

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: P1067323

Luminaire Tested: **NAV-SA2C-827-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067323
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-827-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8089.6 lumens
Efficiency: N/A
Efficacy: 84.1 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

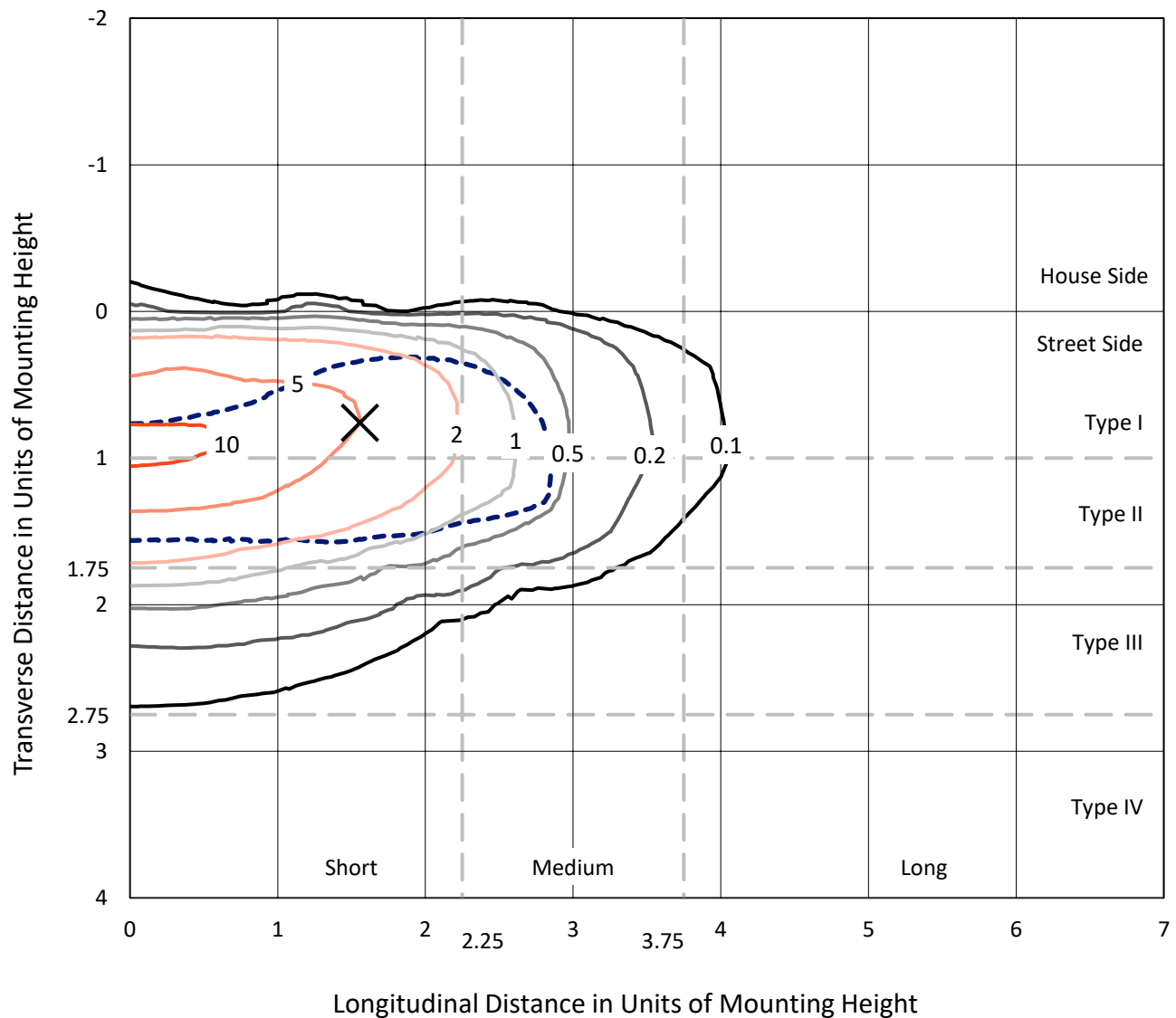


REPORT NUMBER: P1067323

CATALOG NUMBER: NAV-SA2C-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

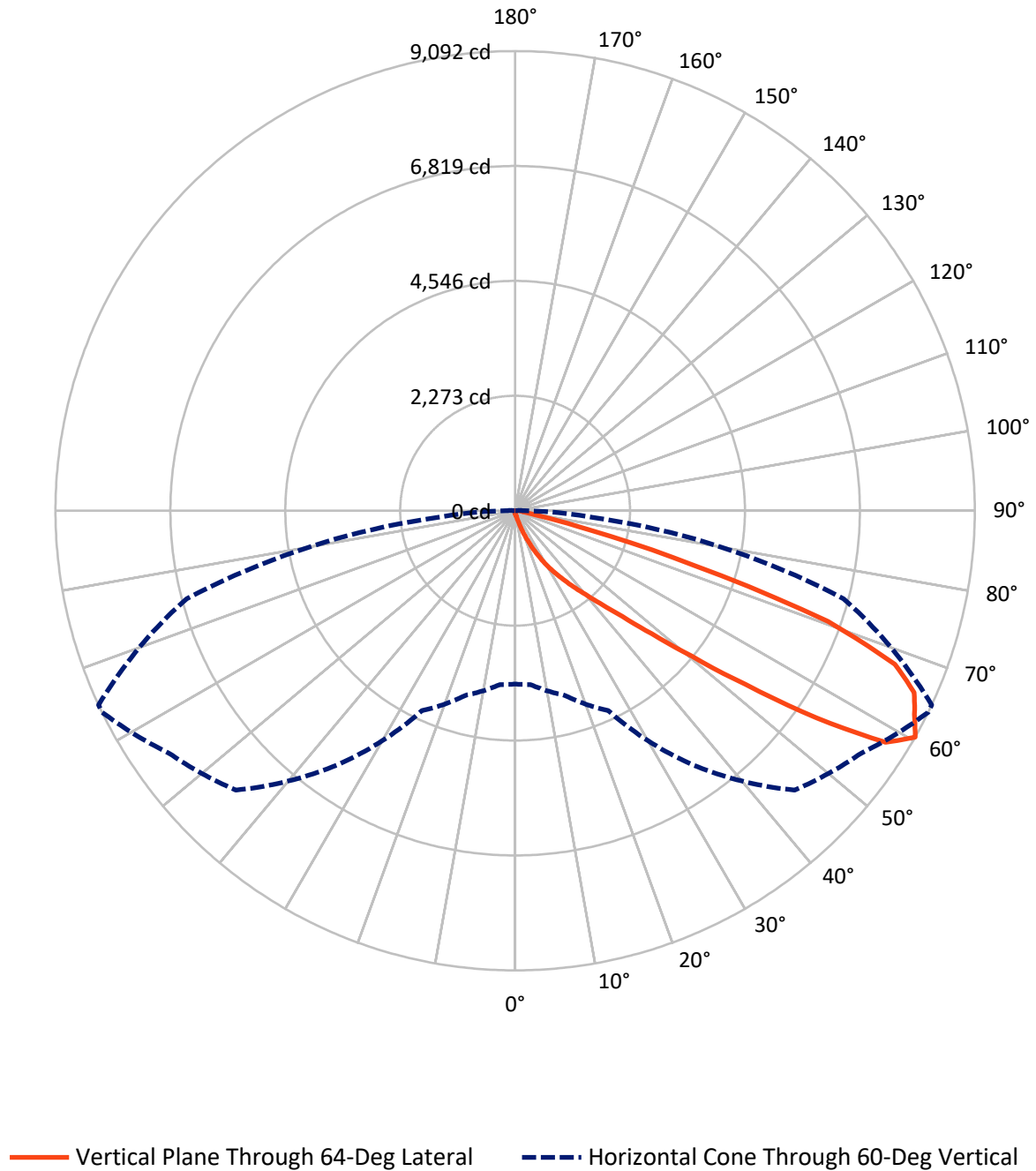


Based on 15 foot mounting height. Maximum calculated value = 11.6 fc
 Type II - Short - N/A

REPORT NUMBER: P1067323

