

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: STREETWORKS

Report Number: P1066142

Luminaire Tested: **NVN-SA1B-830-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066142
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-830-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 3000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3623.9 lumens
Efficiency: N/A
Efficacy: 95.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - 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

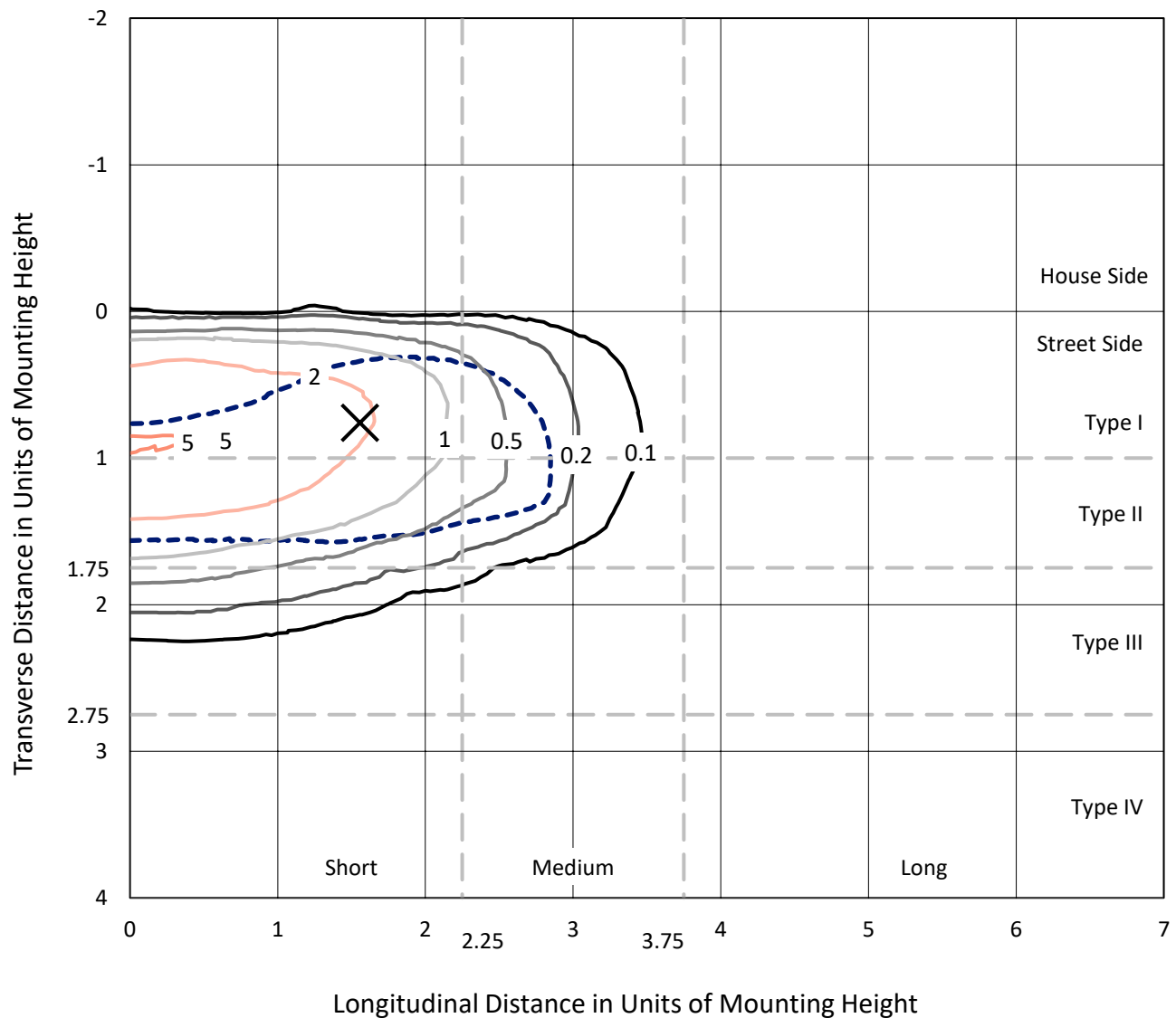


REPORT NUMBER: P1066142

CATALOG NUMBER: NVN-SA1B-830-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

