

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: P1067347

Luminaire Tested: **NAV-SA2C-830-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067347
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-830-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8750 lumens
Efficiency: N/A
Efficacy: 91.0 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

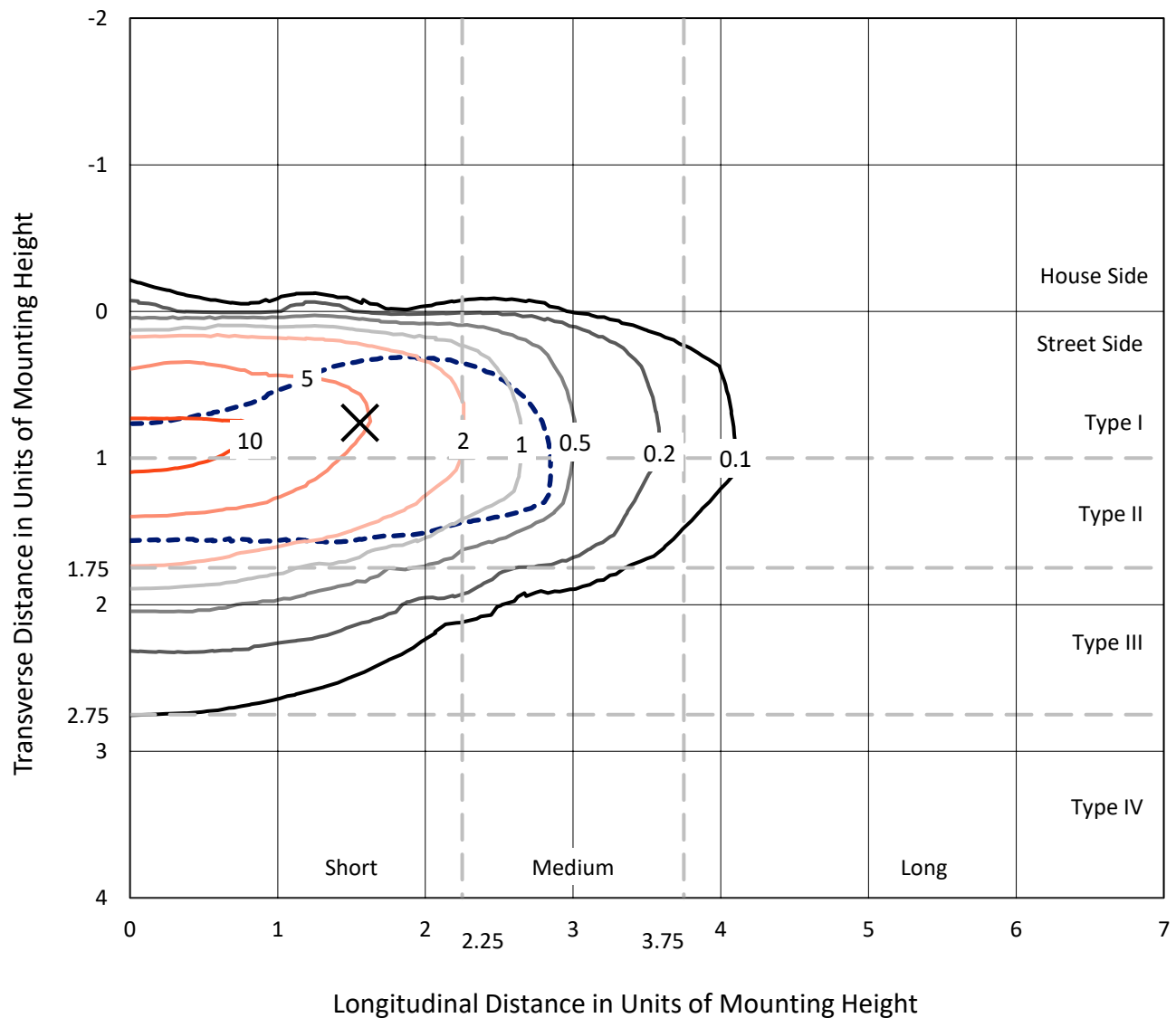


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

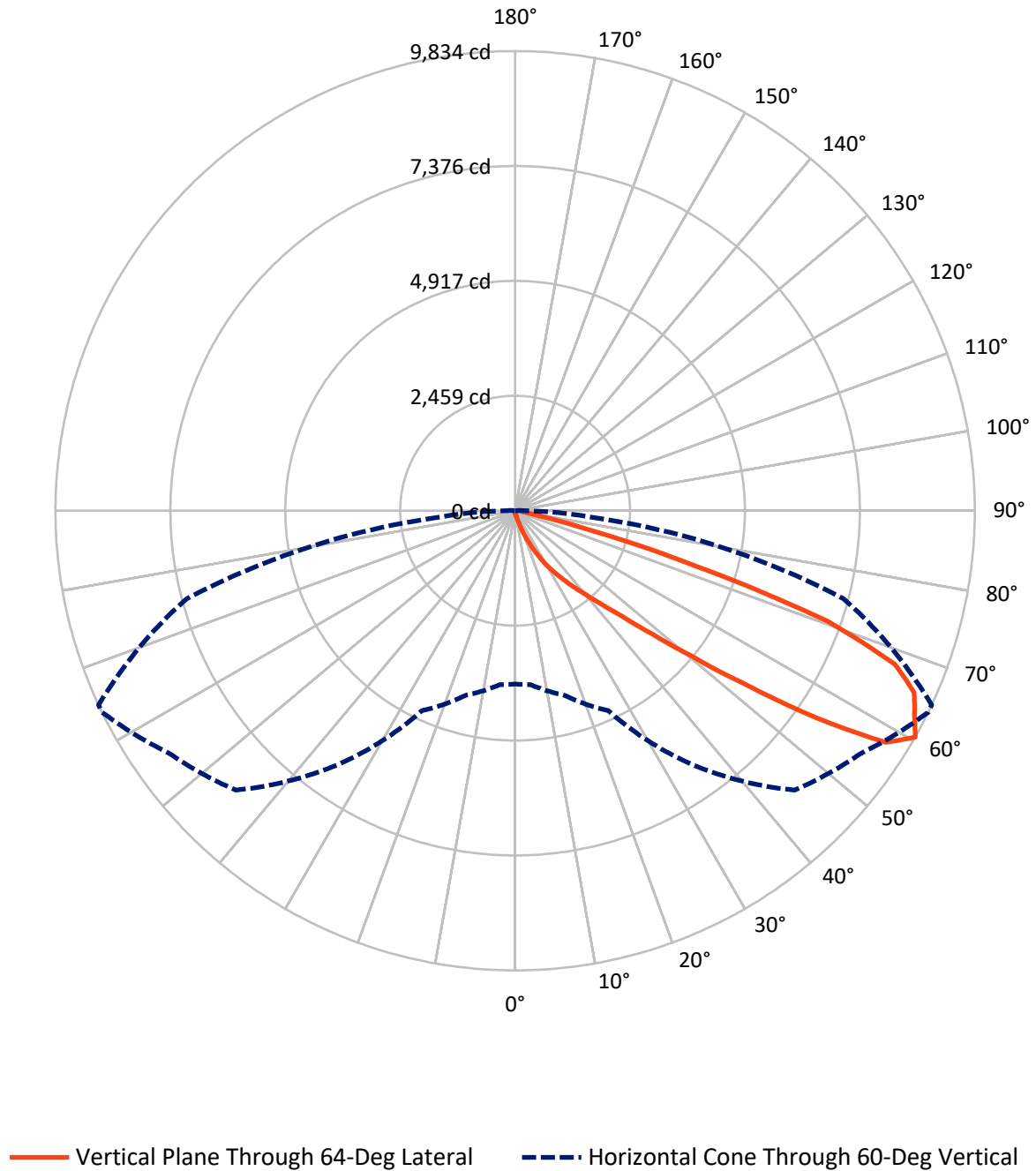


Based on 15 foot mounting height. Maximum calculated value = 12.