CATALOG NUMBER: NAV-SA2C-827-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067323

CATALOG NUMBER: NAV-SA2C-827-U-T2BC

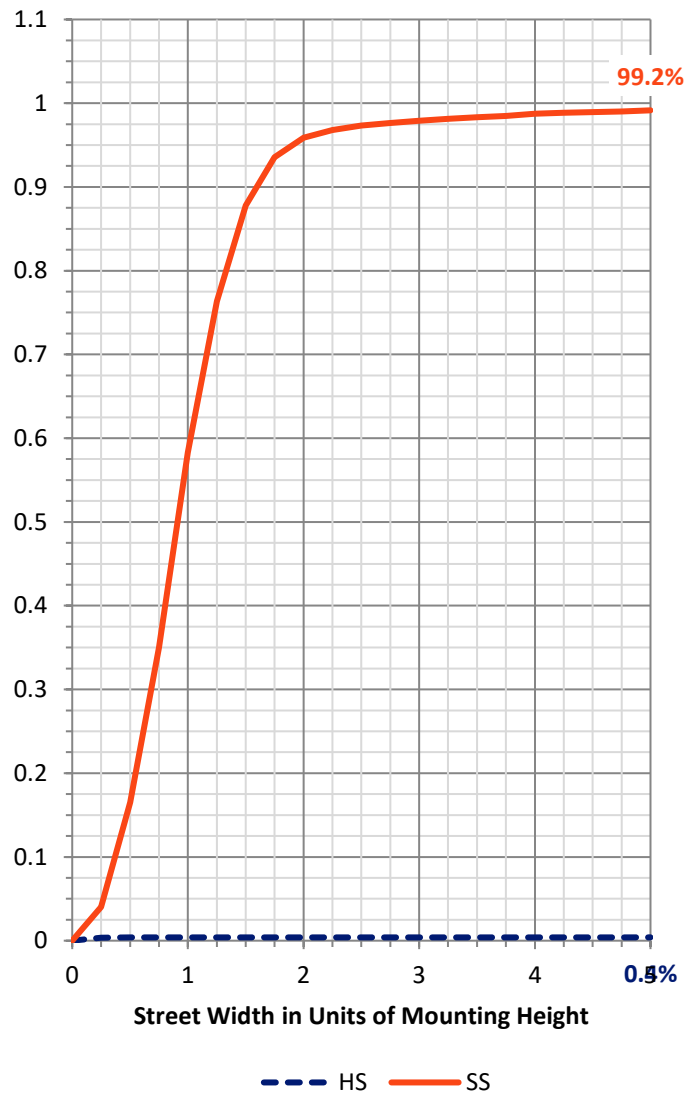
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	32.8	0.0	32.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8056.8	0.0	8056.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	8089.6	0.0	8089.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.1	0.1
10°-20°	79.5	1.0
20°-30°	264.0	3.3
30°-40°	704.5	8.7
40°-50°	1790.7	22.1
50°-60°	2610.4	32.3
60°-70°	2016.3	24.9
70°-80°	553.7	6.8
80°-90°	62.5	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°	8089.6	100.0
0°-180°	8089.6	100.0



