

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: P1067503

Luminaire Tested: **NAV-SA5C-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067503
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5C-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 25629.7 lumens
Efficiency: N/A
Efficacy: 108.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 236
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

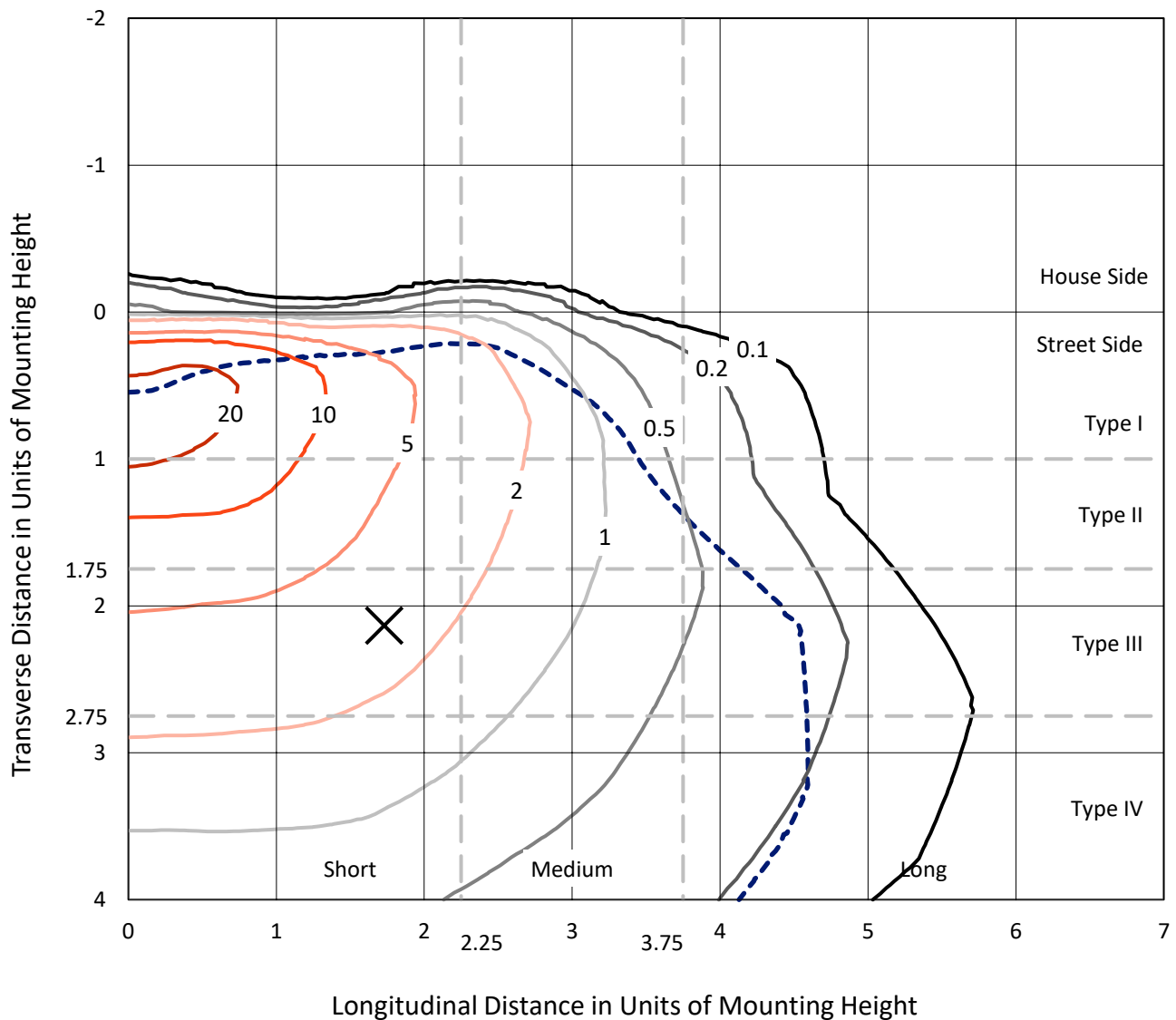


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
--- 1/2 Max cd

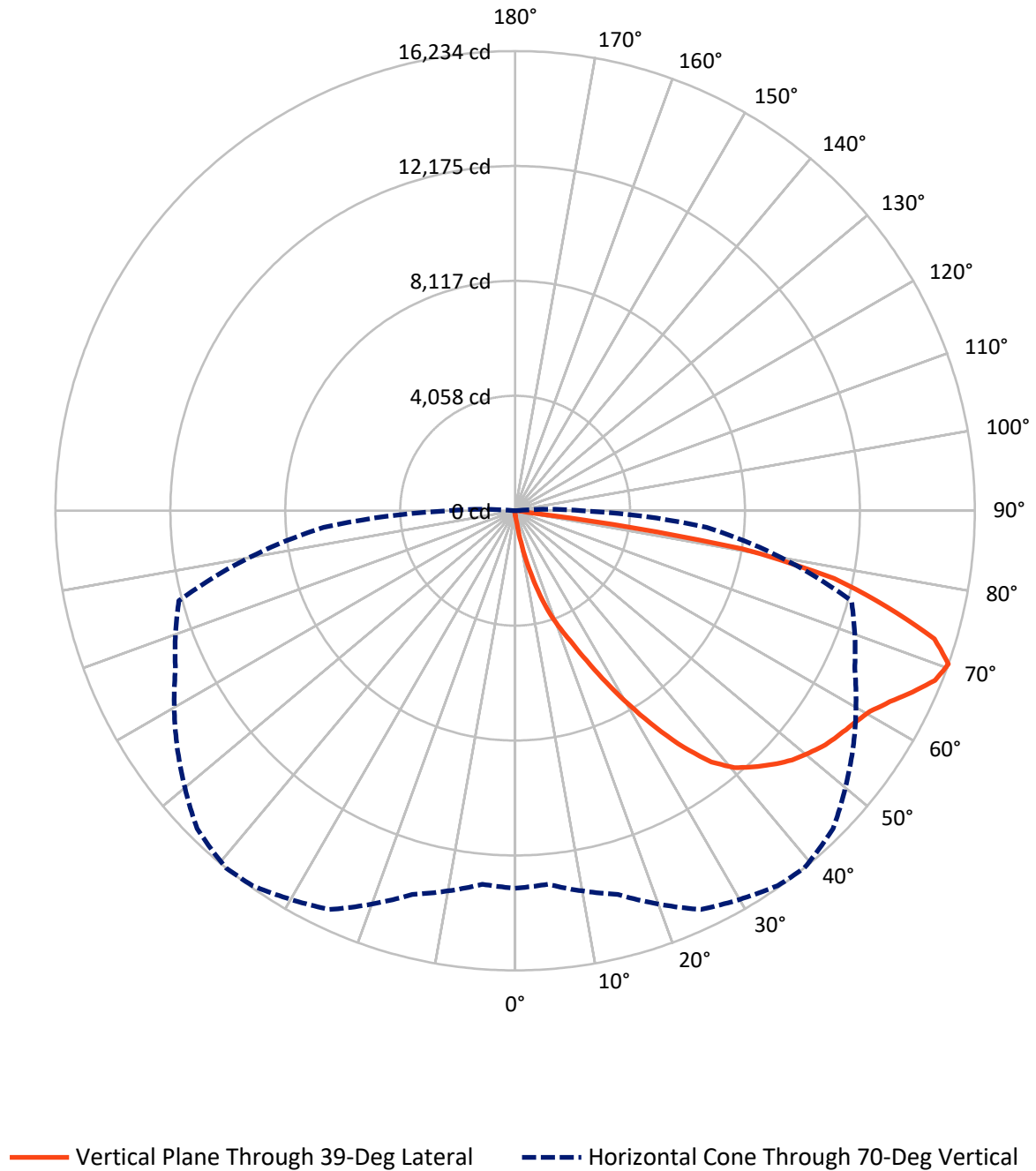