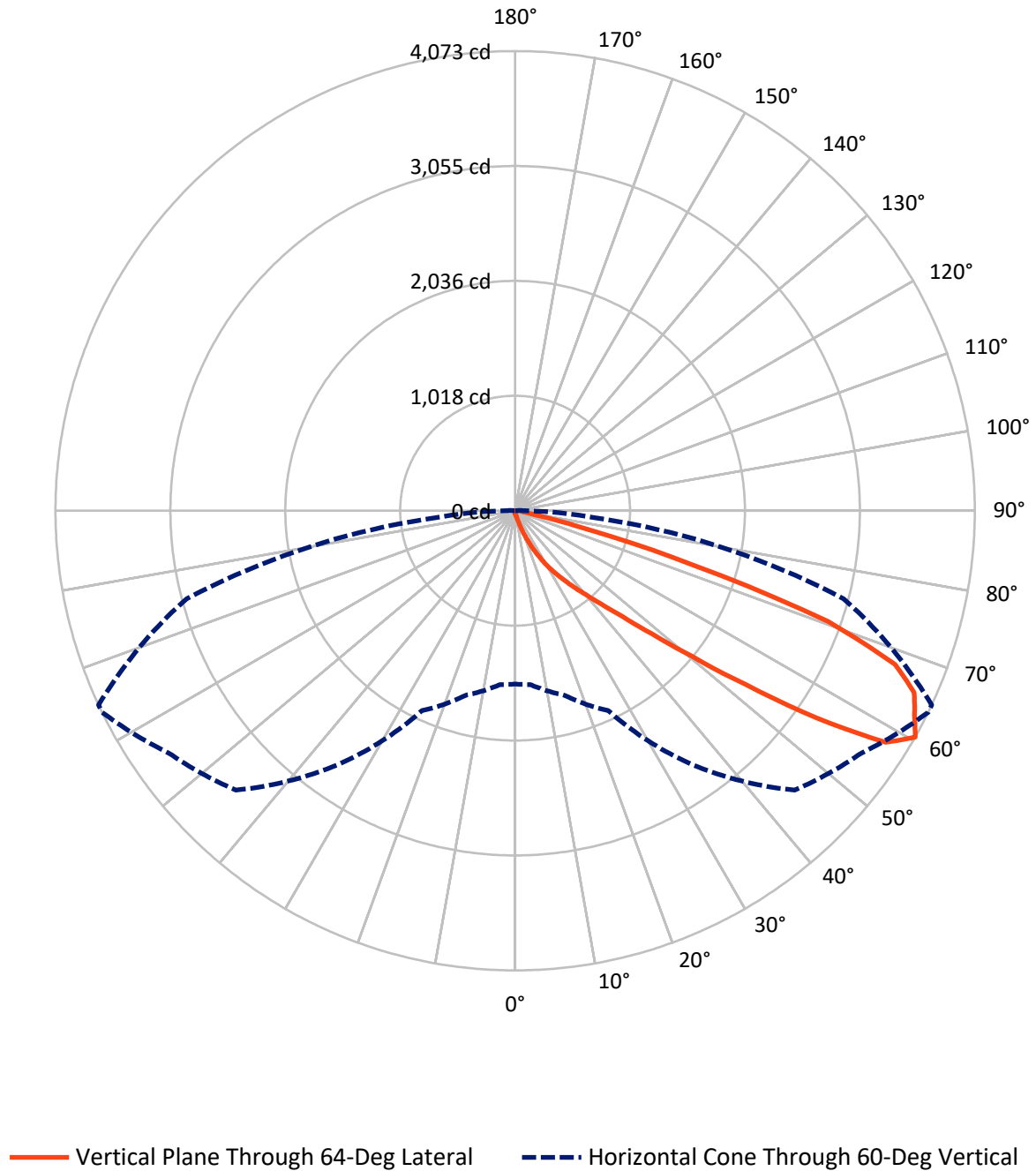


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1066142

CATALOG NUMBER: NVN-SA1B-830-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1066142

CATALOG NUMBER: NVN-SA1B-830-U-T2BC

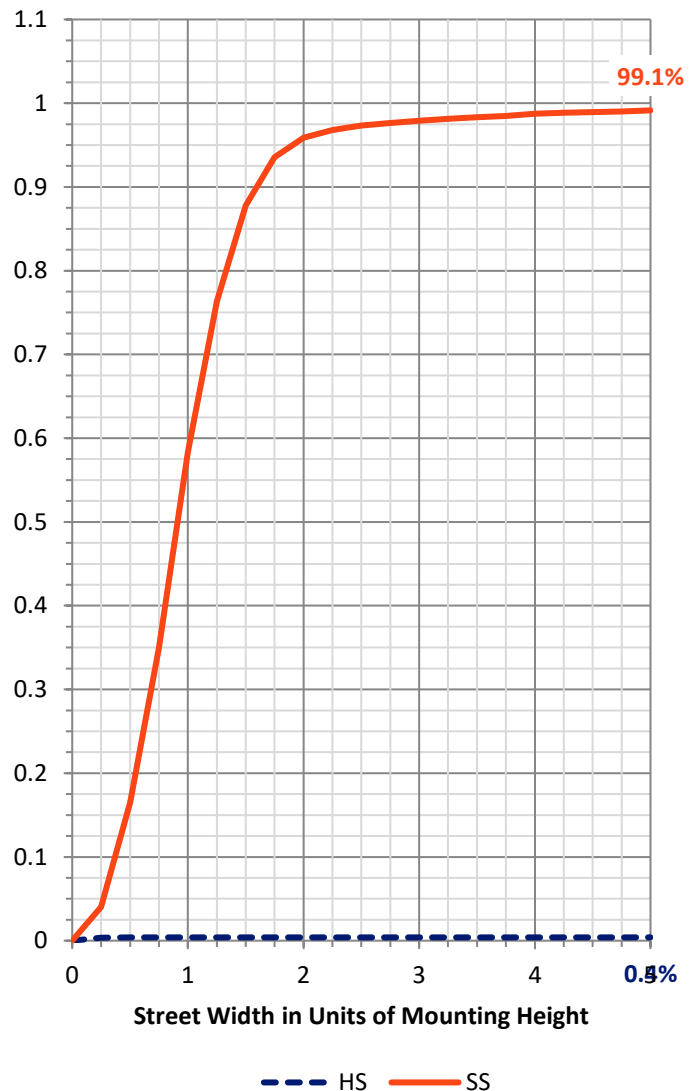
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.7	0.0	14.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3609.2	0.0	3609.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	3623.9	0.0	3623.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	35.6	1.0
20°-30°	118.3	3.3
30°-40°	315.6	8.7
40°-50°	802.2	22.1
50°-60°	1169.4	32.3
60°-70°	903.2	24.9
70°-80°	248.0	6.8
80°-90°	28.0	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°	3623.9	100.0
0°-180°	3623.9	100.0



