

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: LUMARK

Report Number: P1067251

Luminaire Tested: **NAV-SA2C-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067251
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10235.9 lumens
Efficiency: N/A
Efficacy: 106.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

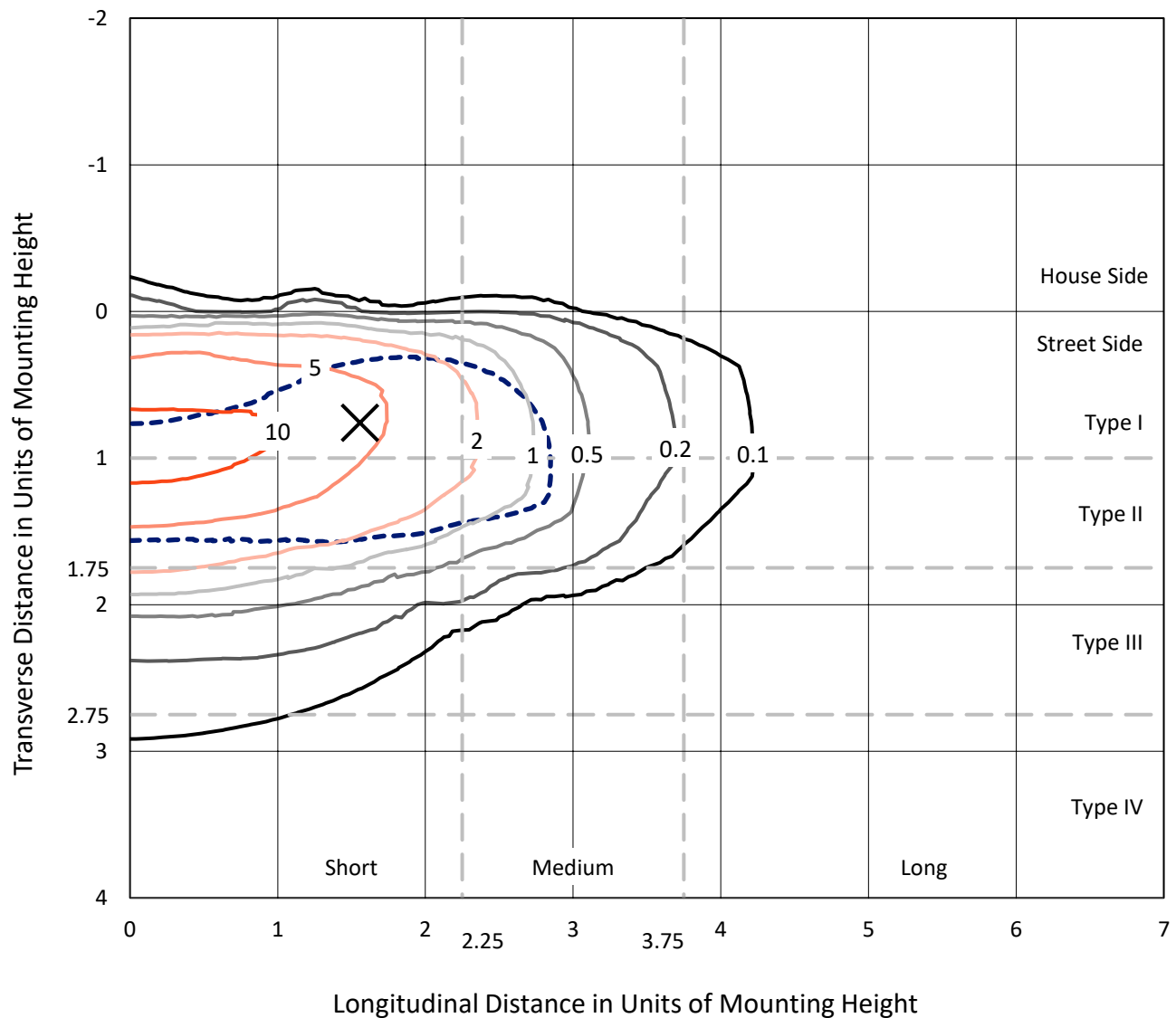


REPORT NUMBER: P1067251

CATALOG NUMBER: NAV-SA2C-735-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

