4	6.4	3.2	0.8	0.0	0.0	0.0	0.0
32.5°	70.5	52.9	25.6	11.2	5.6	1.6	0.0	0.0	0.0	0.0	0.0
35°	71.3	49.7	22.4	8.8	3.2	0.0	0.0	0.0	0.0	0.0	1.6
37.5°	73.7	46.5	19.2	7.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	76.9	44.1	16.0	5.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	83.3	44.1	14.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	91.4	44.1	12.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	101.8	44.9	10.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	114.6	46.5	9.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	124.2	44.9	8.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	141.1	43.3	8.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	163.5	40.9	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	185.9	37.7	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	211.6	36.1	7.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	349.4	32.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	674.8	30.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1090.7	30.5	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1146.8	30.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	763.0	24.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	408.7	22.4	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	220.4	20.8	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	97.0	15.2	4.0	2.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	38.5	10.4	4.8	4.0	3.2	1.6	0.0	0.0	0.0	0.0	0.0
85°	18.4	8.0	6.4	5.6	4.0	2.4	0.0	0.0	0.0	0.0	0.0
87.5°	8.8	8.0	7.2	6.4	5.6	4.0	0.8	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

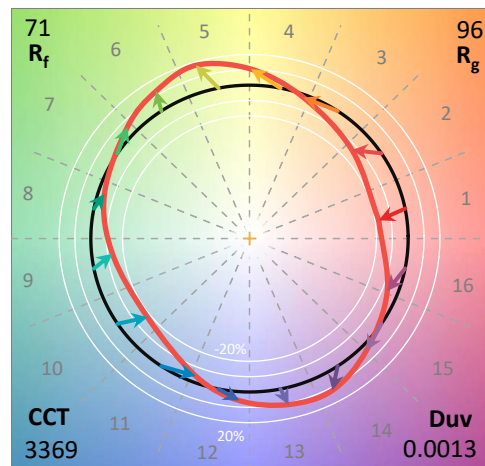
Test Information

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

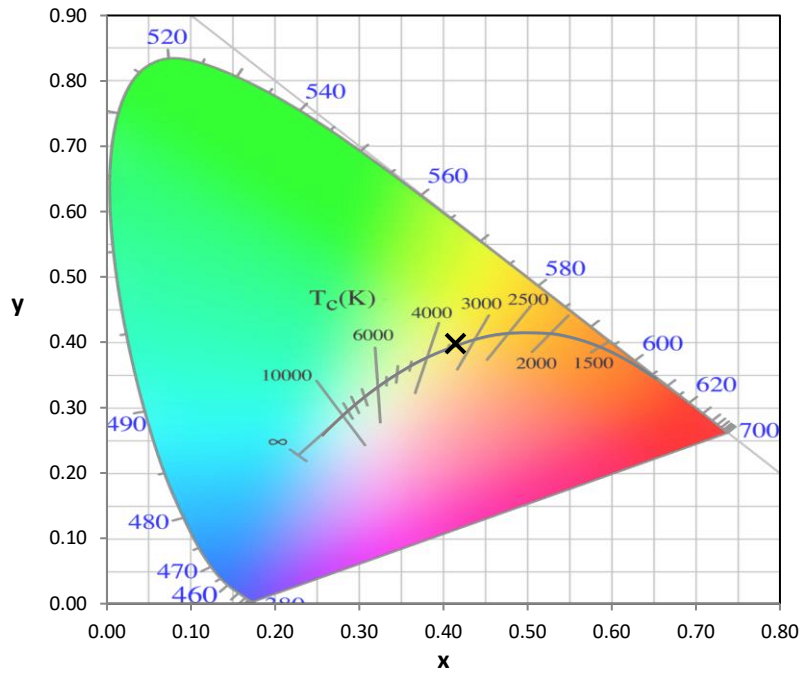
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

