

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: P1067008

Luminaire Tested: **NAV-SA1D-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067008
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1D-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6176.2 lumens
Efficiency: N/A
Efficacy: 109.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.5
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

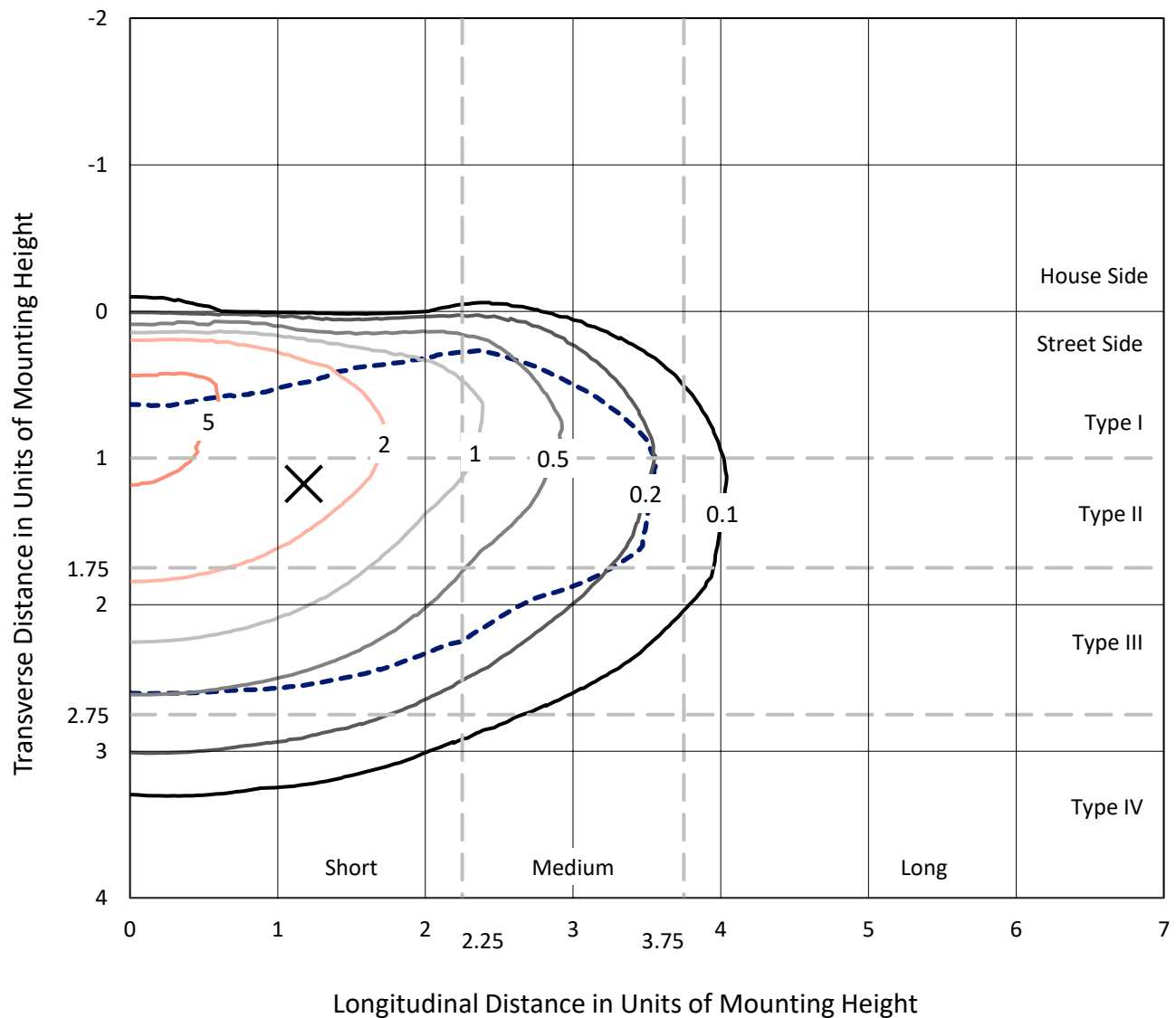


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

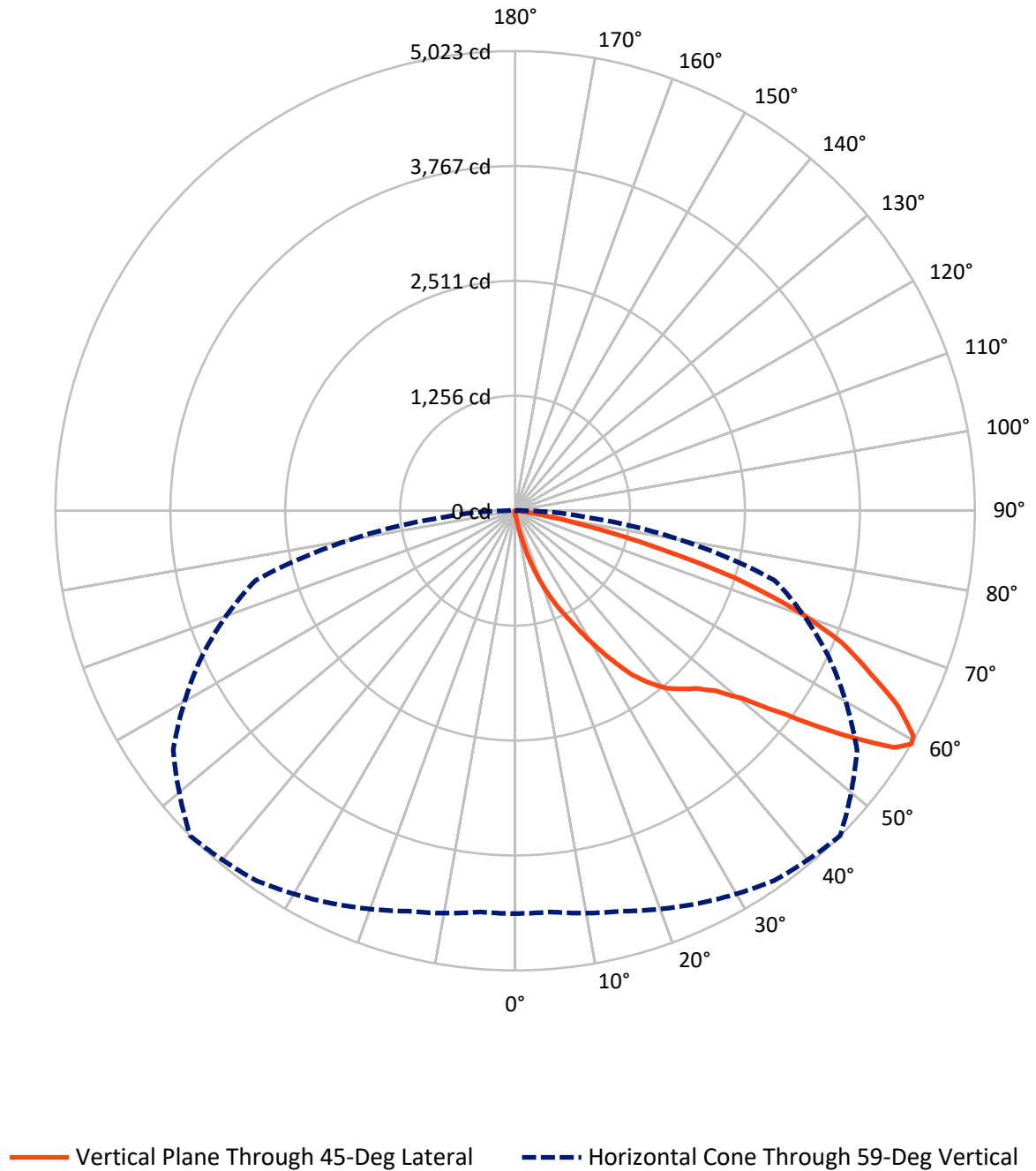