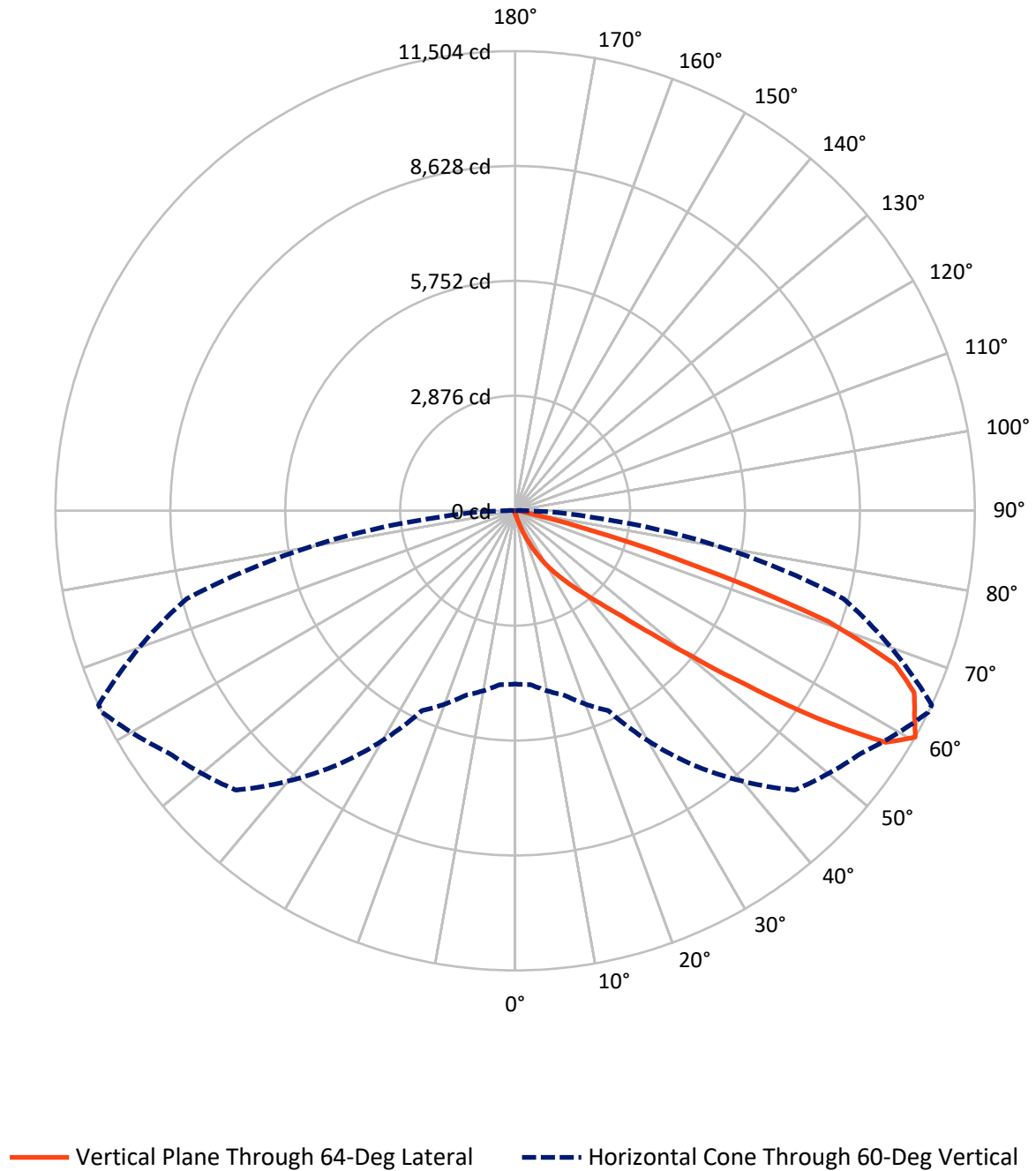


Based on 15 foot mounting height. Maximum calculated value = 14.7 fc
 Type II - Short - N/A

REPORT NUMBER: P1067251

CATALOG NUMBER: NAV-SA2C-735-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067251