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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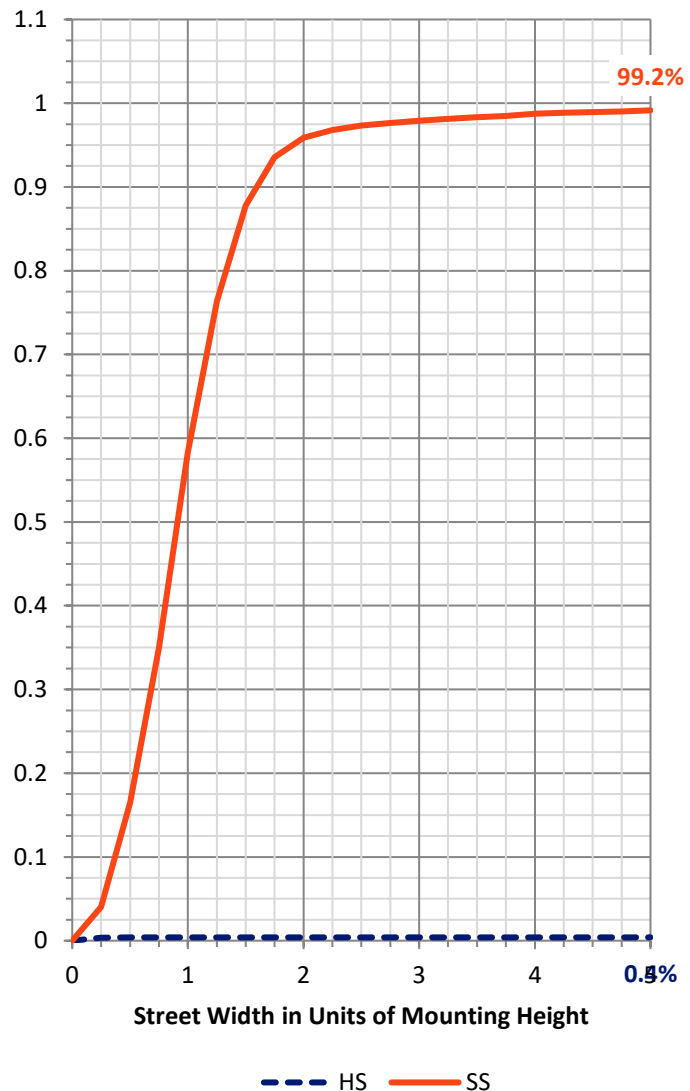
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.5	0.0	35.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8714.6	0.0	8714.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	8750.0	0.0	8750.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.1
10°-20°	86.0	1.0
20°-30°	285.6	3.3
30°-40°	762.0	8.7
40°-50°	1936.8	22.1
50°-60°	2823.5	32.3
60°-70°	2180.9	24.9
70°-80°	598.9	6.8
80°-90°	67.6	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°	8750.0	100.0
0°-180°	8750.0	100.0



