

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: P1067256

Luminaire Tested: **NAV-SA3D-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067256
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3D-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16728 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 160.9
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

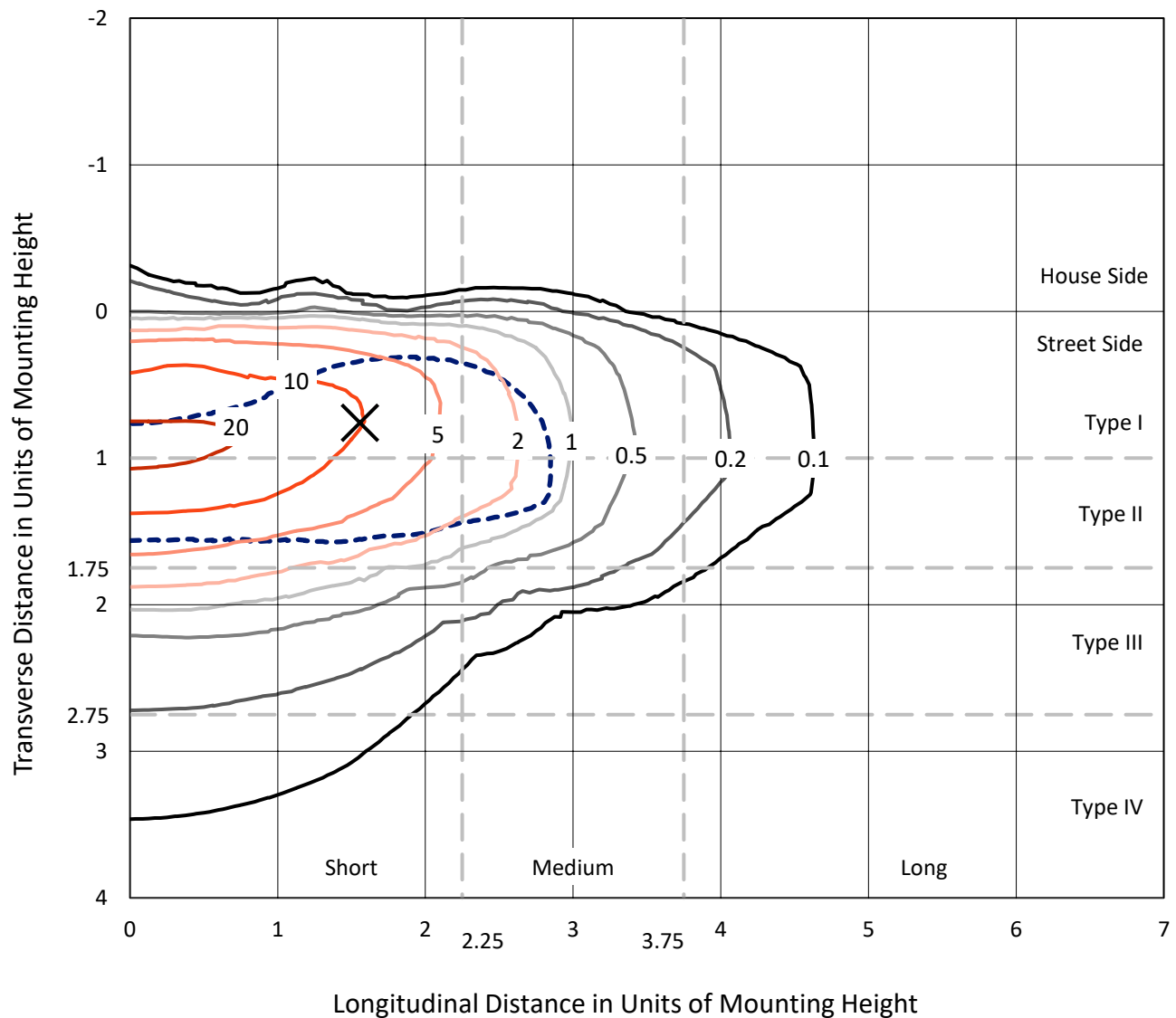


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

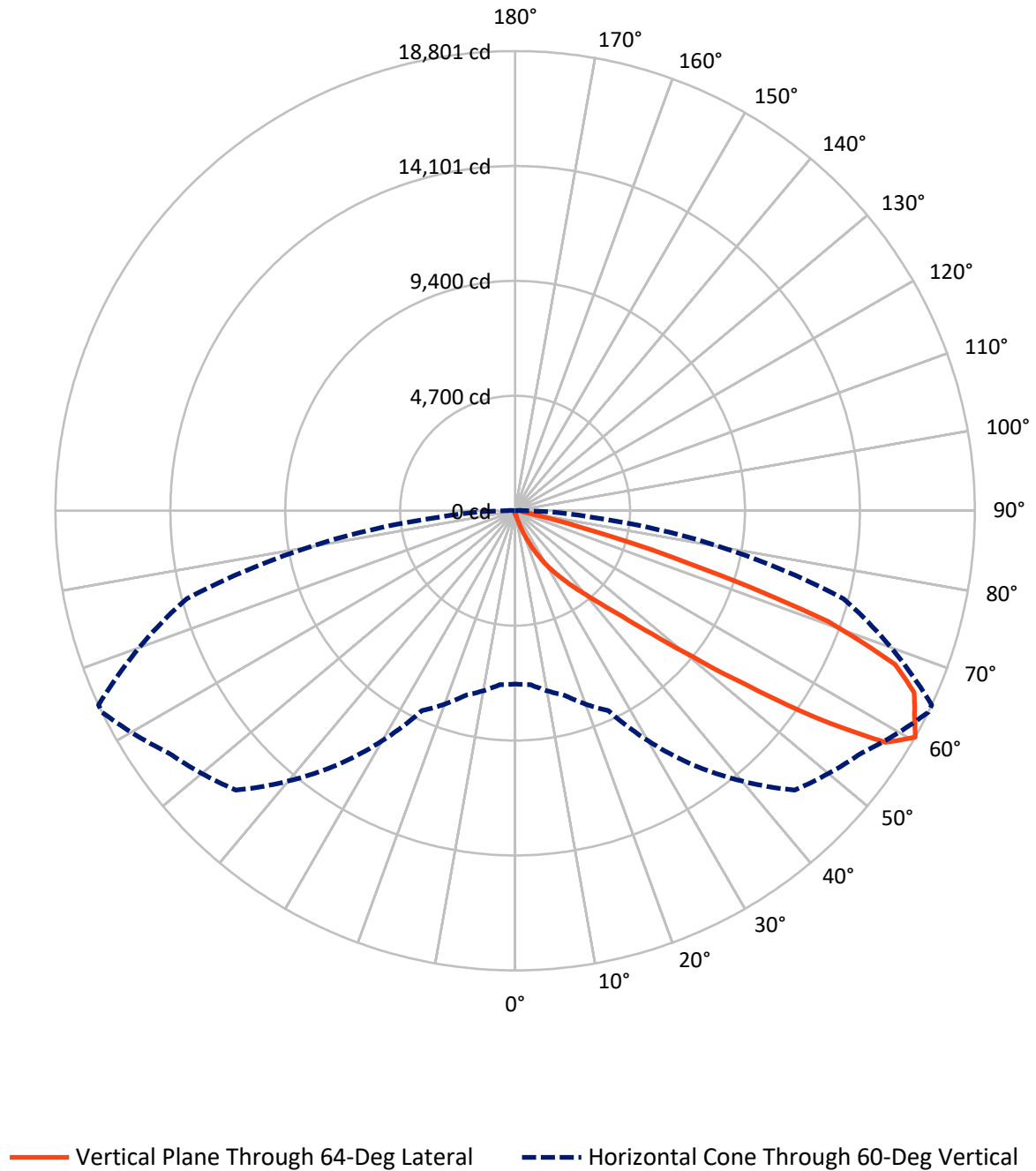