CATALOG NUMBER: NAV-SA2C-735-U-T2BC

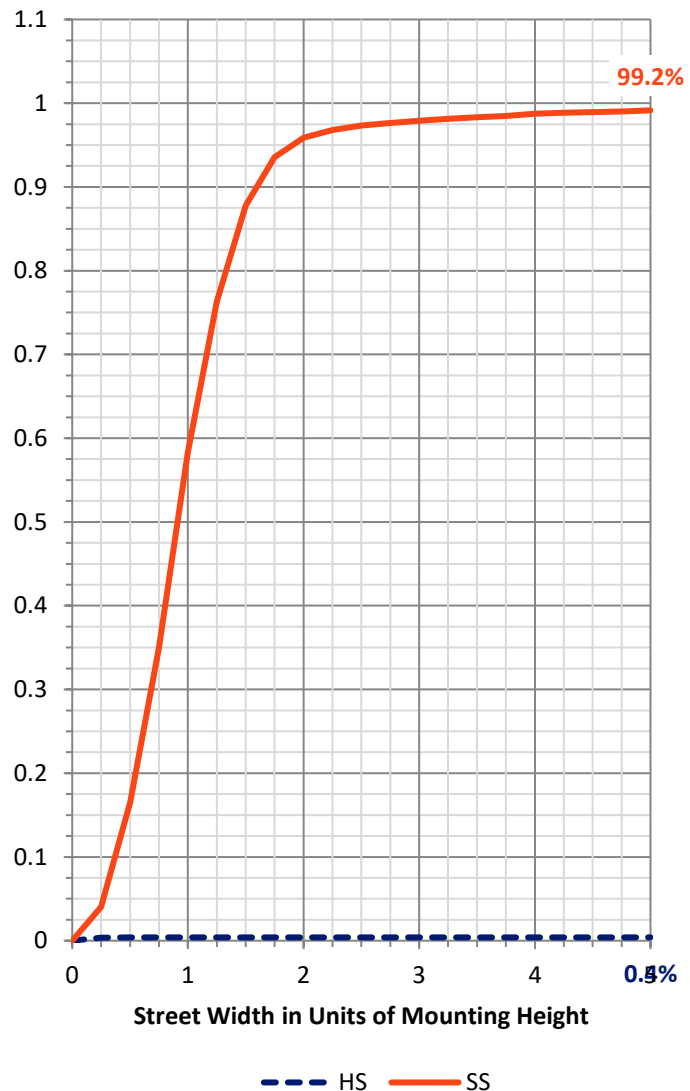
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.5	0.0	41.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10194.4	0.0	10194.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	10235.9	0.0	10235.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.1
10°-20°	100.6	1.0
20°-30°	334.1	3.3
30°-40°	891.4	8.7
40°-50°	2265.7	22.1
50°-60°	3303.0	32.3
60°-70°	2551.2	24.9
70°-80°	700.6	6.8
80°-90°	79.1	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°	10235.9	100.0
0°-180°	10235.9	100.0



REPORT NUMBER: P1067251

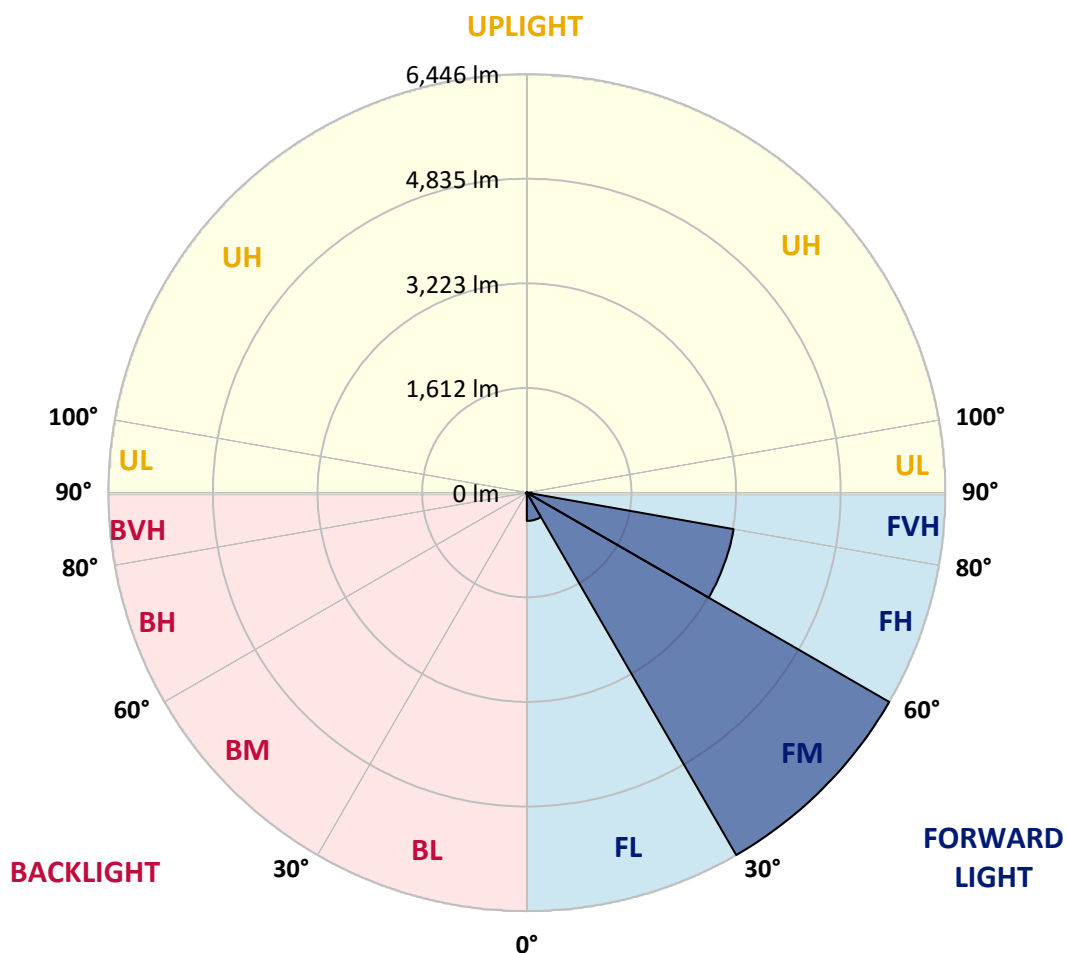
CATALOG NUMBER: NAV-SA2C-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	435.5	4.3			
FM	(30°-60°)	6446.4	63.0			
FH	(60°-80°)	3235.3	31.6			G2/5000
FVH	(80°-90°)	77.2	0.8			G1/100
BL	(0°-30°)	9.3	0.1	B0/110		
BM	(30°-60°)	13.7	0.1	B0/220		
BH	(60°-80°)	16.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.9	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: P1067251