Based on 15 foot mounting height. Maximum calculated value = 6.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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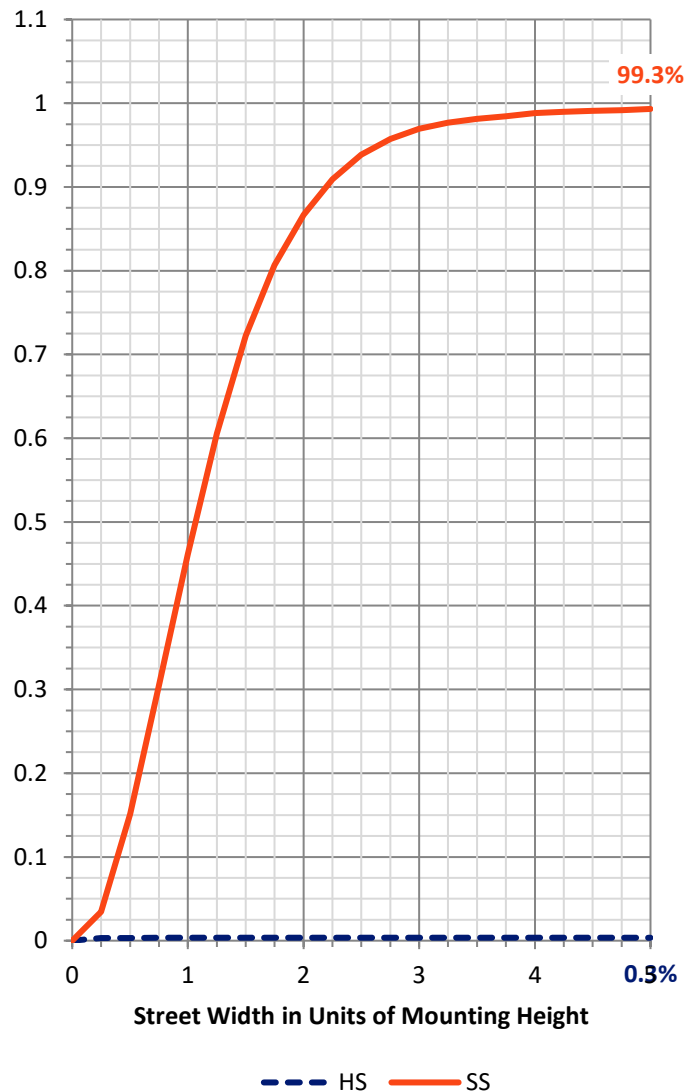
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.9	0.0	21.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6154.2	0.0	6154.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	6176.2	0.0	6176.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.7	0.1
10°-20°	68.3	1.1
20°-30°	245.3	4.0
30°-40°	570.0	9.2
40°-50°	971.5	15.7
50°-60°	1600.7	25.9
60°-70°	1850.8	30.0
70°-80°	795.2	12.9
80°-90°	68.7	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°	6176.2	100.0
0°-180°	6176.2	100.0