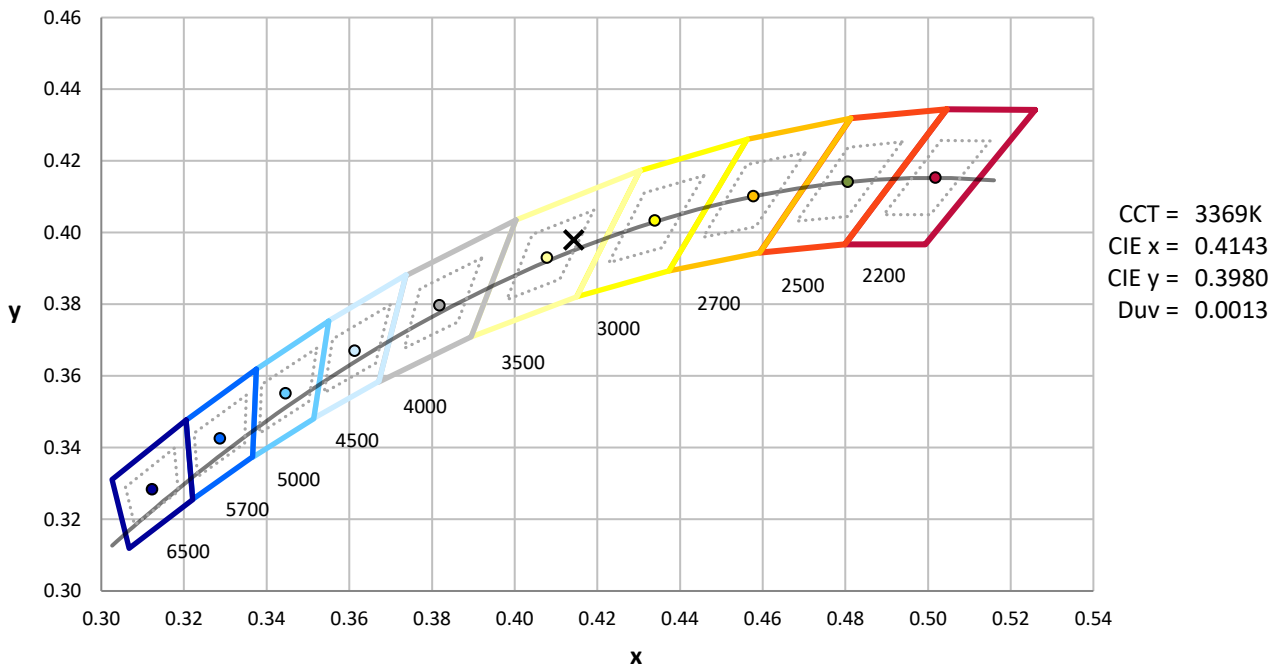
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



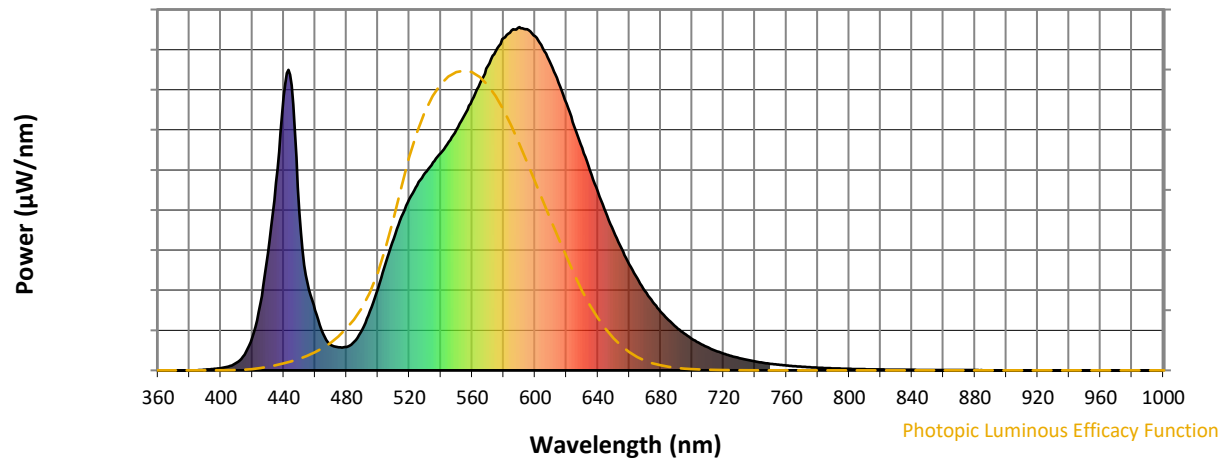
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

