

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: P1066005

Luminaire Tested: **NVN-SA3A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066005
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8830 lumens
Efficiency: N/A
Efficacy: 107.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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



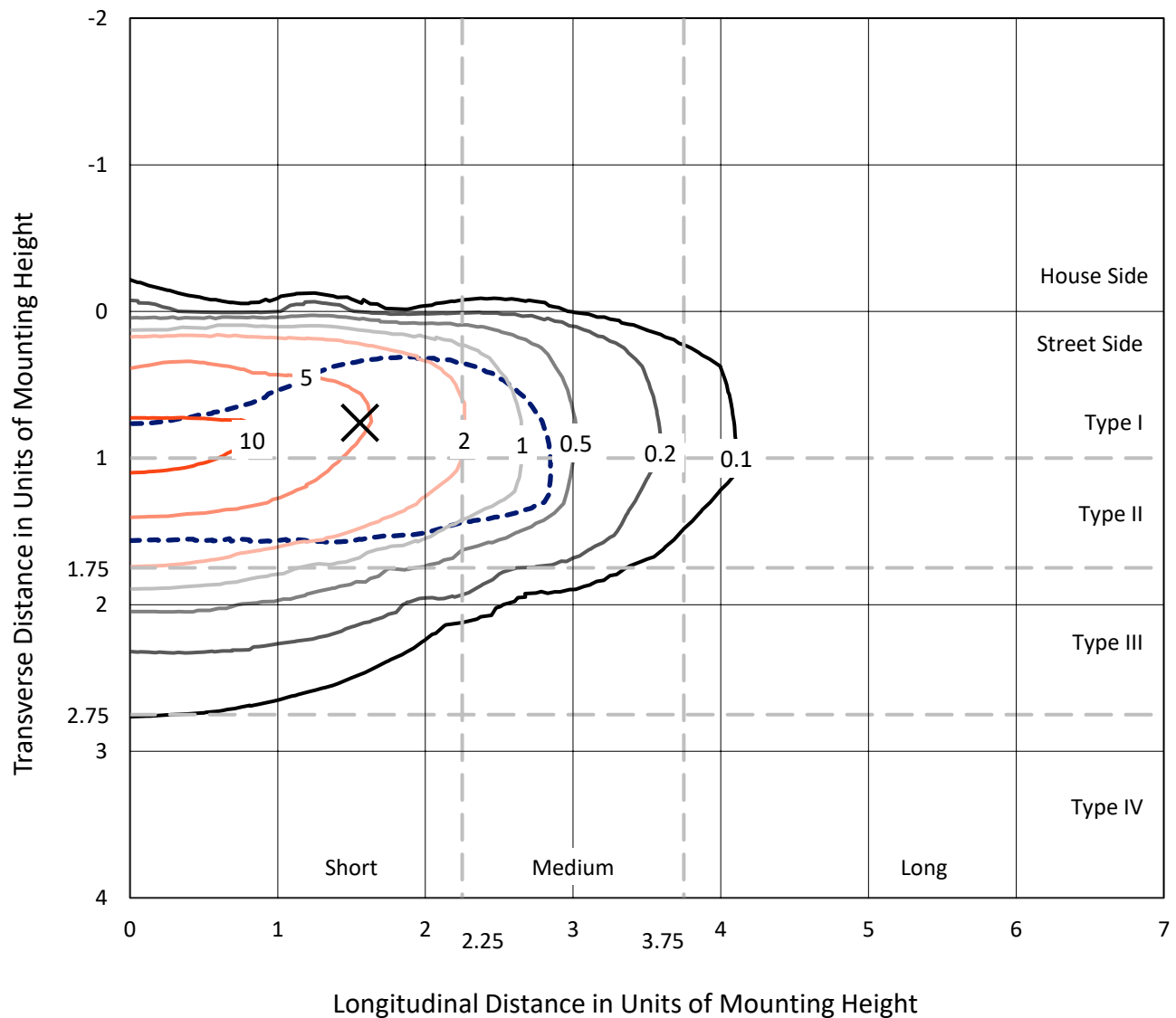
REPORT NUMBER: P1066005

CATALOG NUMBER: NVN-SA3A-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

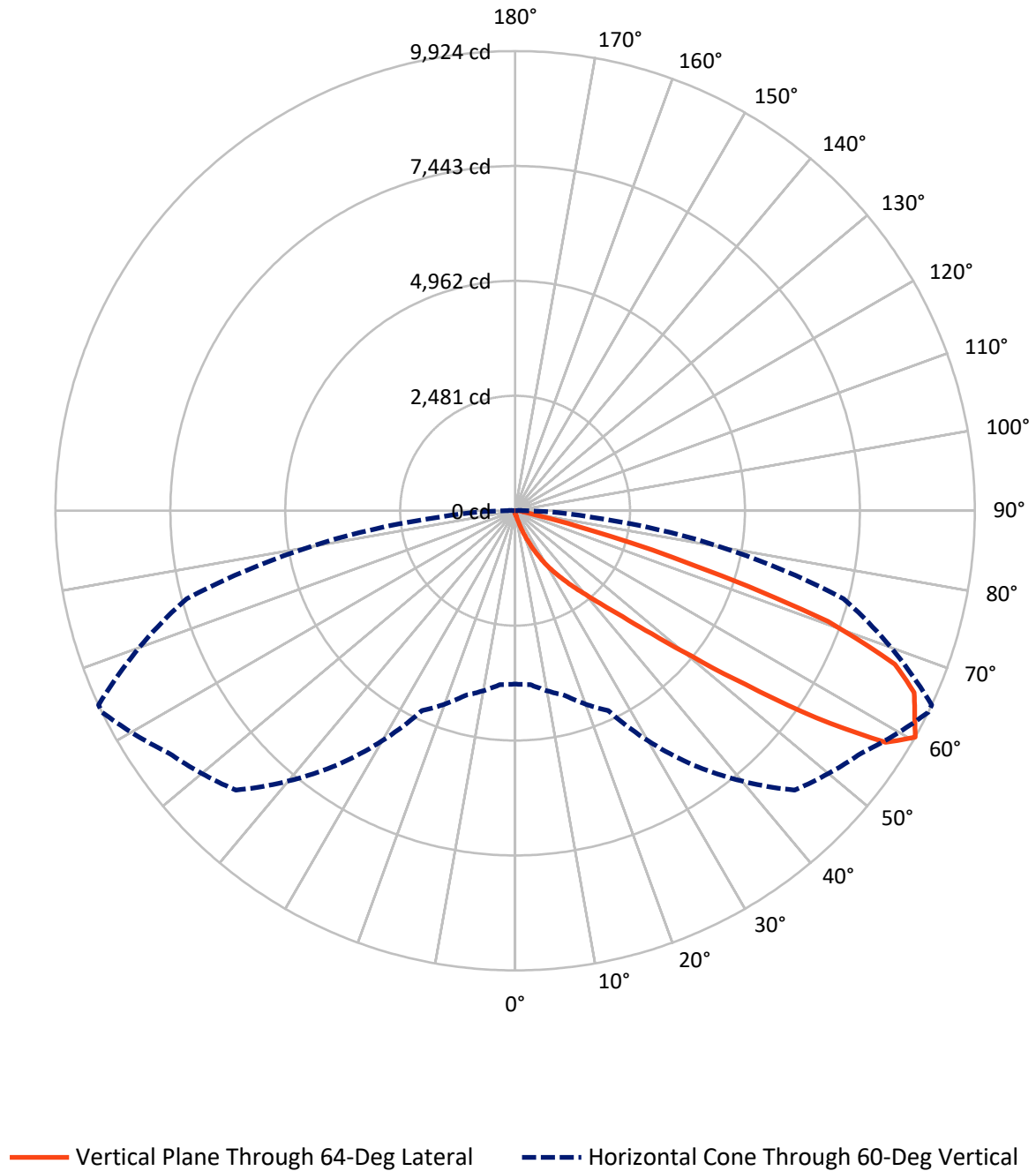