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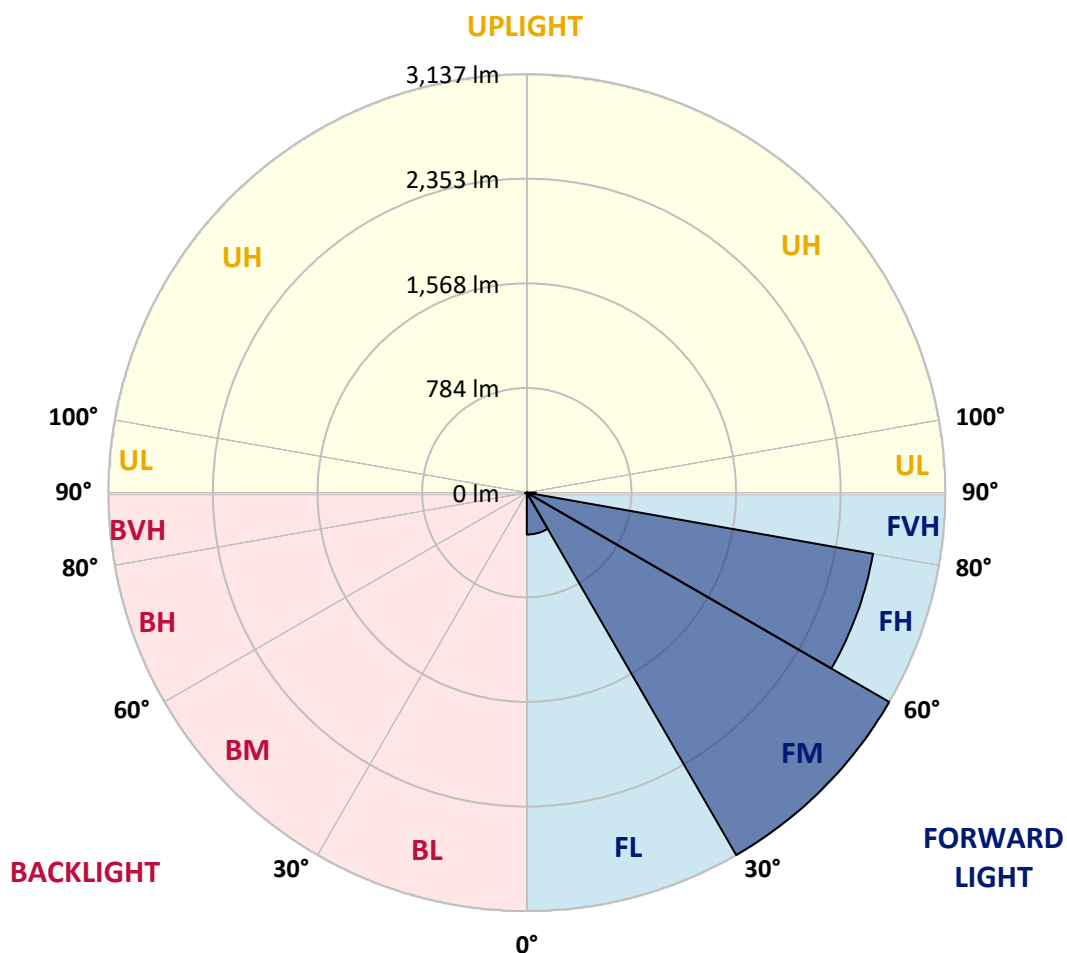
CATALOG NUMBER: NAV-SA1D-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	313.9	5.1			
FM	(30°-60°)	3136.9	50.8			
FH	(60°-80°)	2635.7	42.7			G2/5000
FVH	(80°-90°)	67.8	1.1			G1/100
BL	(0°-30°)	5.4	0.1	B0/110		
BM	(30°-60°)	5.3	0.1	B0/220		
BH	(60°-80°)	10.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	50.7	50.7	49.4	47.8	47.3	46.1	46.1	44.9	43.2	41.9	40.3
5°	73.5	73.1	69.8	65.6	60.2	56.9	56.9	52.3	48.2	44.4	41.1
7.5°	160.7	157.0	144.9	125.0	98.8	81.4	80.2	65.2	55.2	47.8	41.5
10°	368.8	355.9	338.9	291.1	215.1	150.3	147.4	95.1	66.0	51.5	42.4
12.5°	604.2	614.6	580.6	505.4	416.5	309.8	289.0	160.3	87.2	56.5	43.2
15°	818.5	816.0	796.9	735.5	632.9	490.9	478.0	278.7	125.0	64.4	44.0
17.5°	978.8	975.9	957.6	918.2	839.3	697.3	686.1	444.4	196.0	75.6	44.9
20°	1147.8	1144.1	1118.4	1086.8	1017.9	897.0	883.7	629.6	306.9	93.9	44.9
22.5°	1350.5	1343.4	1316.0	1262.5	1189.8	1084.7	1072.7	818.9	444.4	123.8	46.9
25°	1595.5	1583.5	1545.7	1497.5	1409.9	1270.4	1257.5	1029.9	610.1	169.0	49.0
27.5°	1875.0	1877.1	1826.0	1744.6	1627.1	1484.6	1460.6	1218.9	781.6	233.8	51.5
30°	2206.8	2186.1	2114.2	2019.5	1905.3	1723.9	1700.6	1407.0	974.3	329.3	55.6
32.5°	2517.5	2495.0	2398.3	2279.1	2156.6	1965.1	1946.0	1618.4	1149.5	442.3	63.1
35°	2784.1	2768.3	2632.9	2487.6	2378.8	2207.7	2201.8	1854.3	1355.5	564.0	71.4
37.5°	3018.7	2990.1	2816.1	2665.3	2554.8	2401.6	2389.1	2070.2	1554.0	705.2	83.9
40°	3218.9	3203.1	2990.9	2792.8	2703.1	2566.1	2550.3	2259.6	1759.2	869.2	99.3
42.5°	3433.2	3412.4	3206.4	2984.2	2819.0	2672.4	2662.0	2415.7	1941.9	1049.4	122.1
45°	3675.3	3636.7	3456.0	3256.7	3005.4	2782.4	2770.8	2554.8	2129.2	1243.0	149.9
47.5°	3934.0	3900.4	3754.2	3614.2	3325.2	2963.9	2939.0	2673.2	2315.2	1466.4	185.2
50°	4197.3	4198.1	4088.5	4021.2	3716.0	3258.7	3223.4	2847.2	2510.8	1705.6	237.5
52.5°	4503.8	4511.7	4510.0	4460.2	4223.5	3740.9	3693.6	3111.3	2738.0	1984.7	309.8
55°	4632.1	4646.2	4738.0	4848.5	4784.1	4352.2	4301.5	3566.9	3039.1	2295.7	416.9
57.5°	4527.0	4542.8	4669.5	4863.0	5010.8	4887.5	4881.7	4159.9	3435.7	2672.8	592.2
59°	4402.0	4400.0	4529.9	4735.1	4934.4	5014.6	5022.9	4561.1	3781.2	2937.3	743.4
60°	4319.0	4320.6	4407.0	4617.6	4829.4	4968.5	5000.9	4797.4	3983.0	3127.5	872.9
62.5°	3998.4	4017.5	4086.0	4281.6	4482.6	4637.9	4693.1	5007.9	4560.7	3576.9	1323.5
65°	3649.9	3651.2	3748.8	3916.1	4108.8	4218.1	4252.9	4680.3	4946.5	4034.5	1914.5
67.5°	3028.3	3053.6	3164.5	3435.7	3690.2	3828.5	3855.1	4074.0	4786.6	4332.7	2210.6
70°	2119.2	2152.4	2310.7	2662.4	3041.6	3268.7	3267.1	3386.7	4212.7	4199.8	1874.2
72.5°	1058.1	1115.5	1244.6	1621.3	2080.6	2437.3	2512.5	2724.3	3384.2	3488.4	1398.3