CATALOG NUMBER: NAV-SA2C-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	90.2	90.2	90.2	87.3	84.5	84.5	81.7	78.9	78.9	73.3	70.4
5°	138.1	138.1	132.4	126.8	118.3	107.1	95.8	87.3	87.3	78.9	73.3
7.5°	270.5	278.9	253.6	222.6	180.3	152.1	121.2	101.4	98.6	84.5	73.3
10°	586.1	580.4	541.0	464.9	366.3	264.9	169.1	124.0	118.3	90.2	73.3
12.5°	881.9	890.4	848.1	763.6	645.2	470.5	290.2	160.6	155.0	98.6	73.3
15°	1135.5	1135.5	1107.3	1065.0	935.4	752.3	467.7	239.5	219.8	107.1	70.4
17.5°	1310.2	1307.4	1296.1	1284.8	1208.7	1020.0	715.7	383.2	338.1	126.8	70.4
20°	1507.4	1498.9	1513.0	1490.5	1431.3	1282.0	977.7	569.1	526.9	160.6	70.4
22.5°	1713.1	1721.5	1732.8	1710.3	1645.5	1515.9	1253.8	808.6	763.6	222.6	73.3
25°	1975.1	1969.5	1994.8	1975.1	1893.4	1741.3	1513.0	1070.7	1005.9	309.9	78.9
27.5°	2296.3	2285.0	2302.0	2251.2	2144.2	1989.2	1744.1	1338.3	1262.3	445.2	90.2
30°	2721.8	2730.2	2654.1	2595.0	2442.8	2237.1	2000.5	1625.7	1546.8	605.8	101.4
32.5°	3392.4	3333.2	3214.8	2975.4	2775.3	2513.3	2256.9	1876.5	1806.1	811.5	118.3
35°	4437.7	4448.9	4189.7	3598.0	3164.1	2859.8	2538.6	2152.6	2101.9	1045.3	140.9
37.5°	5711.2	5680.2	5452.0	4705.3	3733.3	3290.9	2859.8	2454.1	2380.8	1298.9	169.1
40°	7153.8	7024.2	6891.8	6384.6	4919.5	3831.9	3265.6	2803.5	2747.1	1591.9	214.1
42.5°	8309.0	8275.2	8297.7	8086.4	6897.4	4753.2	3803.7	3231.8	3164.1	1955.4	293.0
45°	8878.2	8830.3	8965.5	9123.3	8819.0	6714.3	4671.5	3778.4	3688.2	2383.7	414.2
47.5°	8726.0	8692.2	8982.4	9292.3	9698.1	8988.0	6088.8	4595.5	4440.5	2933.1	594.5
50°	7976.5	7979.4	8455.5	9033.1	9675.5	10140.4	8187.9	5714.0	5519.6	3662.8	876.3
52.5°	7246.8	7269.3	7773.7	8616.1	9340.2	10275.7	10030.5	7221.4	6905.9	4522.2	1208.7
55°	6497.3	6508.6	6953.8	8140.0	9182.5	9872.8	10977.2	9162.7	8827.4	5592.9	1532.8
57.5°	5776.0	5776.0	5942.3	6996.0	9010.6	9836.1	10864.5	10937.8	10664.5	6815.7	1772.3
60°	4339.1	4367.2	4781.4	5519.6	7770.9	9889.7	10577.2	11504.1	11504.1	8511.9	1955.4
62.5°	2192.1	2234.3	2749.9	3468.4	5330.8	9151.5	10622.2	11219.6	11264.6	10008.0	2372.4
65°	1028.4	1076.3	1352.4	1859.6	2868.3	6441.0	10154.5	10977.2	10963.2	9723.4	3251.5
67.5°	738.2	752.3	845.3	1084.8	1544.0	2823.2	7751.1	10253.1	10258.8	8261.1	3738.9
70°	662.1	662.1	684.7	755.1	929.8	1262.3	3767.1	8303.4	8706.3	6379.0	3465.6
72.5°	653.7	648.0	642.4	645.2	628.3	634.0	1293.3	4688.4	5263.2	4463.0	2764.0
75°	636.8	636.8	631.1	611.4	501.5	408.5	445.2	1896.2	2192.1	2981.0	2051.2
77.5°	504.3	555.1	614.2	577.6	459.3	307.1	259.2	549.4	693.1	1828.6	1487.7
80°	233.9	236.7	233.9	245.1	293.0	219.8	191.6	267.7	270.5	1014.3	921.3
82.5°	169.1	171.9	163.4	146.5	129.6	118.3	157.8	197.2	211.3	464.9	343.7
85°	50.7	47.9	56.4	76.1	90.2	104.3	132.4	166.2	174.7	171.9	50.7
87.5°	22.5	22.5	28.2	39.4	53.5	78.9	115.5	152.1	155.0	177.5	14.1
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: P1067251