Based on 15 foot mounting height. Maximum calculated value = 27.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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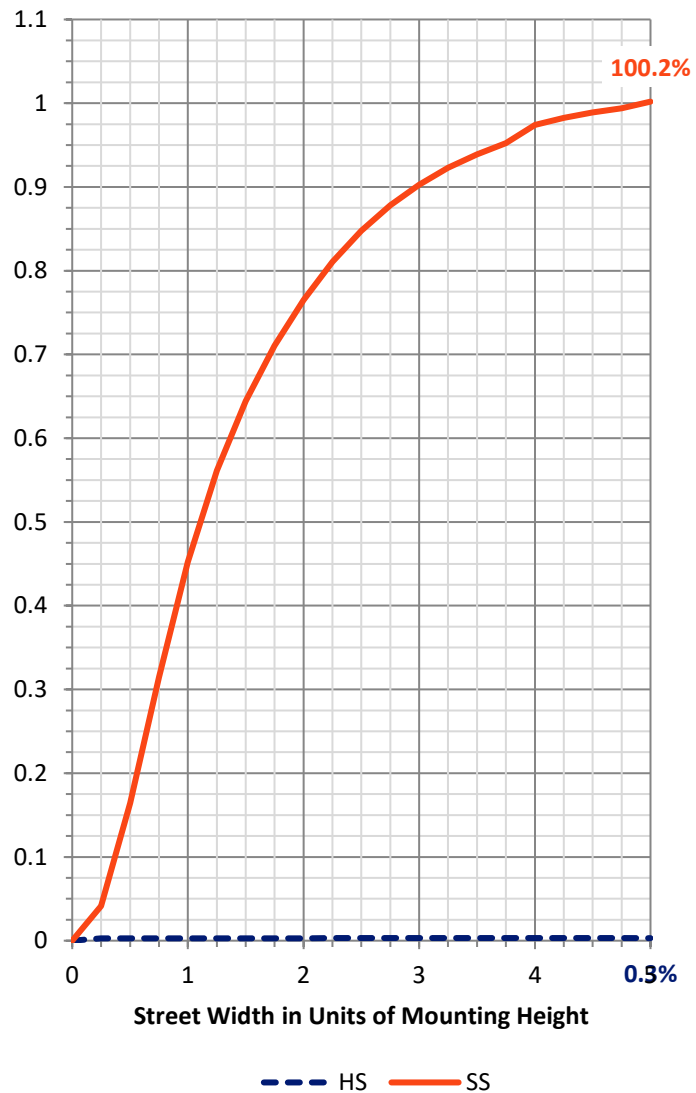
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	78.9	0.0	78.9
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	25550.8	0.0	25550.8
	% Fixture	99.7	0.0	99.7
Total	Lumens	25629.7	0.0	25629.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.0	0.1
10°-20°	315.1	1.2
20°-30°	1069.2	4.2
30°-40°	2512.9	9.8
40°-50°	4080.4	15.9
50°-60°	5170.7	20.2
60°-70°	6568.2	25.6
70°-80°	5336.7	20.8
80°-90°	549.5	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°	25629.7	100.0
0°-180°	25629.7	100.0



