

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: P1067102

Luminaire Tested: **NAV-SA1B-830-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067102
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1B-830-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3843 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 37.9
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

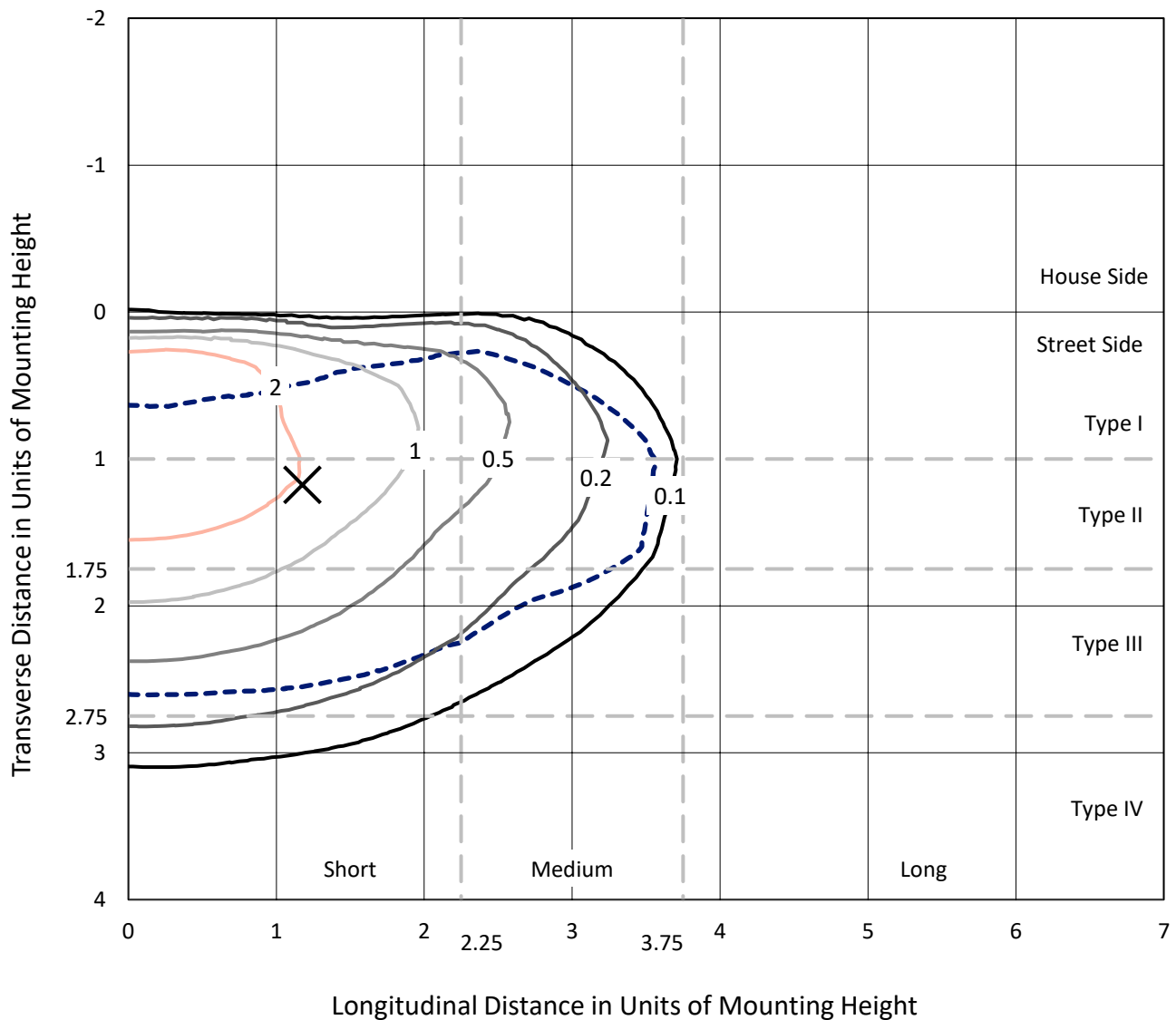


REPORT NUMBER: P1067102

CATALOG NUMBER: NAV-SA1B-830-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