REPORT NUMBER: P1066142

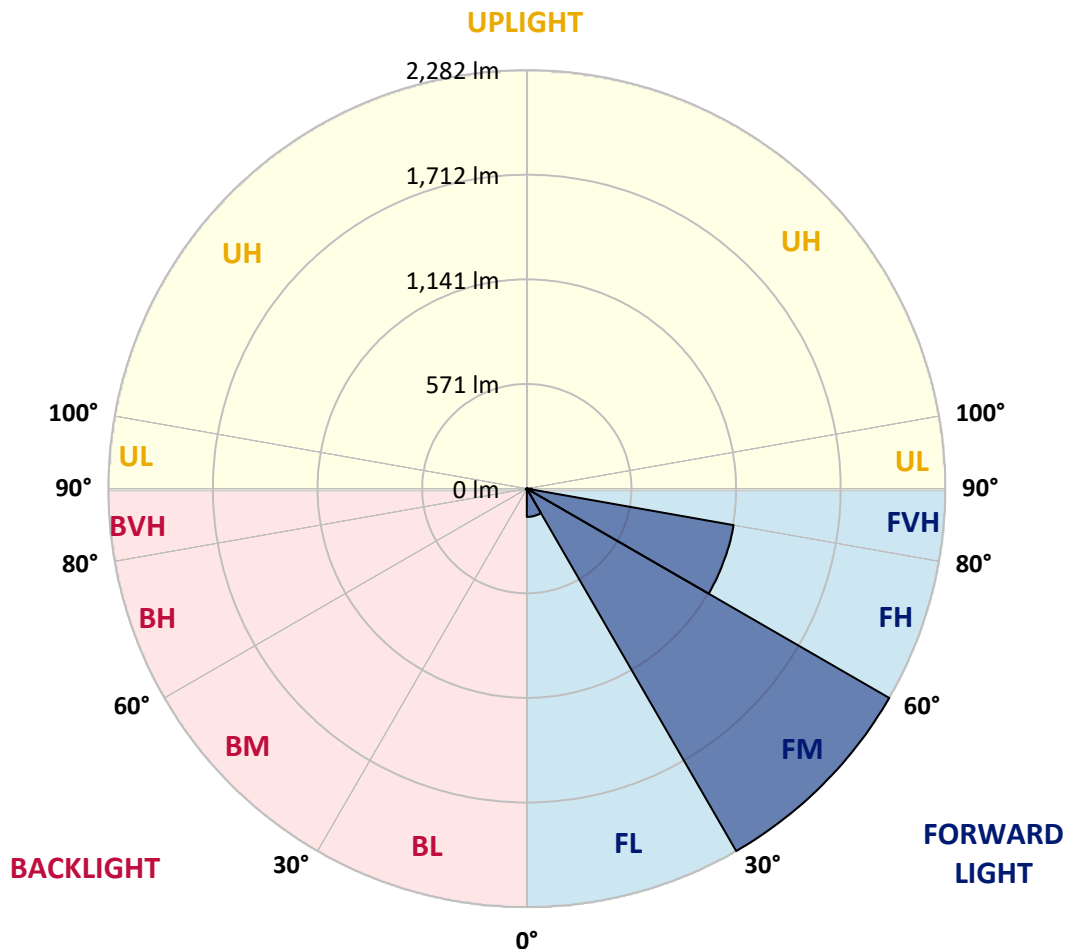
CATALOG NUMBER: NVN-SA1B-830-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	154.2	4.3			
FM	(30°-60°)	2282.2	63.0			
FH	(60°-80°)	1145.4	31.6			G1/1800
FVH	(80°-90°)	27.3	0.8			G1/100
BL	(0°-30°)	3.3	0.1	B0/110		
BM	(30°-60°)	4.9	0.1	B0/220		
BH	(60°-80°)	5.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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 II Short



REPORT NUMBER: P1066142

CATALOG NUMBER: NVN-SA1B-830-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
2.5°	31.9	31.9	31.9	30.9	29.9	29.9	28.9	27.9	27.9	25.9	24.9
5°	48.9	48.9	46.9	44.9	41.9	37.9	33.9	30.9	30.9	27.9	25.9
7.5°	95.8	98.8	89.8	78.8	63.8	53.9	42.9	35.9	34.9	29.9	25.9
10°	207.5	205.5	191.5	164.6	129.7	93.8	59.9	43.9	41.9	31.9	25.9
12.5°	312.2	315.2	300.3	270.3	228.4	166.6	102.7	56.9	54.9	34.9	25.9
15°	402.0	402.0	392.0	377.1	331.2	266.3	165.6	84.8	77.8	37.9	24.9
17.5°	463.8	462.8	458.9	454.9	427.9	361.1	253.4	135.7	119.7	44.9	24.9
20°	533.7	530.7	535.7	527.7	506.7	453.9	346.1	201.5	186.5	56.9	24.9
22.5°	606.5	609.5	613.5	605.5	582.5	536.7	443.9	286.3	270.3	78.8	25.9
25°	699.3	697.3	706.2	699.3	670.3	616.5	535.7	379.1	356.1	109.7	27.9
27.5°	813.0	809.0	815.0	797.0	759.1	704.2	617.5	473.8	446.9	157.6	31.9
30°	963.6	966.6	939.7	918.7	864.8	792.0	708.2	575.6	547.6	214.5	35.9
32.5°	1201.0	1180.1	1138.2	1053.4	982.6	889.8	799.0	664.3	639.4	287.3	41.9
35°	1571.1	1575.1	1483.3	1273.8	1120.2	1012.5	898.8	762.1	744.1	370.1	49.9
37.5°	2022.0	2011.0	1930.2	1665.9	1321.7	1165.1	1012.5	868.8	842.9	459.9	59.9
40°	2532.7	2486.8	2439.9	2260.4	1741.7	1356.6	1156.1	992.5	972.6	563.6	75.8
42.5°	2941.7	2929.7	2937.7	2862.9	2441.9	1682.8	1346.6	1144.2	1120.2	692.3	103.7
45°	3143.2	3126.2	3174.1	3230.0	3122.2	2377.1	1653.9	1337.7	1305.7	843.9	146.6
47.5°	3089.3	3077.3	3180.1	3289.8	3433.5	3182.1	2155.6	1626.9	1572.1	1038.4	210.5
50°	2824.0	2825.0	2993.5	3198.0	3425.5	3590.1	2898.8	2023.0	1954.1	1296.8	310.2
52.5°	2565.6	2573.6	2752.1	3050.4	3306.8	3637.9	3551.2	2556.6	2444.9	1601.0	427.9
55°	2300.3	2304.3	2461.9	2881.8	3250.9	3495.3	3886.3	3243.9	3125.2	1980.1	542.6
57.5°	2044.9	2044.9	2103.8	2476.8	3190.1	3482.3	3846.4	3872.4	3775.6	2413.0	627.4
60°	1536.2	1546.2	1692.8	1954.1	2751.2	3501.3	3744.7	4072.9	4072.9	3013.5	692.3
62.5°	776.1	791.0	973.6	1227.9	1887.3	3239.9	3760.6	3972.1	3988.1	3543.2	839.9
65°	364.1	381.1	478.8	658.4	1015.5	2280.3	3595.0	3886.3	3881.3	3442.4	1151.1
67.5°	261.3	266.3	299.3	384.0	546.6	999.5	2744.2	3630.0	3632.0	2924.7	1323.7
70°	234.4	234.4	242.4	267.3	329.2	446.9	1333.7	2939.7	3082.3	2258.4	1226.9
72.5°	231.4	229.4	227.4	228.4	222.4	224.4	457.9	1659.9	1863.4	1580.1	978.6
75°	225.4	225.4	223.4	216.5	177.6	144.6	157.6	671.3	776.1	1055.4	726.2
77.5°	178.6	196.5	217.5	204.5	162.6	108.7	91.8	194.5	245.4	647.4	526.7
80°	82.8	83.8	82.8	86.8	103.7	77.8	67.8	94.8	95.8	359.1	326.2
82.5°	59.9	60.8	57.9	51.9	45.9	41.9	55.9	69.8	74.8	164.6	121.7
85°	18.0	17.0	20.0	26.9	31.9	36.9	46.9	58.9	61.8	60.8	18.0
87.5°	8.0	8.0	10.0	14.0	19.0	27.9	40.9	53.9	54.9	62.8	5.0
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: P1066142