REPORT NUMBER: P1067323

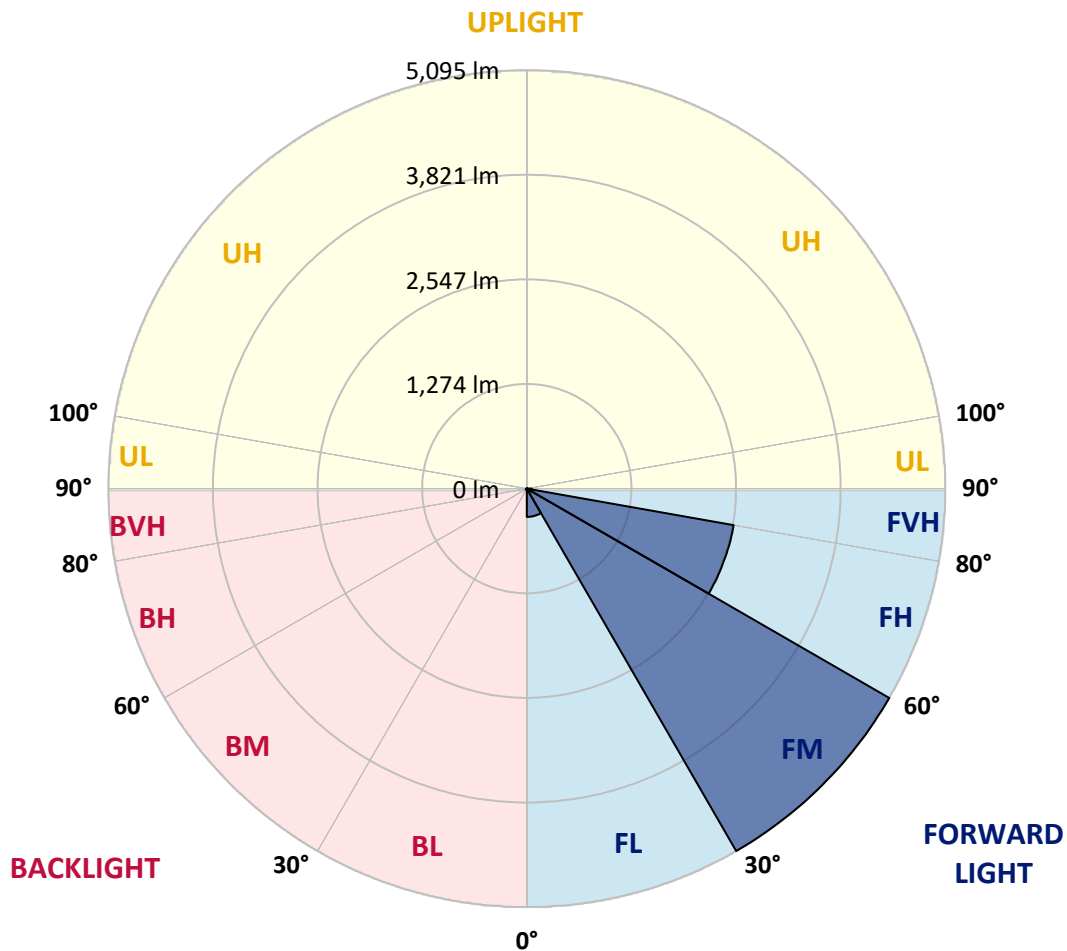
CATALOG NUMBER: NAV-SA2C-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	344.2	4.3			
FM	(30°-60°)	5094.7	63.0			
FH	(60°-80°)	2556.9	31.6			G2/5000
FVH	(80°-90°)	61.0	0.8			G1/100
BL	(0°-30°)	7.4	0.1	B0/110		
BM	(30°-60°)	10.9	0.1	B0/220		
BH	(60°-80°)	13.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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: P1067323

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	71.3	71.3	71.3	69.0	66.8	66.8	64.6	62.4	62.4	57.9	55.7
5°	109.1	109.1	104.7	100.2	93.5	84.6	75.7	69.0	69.0	62.4	57.9
7.5°	213.8	220.5	200.4	175.9	142.5	120.2	95.8	80.2	77.9	66.8	57.9
10°	463.2	458.7	427.5	367.4	289.5	209.3	133.6	98.0	93.5	71.3	57.9
12.5°	697.0	703.7	670.3	603.5	509.9	371.9	229.4	126.9	122.5	77.9	57.9
15°	897.4	897.4	875.1	841.7	739.3	594.6	369.6	189.3	173.7	84.6	55.7
17.5°	1035.5	1033.2	1024.3	1015.4	955.3	806.1	565.6	302.8	267.2	100.2	55.7
20°	1191.3	1184.7	1195.8	1178.0	1131.2	1013.2	772.7	449.8	416.4	126.9	55.7
22.5°	1353.9	1360.6	1369.5	1351.7	1300.4	1198.0	990.9	639.1	603.5	175.9	57.9
25°	1561.0	1556.5	1576.6	1561.0	1496.4	1376.2	1195.8	846.2	795.0	244.9	62.4
27.5°	1814.8	1805.9	1819.3	1779.2	1694.6	1572.1	1378.4	1057.7	997.6	351.8	71.3
30°	2151.1	2157.8	2097.6	2050.9	1930.6	1768.1	1581.0	1284.9	1222.5	478.8	80.2
32.5°	2681.1	2634.3	2540.8	2351.5	2193.4	1986.3	1783.7	1483.0	1427.4	641.3	93.5
35°	3507.2	3516.1	3311.2	2843.6	2500.7	2260.2	2006.3	1701.3	1661.2	826.1	111.3
37.5°	4513.7	4489.2	4308.8	3718.7	2950.5	2600.9	2260.2	1939.5	1881.6	1026.5	133.6
40°	5653.8	5551.4	5446.7	5045.9	3888.0	3028.4	2580.8	2215.7	2171.1	1258.1	169.2
42.5°	6566.8	6540.1	6557.9	6390.9	5451.2	3756.6	3006.2	2554.1	2500.7	1545.4	231.6
45°	7016.6	6978.8	7085.6	7210.3	6969.8	5306.4	3692.0	2986.1	2914.9	1883.9	327.3
47.5°	6896.4	6869.6	7099.0	7343.9	7664.6	7103.5	4812.1	3631.9	3509.4	2318.1	469.9
50°	6304.0	6306.3	6682.6	7139.1	7646.8	8014.2	6471.0	4515.9	4362.3	2894.8	692.5
52.5°	5727.3	5745.1	6143.7	6809.5	7381.8	8121.1	7927.4	5707.3	5457.9	3574.0	955.3
55°	5135.0	5143.9	5495.7	6433.2	7257.1	7802.7	8675.6	7241.5	6976.5	4420.2	1211.4
57.5°	4564.9	4564.9	4696.3	5529.1	7121.3	7773.7	8586.5	8644.4	8428.4	5386.6	1400.6
60°	3429.3	3451.5	3778.9	4362.3	6141.5	7816.0	8359.4	9092.0	9092.0	6727.1	1545.4
62.5°	1732.4	1765.8	2173.3	2741.2	4213.1	7232.6	8395.0	8867.1	8902.7	7909.6	1875.0
65°	812.8	850.6	1068.9	1469.7	2266.9	5090.4	8025.3	8675.6	8664.4	7684.6	2569.7
67.5°	583.4	594.6	668.0	857.3	1220.3	2231.2	6125.9	8103.3	8107.7	6528.9	2954.9
70°	523.3	523.3	541.1	596.8	734.8	997.6	2977.2	6562.3	6880.8	5041.4	2738.9
72.5°	516.6	512.2	507.7	509.9	496.6	501.0	1022.1	3705.4	4159.6	3527.2	2184.5
75°	503.3	503.3	498.8	483.2	396.4	322.9	351.8	1498.6	1732.4	2355.9	1621.1
77.5°	398.6	438.7	485.4	456.5	363.0	242.7	204.9	434.2	547.8	1445.2	1175.7
80°	184.8	187.1	184.8	193.7	231.6	173.7	151.4	211.5	213.8	801.6	728.2
82.5°	133.6	135.8	129.2	115.8	102.4	93.5	124.7	155.9	167.0	367.4	271.7
85°	40.1	37.9	44.5	60.1	71.3	82.4	104.7	131.4	138.1	135.8	40.1
87.5°	17.8	17.8	22.3	31.2	42.3	62.4	91.3	120.2	122.5	140.3	11.1
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: P1067323