CATALOG NUMBER: NAV-SA2C-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
2.5°	70.4	67.6	64.8	62.0	59.2	56.4	53.5	53.5	56.4	56.4	56.4
5°	67.6	64.8	59.2	53.5	50.7	47.9	45.1	45.1	47.9	47.9	47.9
7.5°	67.6	62.0	56.4	50.7	45.1	42.3	39.4	39.4	39.4	42.3	42.3
10°	67.6	62.0	53.5	45.1	39.4	36.6	33.8	31.0	33.8	33.8	33.8
12.5°	64.8	59.2	50.7	42.3	33.8	28.2	25.4	25.4	25.4	25.4	25.4
15°	62.0	56.4	47.9	36.6	28.2	22.5	16.9	16.9	16.9	19.7	19.7
17.5°	59.2	53.5	42.3	28.2	19.7	14.1	11.3	11.3	11.3	14.1	14.1
20°	59.2	50.7	36.6	22.5	14.1	8.5	5.6	5.6	5.6	8.5	11.3
22.5°	59.2	50.7	33.8	16.9	8.5	5.6	2.8	2.8	2.8	2.8	2.8
25°	59.2	47.9	31.0	14.1	5.6	2.8	0.0	0.0	2.8	5.6	8.5
27.5°	59.2	45.1	25.4	8.5	5.6	2.8	0.0	2.8	5.6	5.6	5.6
30°	59.2	45.1	22.5	8.5	2.8	0.0	0.0	2.8	5.6	5.6	8.5
32.5°	62.0	42.3	19.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	64.8	39.4	16.9	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	70.4	39.4	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	78.9	42.3	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	98.6	45.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	138.1	56.4	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	202.9	84.5	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	295.8	115.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	363.5	115.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	360.6	73.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	276.1	50.7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	233.9	36.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	281.8	28.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	501.5	25.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	805.8	25.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	901.6	25.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	704.4	22.5	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	386.0	19.7	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	194.4	14.1	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0
80°	81.7	11.3	5.6	2.8	2.8	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	28.2	11.3	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0	0.0
85°	14.1	8.5	8.5	5.6	5.6	2.8	2.8	0.0	0.0	0.0	0.0
87.5°	8.5	8.5	8.5	5.6	5.6	2.8	2.8	0.0	0.0	0.0	2.8
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