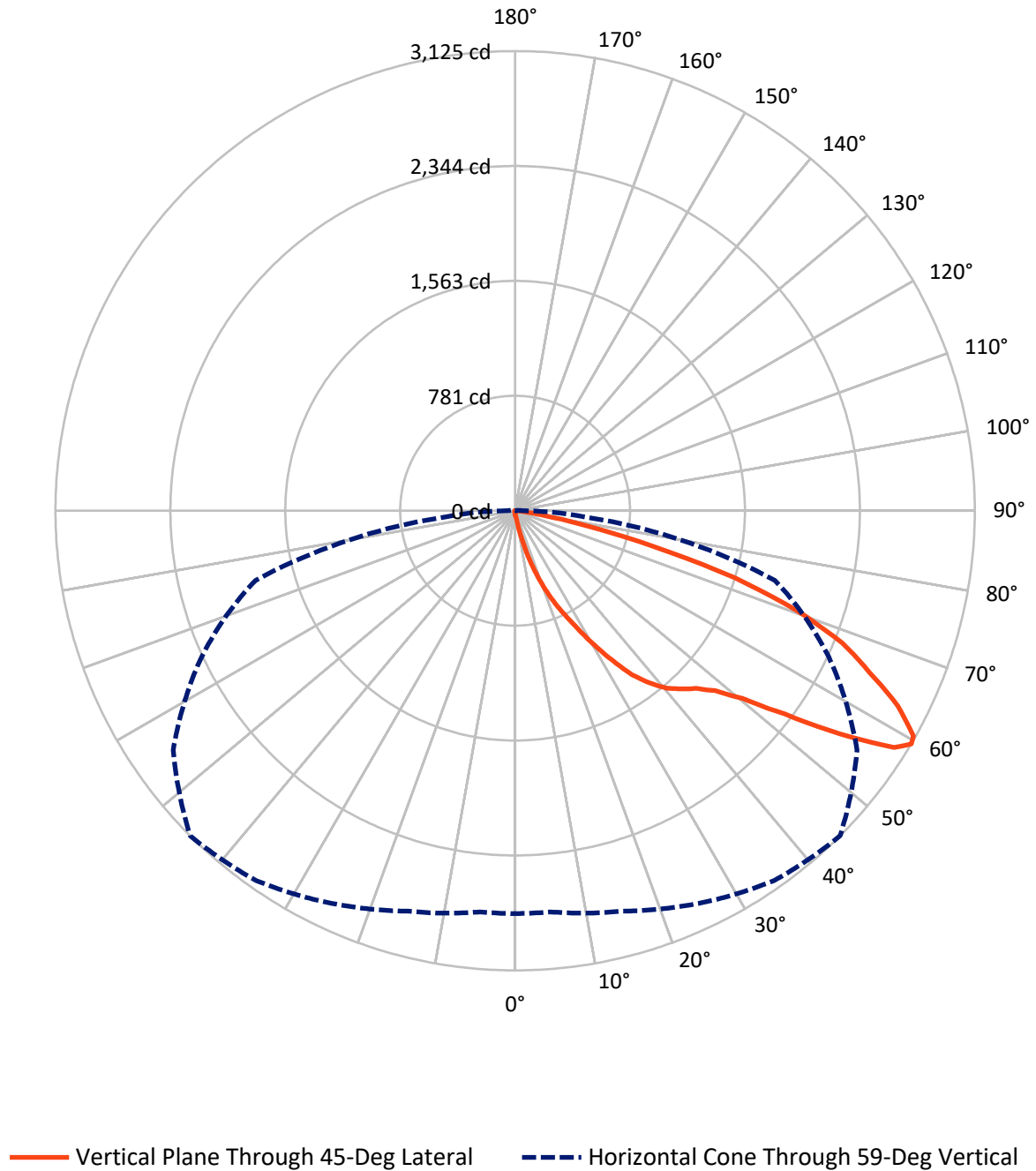


Based on 15 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - N/A

REPORT NUMBER: P1067102

CATALOG NUMBER: NAV-SA1B-830-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067102