CATALOG NUMBER: NAV-SA2C-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
2.5°	55.7	53.4	51.2	49.0	46.8	44.5	42.3	42.3	44.5	44.5	44.5
5°	53.4	51.2	46.8	42.3	40.1	37.9	35.6	35.6	37.9	37.9	37.9
7.5°	53.4	49.0	44.5	40.1	35.6	33.4	31.2	31.2	31.2	33.4	33.4
10°	53.4	49.0	42.3	35.6	31.2	28.9	26.7	24.5	26.7	26.7	26.7
12.5°	51.2	46.8	40.1	33.4	26.7	22.3	20.0	20.0	20.0	20.0	20.0
15°	49.0	44.5	37.9	28.9	22.3	17.8	13.4	13.4	13.4	15.6	15.6
17.5°	46.8	42.3	33.4	22.3	15.6	11.1	8.9	8.9	8.9	11.1	11.1
20°	46.8	40.1	28.9	17.8	11.1	6.7	4.5	4.5	4.5	6.7	8.9
22.5°	46.8	40.1	26.7	13.4	6.7	4.5	2.2	2.2	2.2	2.2	2.2
25°	46.8	37.9	24.5	11.1	4.5	2.2	0.0	0.0	2.2	4.5	6.7
27.5°	46.8	35.6	20.0	6.7	4.5	2.2	0.0	2.2	4.5	4.5	4.5
30°	46.8	35.6	17.8	6.7	2.2	0.0	0.0	2.2	4.5	4.5	6.7
32.5°	49.0	33.4	15.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	51.2	31.2	13.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	55.7	31.2	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	62.4	33.4	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	77.9	35.6	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	109.1	44.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	160.3	66.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	233.8	91.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	287.3	91.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	285.0	57.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	218.2	40.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	184.8	28.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	222.7	22.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	396.4	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	636.9	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	712.6	20.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	556.7	17.8	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.1	15.6	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	153.6	11.1	4.5	2.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	64.6	8.9	4.5	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0
82.5°	22.3	8.9	4.5	4.5	2.2	2.2	0.0	0.0	0.0	0.0	0.0
85°	11.1	6.7	6.7	4.5	4.5	2.2	2.2	0.0	0.0	0.0	0.0
87.5°	6.7	6.7	6.7	4.5	4.5	2.2	2.2	0.0	0.0	0.0	2.2
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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

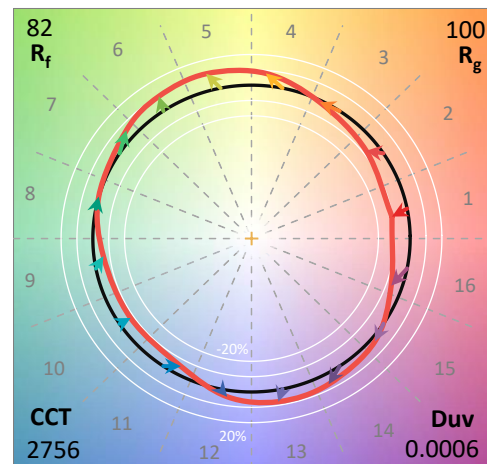
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

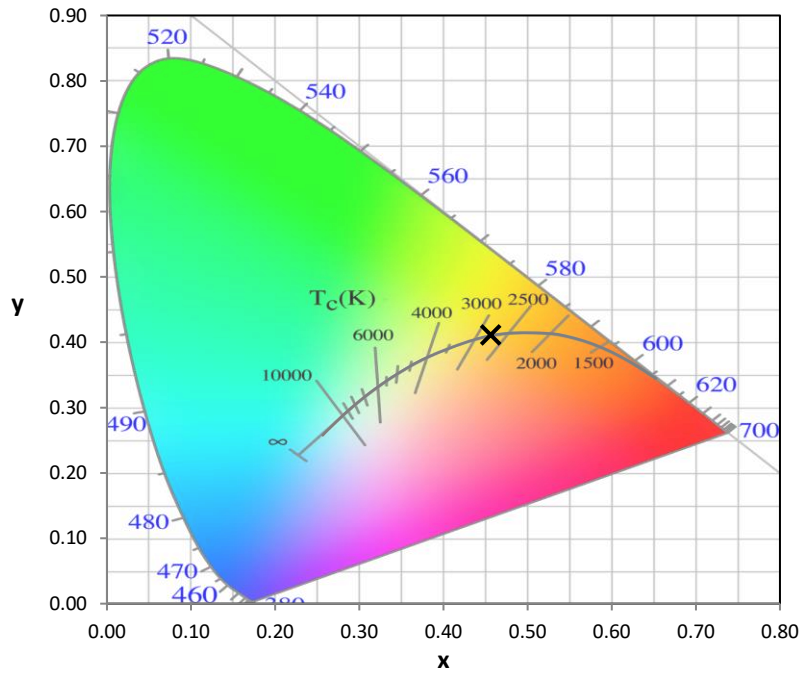
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