Based on 15 foot mounting height. Maximum calculated value = 24 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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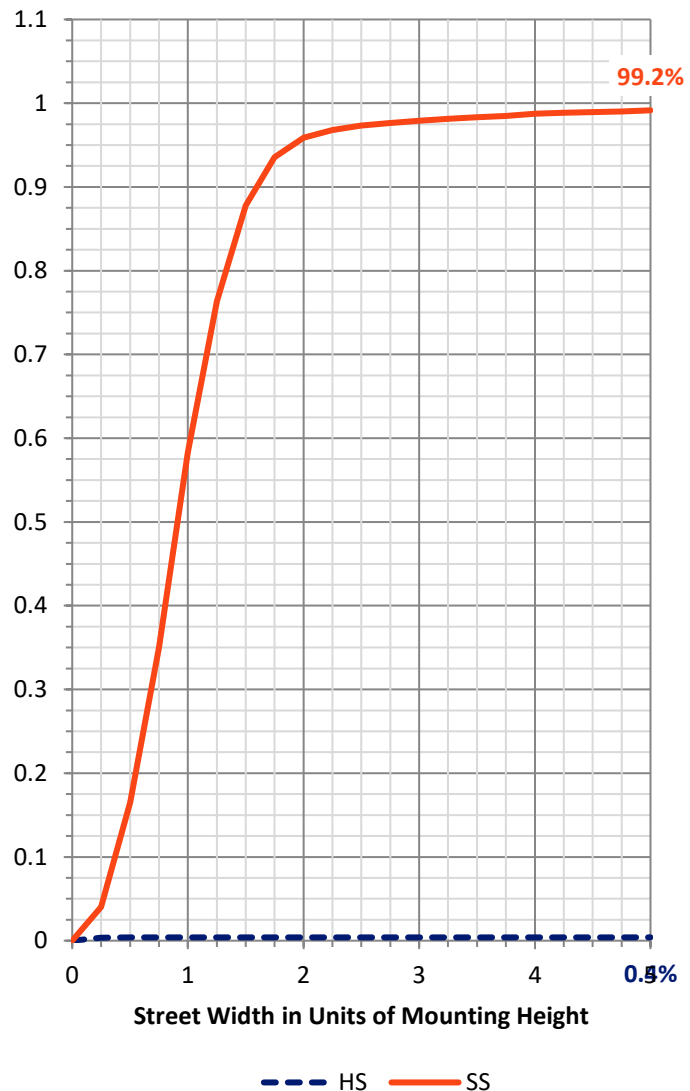
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	67.8	0.0	67.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16660.2	0.0	16660.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	16728.0	0.0	16728.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	0.1
10°-20°	164.4	1.0
20°-30°	546.0	3.3
30°-40°	1456.8	8.7
40°-50°	3702.8	22.1
50°-60°	5397.9	32.3
60°-70°	4169.3	24.9
70°-80°	1145.0	6.8