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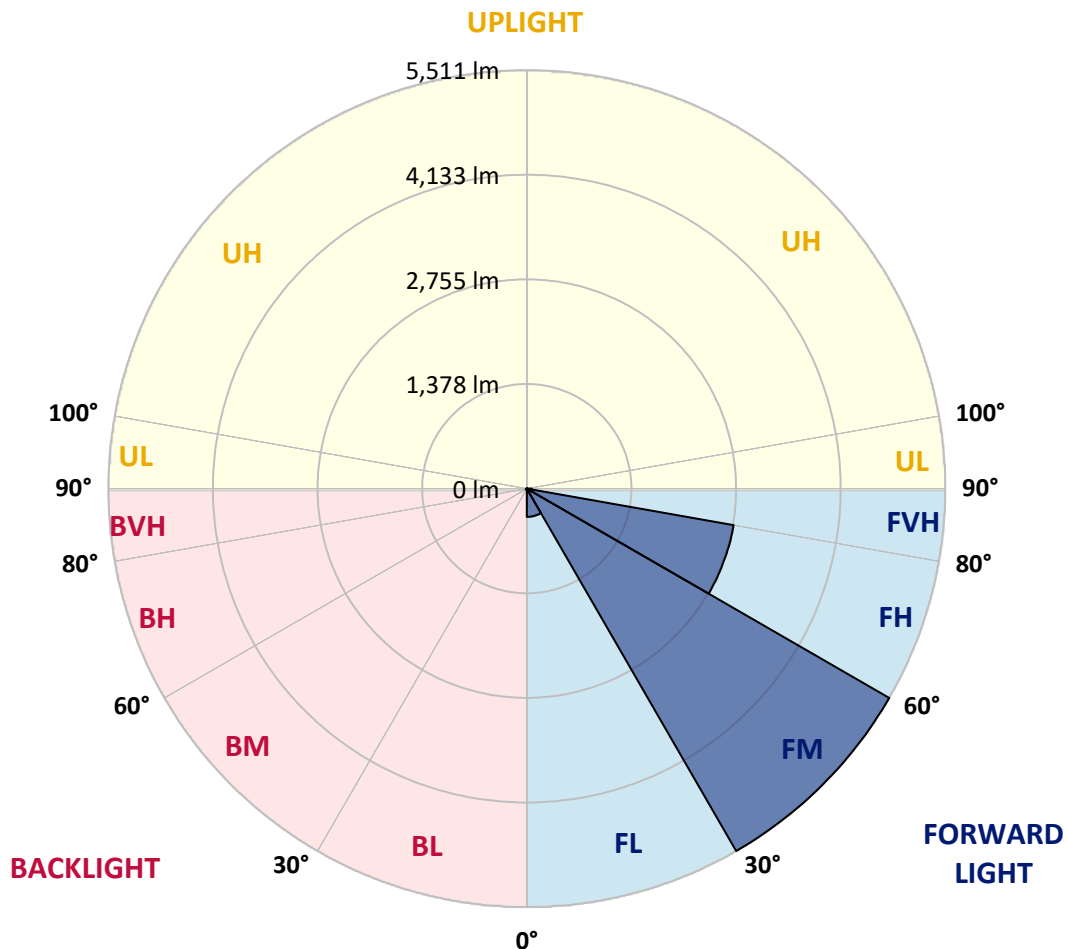
CATALOG NUMBER: NAV-SA2C-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	372.3	4.3			
FM	(30°-60°)	5510.6	63.0			
FH	(60°-80°)	2765.6	31.6			G2/5000
FVH	(80°-90°)	66.0	0.8			G1/100
BL	(0°-30°)	8.0	0.1	B0/110		
BM	(30°-60°)	11.8	0.1	B0/220		
BH	(60°-80°)	14.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G2