CATALOG NUMBER: NAV-SA1B-830-U-T3BC

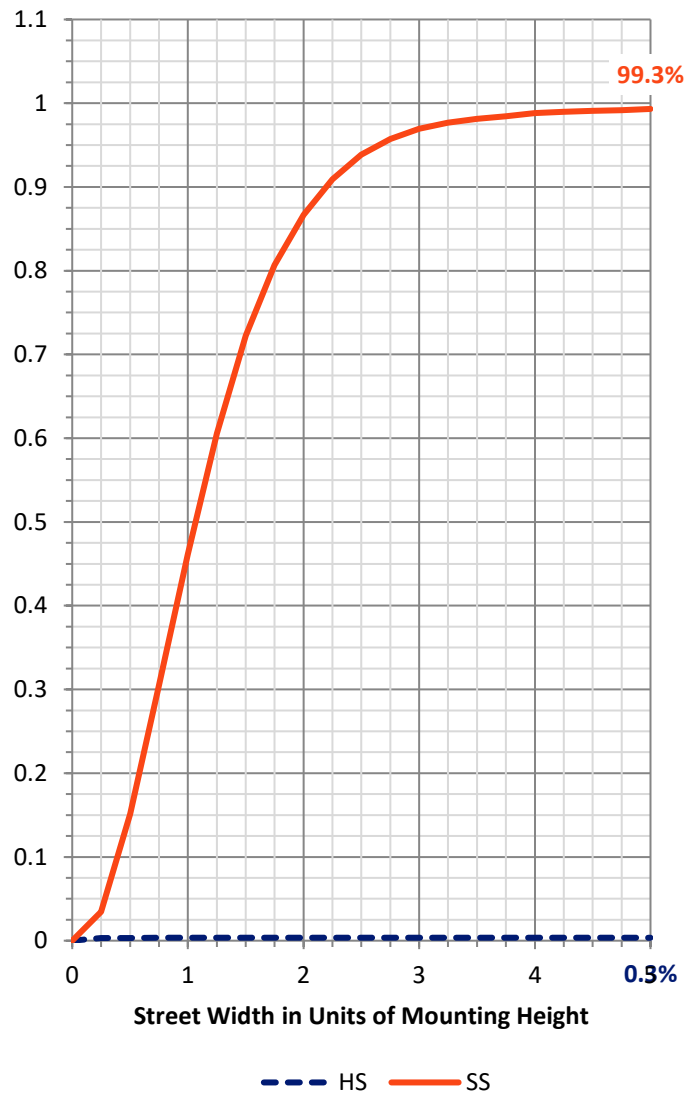
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	13.6	0.0	13.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3829.4	0.0	3829.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	3843.0	0.0	3843.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	42.5	1.1
20°-30°	152.6	4.0
30°-40°	354.7	9.2
40°-50°	604.5	15.7
50°-60°	996.0	25.9
60°-70°	1151.6	30.0
70°-80°	494.8	12.9
80°-90°	42.8	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°	3843.0	100.0
0°-180°	3843.0	100.0