80°-90°	129.2	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°	16728.0	100.0
0°-180°	16728.0	100.0



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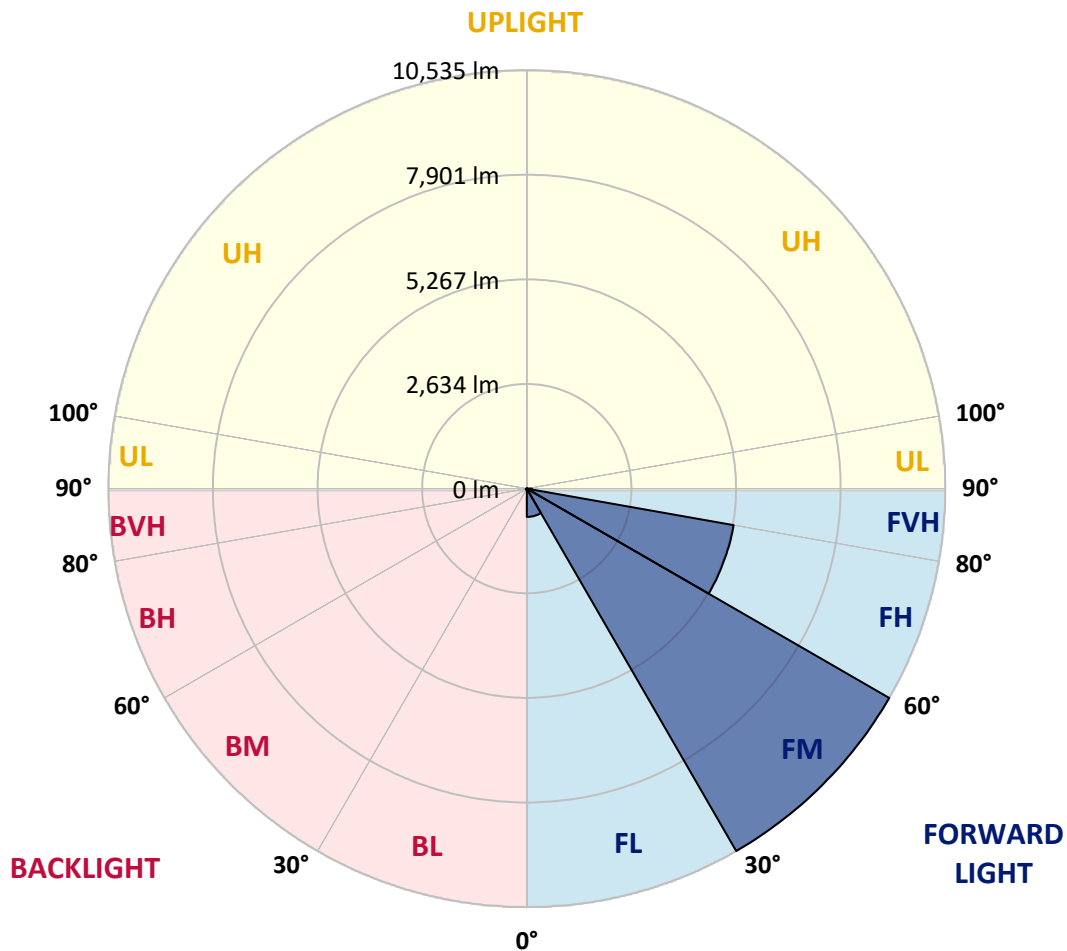
CATALOG NUMBER: NAV-SA3D-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	711.8	4.3			
FM	(30°-60°)	10535.0	63.0			
FH	(60°-80°)	5287.2	31.6			G3/7500
FVH	(80°-90°)	126.2	0.8			G2/225
BL	(0°-30°)	15.2	0.1	B0/110		
BM	(30°-60°)	22.5	0.1	B0/220		
BH	(60°-80°)	27.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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 II Short