Based on 15 foot mounting height. Maximum calculated value = 12.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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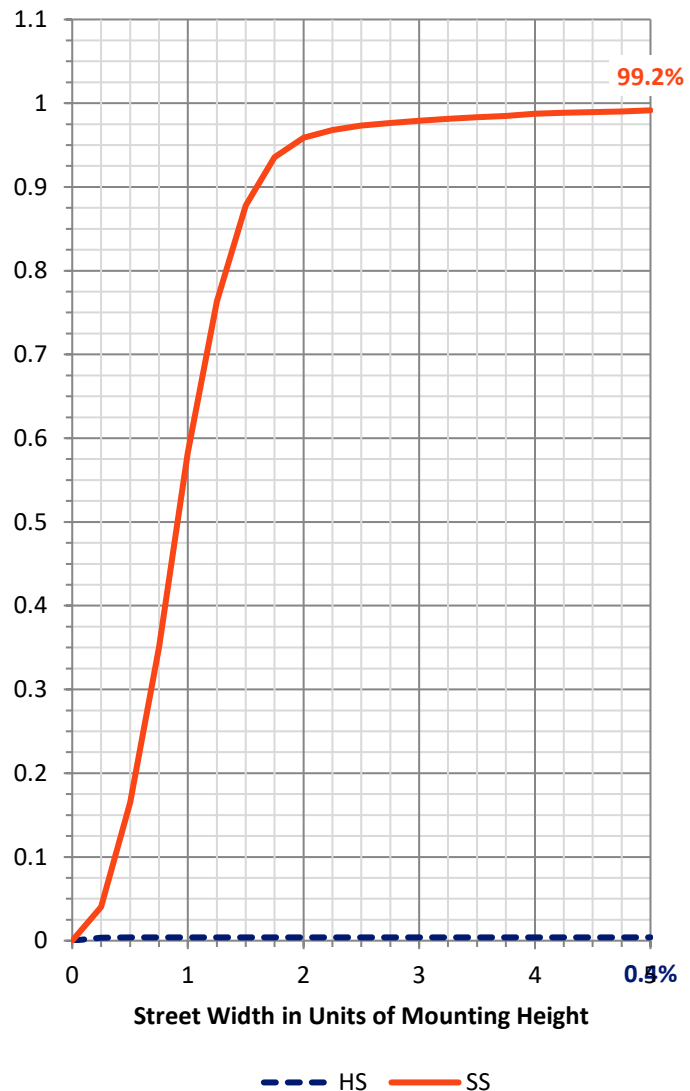
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.8	0.0	35.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8794.2	0.0	8794.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	8830.0	0.0	8830.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.1
10°-20°	86.8	1.0
20°-30°	288.2	3.3
30°-40°	769.0	8.7
40°-50°	1954.5	22.1
50°-60°	2849.3	32.3
60°-70°	2200.8	24.9
70°-80°	604.4	6.8
80°-90°	68.2	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°	8830.0	100.0
0°-180°	8830.0	100.0