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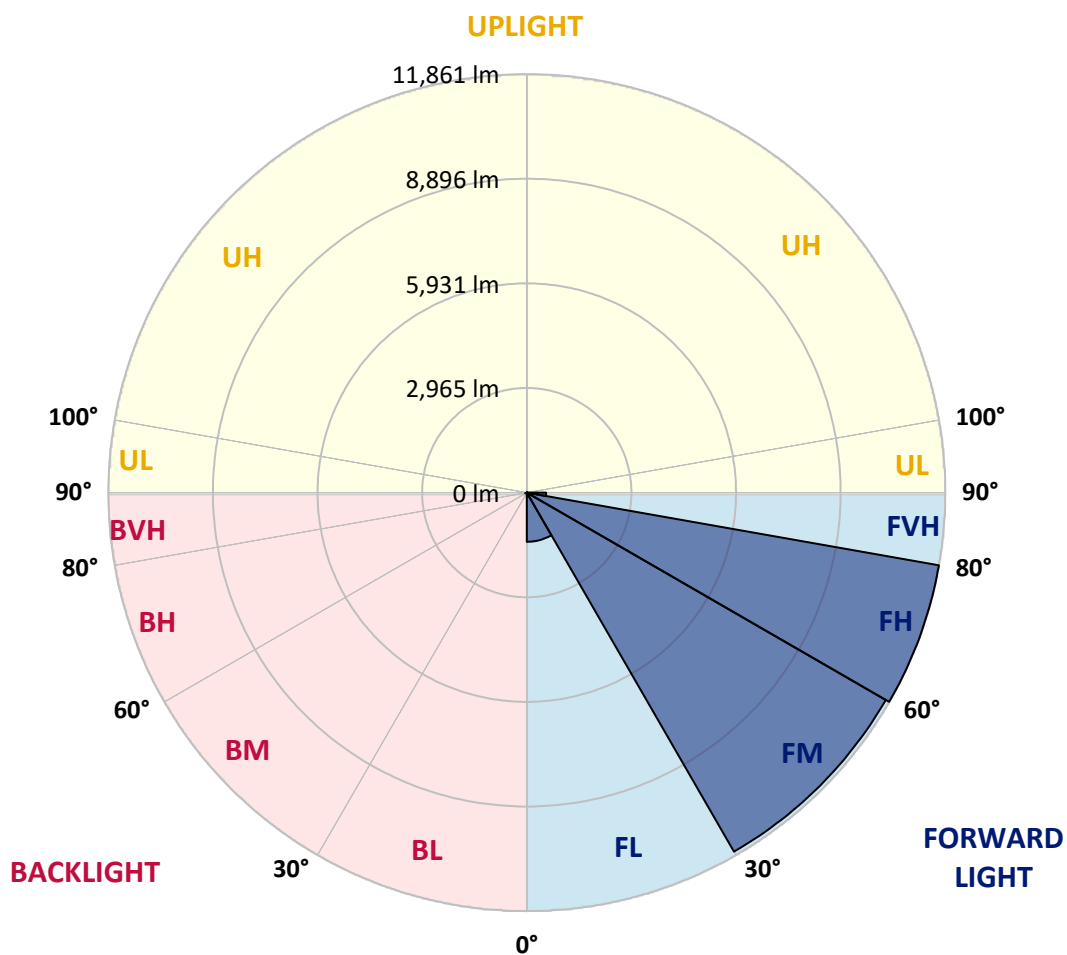
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1394.2	5.4			
FM	(30°-60°)	11748.9	45.8			
FH	(60°-80°)	11861.5	46.3			G4/12000
FVH	(80°-90°)	546.2	2.1			G4/750
BL	(0°-30°)	17.1	0.1	B0/110		
BM	(30°-60°)	15.2	0.1	B0/220		
BH	(60°-80°)	43.4	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2
2.5°	180.9	180.9	180.9	174.0	174.0	167.0	167.0	160.0	153.1	153.1	146.1
5°	341.0	347.9	327.0	285.3	257.5	243.5	229.6	194.8	174.0	160.0	146.1
7.5°	932.4	904.6	862.8	723.7	556.7	473.2	403.6	285.3	208.8	167.0	146.1
10°	1962.3	1885.7	1767.4	1579.6	1252.5	1120.3	869.8	521.9	292.3	187.9	146.1
12.5°	2880.8	2894.7	2748.6	2567.6	2171.0	1948.3	1607.4	981.1	459.3	222.7	146.1
15°	3576.6	3562.7	3507.0	3360.9	3006.0	2790.3	2484.1	1649.1	772.4	278.3	153.1
17.5°	4126.3	4070.7	4049.8	3987.2	3757.5	3639.2	3305.2	2428.5	1224.7	375.8	160.0
20°	4676.0	4662.1	4641.2	4571.7	4418.6	4335.1	4077.6	3214.8	1823.1	535.8	174.0
22.5°	5476.2	5399.7	5413.6	5260.5	5135.3	4989.2	4780.4	4049.8	2512.0	765.4	194.8
25°	6415.6	6408.7	6297.3	6227.8	6019.0	5859.0	5580.6	4857.0	3277.4	1106.4	215.7
27.5°	7522.0	7445.5	7396.8	7278.5	7062.8	6881.8	6499.1	5657.2	4105.4	1489.1	243.5
30°	8677.1	8677.1	8586.6	8405.7	8197.0	7974.3	7584.6	6499.1	4926.5	1976.2	278.3
32.5°	10027.0	10054.9	9832.2	9560.8	9289.4	9136.4	8628.4	7452.4	5712.8	2532.9	320.1
35°	11335.2	11300.4	10931.6	10632.4	10430.6	10263.6	9832.2	8496.2	6603.5	3180.0	375.8
37.5°	12587.7	12497.3	11884.9	11460.5	11370.0	11258.7	10827.2	9539.9	7487.2	3896.7	445.3
40°	13485.3	13346.2	12713.0	12128.5	11996.3	11933.6	11599.6	10486.3	8419.6	4696.9	535.8
42.5°	13875.0	13715.0	13276.6	12803.4	12511.2	12365.0	12072.8	11258.7	9352.1	5587.6	668.0
45°	13951.6	13826.3	13513.2	13401.8	13005.2	12782.6	12385.9	11808.4	10221.9	6471.3	848.9
47.5°	13673.2	13617.6	13429.7	13666.3	13464.5	13158.3	12678.2	12218.9	10994.2	7542.9	1099.4
50°	12991.3	12949.6	13040.0	13659.3	13798.5	13450.6	12998.3	12539.0	11662.3	8649.3	1454.3
52.5°	12072.8	12065.8	12490.3	13478.4	13944.6	13728.9	13311.4	12859.1	12191.1	9720.9	1955.3
55°	11070.8	11189.1	11933.6	13311.4	14028.1	13930.7	13617.6	13144.4	12664.3	10715.9	2762.5
57.5°	10987.3	10938.6	11655.3	13241.8	14076.8	14132.5	13923.7	13443.6	13067.8	11530.0	3841.0
60°	11822.3	11711.0	11982.3	13387.9	14292.5	14389.9	14229.9	13673.2	13471.4	12170.2	5260.5
62.5°	12789.5	12685.1	12824.3	13951.6	14717.0	14856.2	14654.4	13909.8	13798.5	12615.6	6784.4
65°	13561.9	13478.4	13742.8	14793.5	15308.4	15426.7	15287.6	14348.2	13944.6	12977.4	8023.0
67.5°	13687.1	13582.8	14132.5	15357.2	15906.9	15990.4	15879.0	14772.7	13895.9	13005.2	8308.3
70°	13332.3	13241.8	14028.1	15538.1	16164.3	16233.9	15879.0	14570.9	13234.8	12295.5	6791.4
72.5°	12239.8	12309.4	13325.3	15099.7	15809.5	15489.4	14737.9	13554.9	12379.0	10423.7	4766.5