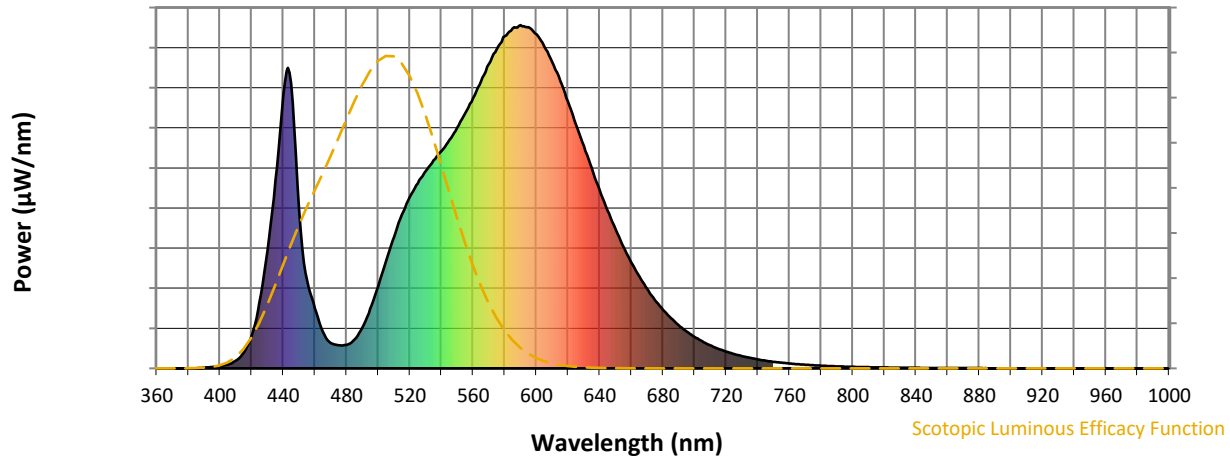


Photopic Lumens: NR

λ (nm)	Power 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

Scotopic Flux vs. Wavelength



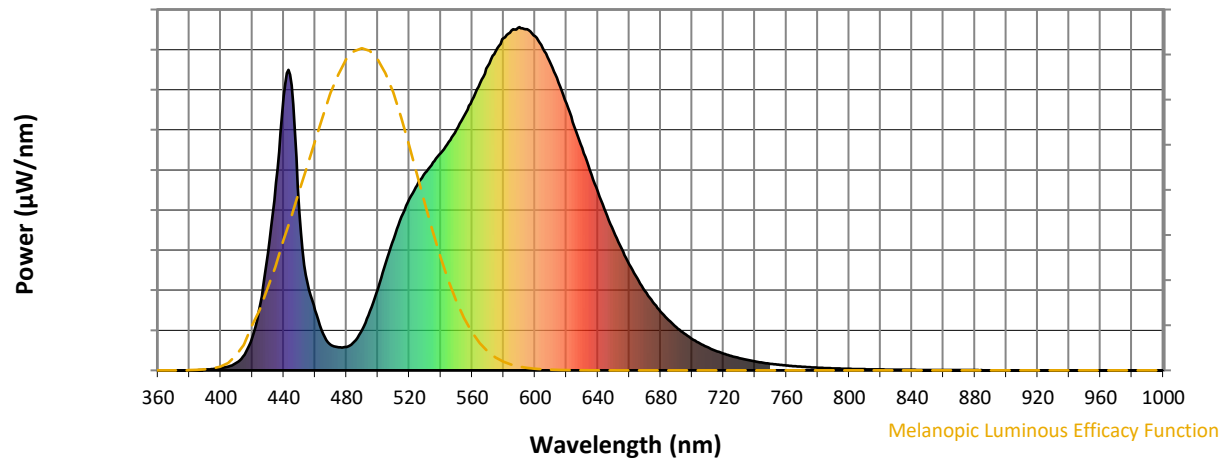
Scotopic Lumens: NR

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

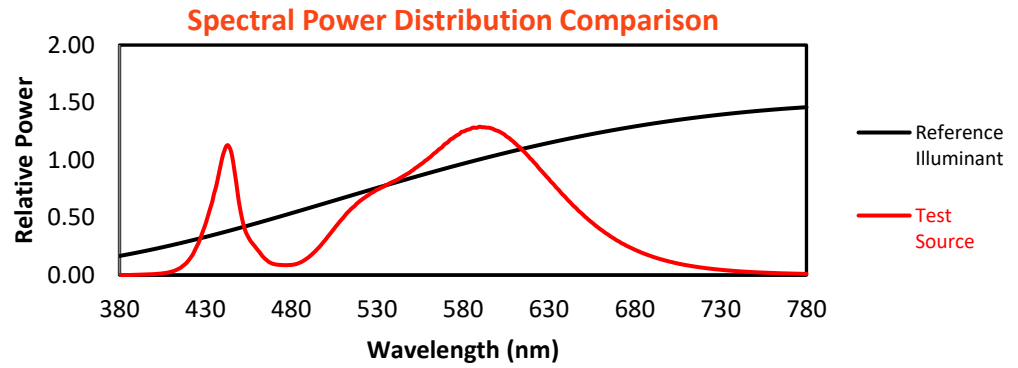