75°	467.6	470.9	544.4	734.2	1034.1	1487.1	1554.4	2162.4	2596.4	2424.4	1010.0
77.5°	272.0	274.5	287.8	329.7	419.0	728.8	804.4	1418.2	1834.7	1409.1	658.6
80°	98.8	101.3	100.9	125.0	183.6	287.0	319.8	687.3	1223.8	742.1	345.1
82.5°	60.6	60.6	58.6	59.0	66.9	110.1	120.4	292.8	595.9	365.5	98.8
85°	29.9	31.6	33.6	37.8	44.9	54.4	57.7	83.9	200.6	88.5	23.7
87.5°	17.9	18.3	19.9	24.1	29.9	39.0	41.5	56.9	71.8	59.4	5.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2.5°	39.5	39.0	37.0	35.3	33.6	32.0	30.7	29.5	29.5	29.9	29.5
5°	39.5	37.8	34.5	31.6	29.1	27.0	24.9	23.3	22.8	22.8	23.3
7.5°	39.0	37.0	32.4	28.7	25.3	22.4	20.3	18.3	17.9	18.3	17.9
10°	38.6	36.1	30.7	26.2	21.6	18.7	15.8	13.7	13.7	13.7	14.1
12.5°	38.6	34.9	29.1	23.7	18.7	15.4	12.5	10.4	10.0	10.0	10.0
15°	38.2	34.1	27.4	20.8	15.8	11.6	9.1	7.1	7.1	7.1	7.1
17.5°	37.4	32.8	25.3	18.3	12.5	8.7	6.2	4.2	4.2	5.0	5.0
20°	36.5	31.6	22.8	15.0	10.4	6.6	4.2	2.5	2.5	3.7	4.2
22.5°	37.0	31.6	21.2	13.3	8.3	5.0	3.3	2.1	1.7	2.9	3.7
25°	37.4	30.7	19.1	11.6	6.2	3.7	2.5	0.8	0.4	0.8	1.2
27.5°	37.4	29.9	16.6	9.1	4.6	2.9	1.2	0.0	0.0	0.0	0.0
30°	37.0	28.7	14.5	7.5	3.3	1.7	0.4	0.0	0.0	0.0	0.0
32.5°	36.5	27.4	13.3	5.8	2.9	0.8	0.0	0.0	0.0	0.0	0.0
35°	37.0	25.7	11.6	4.6	1.7	0.0	0.0	0.0	0.0	0.0	0.8
37.5°	38.2	24.1	10.0	3.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	39.9	22.8	8.3	2.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	43.2	22.8	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	47.3	22.8	6.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	52.7	23.3	5.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	59.4	24.1	5.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	64.4	23.3	4.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	73.1	22.4	4.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	84.7	21.2	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	96.3	19.5	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	109.6	18.7	3.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	181.1	16.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	349.7	15.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	565.2	15.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	594.3	15.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	395.4	12.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	211.8	11.6	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	114.2	10.8	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	50.2	7.9	2.1	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	19.9	5.4	2.5	2.1	1.7	0.8	0.0	0.0	0.0	0.0	0.0
85°	9.6	4.2	3.3	2.9	2.1	1.2	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	4.2	3.7	3.3	2.9	2.1	0.4	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