REPORT NUMBER: P1067256

CATALOG NUMBER: NAV-SA3D-735-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5
2.5°	147.3	147.3	147.3	142.7	138.1	138.1	133.5	128.9	128.9	119.7	115.1
5°	225.6	225.6	216.4	207.2	193.4	175.0	156.6	142.7	142.7	128.9	119.7
7.5°	442.0	455.9	414.4	363.8	294.7	248.6	198.0	165.8	161.2	138.1	119.7
10°	957.8	948.6	884.1	759.8	598.6	432.8	276.3	202.6	193.4	147.3	119.7
12.5°	1441.2	1455.1	1386.0	1247.9	1054.5	769.0	474.3	262.5	253.3	161.2	119.7
15°	1855.7	1855.7	1809.6	1740.5	1528.7	1229.4	764.4	391.4	359.2	175.0	115.1
17.5°	2141.1	2136.5	2118.1	2099.7	1975.4	1666.9	1169.6	626.2	552.6	207.2	115.1
20°	2463.5	2449.7	2472.7	2435.8	2339.1	2095.1	1597.8	930.1	861.1	262.5	115.1
22.5°	2799.6	2813.4	2831.8	2795.0	2689.1	2477.3	2049.1	1321.5	1247.9	363.8	119.7
25°	3227.8	3218.6	3260.1	3227.8	3094.3	2845.7	2472.7	1749.8	1643.8	506.5	128.9
27.5°	3752.8	3734.3	3762.0	3679.1	3504.1	3250.9	2850.3	2187.2	2062.9	727.5	147.3
30°	4448.1	4461.9	4337.6	4240.9	3992.2	3656.1	3269.3	2656.9	2527.9	990.0	165.8
32.5°	5544.0	5447.3	5253.9	4862.5	4535.6	4107.3	3688.3	3066.7	2951.6	1326.1	193.4
35°	7252.3	7270.7	6847.1	5880.1	5171.0	4673.7	4148.8	3517.9	3435.0	1708.3	230.2
37.5°	9333.6	9282.9	8909.9	7689.7	6101.1	5378.2	4673.7	4010.6	3890.9	2122.7	276.3
40°	11691.1	11479.3	11262.9	10434.1	8039.7	6262.3	5336.8	4581.6	4489.5	2601.6	350.0
42.5°	13579.0	13523.8	13560.6	13215.3	11272.1	7768.0	6216.2	5281.5	5171.0	3195.6	478.9
45°	14509.2	14430.9	14651.9	14909.8	14412.5	10972.8	7634.5	6174.8	6027.4	3895.5	676.9
47.5°	14260.5	14205.3	14679.5	15186.0	15849.1	14688.7	9950.6	7510.1	7256.9	4793.4	971.6
50°	13035.7	13040.3	13818.5	14762.4	15812.3	16572.0	13381.0	9338.2	9020.5	5986.0	1432.0
52.5°	11843.1	11879.9	12704.1	14080.9	15264.3	16793.0	16392.4	11801.6	11285.9	7390.4	1975.4
55°	10618.3	10636.7	11364.2	13302.7	15006.5	16134.6	17939.6	14974.2	14426.3	9140.2	2504.9
57.5°	9439.5	9439.5	9711.1	11433.3	14725.6	16074.7	17755.4	17875.1	17428.5	11138.6	2896.3
60°	7091.1	7137.2	7814.0	9020.5	12699.5	16162.2	17285.7	18800.7	18800.7	13910.6	3195.6
62.5°	3582.4	3651.5	4494.1	5668.3	8711.9	14955.8	17359.4	18335.6	18409.3	16355.6	3877.1
65°	1680.7	1759.0	2210.2	3039.0	4687.5	10526.2	16595.1	17939.6	17916.6	15890.5	5313.7
67.5°	1206.4	1229.4	1381.4	1772.8	2523.3	4613.8	12667.3	16756.2	16765.4	13500.7	6110.3
70°	1082.1	1082.1	1118.9	1234.0	1519.5	2062.9	6156.4	13569.8	14228.3	10424.9	5663.7
72.5°	1068.3	1059.1	1049.9	1054.5	1026.8	1036.0	2113.5	7662.1	8601.4	7293.7	4517.1
75°	1040.6	1040.6	1031.4	999.2	819.6	667.7	727.5	3098.9	3582.4	4871.7	3352.2
77.5°	824.2	907.1	1003.8	943.9	750.6	501.9	423.6	897.9	1132.7	2988.4	2431.2