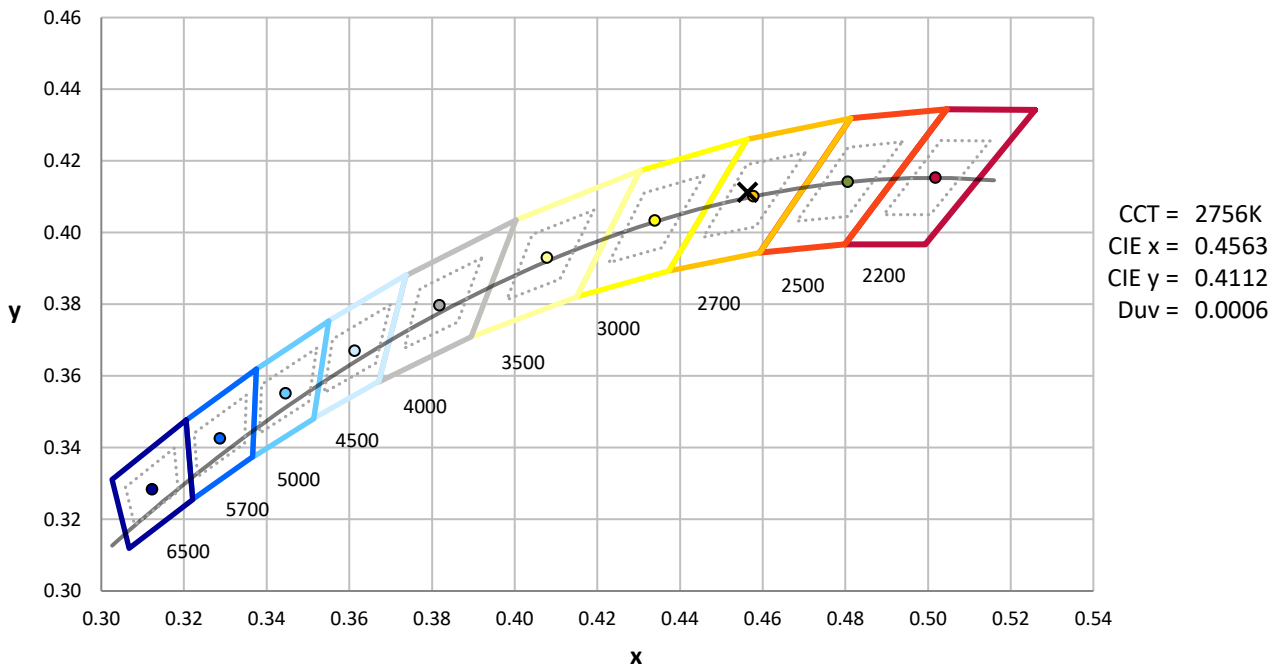
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram