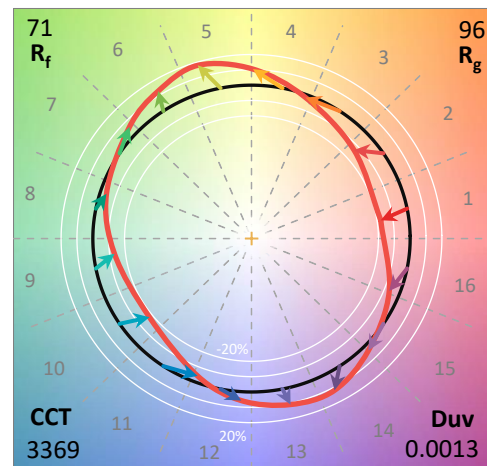
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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	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

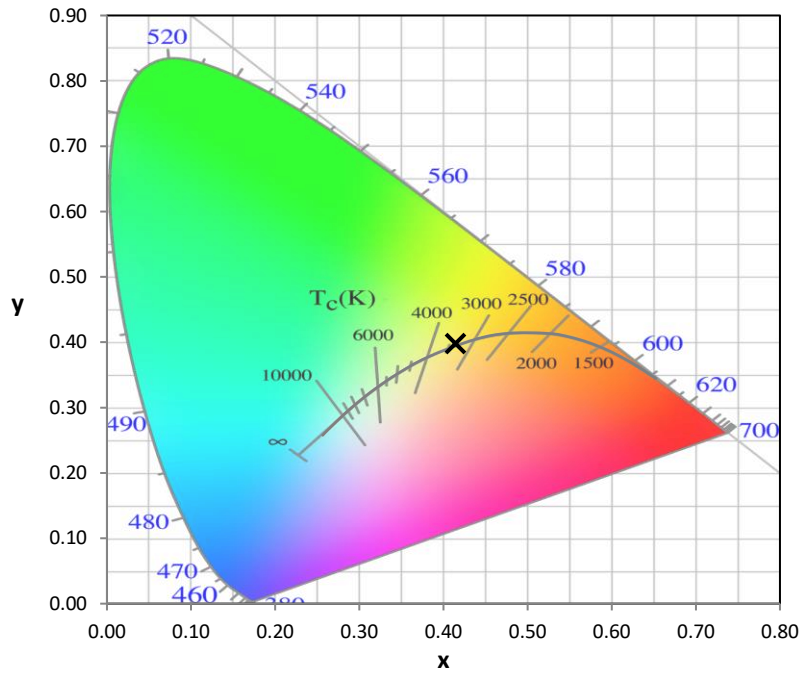
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