CATALOG NUMBER: NVN-SA1B-830-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
2.5°	24.9	23.9	22.9	21.9	20.9	20.0	19.0	19.0	20.0	20.0	20.0
5°	23.9	22.9	20.9	19.0	18.0	17.0	16.0	16.0	17.0	17.0	17.0
7.5°	23.9	21.9	20.0	18.0	16.0	15.0	14.0	14.0	14.0	15.0	15.0
10°	23.9	21.9	19.0	16.0	14.0	13.0	12.0	11.0	12.0	12.0	12.0
12.5°	22.9	20.9	18.0	15.0	12.0	10.0	9.0	9.0	9.0	9.0	9.0
15°	21.9	20.0	17.0	13.0	10.0	8.0	6.0	6.0	6.0	7.0	7.0
17.5°	20.9	19.0	15.0	10.0	7.0	5.0	4.0	4.0	4.0	5.0	5.0
20°	20.9	18.0	13.0	8.0	5.0	3.0	2.0	2.0	2.0	3.0	4.0
22.5°	20.9	18.0	12.0	6.0	3.0	2.0	1.0	1.0	1.0	1.0	1.0
25°	20.9	17.0	11.0	5.0	2.0	1.0	0.0	0.0	1.0	2.0	3.0
27.5°	20.9	16.0	9.0	3.0	2.0	1.0	0.0	1.0	2.0	2.0	2.0
30°	20.9	16.0	8.0	3.0	1.0	0.0	0.0	1.0	2.0	2.0	3.0
32.5°	21.9	15.0	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	22.9	14.0	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	24.9	14.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	27.9	15.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	34.9	16.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	48.9	20.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	71.8	29.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	104.7	40.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	128.7	40.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	127.7	25.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	97.8	18.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	82.8	13.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	99.8	10.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	177.6	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	285.3	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	319.2	9.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	249.4	8.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	136.7	7.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	68.8	5.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	28.9	4.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
82.5°	10.0	4.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
85°	5.0	3.0	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	0.0
87.5°	3.0	3.0	3.0	2.0	2.0	1.0	1.0	0.0	0.0	0.0	1.0
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

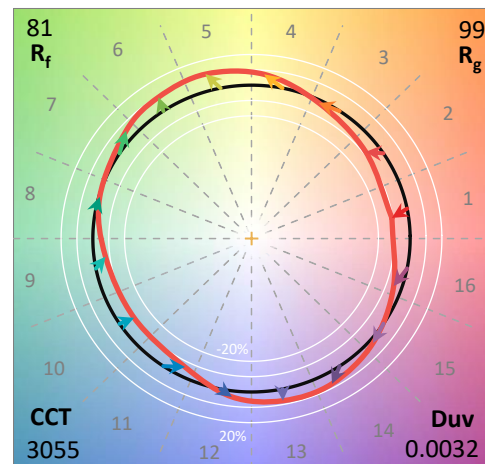
Test Information

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

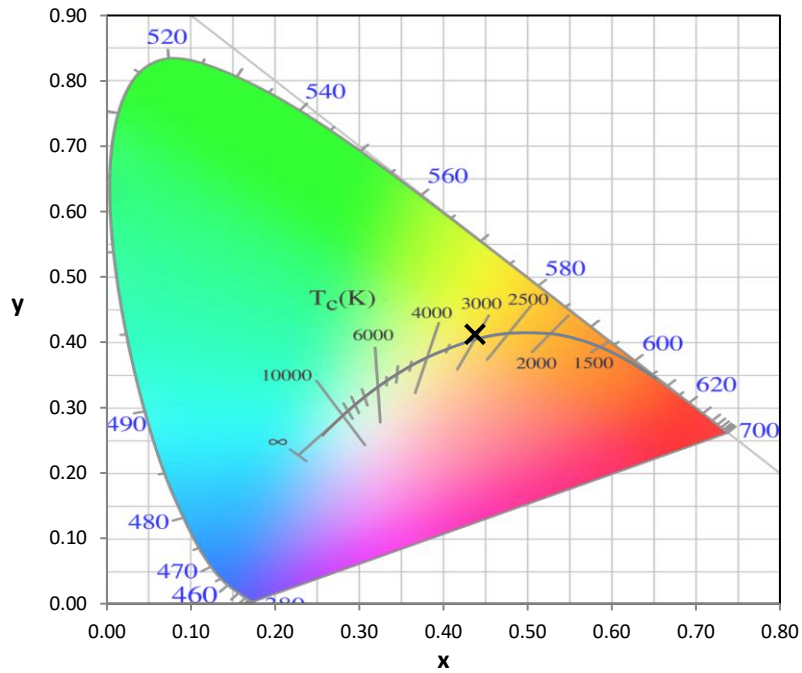
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