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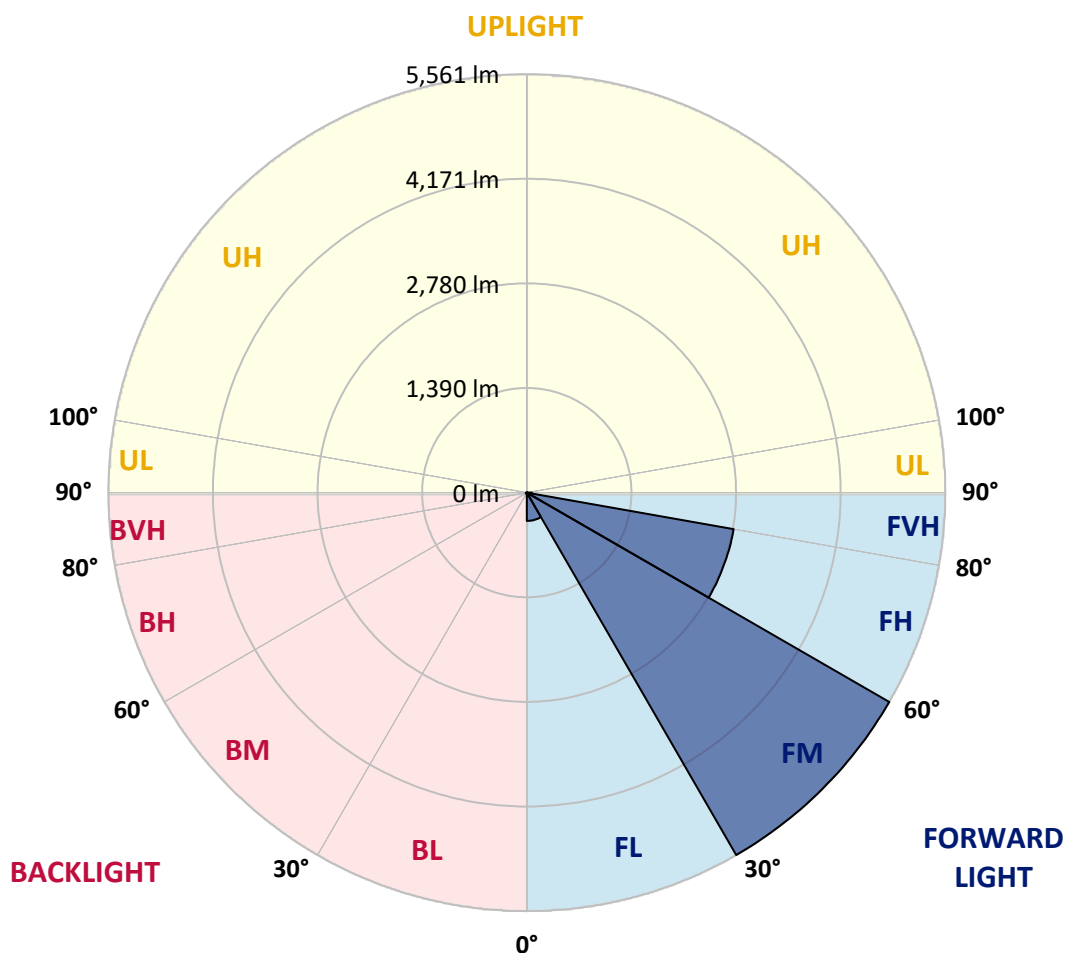
CATALOG NUMBER: NVN-SA3A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	375.7	4.3			
FM	(30°-60°)	5561.0	63.0			
FH	(60°-80°)	2790.9	31.6			G2/5000
FVH	(80°-90°)	66.6	0.8			G1/100
BL	(0°-30°)	8.0	0.1	B0/110		
BM	(30°-60°)	11.9	0.1	B0/220		
BH	(60°-80°)	14.3	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