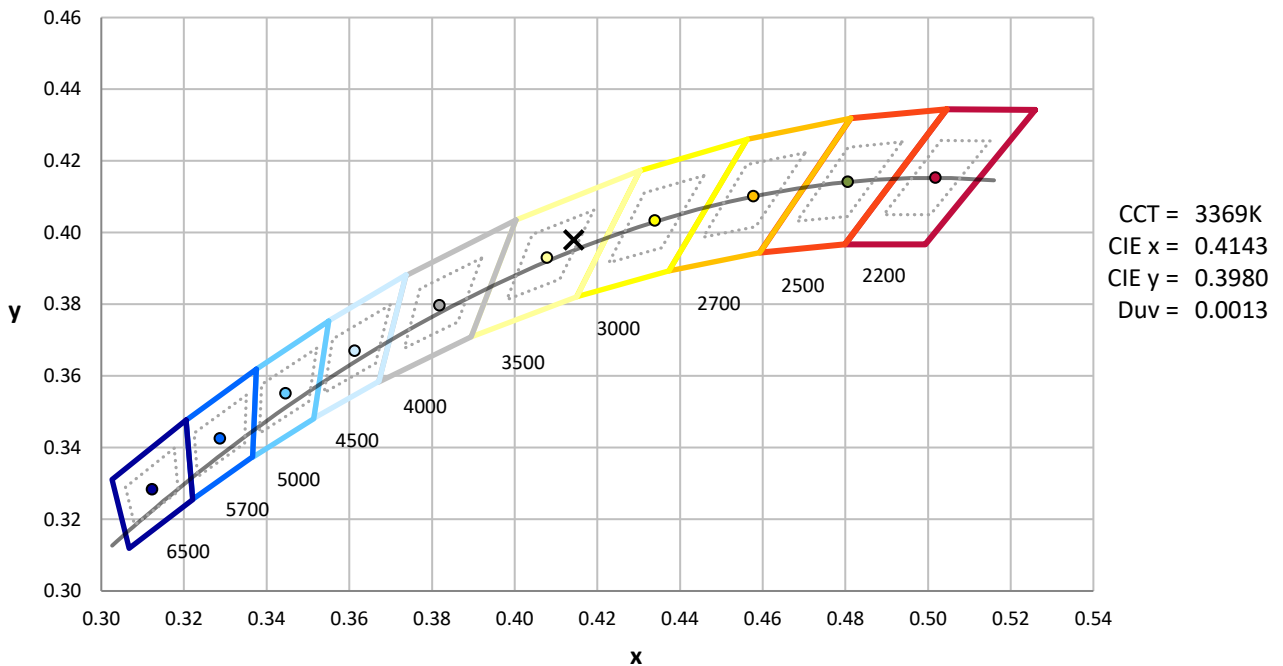
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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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

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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



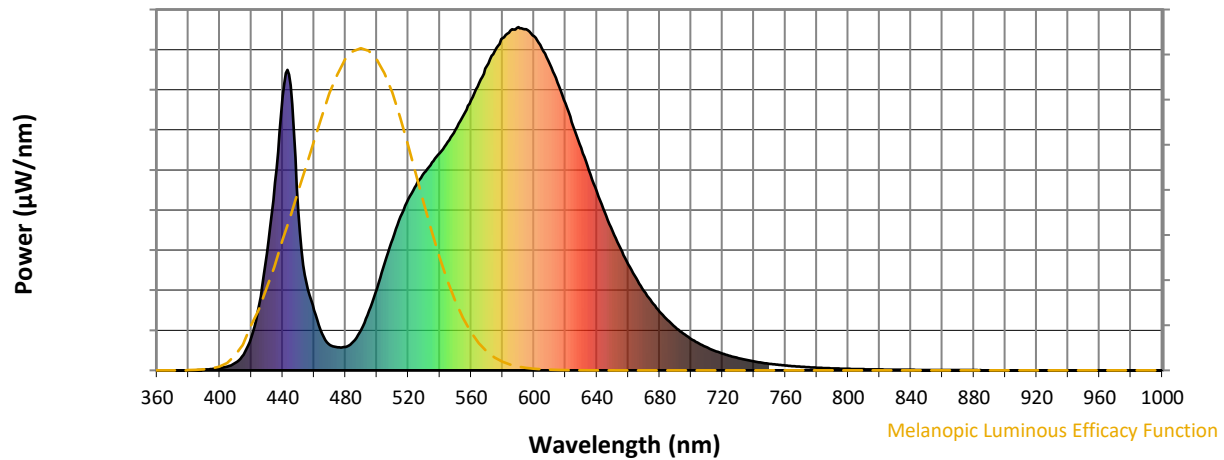
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