80°	382.2	386.8	382.2	400.6	478.9	359.2	313.1	437.4	442.0	1657.7	1505.7
82.5°	276.3	280.9	267.1	239.4	211.8	193.4	257.9	322.3	345.3	759.8	561.8
85°	82.9	78.3	92.1	124.3	147.3	170.4	216.4	271.7	285.5	280.9	82.9
87.5°	36.8	36.8	46.0	64.5	87.5	128.9	188.8	248.6	253.3	290.1	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: P1067256

CATALOG NUMBER: NAV-SA3D-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5	110.5
2.5°	115.1	110.5	105.9	101.3	96.7	92.1	87.5	87.5	92.1	92.1	92.1
5°	110.5	105.9	96.7	87.5	82.9	78.3	73.7	73.7	78.3	78.3	78.3
7.5°	110.5	101.3	92.1	82.9	73.7	69.1	64.5	64.5	64.5	69.1	69.1
10°	110.5	101.3	87.5	73.7	64.5	59.9	55.3	50.7	55.3	55.3	55.3
12.5°	105.9	96.7	82.9	69.1	55.3	46.0	41.4	41.4	41.4	41.4	41.4
15°	101.3	92.1	78.3	59.9	46.0	36.8	27.6	27.6	27.6	32.2	32.2
17.5°	96.7	87.5	69.1	46.0	32.2	23.0	18.4	18.4	18.4	23.0	23.0
20°	96.7	82.9	59.9	36.8	23.0	13.8	9.2	9.2	9.2	13.8	18.4
22.5°	96.7	82.9	55.3	27.6	13.8	9.2	4.6	4.6	4.6	4.6	4.6
25°	96.7	78.3	50.7	23.0	9.2	4.6	0.0	0.0	4.6	9.2	13.8
27.5°	96.7	73.7	41.4	13.8	9.2	4.6	0.0	4.6	9.2	9.2	9.2
30°	96.7	73.7	36.8	13.8	4.6	0.0	0.0	4.6	9.2	9.2	13.8
32.5°	101.3	69.1	32.2	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	105.9	64.5	27.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	115.1	64.5	18.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	128.9	69.1	18.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	161.2	73.7	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	225.6	92.1	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	331.5	138.1	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	483.5	188.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	594.0	188.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	589.4	119.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	451.3	82.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	382.2	59.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	460.5	46.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	819.6	41.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1316.9	41.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1473.5	41.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1151.2	36.8	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	630.8	32.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	317.7	23.0	9.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	133.5	18.4	9.2	4.6	4.6	4.6	0.0	0.0	0.0	0.0	0.0
82.5°	46.0	18.4	9.2	9.2	4.6	4.6	0.0	0.0	0.0	0.0	0.0
85°	23.0	13.8	13.8	9.2	9.2	4.6	4.6	0.0	0.0	0.0	0.0
87.5°	13.8	13.8	13.8	9.2	9.2	4.6	4.6	0.0	0.0	0.0	4.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