Type II Short



REPORT NUMBER: P1067347

CATALOG NUMBER: NAV-SA2C-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2.5°	77.1	77.1	77.1	74.7	72.3	72.3	69.8	67.4	67.4	62.6	60.2
5°	118.0	118.0	113.2	108.4	101.2	91.5	81.9	74.7	74.7	67.4	62.6
7.5°	231.2	238.4	216.8	190.3	154.1	130.1	103.6	86.7	84.3	72.3	62.6
10°	501.0	496.2	462.4	397.4	313.1	226.4	144.5	106.0	101.2	77.1	62.6
12.5°	753.9	761.1	725.0	652.7	551.6	402.2	248.1	137.3	132.5	84.3	62.6
15°	970.7	970.7	946.6	910.4	799.6	643.1	399.8	204.7	187.9	91.5	60.2
17.5°	1120.0	1117.6	1107.9	1098.3	1033.3	871.9	611.8	327.6	289.0	108.4	60.2
20°	1288.6	1281.4	1293.4	1274.1	1223.6	1095.9	835.8	486.5	450.4	137.3	60.2
22.5°	1464.4	1471.6	1481.3	1462.0	1406.6	1295.8	1071.8	691.3	652.7	190.3	62.6
25°	1688.4	1683.6	1705.3	1688.4	1618.6	1488.5	1293.4	915.3	859.9	264.9	67.4
27.5°	1963.0	1953.3	1967.8	1924.4	1832.9	1700.4	1490.9	1144.1	1079.0	380.6	77.1
30°	2326.7	2333.9	2268.9	2218.3	2088.2	1912.4	1710.1	1389.7	1322.3	517.8	86.7
32.5°	2899.9	2849.3	2748.2	2543.4	2372.4	2148.4	1929.3	1604.1	1543.9	693.7	101.2
35°	3793.5	3803.1	3581.5	3075.7	2704.8	2444.7	2170.1	1840.1	1796.8	893.6	120.4
37.5°	4882.2	4855.7	4660.6	4022.3	3191.4	2813.2	2444.7	2097.9	2035.2	1110.3	144.5
40°	6115.4	6004.6	5891.4	5457.8	4205.4	3275.7	2791.5	2396.5	2348.4	1360.8	183.1
42.5°	7102.9	7074.0	7093.2	6912.6	5896.2	4063.3	3251.6	2762.6	2704.8	1671.5	250.5
45°	7589.4	7548.4	7664.1	7798.9	7538.8	5739.6	3993.4	3229.9	3152.8	2037.6	354.1
47.5°	7459.3	7430.4	7678.5	7943.5	8290.3	7683.3	5204.9	3928.4	3795.9	2507.3	508.2
50°	6818.7	6821.1	7228.1	7721.9	8271.0	8668.4	6999.3	4884.6	4718.4	3131.1	749.1
52.5°	6194.8	6214.1	6645.2	7365.4	7984.4	8784.0	8574.5	6173.2	5903.4	3865.7	1033.3
55°	5554.2	5563.8	5944.3	6958.3	7849.5	8439.6	9383.8	7832.7	7546.0	4781.0	1310.3
57.5°	4937.6	4937.6	5079.7	5980.5	7702.6	8408.3	9287.4	9350.1	9116.4	5826.3	1515.0
60°	3709.2	3733.3	4087.3	4718.4	6642.8	8454.1	9041.8	9834.2	9834.2	7276.3	1671.5
62.5°	1873.9	1910.0	2350.8	2964.9	4557.0	7823.0	9080.3	9590.9	9629.5	8555.2	2028.0
65°	879.1	920.1	1156.1	1589.7	2451.9	5506.0	8680.5	9383.8	9371.7	8312.0	2779.5
67.5°	631.0	643.1	722.6	927.3	1319.9	2413.4	6626.0	8764.8	8769.6	7061.9	3196.2
70°	566.0	566.0	585.3	645.5	794.8	1079.0	3220.3	7098.0	7442.5	5453.0	2962.5
72.5°	558.8	554.0	549.2	551.6	537.1	541.9	1105.5	4007.9	4499.2	3815.2	2362.8
75°	544.3	544.3	539.5	522.7	428.7	349.2	380.6	1621.0	1873.9	2548.3	1753.4
77.5°	431.1	474.5	525.1	493.8	392.6	262.5	221.6	469.7	592.5	1563.2	1271.7
80°	199.9	202.3	199.9	209.5	250.5	187.9	163.8	228.8	231.2	867.1	787.6
82.5°	144.5	146.9	139.7	125.2	110.8	101.2	134.9	168.6	180.6	397.4	293.8
85°	43.4	40.9	48.2	65.0	77.1	89.1	113.2	142.1	149.3	146.9	43.4
87.5°	19.3	19.3	24.1	33.7	45.8	67.4	98.8	130.1	132.5	151.7	12.0
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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CATALOG NUMBER: NAV-SA2C-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
2.5°	60.2	57.8	55.4	53.0	50.6	48.2	45.8	45.8	48.2	48.2	48.2
5°	57.8	55.4	50.6	45.8	43.4	40.9	38.5	38.5	40.9	40.9	40.9
7.5°	57.8	53.0	48.2	43.4	38.5	36.1	33.7	33.7	33.7	36.1	36.1
10°	57.8	53.0	45.8	38.5	33.7	31.3	28.9	26.5	28.9	28.9	28.9
12.5°	55.4	50.6	43.4	36.1	28.9	24.1	21.7	21.7	21.7	21.7	21.7
15°	53.0	48.2	40.9	31.3	24.1	19.3	14.5	14.5	14.5	16.9	16.9
17.5°	50.6	45.8	36.1	24.1	16.9	12.0	9.6	9.6	9.6	12.0	12.0
20°	50.6	43.4	31.3	19.3	12.0	7.2	4.8	4.8	4.8	7.2	9.6
22.5°	50.6	43.4	28.9	14.5	7.2	4.8	2.4	2.4	2.4	2.4	2.4
25°	50.6	40.9	26.5	12.0	4.8	2.4	0.0	0.0	2.4	4.8	7.2
27.5°	50.6	38.5	21.7	7.2	4.8	2.4	0.0	2.4	4.8	4.8	4.8
30°	50.6	38.5	19.3	7.2	2.4	0.0	0.0	2.4	4.8	4.8	7.2
32.5°	53.0	36.1	16.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	55.4	33.7	14.5	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	60.2	33.7	9.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	67.4	36.1	9.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	84.3	38.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	118.0	48.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	173.4	72.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	252.9	98.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	310.7	98.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	308.3	62.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	236.0	43.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	199.9	31.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	240.9	24.1	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	428.7	21.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	688.9	21.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	770.7	21.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	602.1	19.3	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	330.0	16.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	166.2	12.0	4.8	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	69.8	9.6	4.8	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	24.1	9.6	4.8	4.8	2.4	2.4	0.0	0.0	0.0	0.0	0.0
85°	12.0	7.2	7.2	4.8	4.8	2.4	2.4	0.0	0.0	0.0	0.0
87.5°	7.2	7.2	7.2	4.8	4.8	2.4	2.4	0.0	0.0	0.0	2.4
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