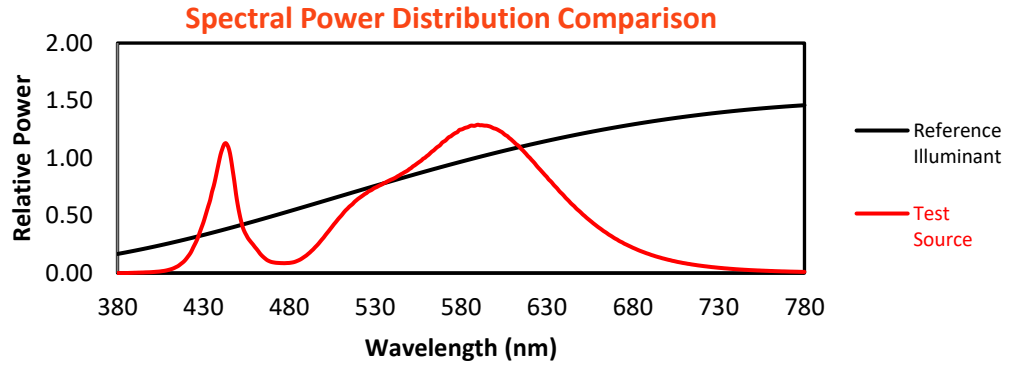
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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

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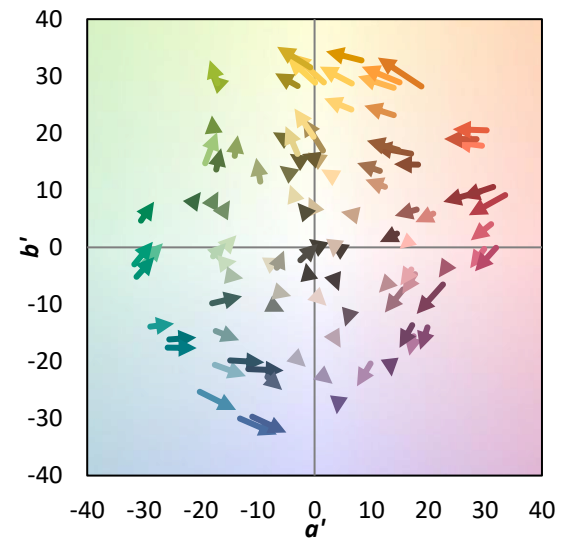
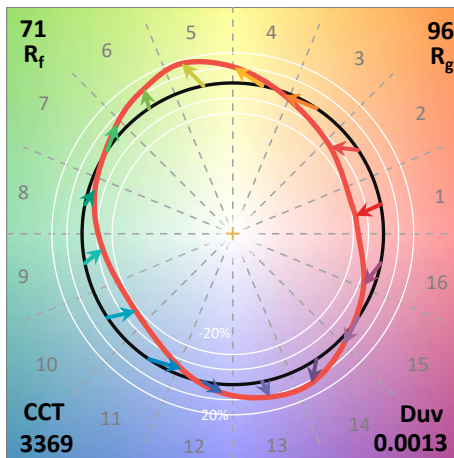
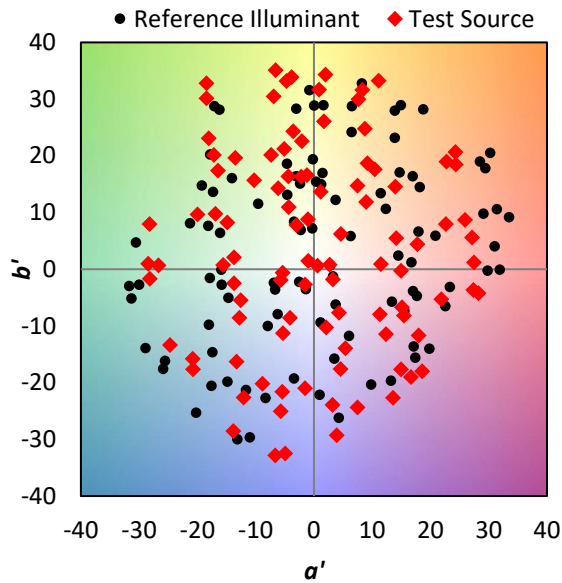
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