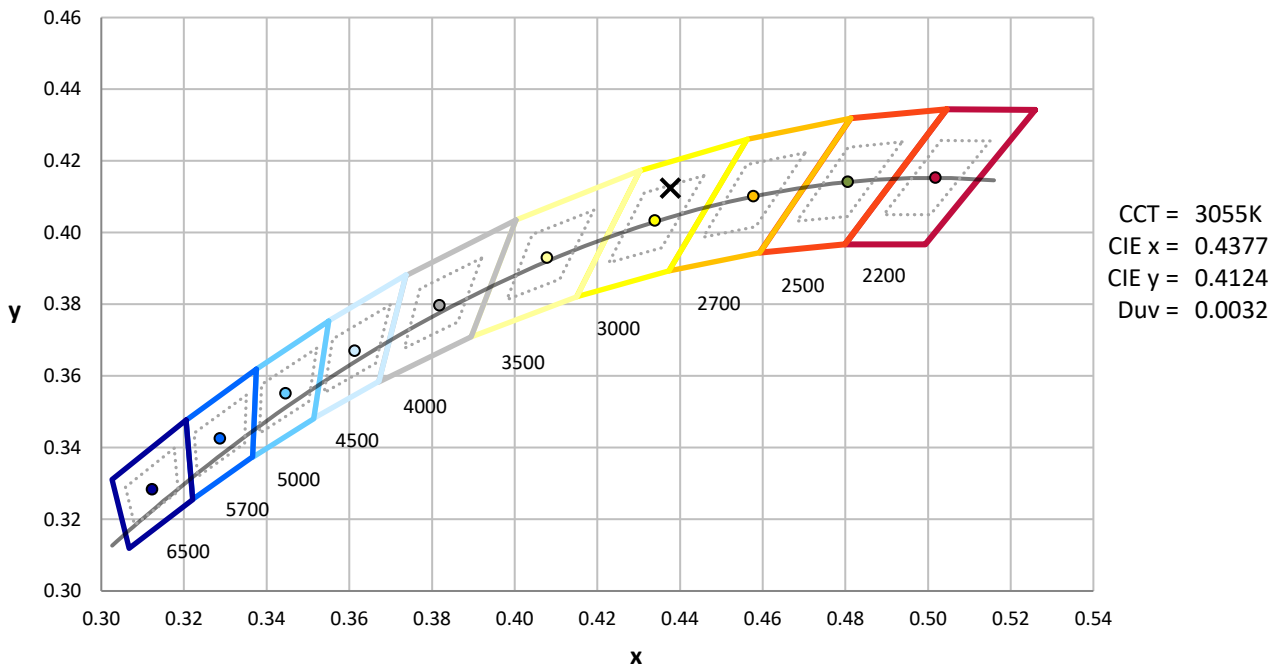
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



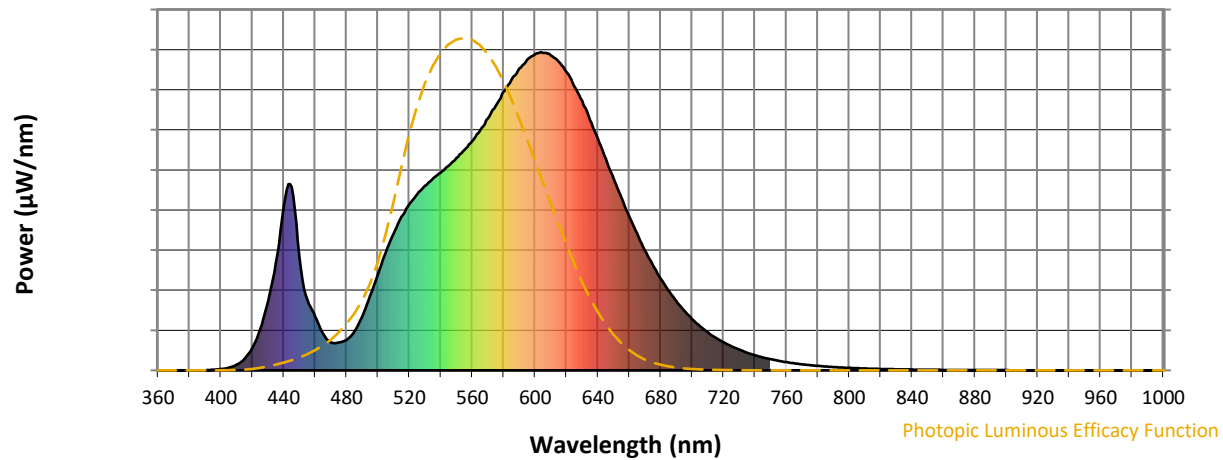
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