75°	10542.0	10618.5	11968.4	13895.9	13951.6	13561.9	13158.3	12469.4	11077.7	6867.9	3305.2
77.5°	7494.2	7222.8	9240.7	11474.4	11272.6	11523.1	11557.9	10375.0	9275.5	3576.6	2212.8
80°	737.6	626.3	1162.1	3291.3	7271.5	8127.4	8461.4	7995.2	6840.1	1600.4	1162.1
82.5°	160.0	160.0	174.0	187.9	292.3	438.4	2011.0	4926.5	4418.6	814.1	375.8
85°	90.5	90.5	111.3	132.2	174.0	194.8	229.6	306.2	1189.9	292.3	69.6
87.5°	69.6	76.5	90.5	111.3	146.1	160.0	194.8	243.5	299.2	271.4	20.9
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°	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2	139.2
2.5°	146.1	139.2	132.2	125.3	118.3	118.3	111.3	111.3	111.3	111.3	111.3
5°	139.2	132.2	125.3	111.3	104.4	97.4	90.5	90.5	90.5	90.5	90.5
7.5°	139.2	132.2	118.3	104.4	90.5	83.5	76.5	69.6	69.6	76.5	76.5
10°	139.2	125.3	104.4	90.5	76.5	69.6	62.6	55.7	55.7	55.7	55.7
12.5°	132.2	118.3	97.4	83.5	69.6	55.7	41.8	34.8	34.8	34.8	34.8
15°	125.3	111.3	90.5	69.6	48.7	34.8	27.8	20.9	20.9	20.9	20.9
17.5°	125.3	104.4	83.5	62.6	34.8	20.9	13.9	7.0	7.0	7.0	13.9
20°	125.3	104.4	76.5	48.7	20.9	13.9	13.9	7.0	0.0	7.0	7.0
22.5°	125.3	97.4	62.6	34.8	20.9	13.9	7.0	0.0	0.0	0.0	0.0
25°	132.2	97.4	55.7	27.8	13.9	7.0	0.0	0.0	0.0	0.0	0.0
27.5°	132.2	90.5	48.7	20.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	139.2	90.5	41.8	13.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	139.2	83.5	27.8	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	139.2	76.5	20.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	139.2	69.6	20.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	146.1	62.6	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	153.1	55.7	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	160.0	48.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	180.9	48.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	208.8	48.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	250.5	48.7	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	327.0	41.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	473.2	41.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	793.3	41.8	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1391.7	41.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2351.9	41.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3068.6	48.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2331.1	41.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1113.3	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	494.0	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	215.7	20.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	83.5	13.9	7.0	7.0	7.0	7.0	0.0	0.0	0.0	0.0	0.0
82.5°	34.8	13.9	7.0	7.0	7.0	7.0	7.0	0.0	0.0	0.0	0.0
85°	20.9	13.9	13.9	13.9	7.0	7.0	7.0	0.0	0.0	0.0	0.0
87.5°	13.9	13.9	13.9	13.9	13.9	7.0	7.0	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