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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

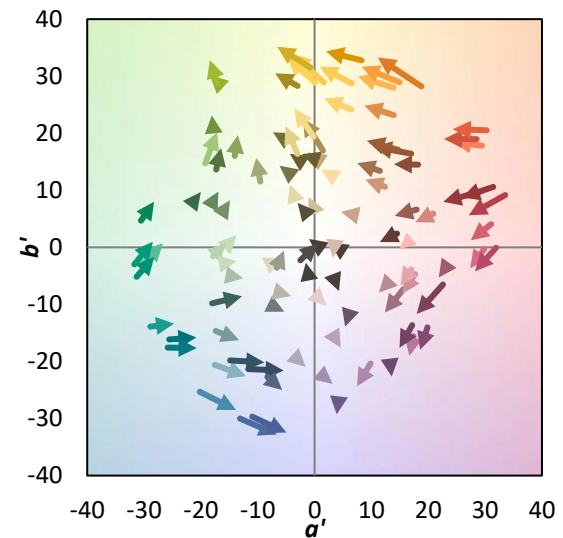
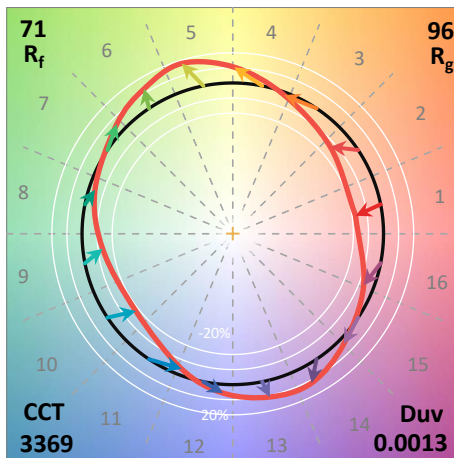
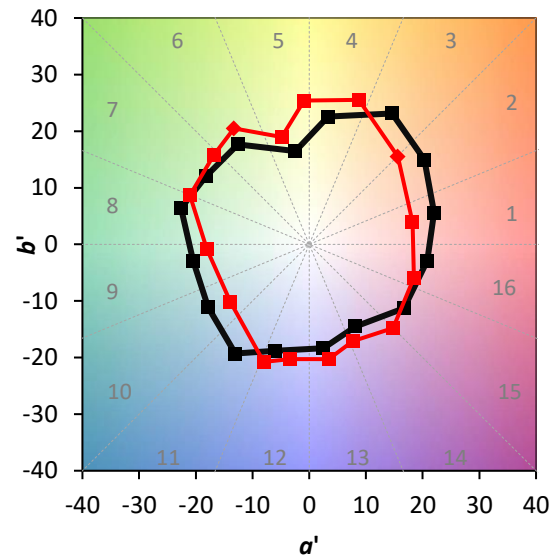
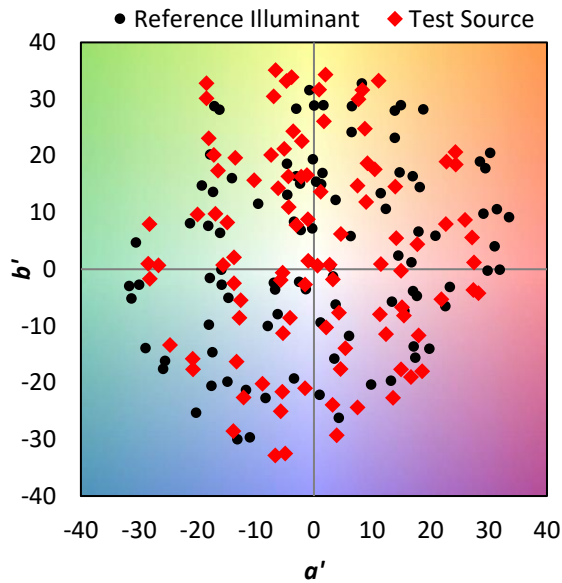
TM-30-18