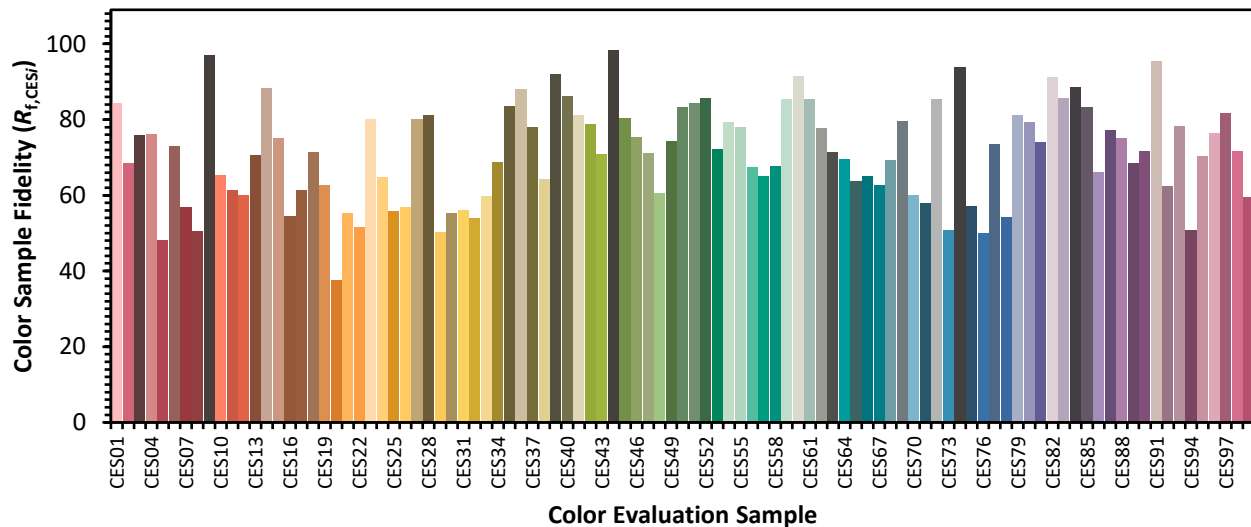


Color Vector Graphics



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

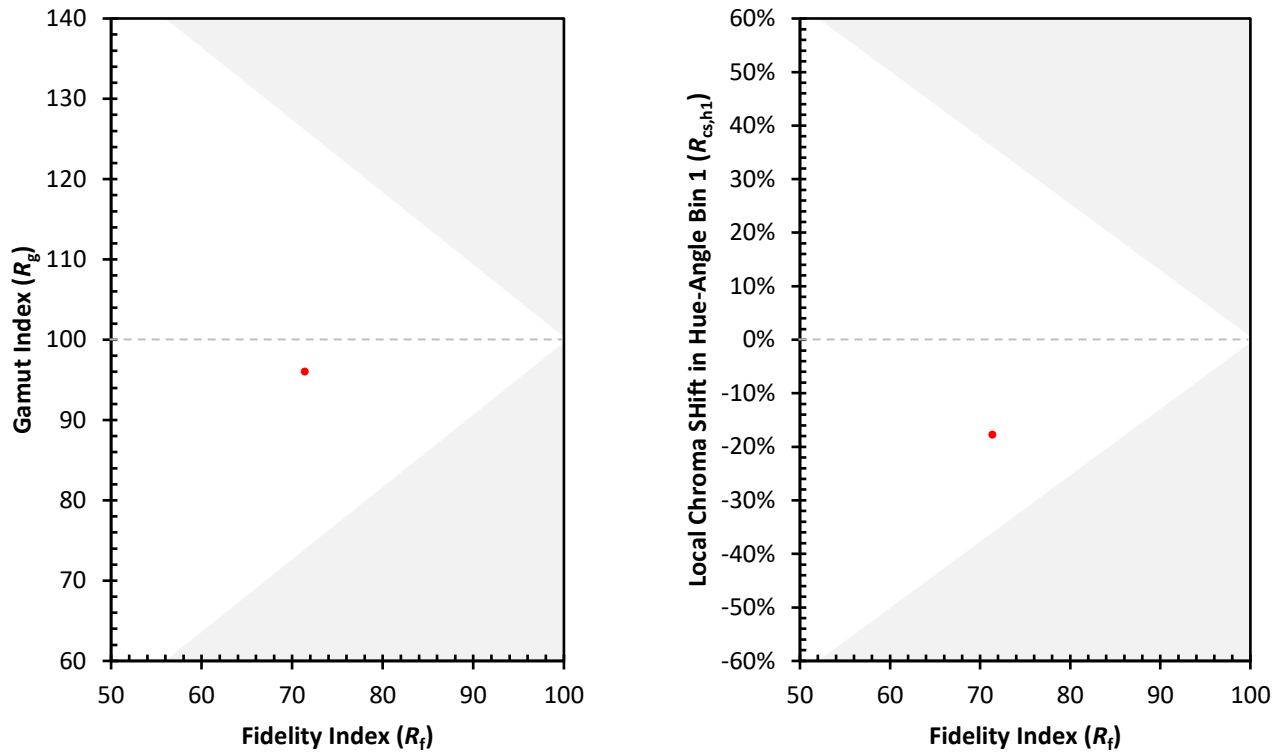
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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