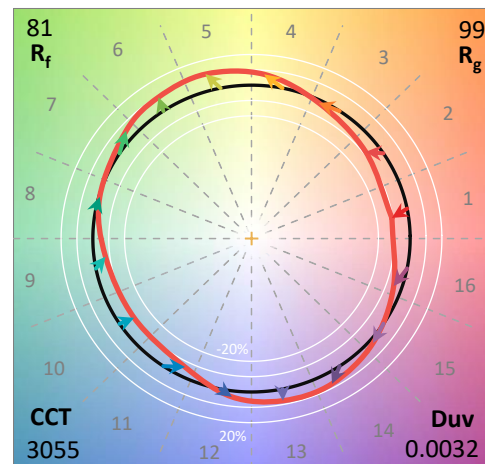
Test Information

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

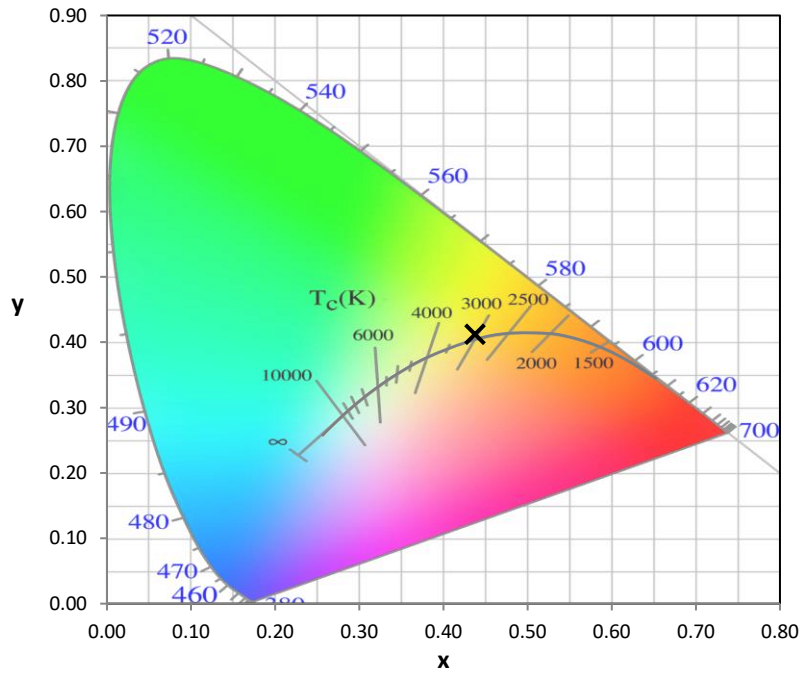
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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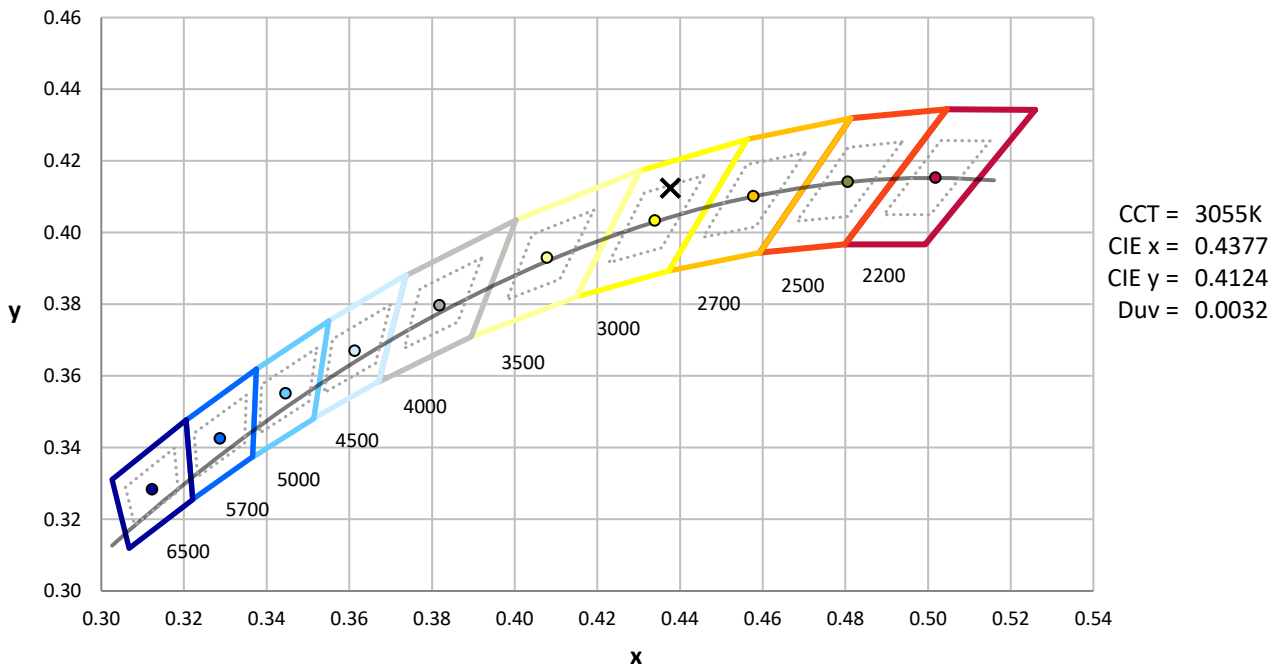
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