Summary

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

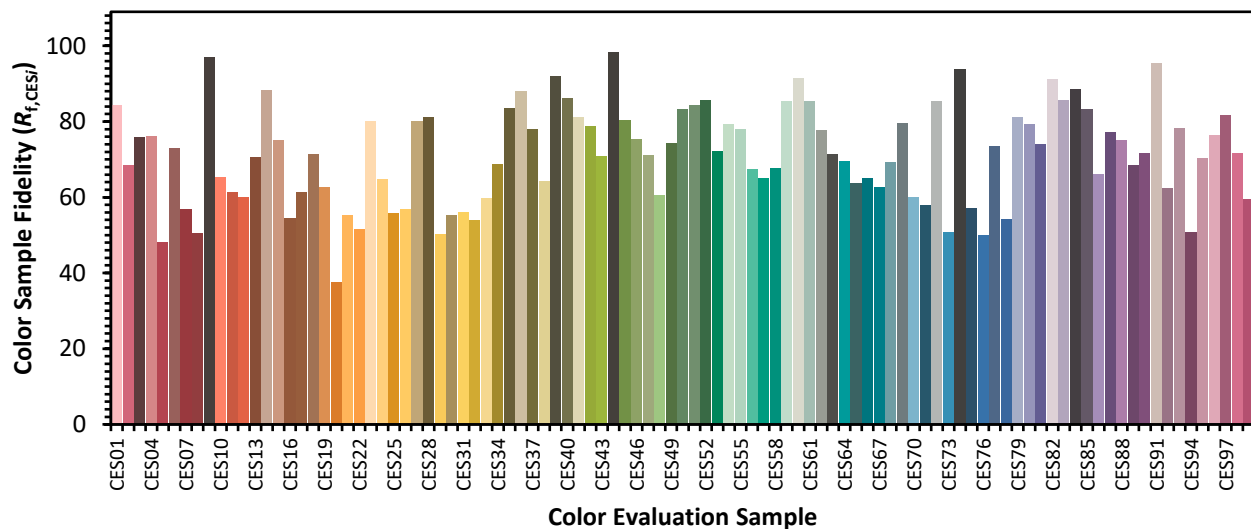


Color Vector Graphics