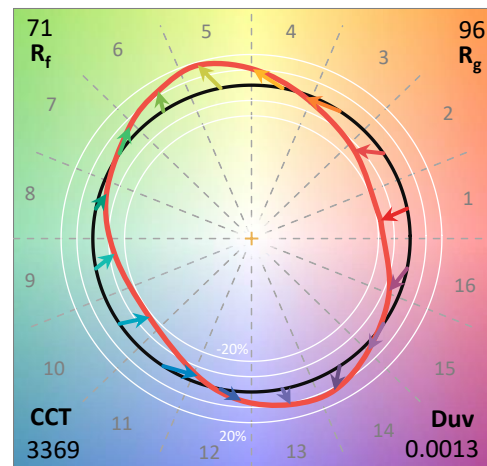
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

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

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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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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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Scotopic Flux vs. Wavelength



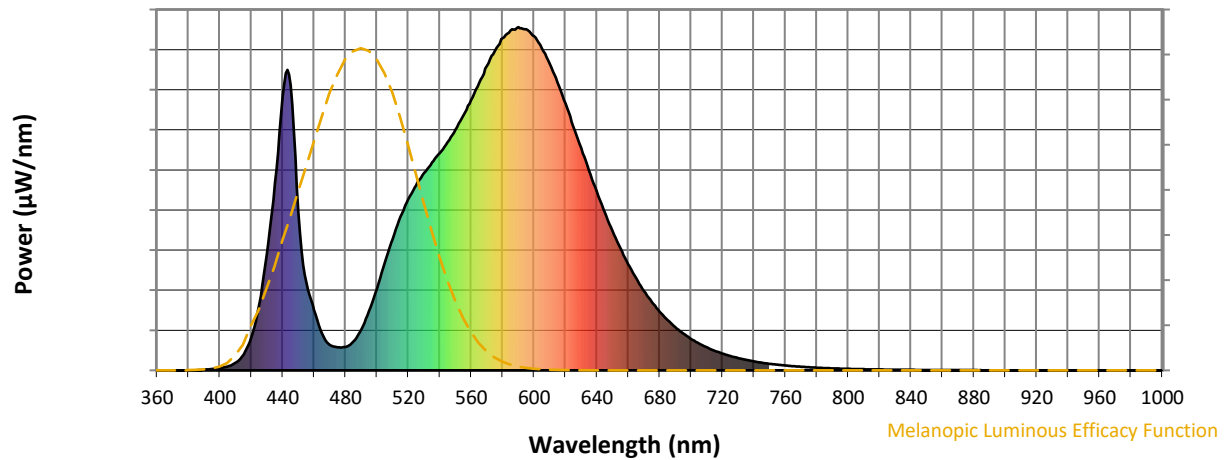
Scotopic Lumens: NR

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

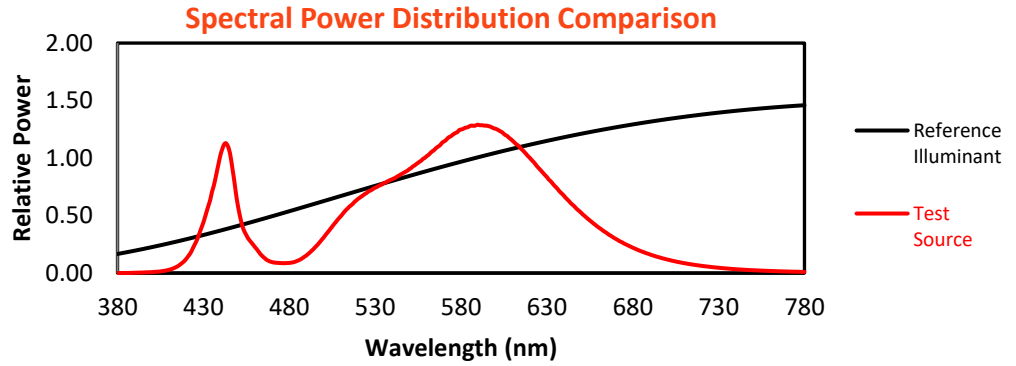
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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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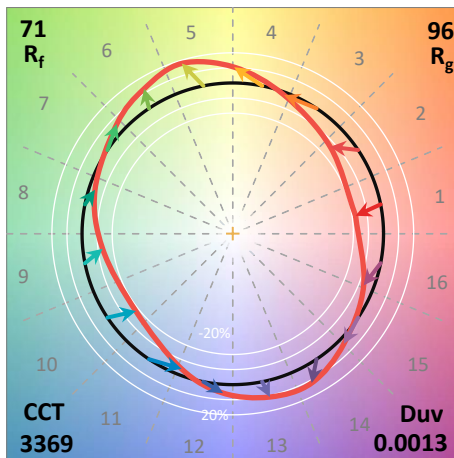
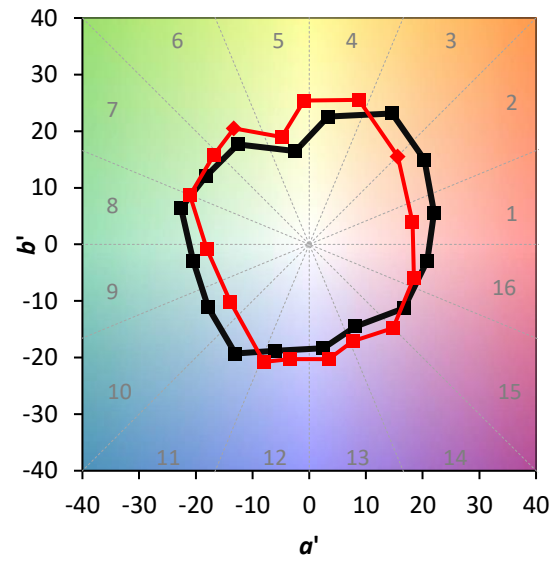
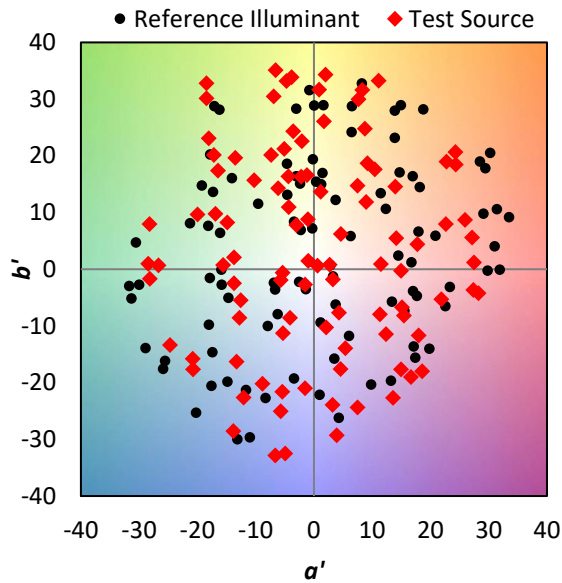
TM-30-18