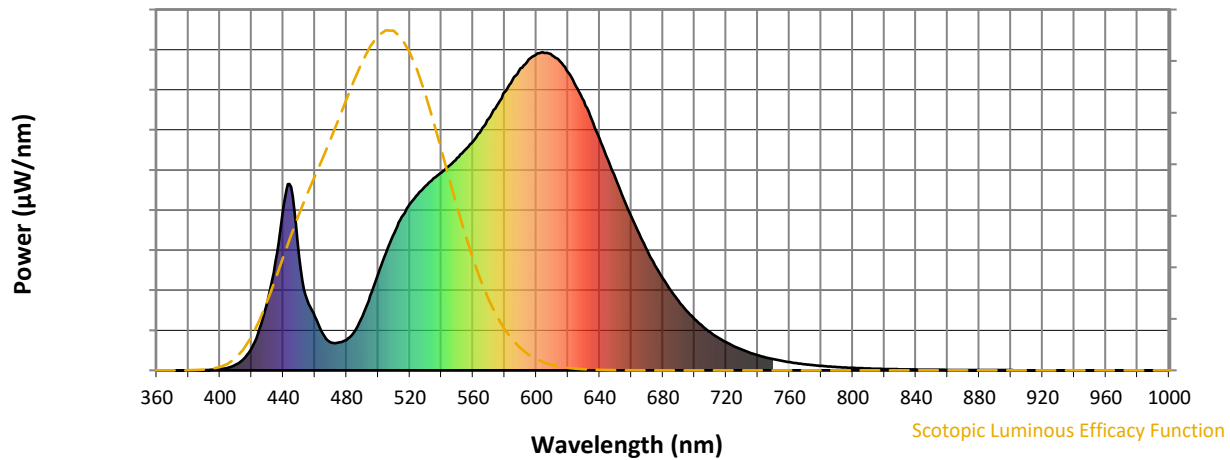


Photopic Lumens: NR

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	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



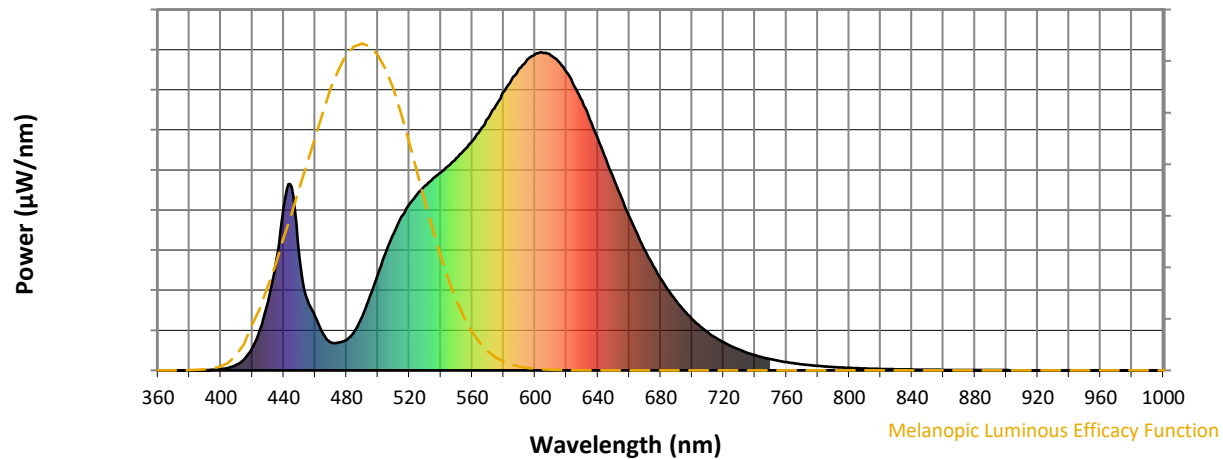
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