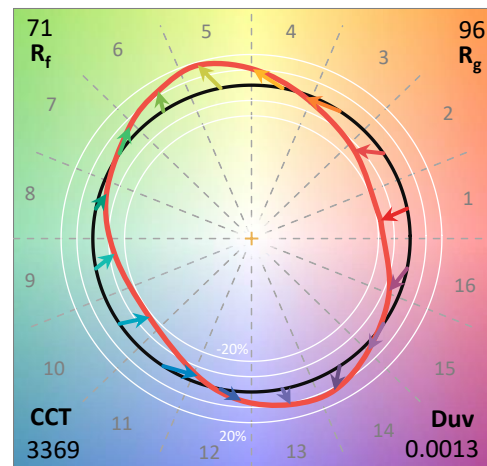
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

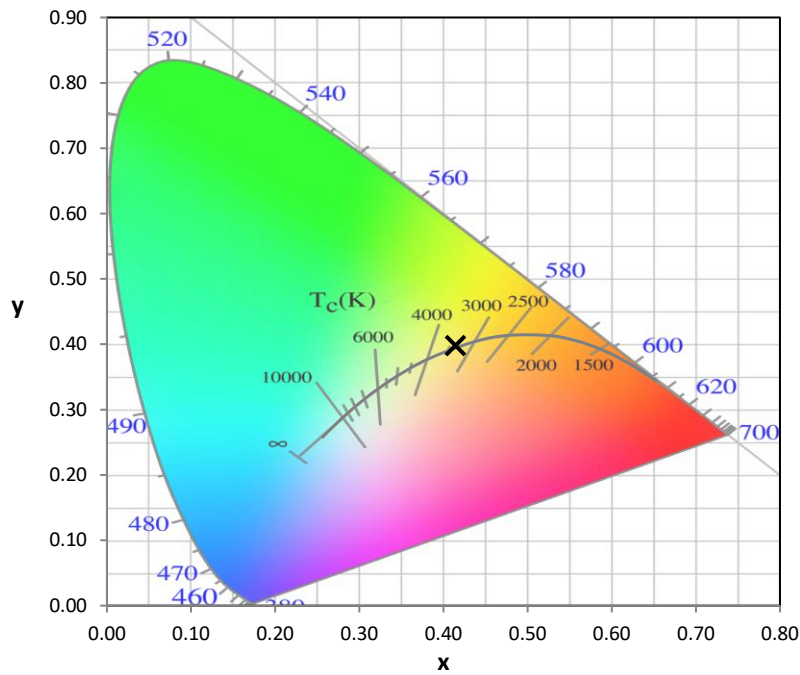
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

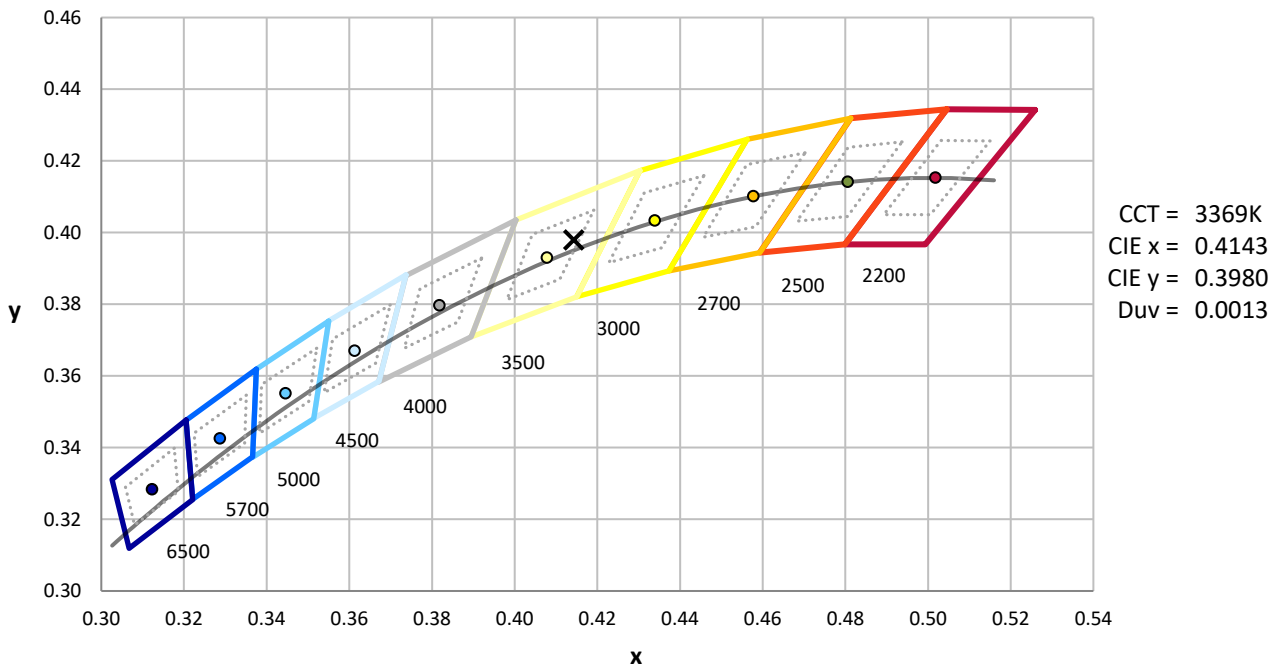
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