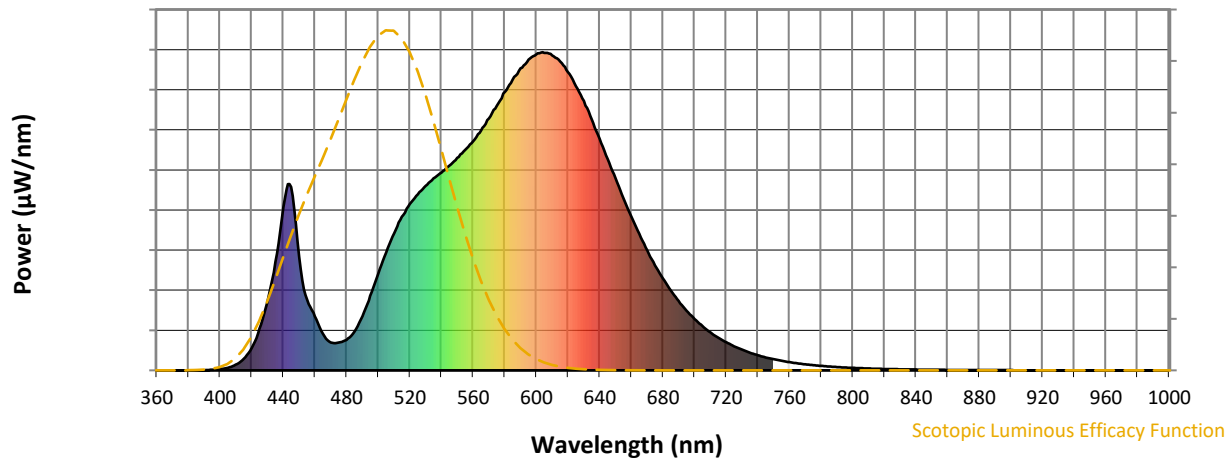


Photopic Lumens: NR

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



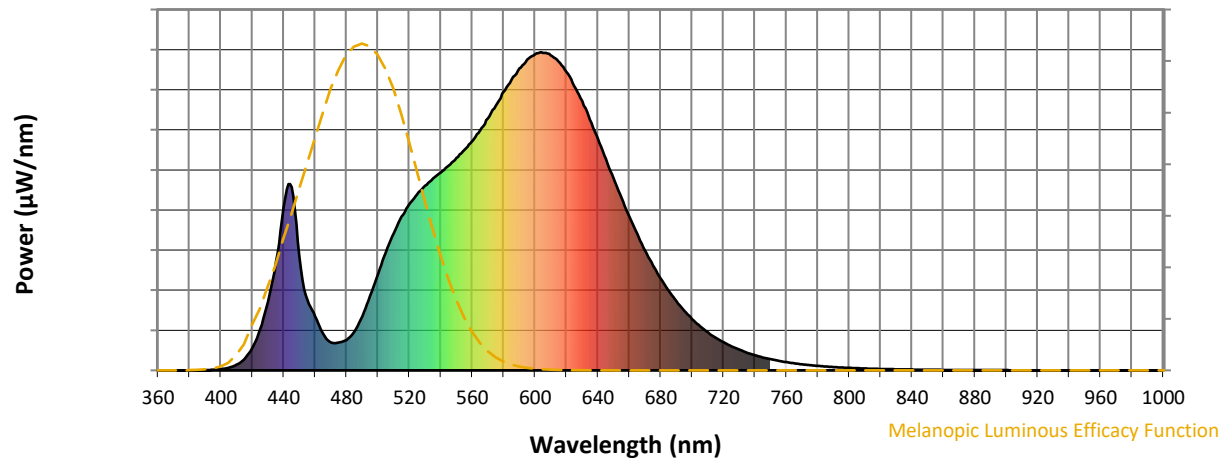
Scotopic Lumens: NR

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

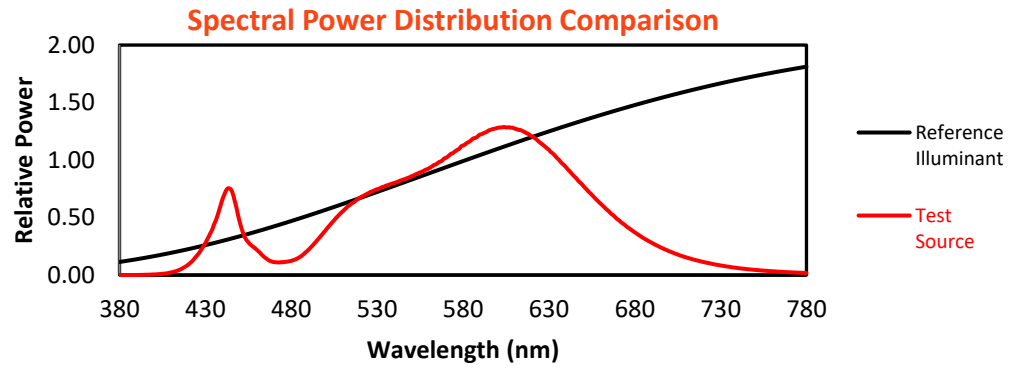
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170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

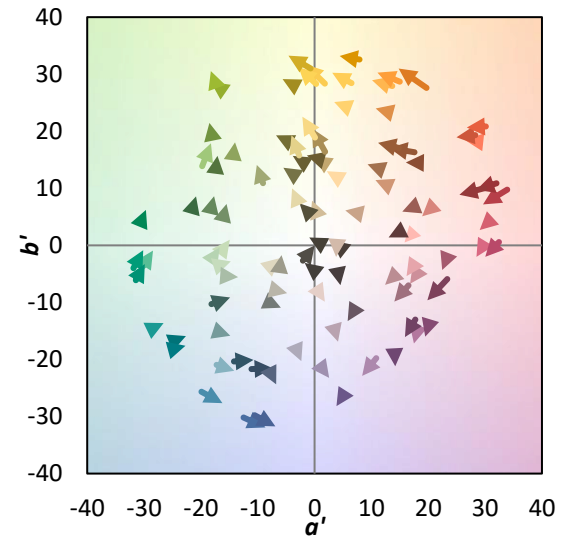
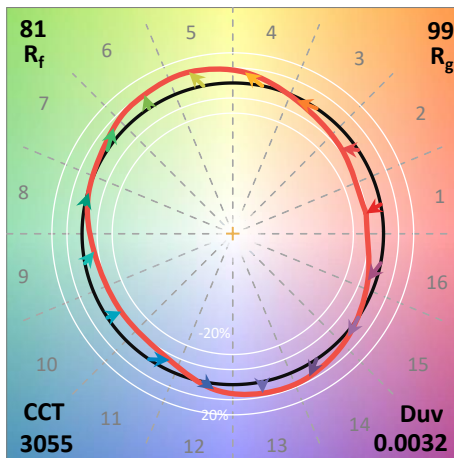
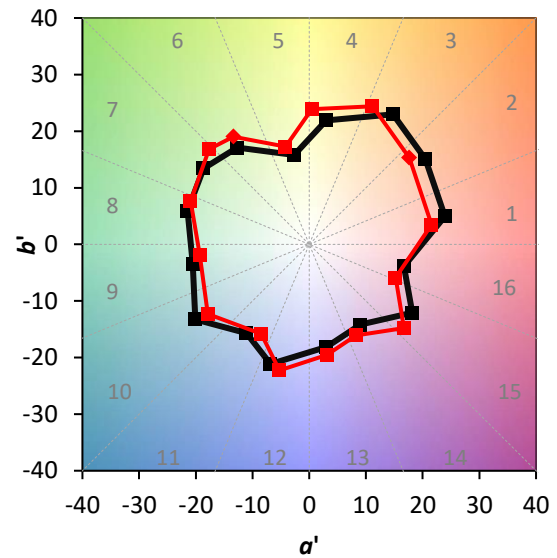
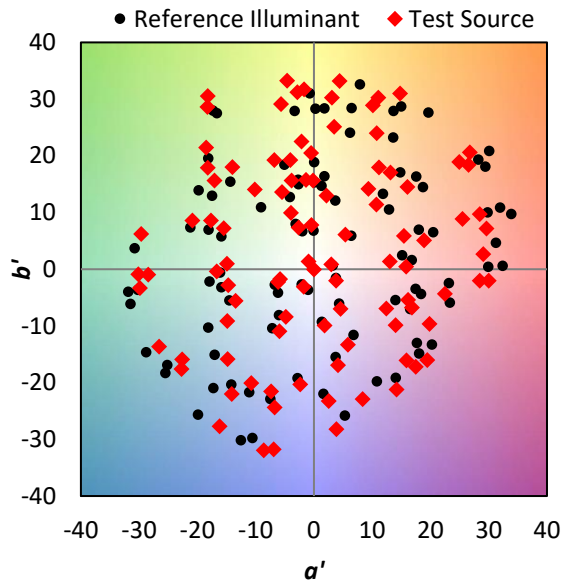
TM-30-18