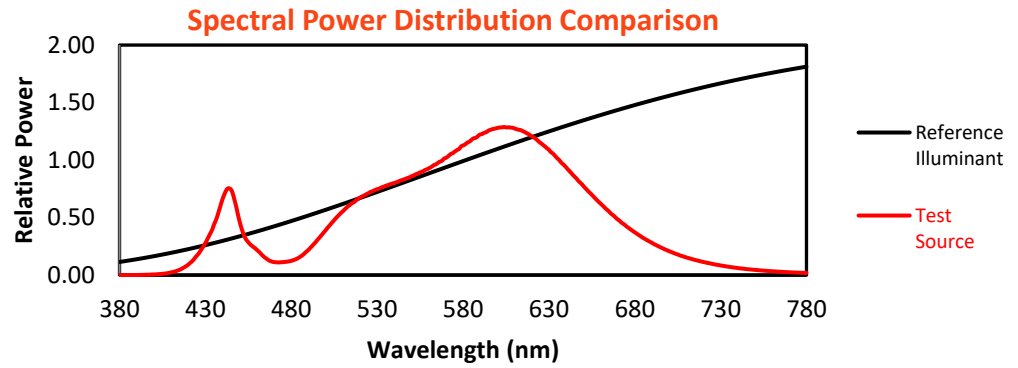
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	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			

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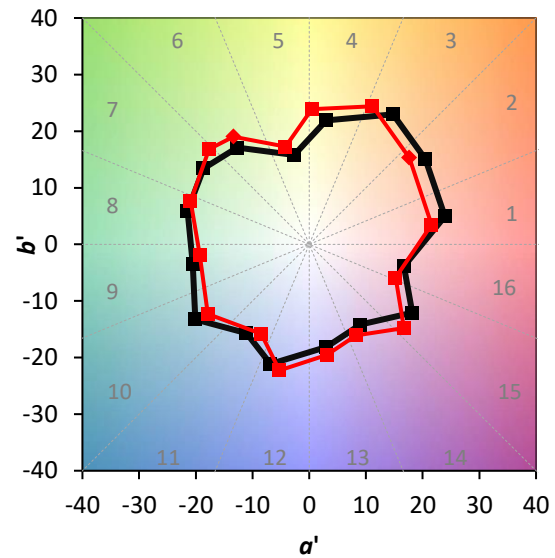
TM-30-18