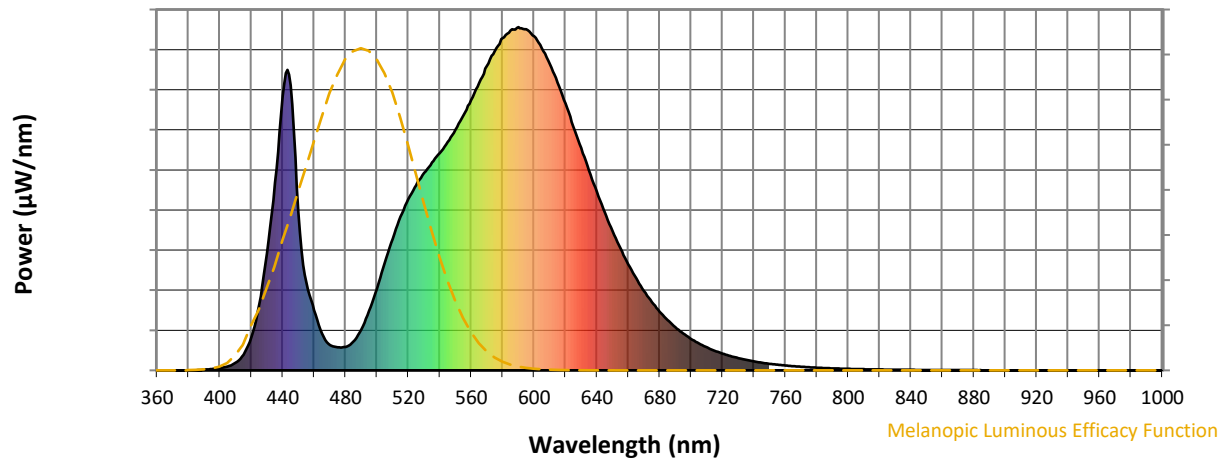
Scotopic Lumens: NR

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

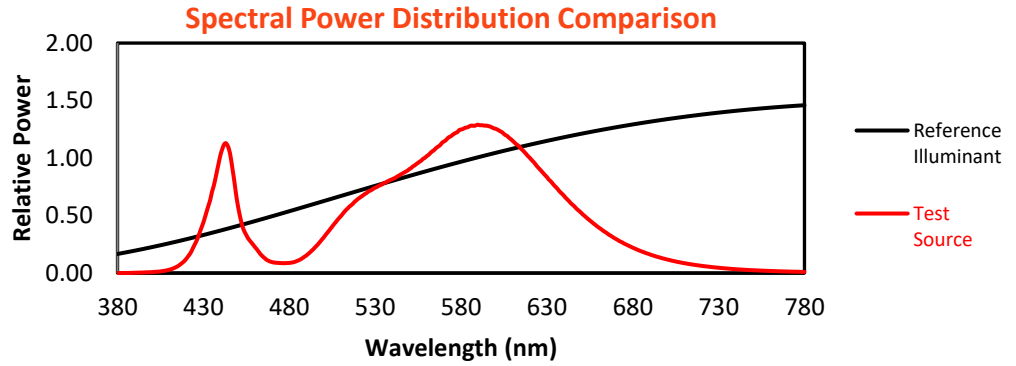
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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