REPORT NUMBER: P1067102

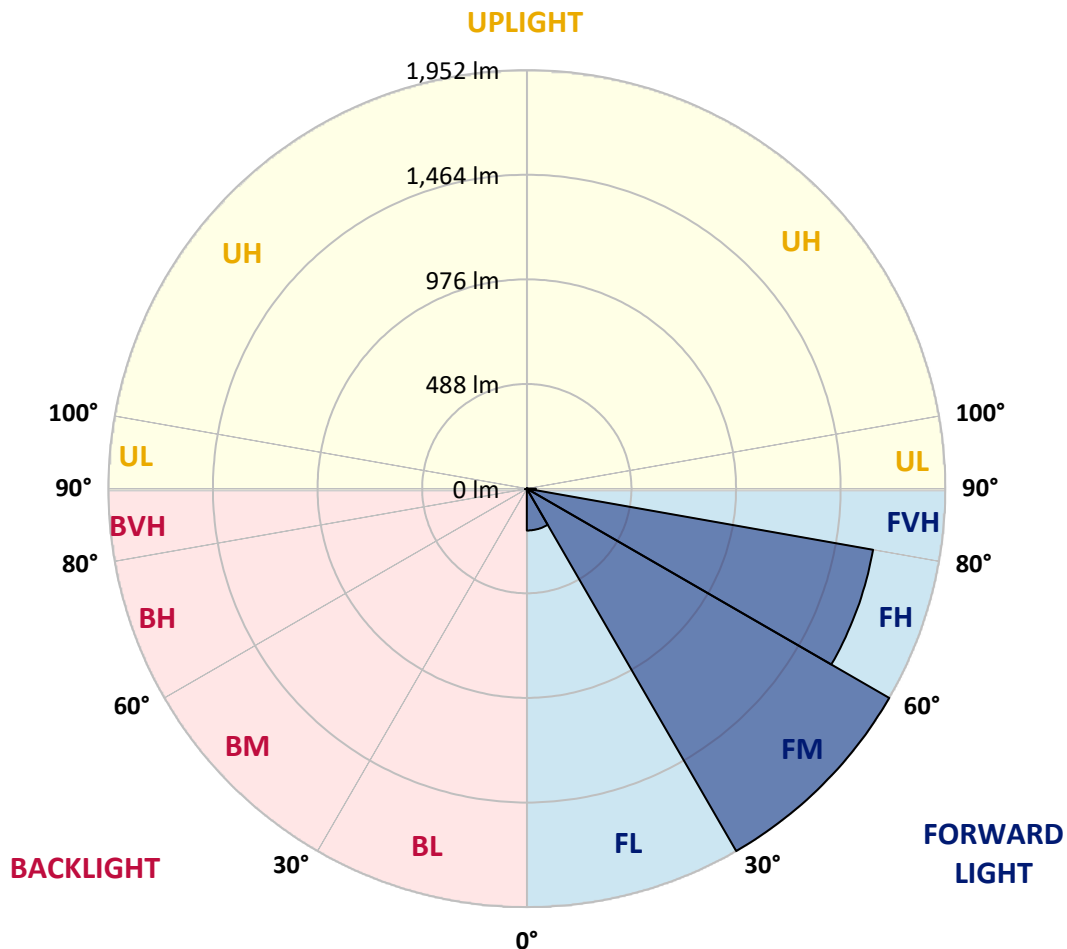
CATALOG NUMBER: NAV-SA1B-830-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	195.3	5.1			
FM	(30°-60°)	1951.9	50.8			
FH	(60°-80°)	1640.0	42.7			G1/1800
FVH	(80°-90°)	42.2	1.1			G1/100
BL	(0°-30°)	3.4	0.1	B0/110		
BM	(30°-60°)	3.3	0.1	B0/220		
BH	(60°-80°)	6.4	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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-G1