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
2.5°	77.8	77.8	77.8	75.3	72.9	72.9	70.5	68.1	68.1	63.2	60.8
5°	119.1	119.1	114.2	109.4	102.1	92.4	82.6	75.3	75.3	68.1	63.2
7.5°	233.3	240.6	218.8	192.0	155.6	131.3	104.5	87.5	85.1	72.9	63.2
10°	505.6	500.7	466.7	401.0	316.0	228.5	145.8	106.9	102.1	77.8	63.2
12.5°	760.8	768.1	731.6	658.7	556.6	405.9	250.3	138.5	133.7	85.1	63.2
15°	979.5	979.5	955.2	918.8	807.0	649.0	403.5	206.6	189.6	92.4	60.8
17.5°	1130.2	1127.8	1118.1	1108.3	1042.7	879.9	617.4	330.6	291.7	109.4	60.8
20°	1300.4	1293.1	1305.2	1285.8	1234.7	1105.9	843.4	491.0	454.5	138.5	60.8
22.5°	1477.8	1485.1	1494.8	1475.4	1419.5	1307.7	1081.6	697.6	658.7	192.0	63.2
25°	1703.8	1699.0	1720.8	1703.8	1633.3	1502.1	1305.2	923.6	867.7	267.4	68.1
27.5°	1980.9	1971.2	1985.8	1942.0	1849.7	1716.0	1504.5	1154.5	1088.9	384.0	77.8
30°	2347.9	2355.2	2289.6	2238.6	2107.3	1929.9	1725.7	1402.4	1334.4	522.6	87.5
32.5°	2926.4	2875.4	2773.3	2566.7	2394.1	2168.1	1946.9	1618.8	1558.0	700.0	102.1
35°	3828.2	3837.9	3614.3	3103.8	2729.5	2467.0	2189.9	1857.0	1813.2	901.7	121.5
37.5°	4926.8	4900.0	4703.2	4059.1	3220.5	2838.9	2467.0	2117.0	2053.8	1120.5	145.8
40°	6171.2	6059.4	5945.2	5507.7	4243.8	3305.6	2817.0	2418.4	2369.8	1373.3	184.7
42.5°	7167.8	7138.6	7158.0	6975.8	5950.1	4100.4	3281.3	2787.9	2729.5	1686.8	252.8
45°	7658.7	7617.4	7734.1	7870.2	7607.7	5792.1	4029.9	3259.4	3181.6	2056.3	357.3
47.5°	7527.5	7498.3	7748.7	8016.0	8366.0	7753.5	5252.5	3964.3	3830.6	2530.2	512.9
50°	6881.0	6883.4	7294.2	7792.4	8346.6	8747.6	7063.3	4929.2	4761.5	3159.7	755.9
52.5°	6251.4	6270.9	6706.0	7432.7	8057.4	8864.3	8652.9	6229.6	5957.3	3901.1	1042.7
55°	5604.9	5614.6	5998.7	7021.9	7921.3	8516.7	9469.5	7904.2	7615.0	4824.7	1322.2
57.5°	4982.7	4982.7	5126.1	6035.1	7773.0	8485.1	9372.3	9435.5	9199.7	5879.6	1528.8
60°	3743.1	3767.4	4124.7	4761.5	6703.5	8531.3	9124.4	9924.0	9924.0	7342.8	1686.8
62.5°	1891.0	1927.4	2372.2	2992.0	4598.7	7894.5	9163.3	9678.6	9717.4	8633.4	2046.5
65°	887.2	928.5	1166.7	1604.2	2474.3	5556.3	8759.8	9469.5	9457.4	8387.9	2804.9
67.5°	636.8	649.0	729.2	935.8	1332.0	2435.4	6686.5	8844.9	8849.7	7126.5	3225.4
70°	571.2	571.2	590.6	651.4	802.1	1088.9	3249.7	7162.9	7510.5	5502.8	2989.6
72.5°	563.9	559.0	554.2	556.6	542.0	546.9	1115.6	4044.5	4540.3	3850.0	2384.4
75°	549.3	549.3	544.4	527.4	432.6	352.4	384.0	1635.8	1891.0	2571.6	1769.5
77.5°	435.1	478.8	529.9	498.3	396.2	264.9	223.6	474.0	597.9	1577.4	1283.3
80°	201.7	204.2	201.7	211.5	252.8	189.6	165.3	230.9	233.3	875.0	794.8
82.5°	145.8	148.3	141.0	126.4	111.8	102.1	136.1	170.1	182.3	401.0	296.5
85°	43.8	41.3	48.6	65.6	77.8	89.9	114.2	143.4	150.7	148.3	43.8
87.5°	19.4	19.4	24.3	34.0	46.2	68.1	99.7	131.3	133.7	153.1	12.2
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: NVN-SA3A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
2.5°	60.8	58.3	55.9	53.5	51.0	48.6	46.2	46.2	48.6	48.6	48.6
5°	58.3	55.9	51.0	46.2	43.8	41.3	38.9	38.9	41.3	41.3	41.3
7.5°	58.3	53.5	48.6	43.8	38.9	36.5	34.0	34.0	34.0	36.5	36.5
10°	58.3	53.5	46.2	38.9	34.0	31.6	29.2	26.7	29.2	29.2	29.2
12.5°	55.9	51.0	43.8	36.5	29.2	24.3	21.9	21.9	21.9	21.9	21.9
15°	53.5	48.6	41.3	31.6	24.3	19.4	14.6	14.6	14.6	17.0	17.0
17.5°	51.0	46.2	36.5	24.3	17.0	12.2	9.7	9.7	9.7	12.2	12.2
20°	51.0	43.8	31.6	19.4	12.2	7.3	4.9	4.9	4.9	7.3	9.7
22.5°	51.0	43.8	29.2	14.6	7.3	4.9	2.4	2.4	2.4	2.4	2.4
25°	51.0	41.3	26.7	12.2	4.9	2.4	0.0	0.0	2.4	4.9	7.3
27.5°	51.0	38.9	21.9	7.3	4.9	2.4	0.0	2.4	4.9	4.9	4.9
30°	51.0	38.9	19.4	7.3	2.4	0.0	0.0	2.4	4.9	4.9	7.3
32.5°	53.5	36.5	17.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	55.9	34.0	14.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	60.8	34.0	9.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	68.1	36.5	9.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	85.1	38.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	119.1	48.6	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	175.0	72.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	255.2	99.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	313.5	99.7	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	311.1	63.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	238.2	43.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	201.7	31.6	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	243.1	24.3	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	432.6	21.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	695.1	21.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	777.8	21.9	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	607.6	19.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	333.0	17.0	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	167.7	12.2	4.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.5	9.7	4.9	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
82.5°	24.3	9.7	4.9	4.9	2.4	2.4	0.0	0.0	0.0	0.0	0.0
85°	12.2	7.3	7.3	4.9	4.9	2.4	2.4	0.0	0.0	0.0	0.0
87.5°	7.3	7.3	7.3	4.9	4.9	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

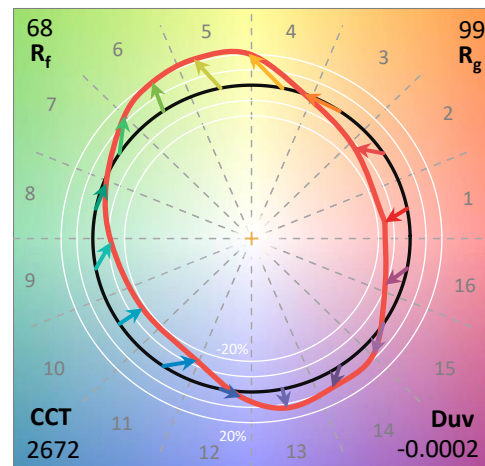
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