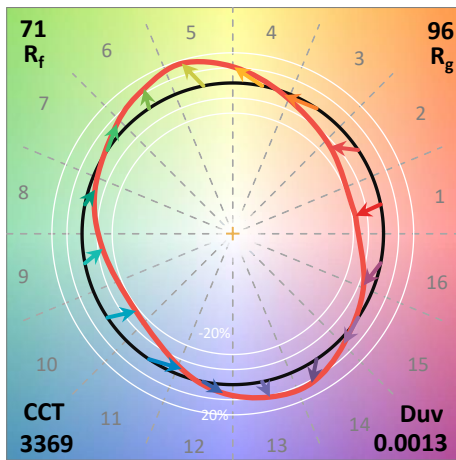
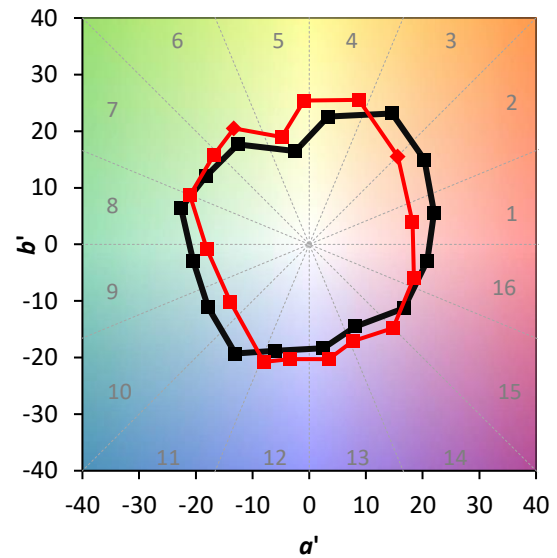
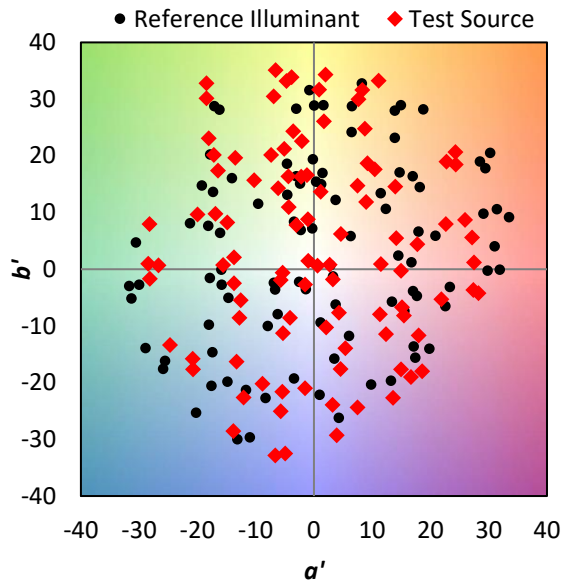
TM-30-18

Summary

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



Color Vector Graphics



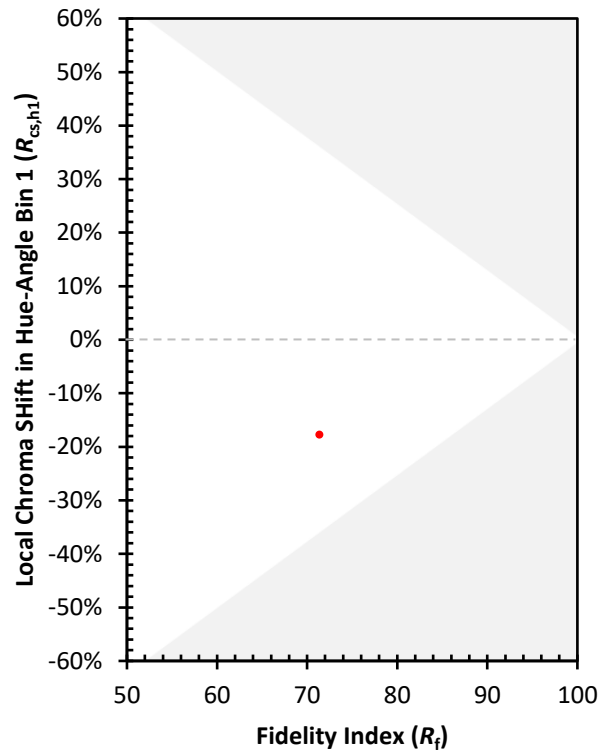
Individual Sample Fidelity Index ($R_{f,i}$)

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)