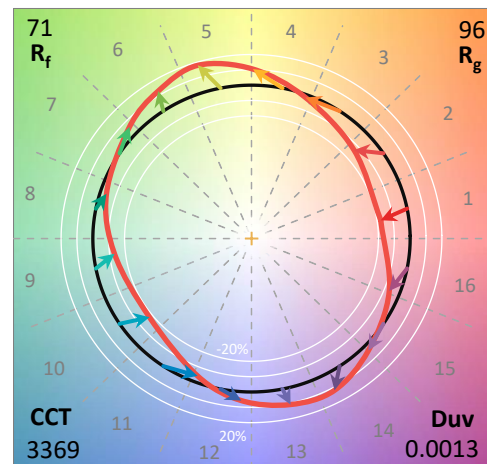
Test Information

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

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



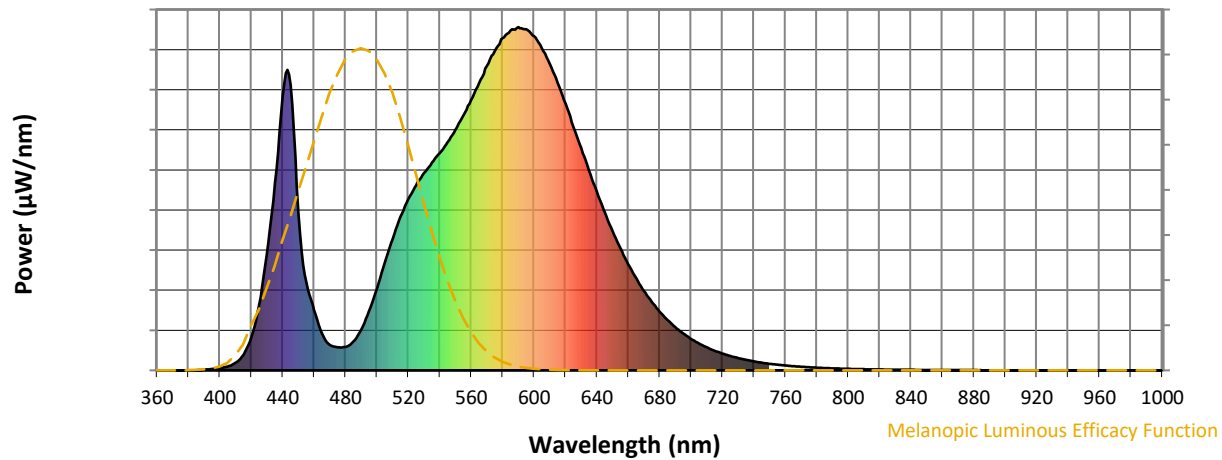
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