Type III Short



REPORT NUMBER: P1067102

CATALOG NUMBER: NAV-SA1B-830-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
2.5°	31.5	31.5	30.8	29.7	29.5	28.7	28.7	27.9	26.9	26.1	25.1
5°	45.7	45.5	43.4	40.8	37.5	35.4	35.4	32.6	30.0	27.6	25.6
7.5°	100.0	97.7	90.2	77.8	61.5	50.6	49.9	40.6	34.4	29.7	25.8
10°	229.5	221.5	210.9	181.1	133.9	93.5	91.7	59.2	41.1	32.0	26.4
12.5°	376.0	382.4	361.3	314.5	259.2	192.8	179.9	99.7	54.3	35.1	26.9
15°	509.3	507.8	495.9	457.6	393.8	305.4	297.4	173.4	77.8	40.1	27.4
17.5°	609.1	607.3	595.9	571.3	522.2	433.9	426.9	276.5	122.0	47.0	27.9
20°	714.2	711.9	695.9	676.3	633.4	558.2	549.9	391.7	191.0	58.4	27.9
22.5°	840.3	835.9	818.9	785.6	740.3	675.0	667.5	509.6	276.5	77.0	29.2
25°	992.8	985.3	961.8	931.8	877.3	790.5	782.5	640.8	379.6	105.2	30.5
27.5°	1166.7	1168.0	1136.2	1085.6	1012.4	923.8	908.8	758.4	486.3	145.5	32.0
30°	1373.2	1360.3	1315.6	1256.6	1185.6	1072.6	1058.2	875.5	606.2	204.9	34.6
32.5°	1566.5	1552.5	1492.3	1418.1	1341.9	1222.8	1210.9	1007.0	715.3	275.2	39.3
35°	1732.4	1722.5	1638.3	1547.9	1480.2	1373.7	1370.1	1153.8	843.4	350.9	44.4
37.5°	1878.4	1860.5	1752.3	1658.5	1589.7	1494.4	1486.6	1288.2	967.0	438.8	52.2
40°	2002.9	1993.1	1861.0	1737.8	1682.0	1596.7	1586.9	1406.0	1094.6	540.8	61.8
42.5°	2136.3	2123.3	1995.2	1856.9	1754.1	1662.8	1656.4	1503.2	1208.3	653.0	76.0
45°	2286.9	2262.9	2150.5	2026.4	1870.1	1731.3	1724.1	1589.7	1324.9	773.4	93.3
47.5°	2447.9	2427.0	2336.0	2248.9	2069.1	1844.3	1828.7	1663.4	1440.6	912.4	115.2
50°	2611.7	2612.2	2544.0	2502.2	2312.2	2027.7	2005.8	1771.6	1562.3	1061.3	147.8
52.5°	2802.4	2807.3	2806.3	2775.3	2628.0	2327.7	2298.3	1936.0	1703.7	1234.9	192.8
55°	2882.3	2891.1	2948.2	3016.9	2976.8	2708.1	2676.6	2219.5	1891.0	1428.5	259.4
57.5°	2816.9	2826.7	2905.5	3025.9	3117.9	3041.2	3037.6	2588.5	2137.8	1663.1	368.5
59°	2739.1	2737.8	2818.7	2946.4	3070.4	3120.3	3125.4	2838.1	2352.8	1827.7	462.5
60°	2687.4	2688.5	2742.2	2873.2	3005.0	3091.6	3111.7	2985.1	2478.4	1946.1	543.2
62.5°	2487.9	2499.8	2542.5	2664.2	2789.2	2885.9	2920.3	3116.1	2837.8	2225.7	823.5
65°	2271.1	2271.9	2332.6	2436.8	2556.7	2624.6	2646.3	2912.2	3077.9	2510.4	1191.3
67.5°	1884.3	1900.1	1969.1	2137.8	2296.2	2382.3	2398.8	2535.0	2978.4	2696.0	1375.5
70°	1318.7	1339.3	1437.8	1656.6	1892.6	2033.9	2032.9	2107.3	2621.3	2613.3	1166.2
72.5°	658.4	694.1	774.4	1008.8	1294.6	1516.6	1563.4	1695.2	2105.8	2170.6	870.1
75°	291.0	293.0	338.8	456.9	643.4	925.4	967.2	1345.5	1615.6	1508.6	628.4
77.5°	169.3	170.8	179.1	205.2	260.7	453.5	500.5	882.5	1141.6	876.8	409.8
80°	61.5	63.1	62.8	77.8	114.2	178.6	199.0	427.7	761.5	461.8	214.7