Summary

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

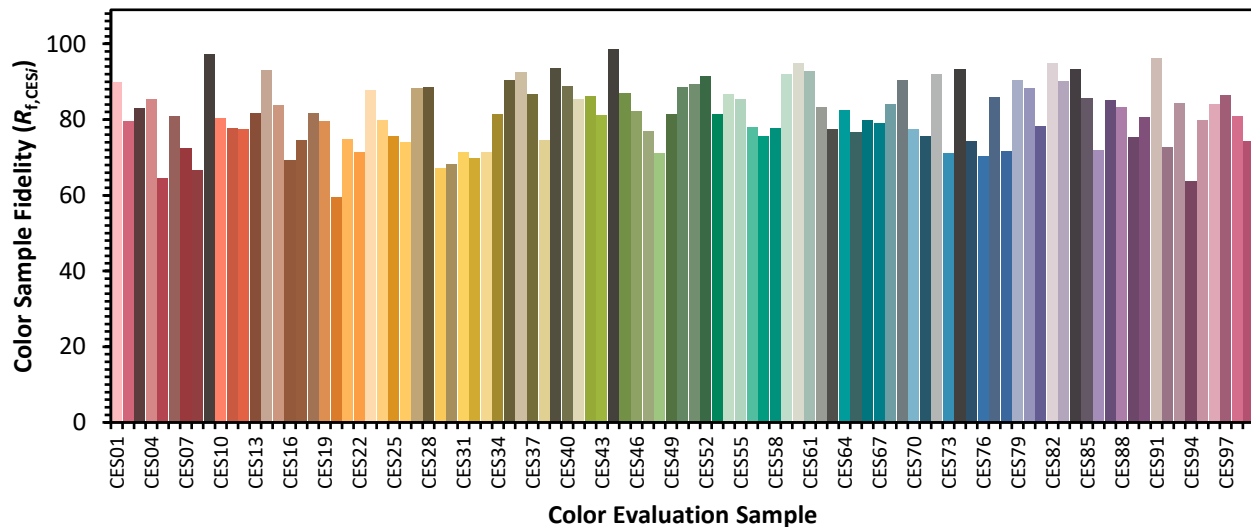


Color Vector Graphics

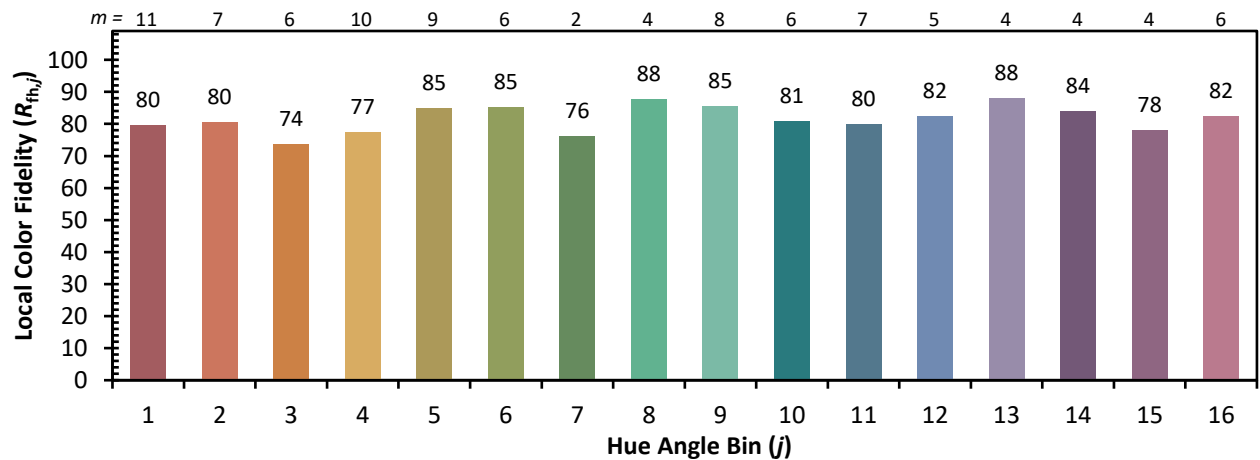
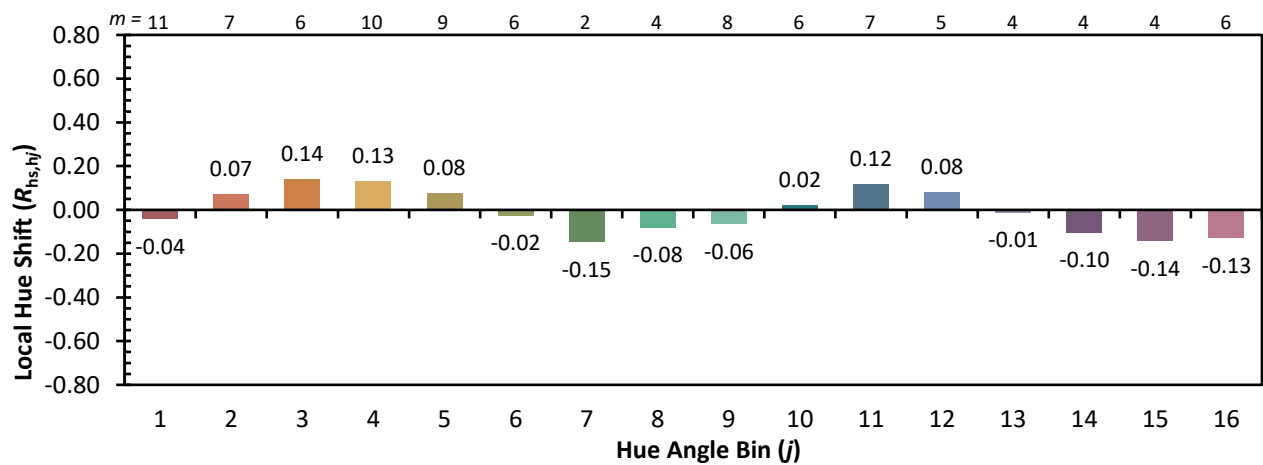