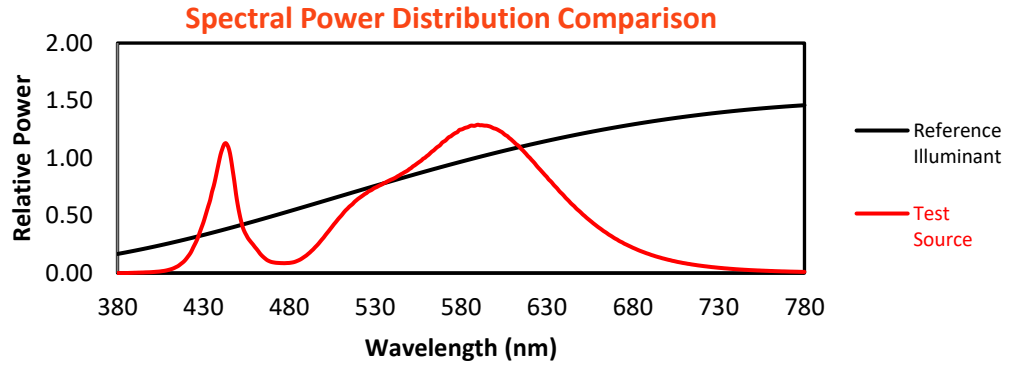
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630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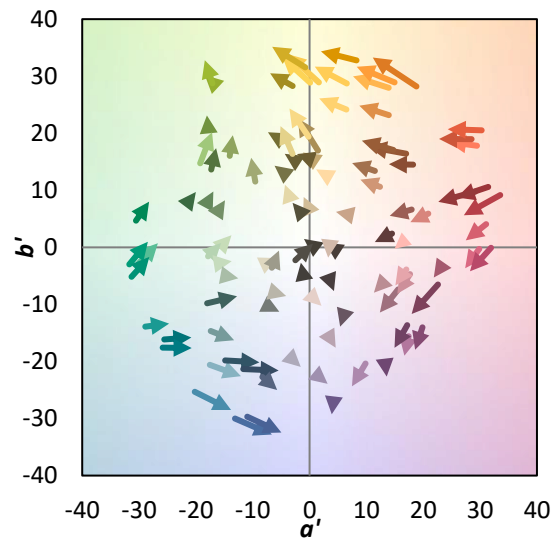
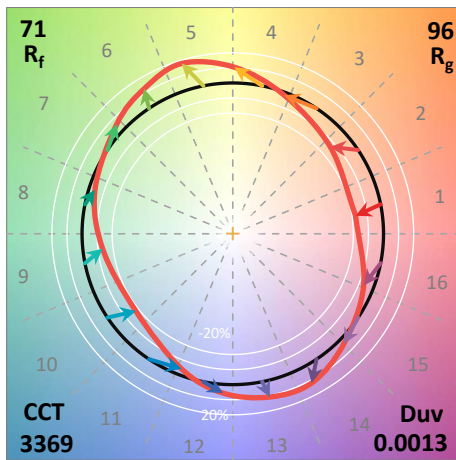
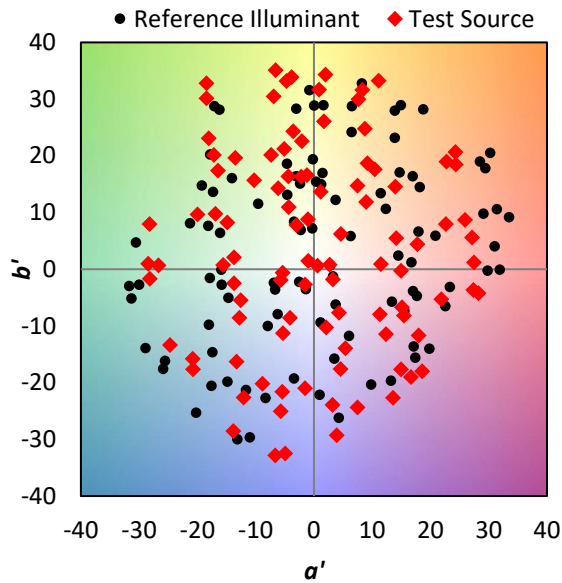
TM-30-18