82.5°	37.7	37.7	36.4	36.7	41.6	68.5	74.9	182.2	370.8	227.4	61.5
85°	18.6	19.6	20.9	23.5	27.9	33.9	35.9	52.2	124.8	55.0	14.7
87.5°	11.1	11.4	12.4	15.0	18.6	24.3	25.8	35.4	44.7	37.0	3.6
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: P1067102

CATALOG NUMBER: NAV-SA1B-830-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
2.5°	24.5	24.3	23.0	22.0	20.9	19.9	19.1	18.3	18.3	18.6	18.3
5°	24.5	23.5	21.4	19.6	18.1	16.8	15.5	14.5	14.2	14.2	14.5
7.5°	24.3	23.0	20.2	17.8	15.8	14.0	12.7	11.4	11.1	11.4	11.1
10°	24.0	22.5	19.1	16.3	13.4	11.6	9.8	8.5	8.5	8.5	8.8
12.5°	24.0	21.7	18.1	14.7	11.6	9.6	7.8	6.5	6.2	6.2	6.2
15°	23.8	21.2	17.1	12.9	9.8	7.2	5.7	4.4	4.4	4.4	4.4
17.5°	23.3	20.4	15.8	11.4	7.8	5.4	3.9	2.6	2.6	3.1	3.1
20°	22.7	19.6	14.2	9.3	6.5	4.1	2.6	1.6	1.6	2.3	2.6
22.5°	23.0	19.6	13.2	8.3	5.2	3.1	2.1	1.3	1.0	1.8	2.3
25°	23.3	19.1	11.9	7.2	3.9	2.3	1.6	0.5	0.3	0.5	0.8
27.5°	23.3	18.6	10.3	5.7	2.8	1.8	0.8	0.0	0.0	0.0	0.0
30°	23.0	17.8	9.0	4.7	2.1	1.0	0.3	0.0	0.0	0.0	0.0
32.5°	22.7	17.1	8.3	3.6	1.8	0.5	0.0	0.0	0.0	0.0	0.0
35°	23.0	16.0	7.2	2.8	1.0	0.0	0.0	0.0	0.0	0.0	0.5
37.5°	23.8	15.0	6.2	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	24.8	14.2	5.2	1.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	26.9	14.2	4.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.5	14.2	3.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	32.8	14.5	3.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	37.0	15.0	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.1	14.5	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	45.5	14.0	2.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	52.7	13.2	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	60.0	12.1	2.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	68.2	11.6	2.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	112.7	10.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	217.6	9.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	351.7	9.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	369.8	9.8	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	246.0	8.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	131.8	7.2	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	71.1	6.7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	31.3	4.9	1.3	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	12.4	3.4	1.6	1.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0
85°	5.9	2.6	2.1	1.8	1.3	0.8	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	2.6	2.3	2.1	1.8	1.3	0.3	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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