Summary

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

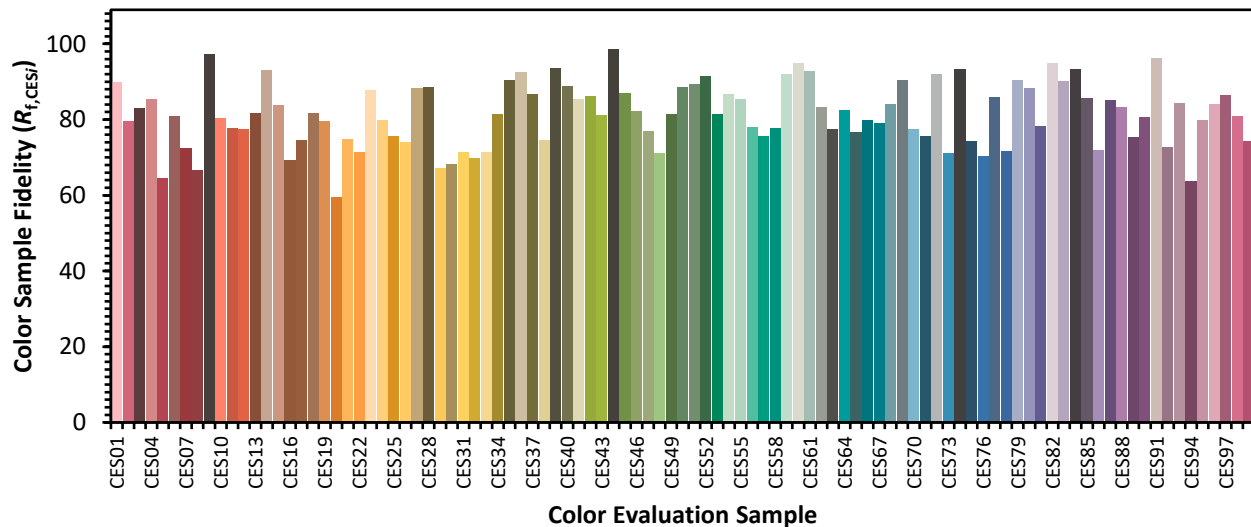


Color Vector Graphics

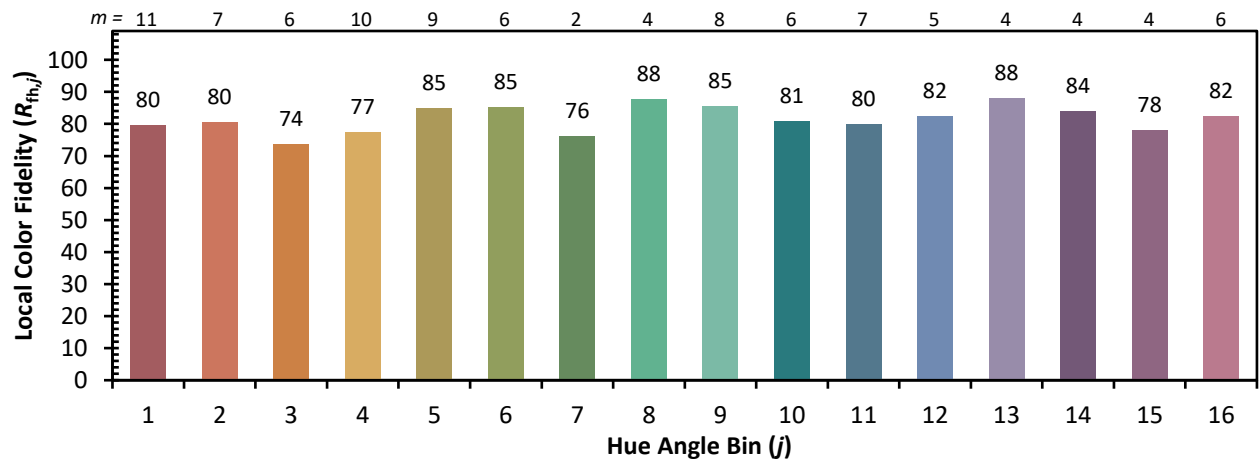


Individual Sample Fidelity Index ($R_{f,i}$)

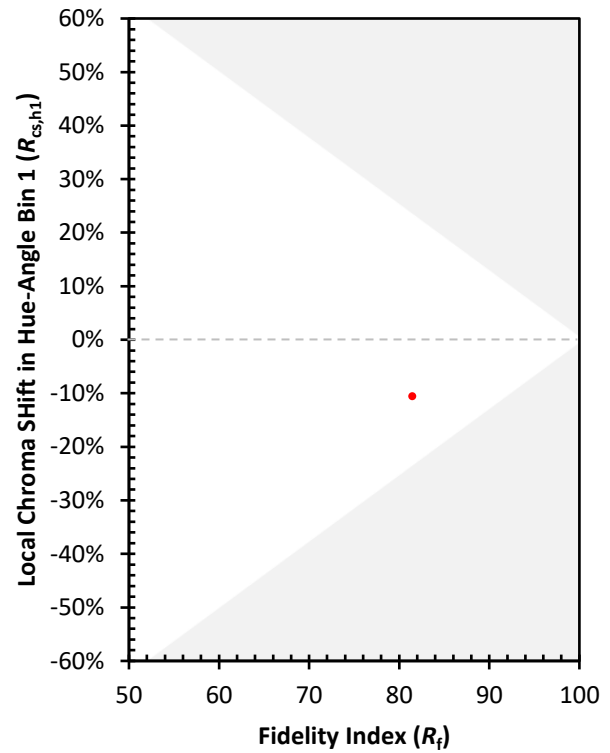
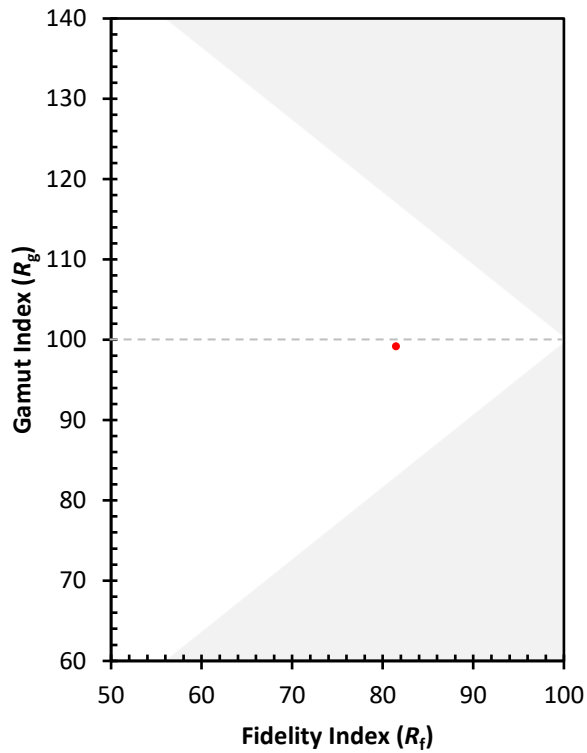
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)