Summary

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



Color Vector Graphics

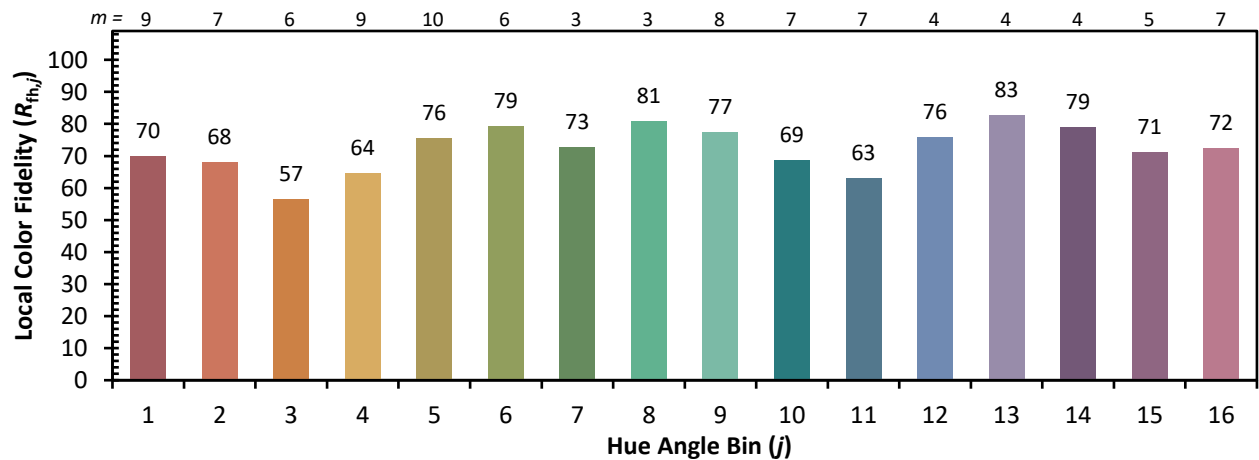
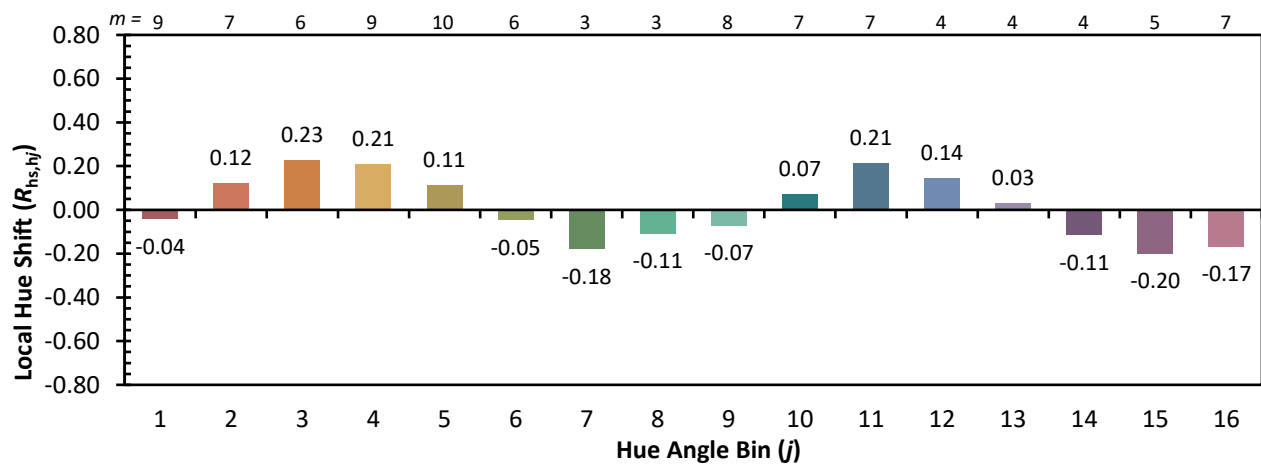
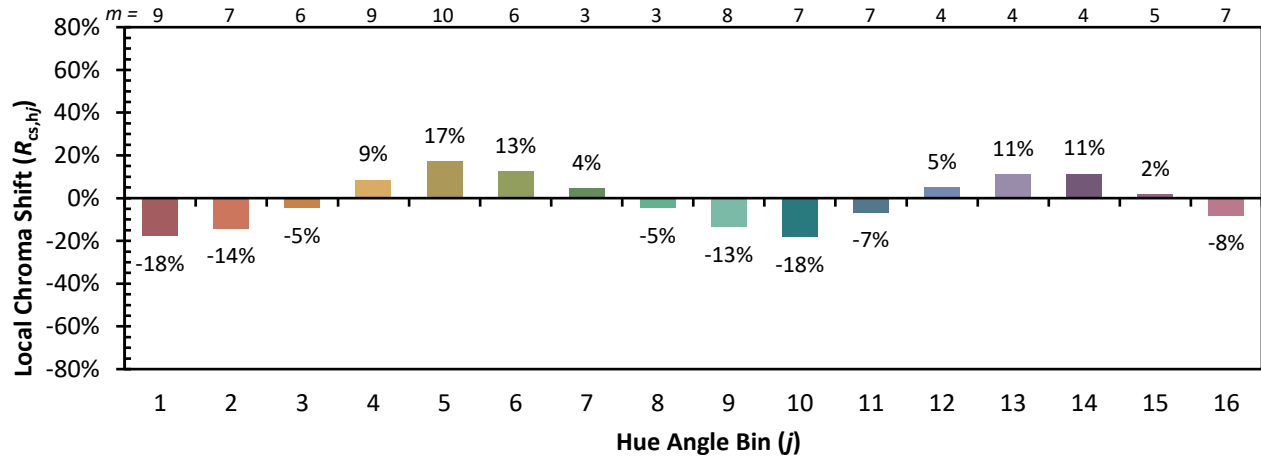