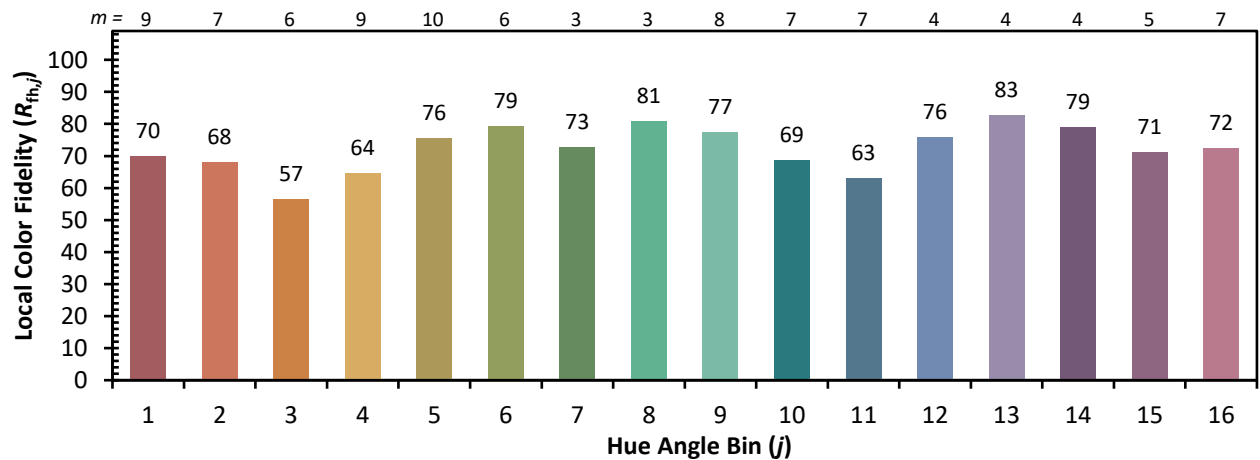
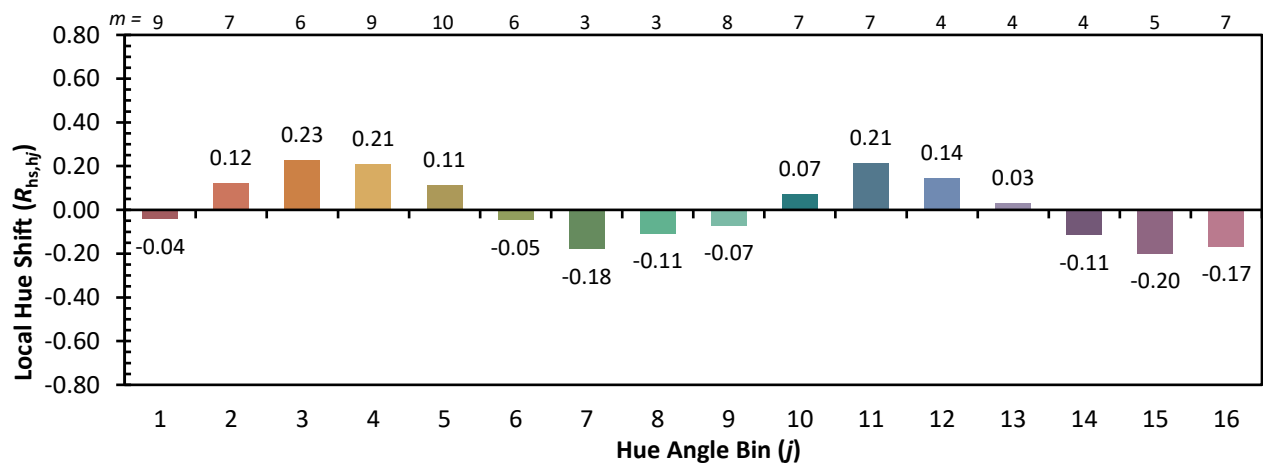
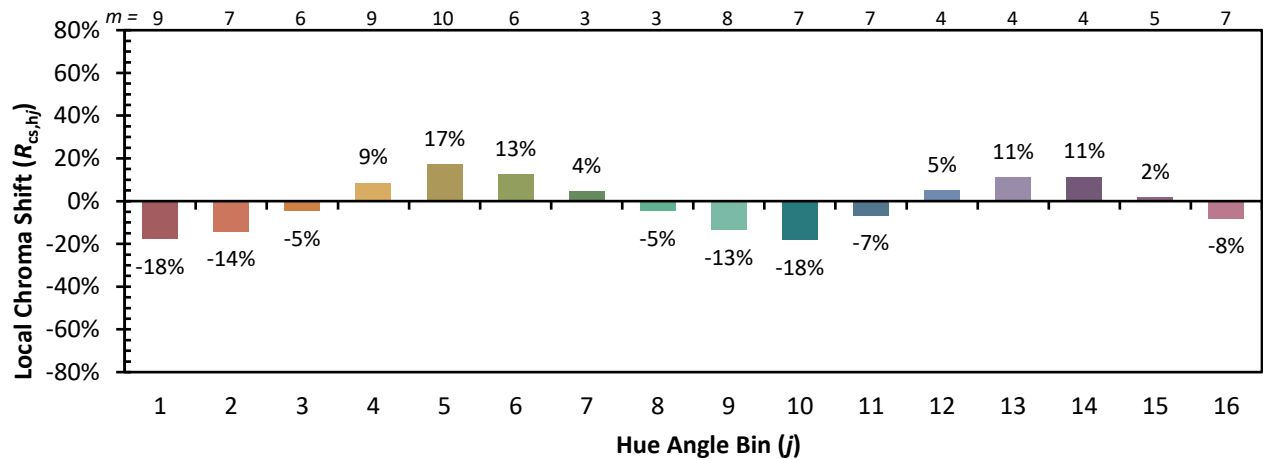