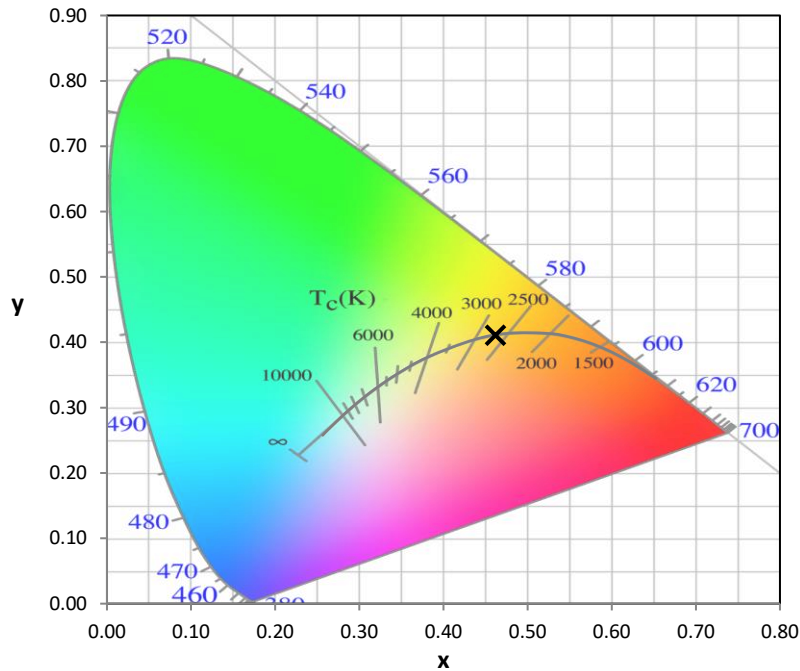
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

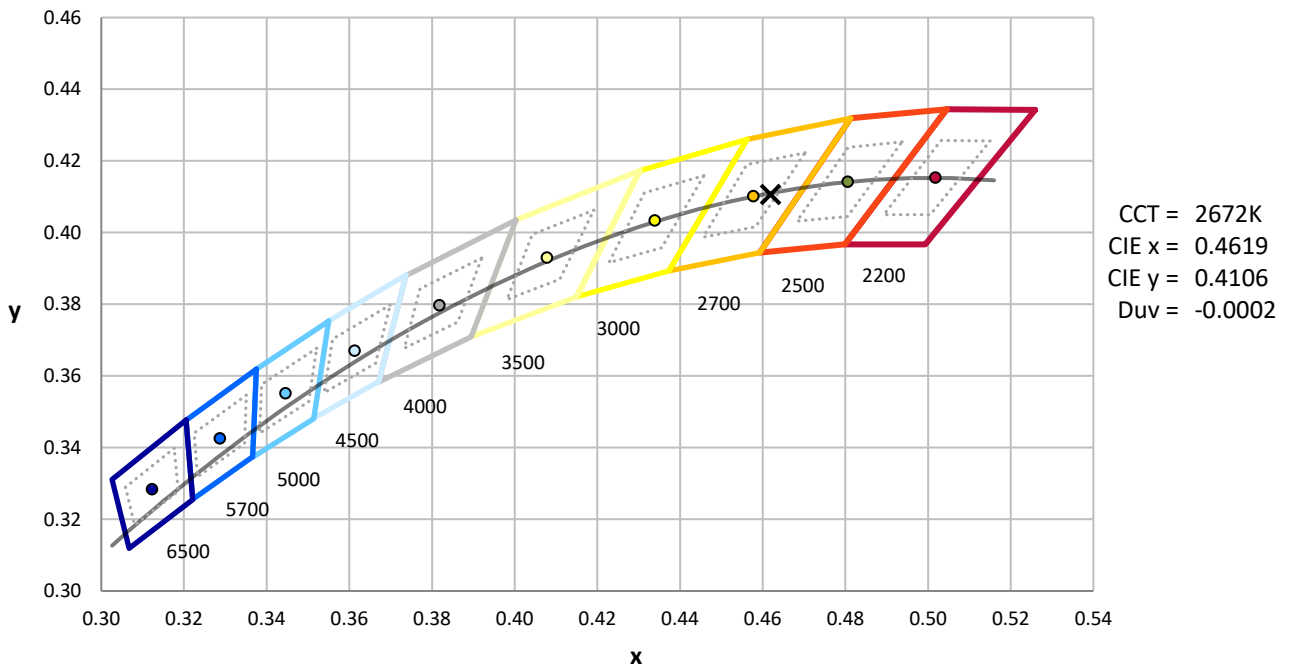
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



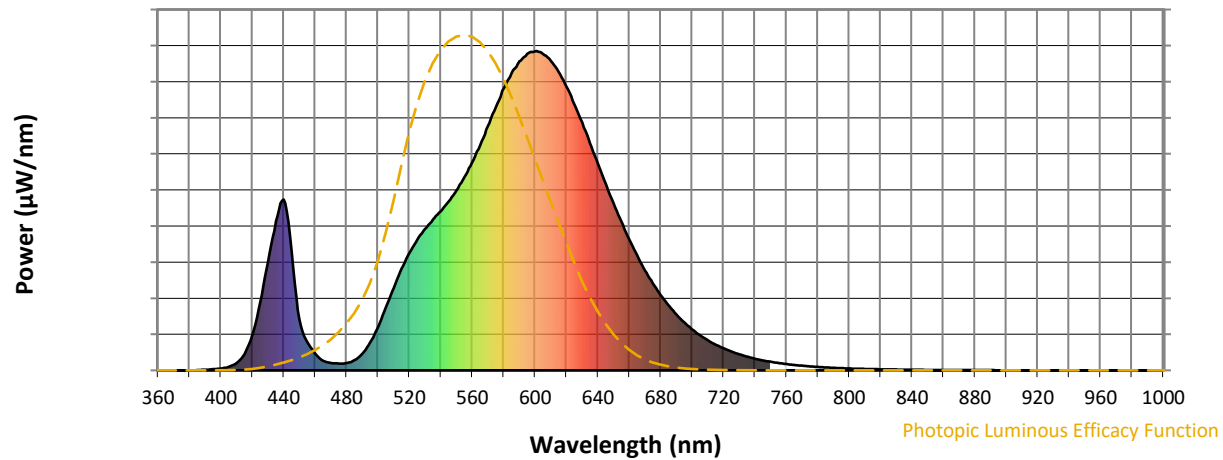
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