Individual Sample Fidelity Index ($R_{f,i}$)

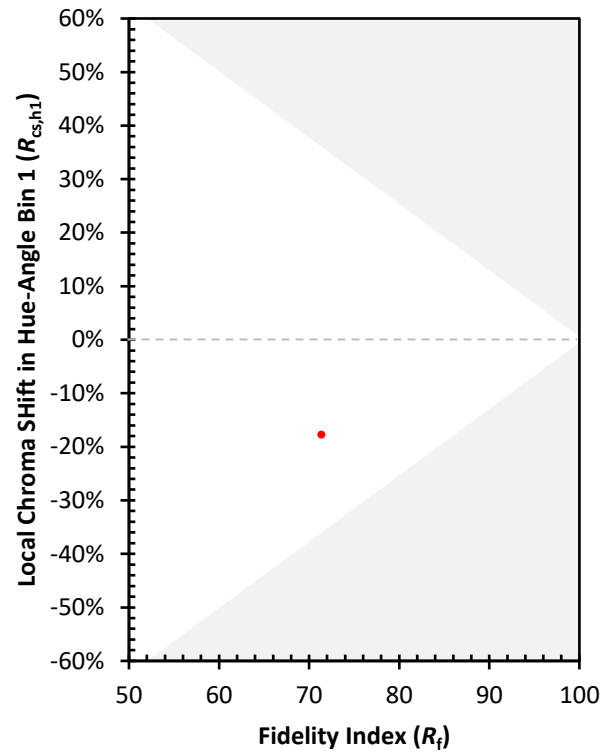
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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