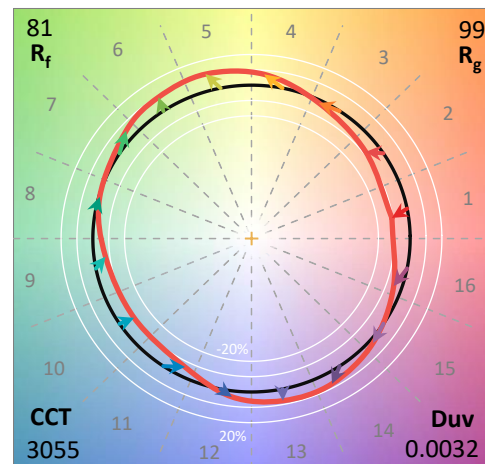
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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: SP1-2407-184-9

Photopic Flux vs. Wavelength

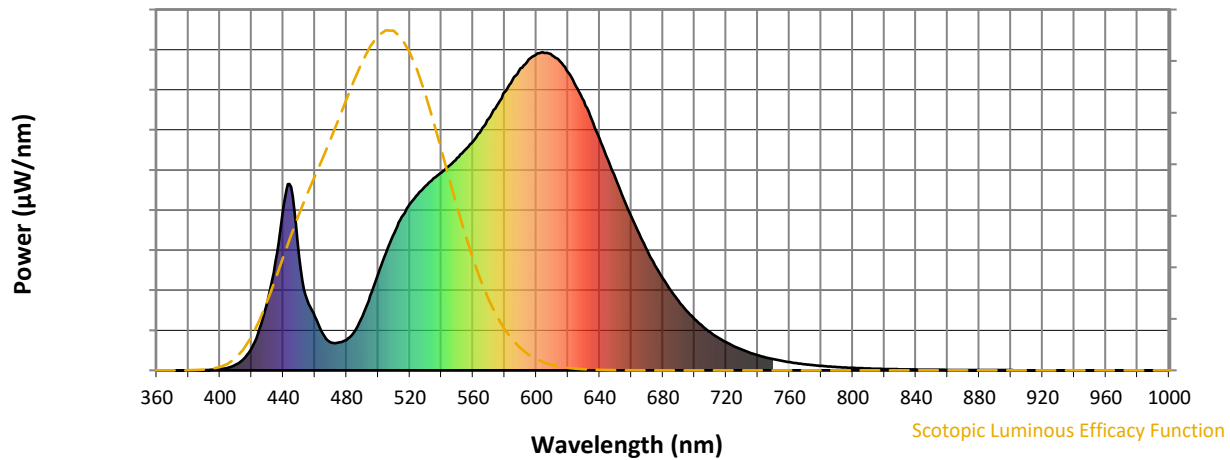


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



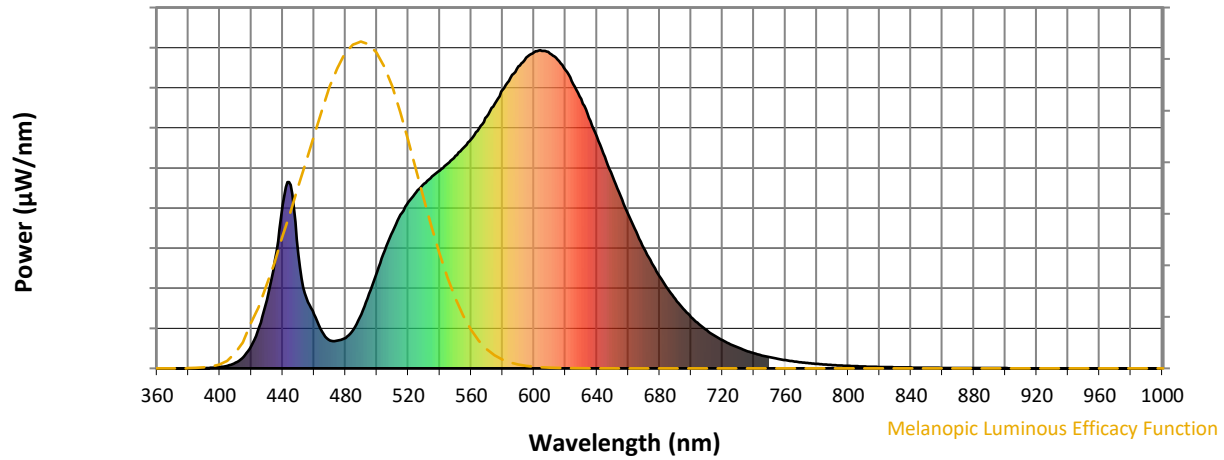
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

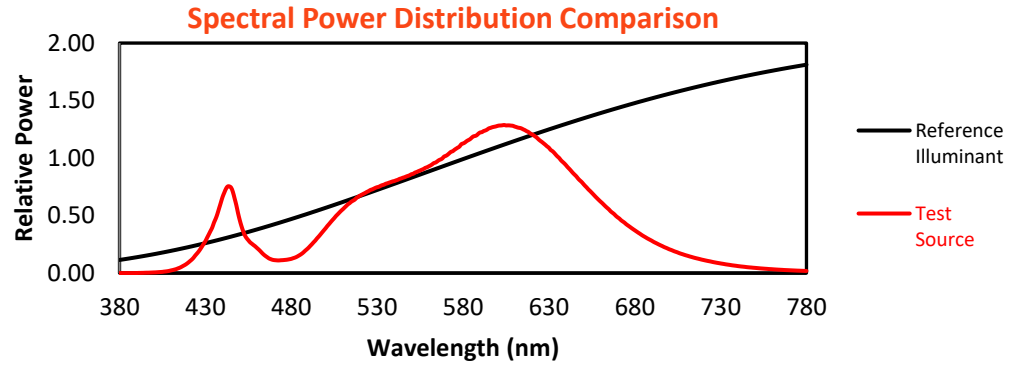
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

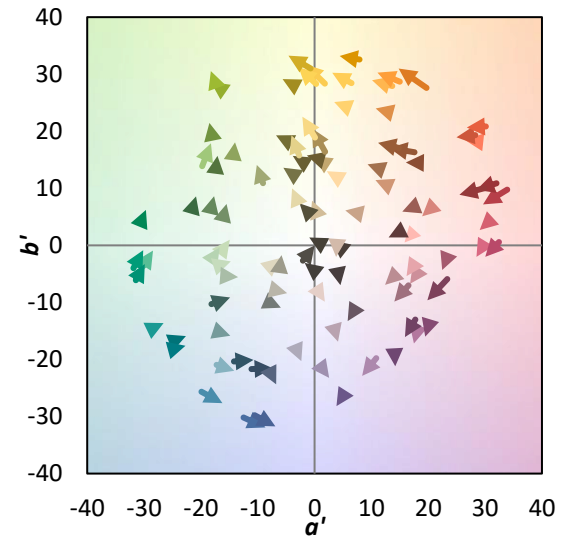
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