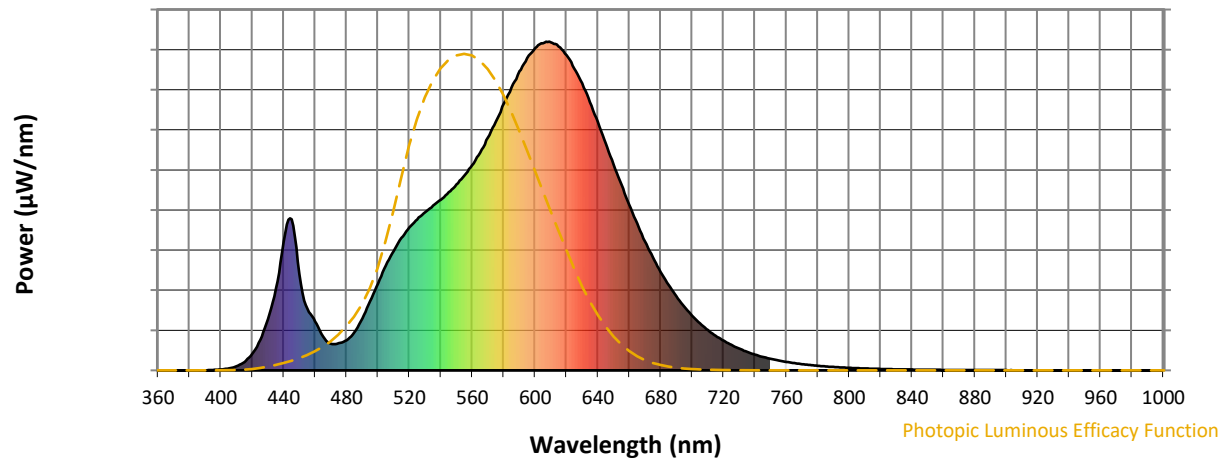


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

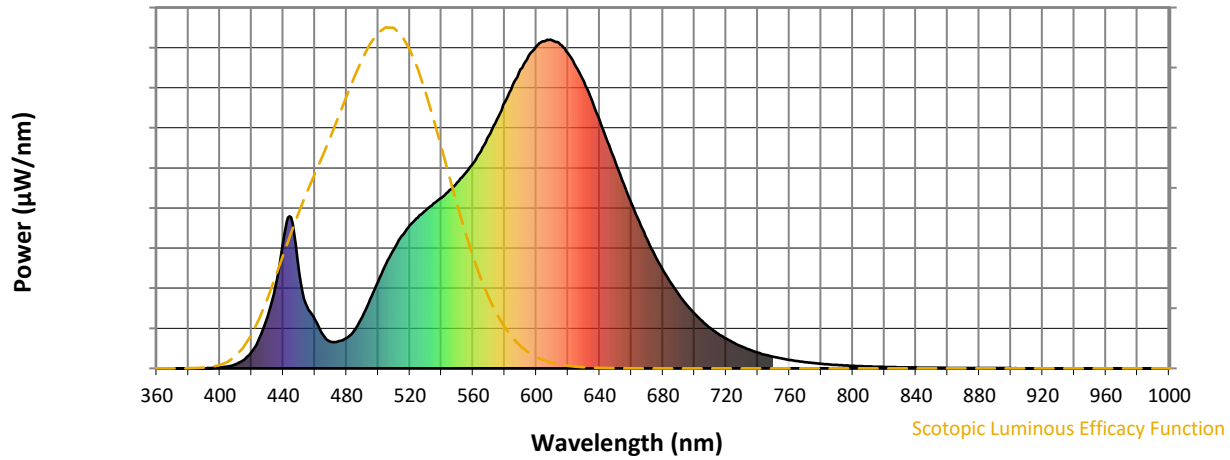


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

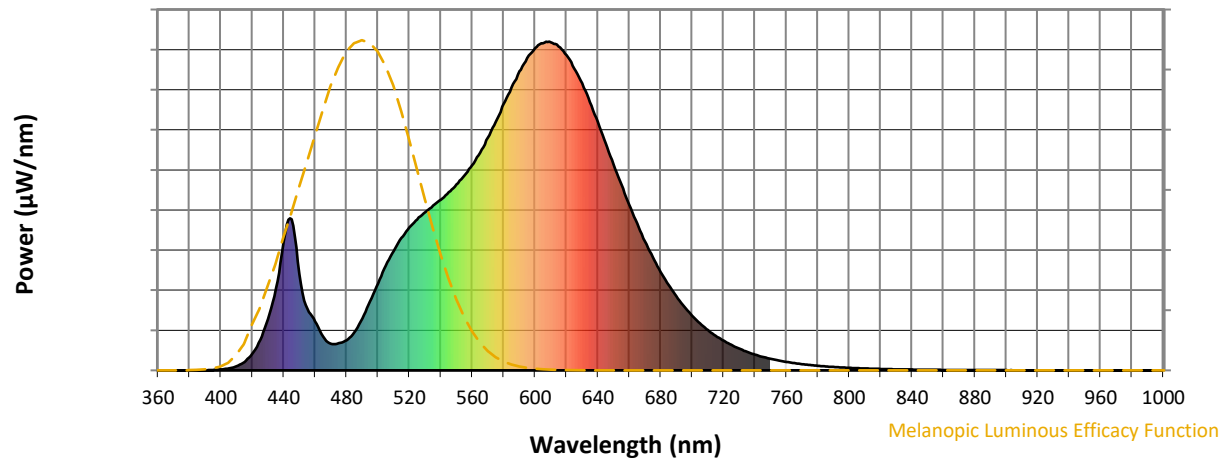


Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.16

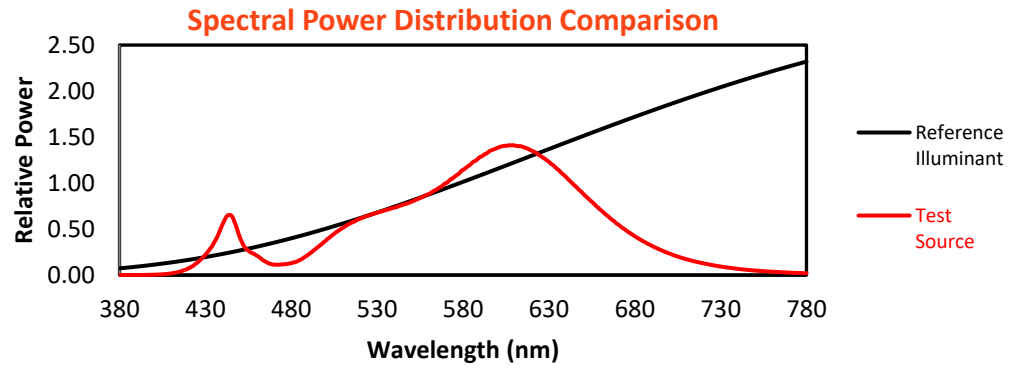
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

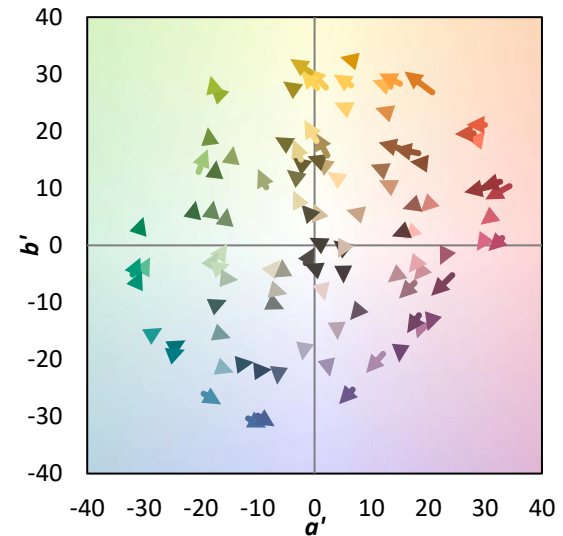
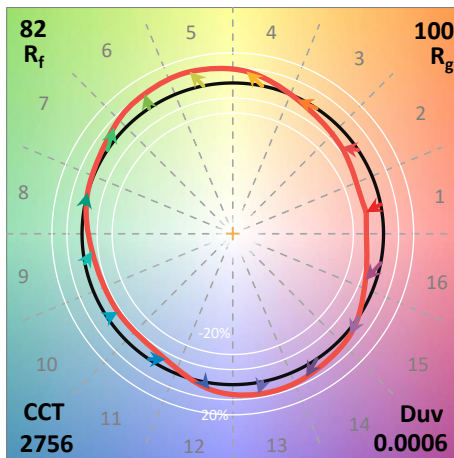
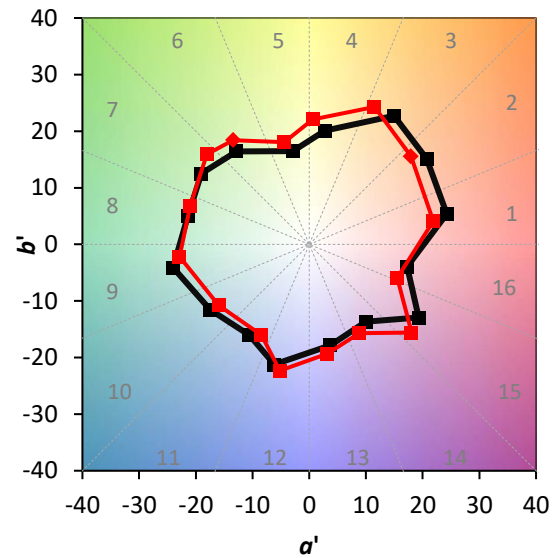
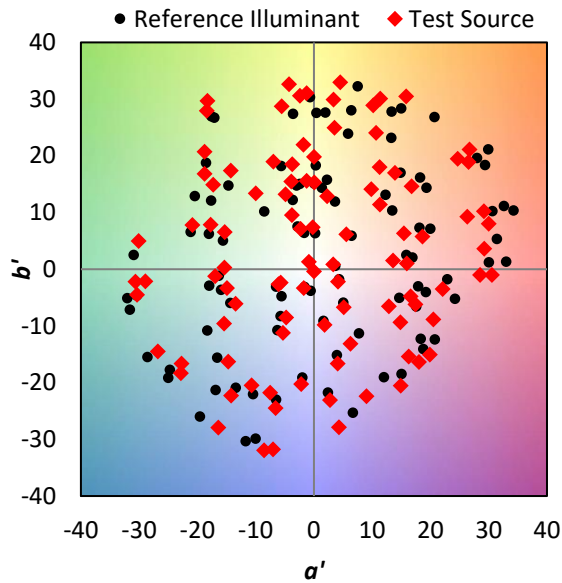
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