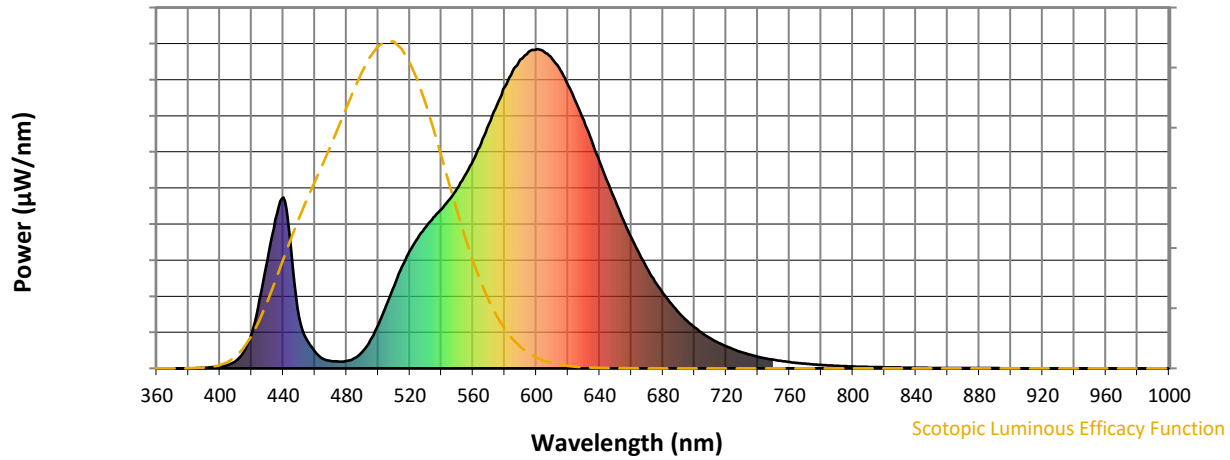


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



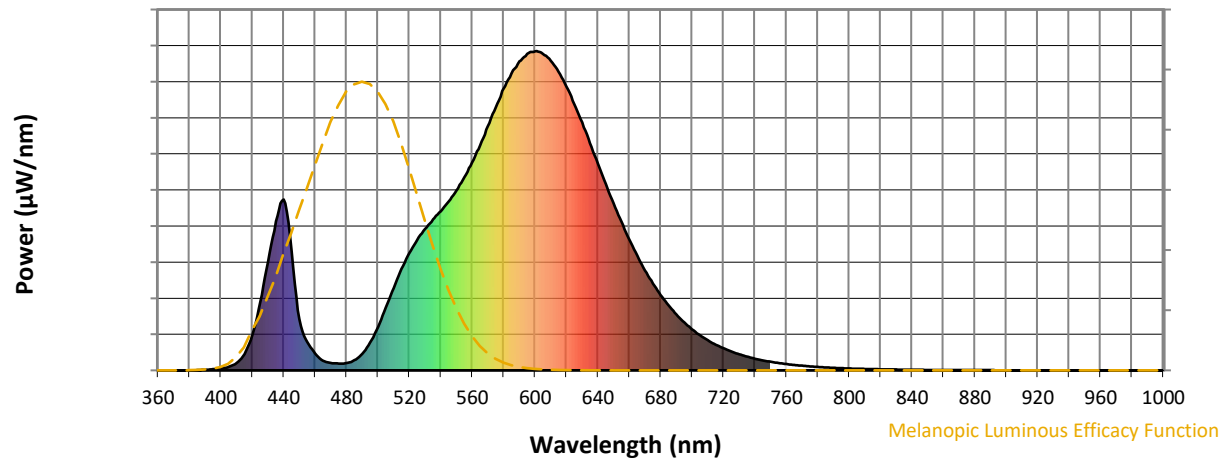
Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

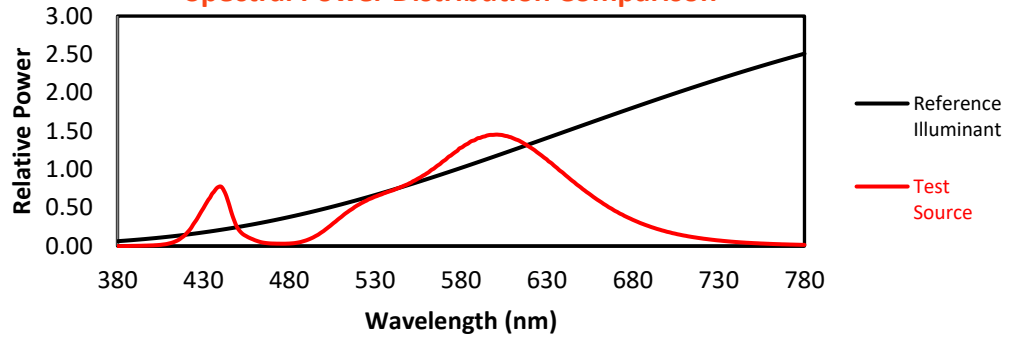
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TM-30-18