Individual Sample Fidelity Index ($R_{f,i}$)

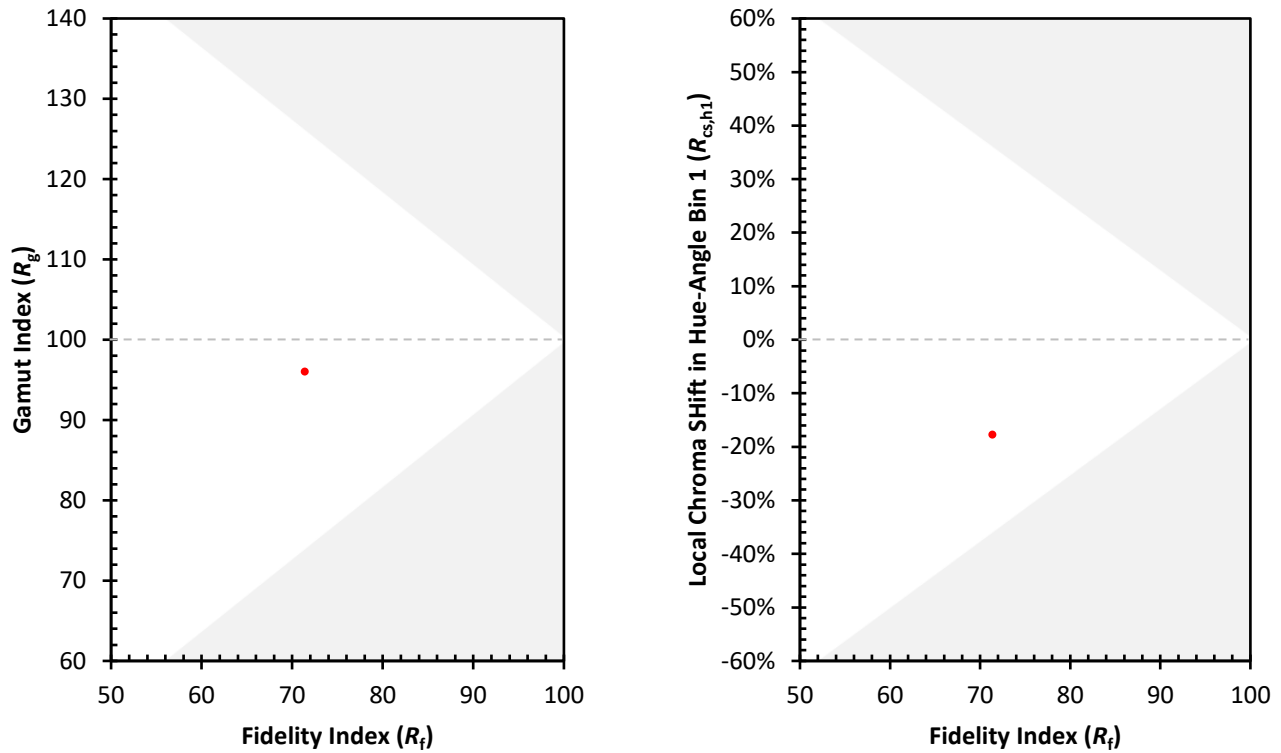
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 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)