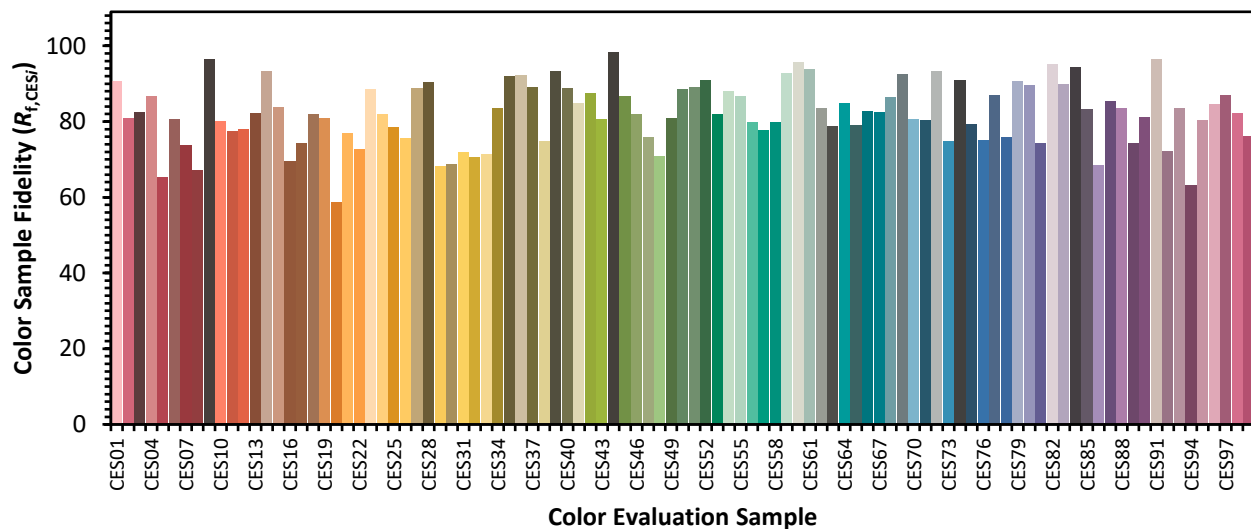


Color Vector Graphics

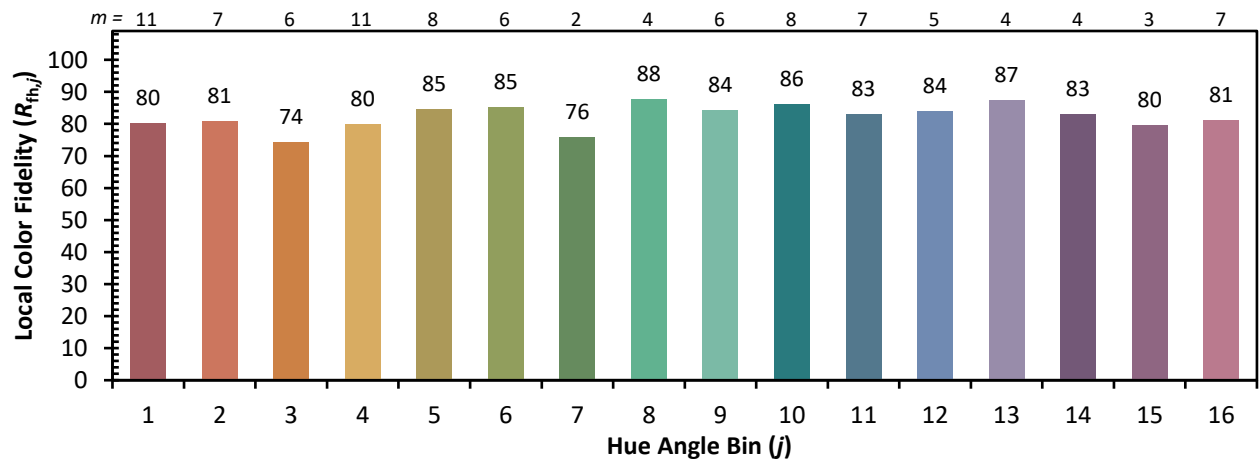
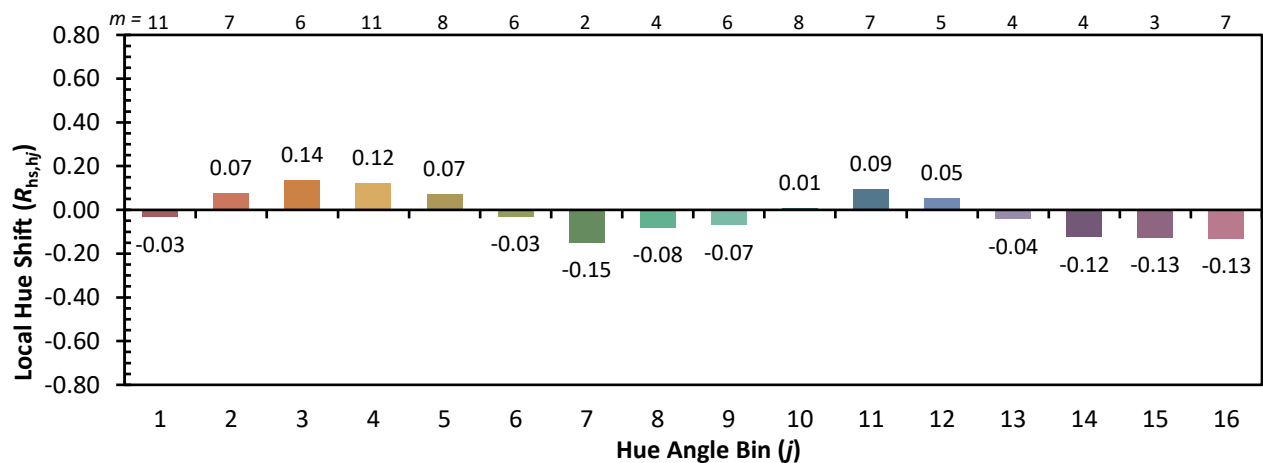
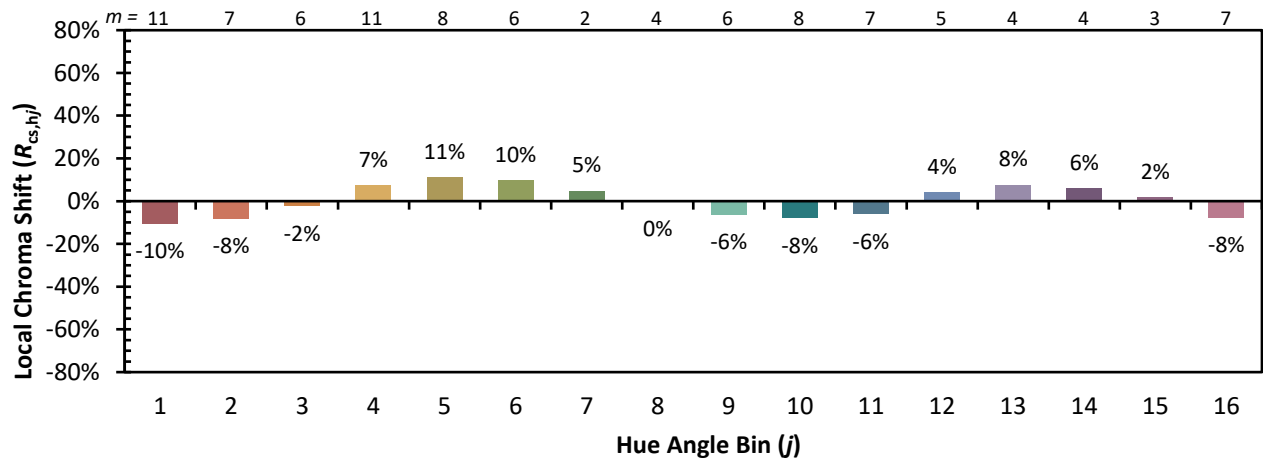