Summary

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

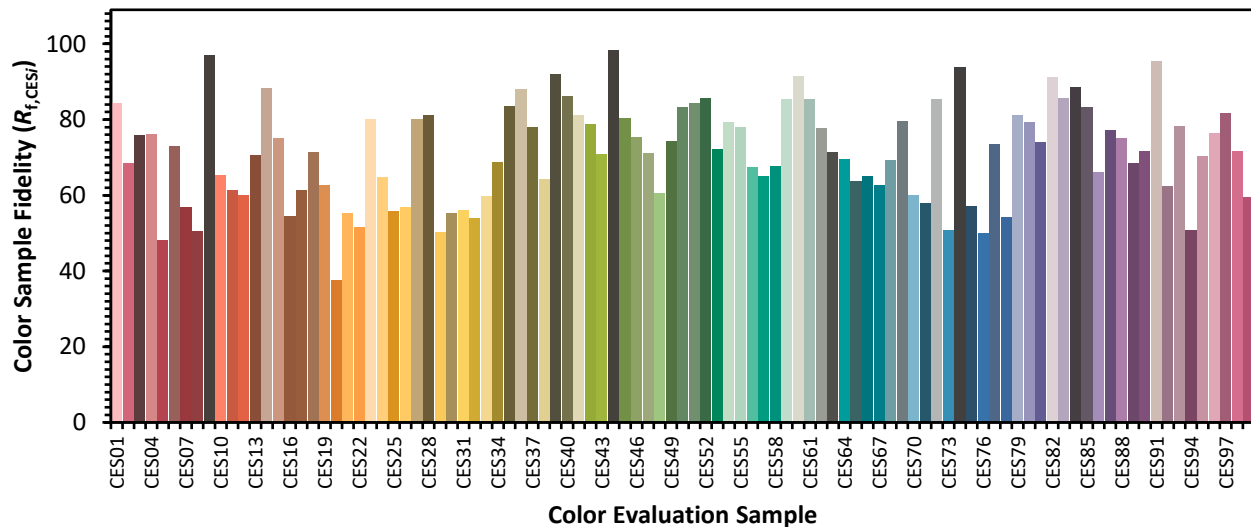


Color Vector Graphics



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

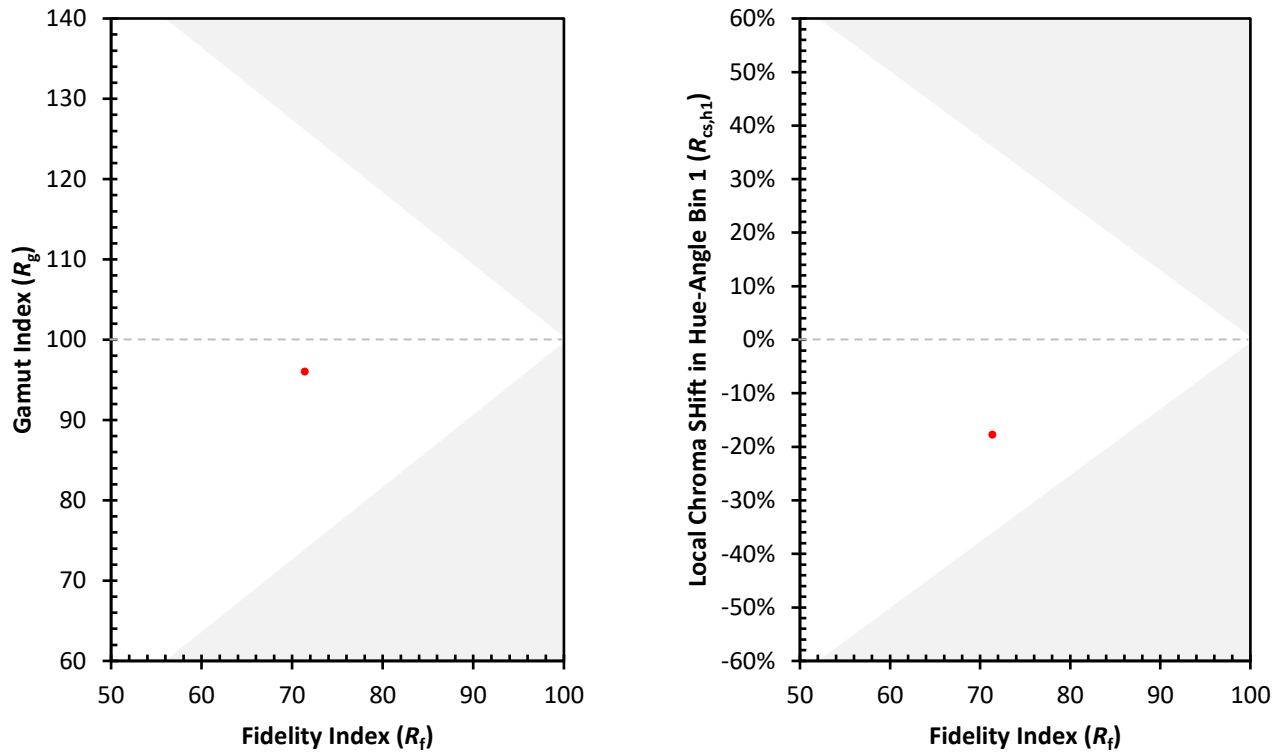
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82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