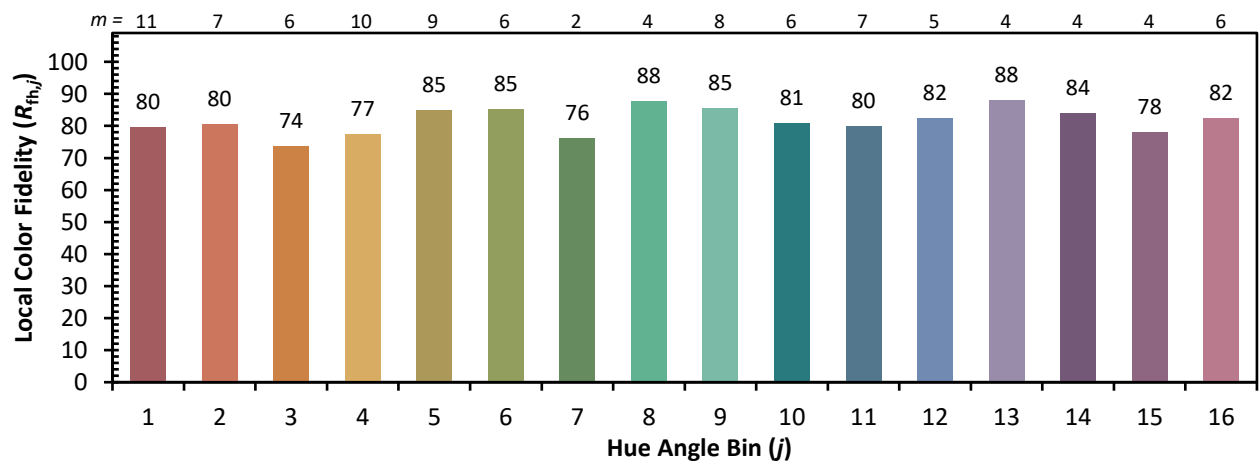
Color Vector Graphics



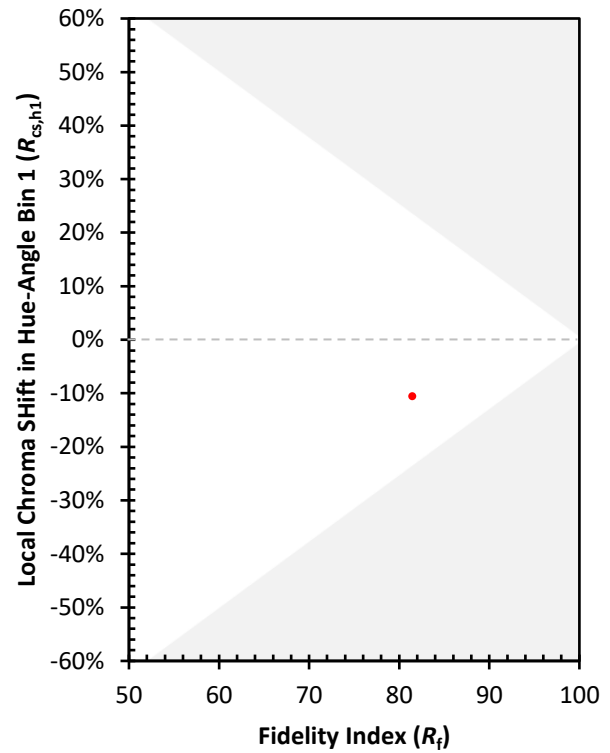
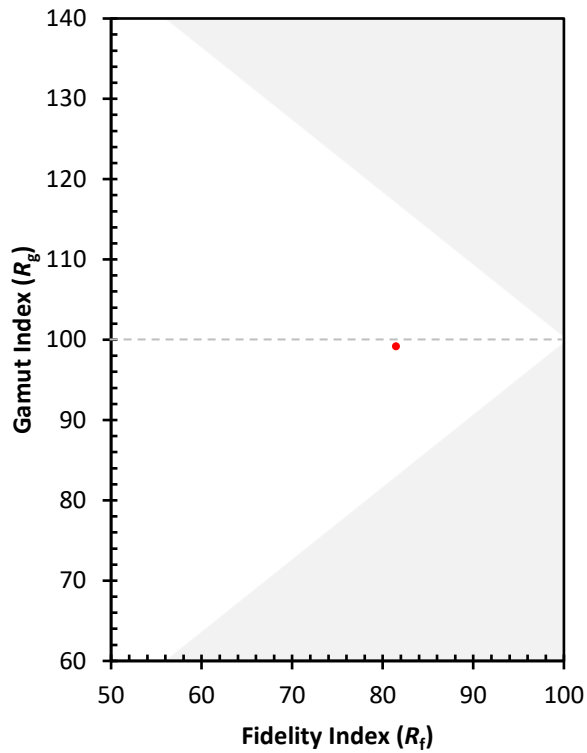
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)