Individual Sample Fidelity Index ($R_{f,i}$)

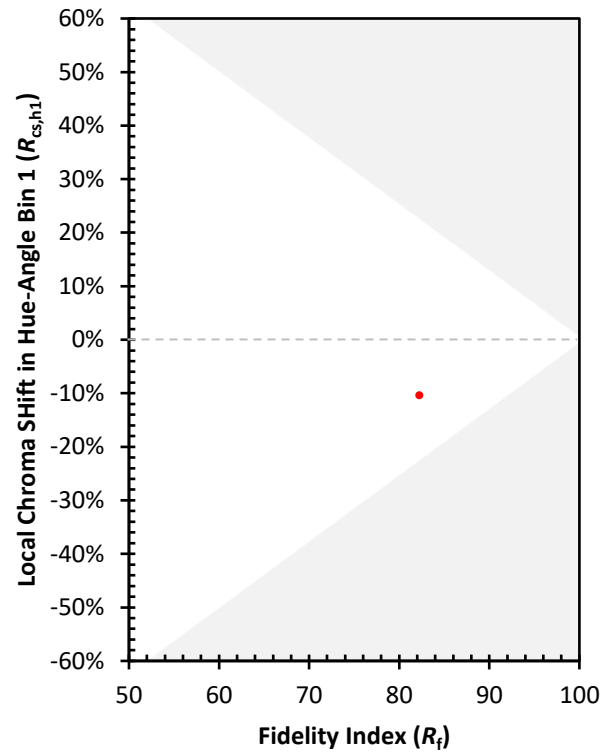
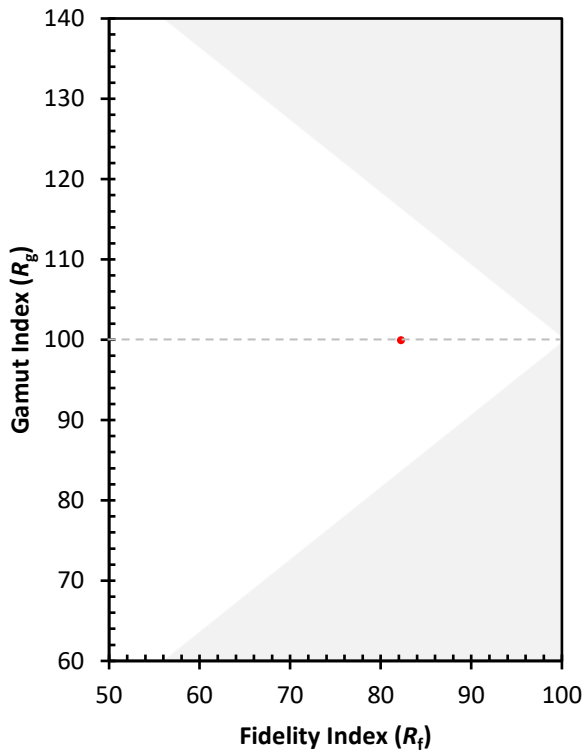
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)