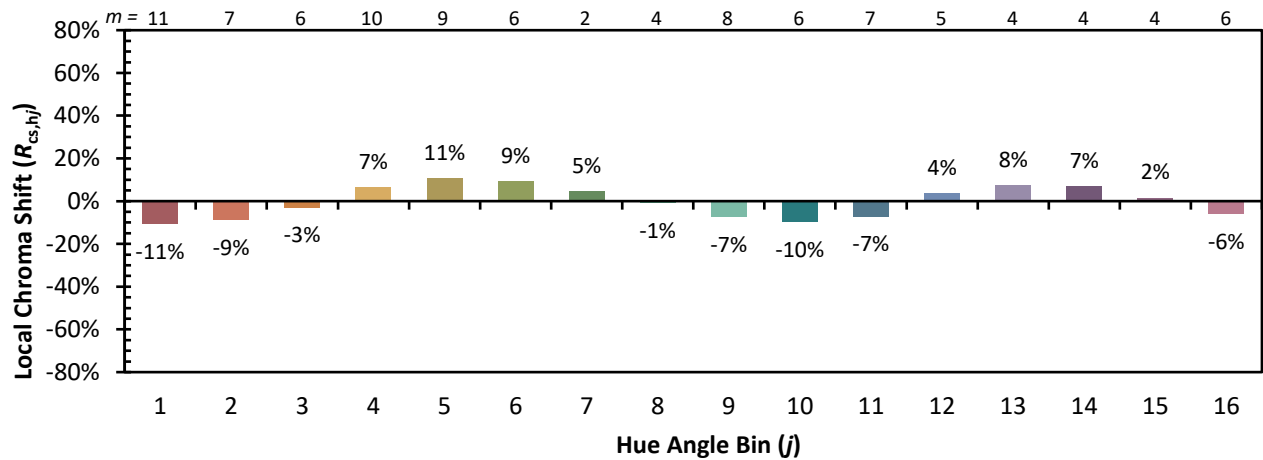


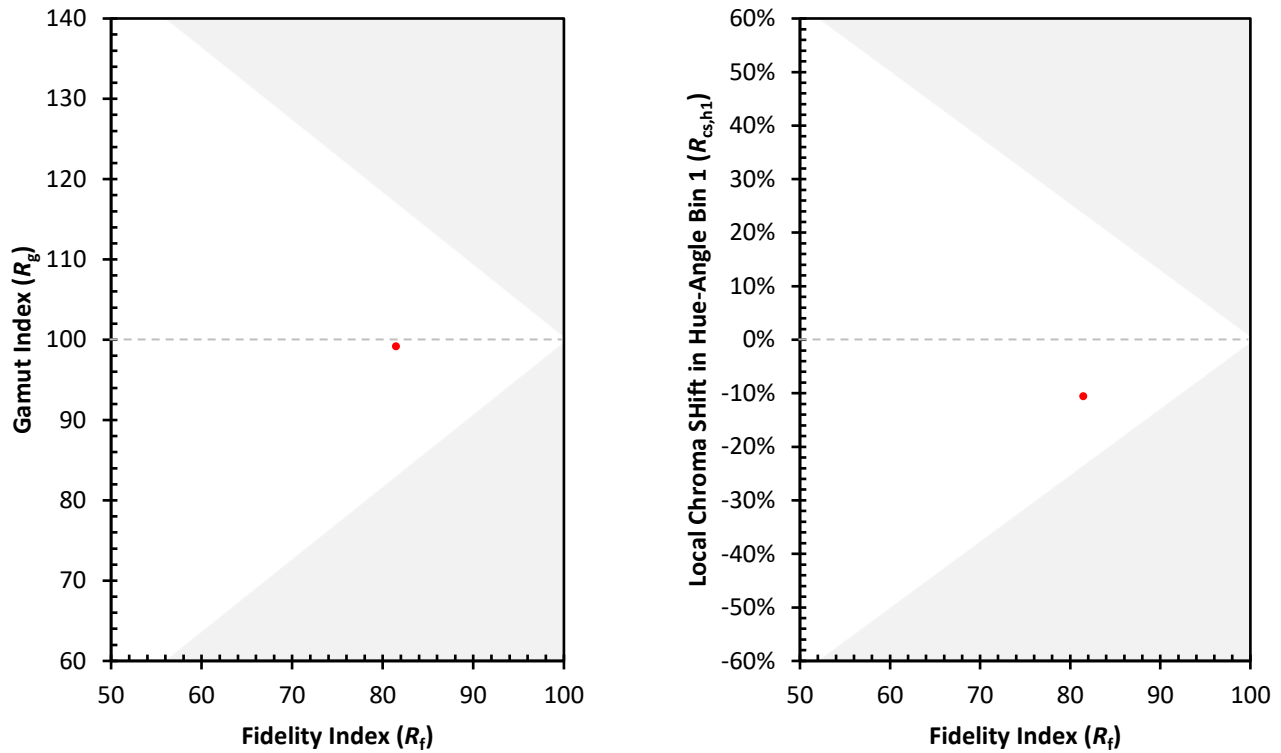
Individual Sample Fidelity Index ($R_{f,i}$)

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)