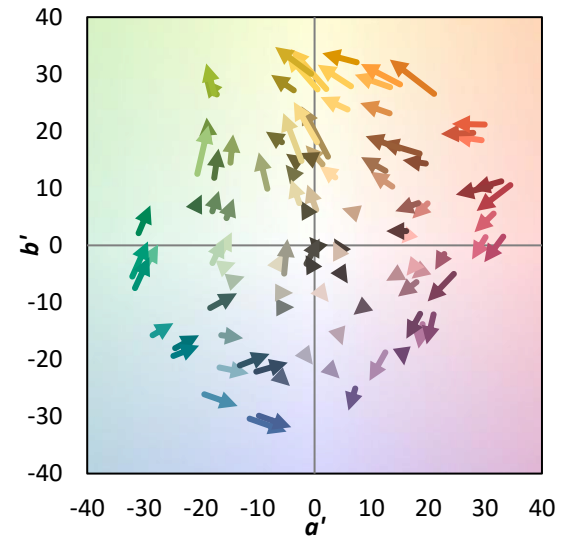
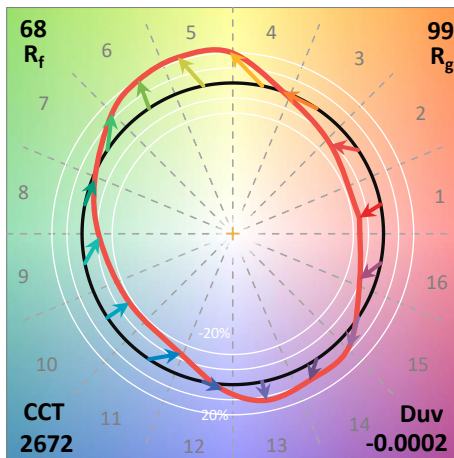
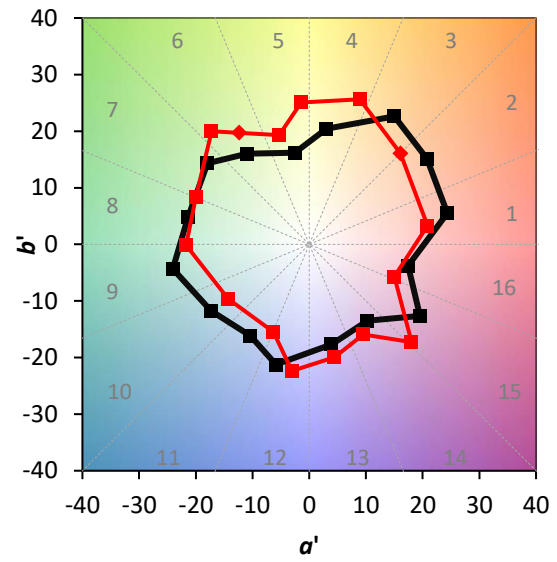
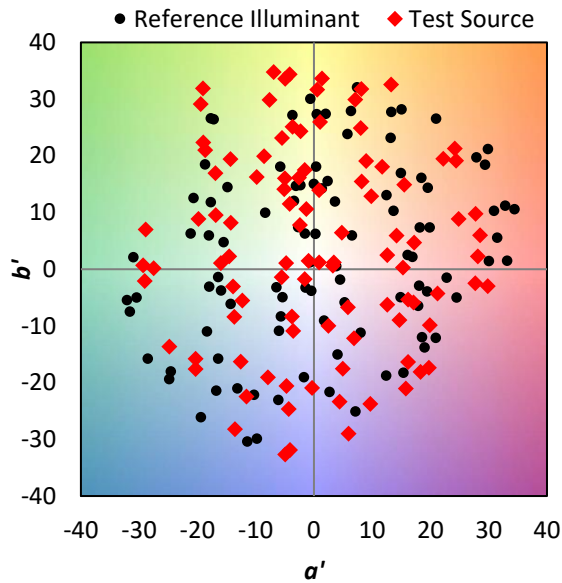
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison

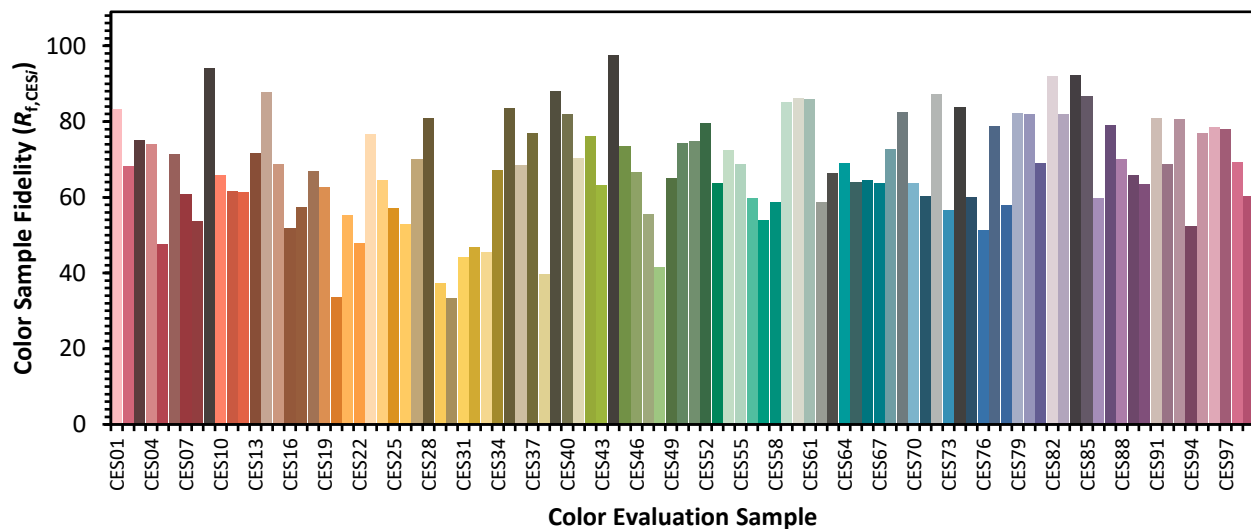


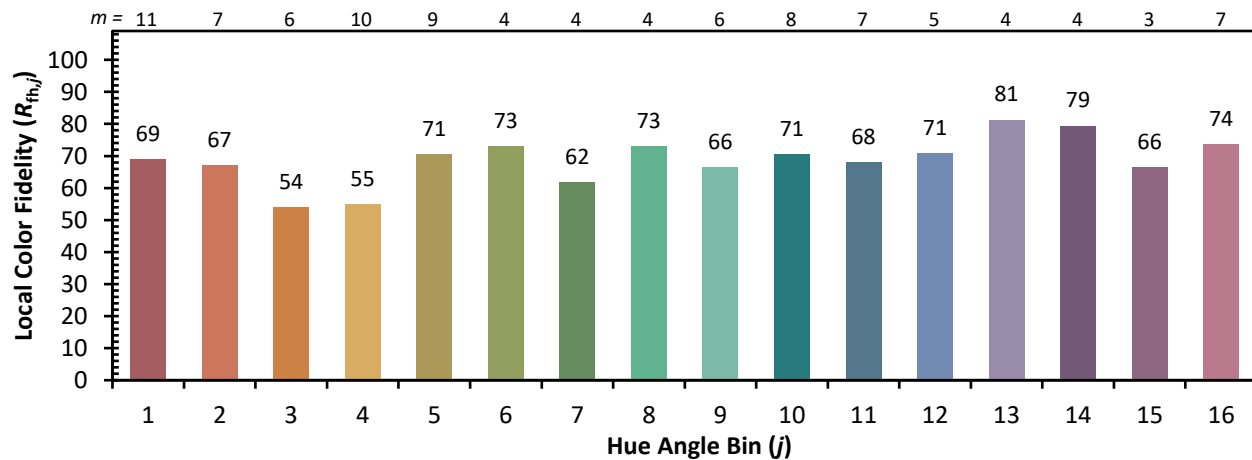
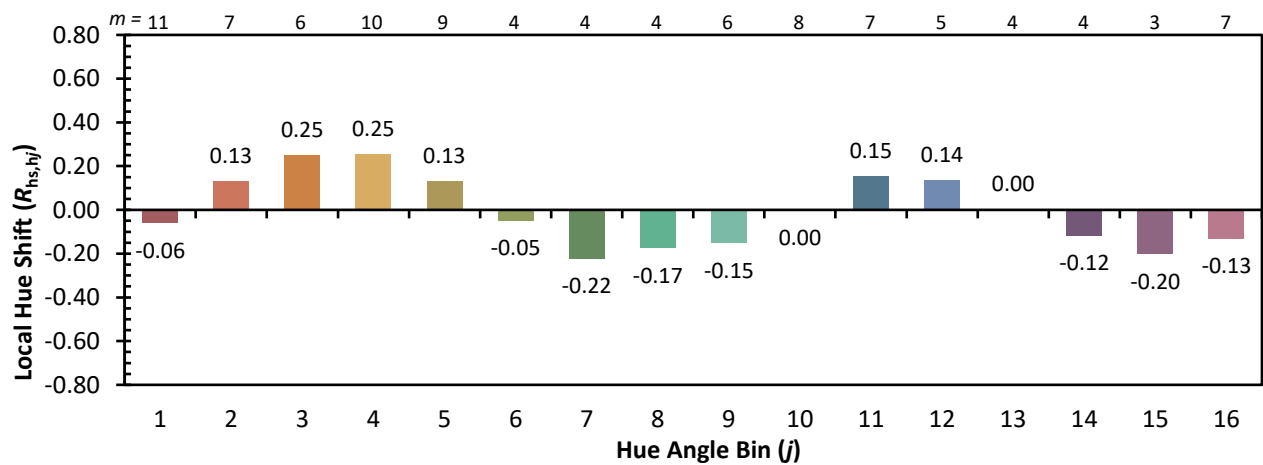
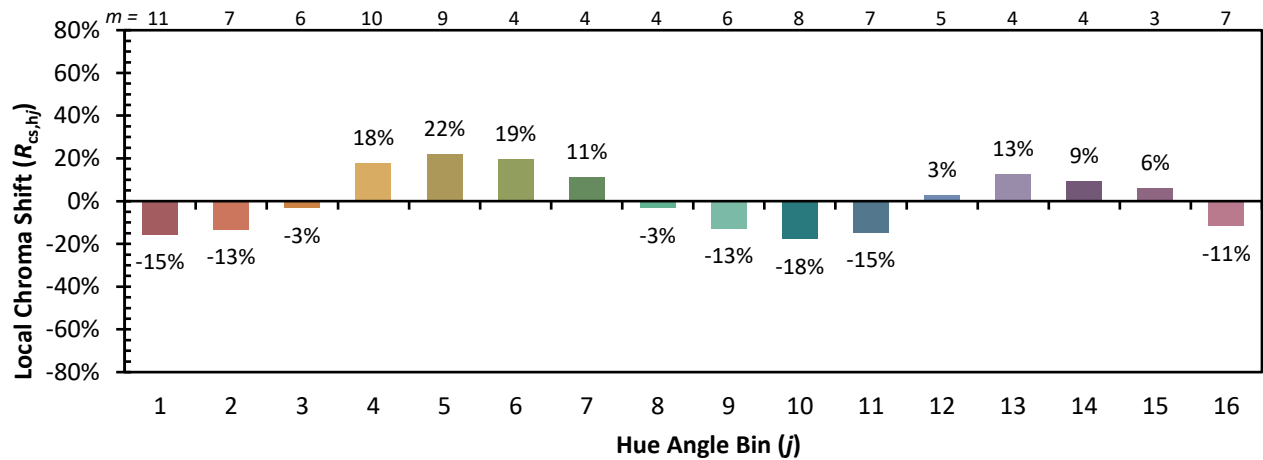
Color Vector Graphics



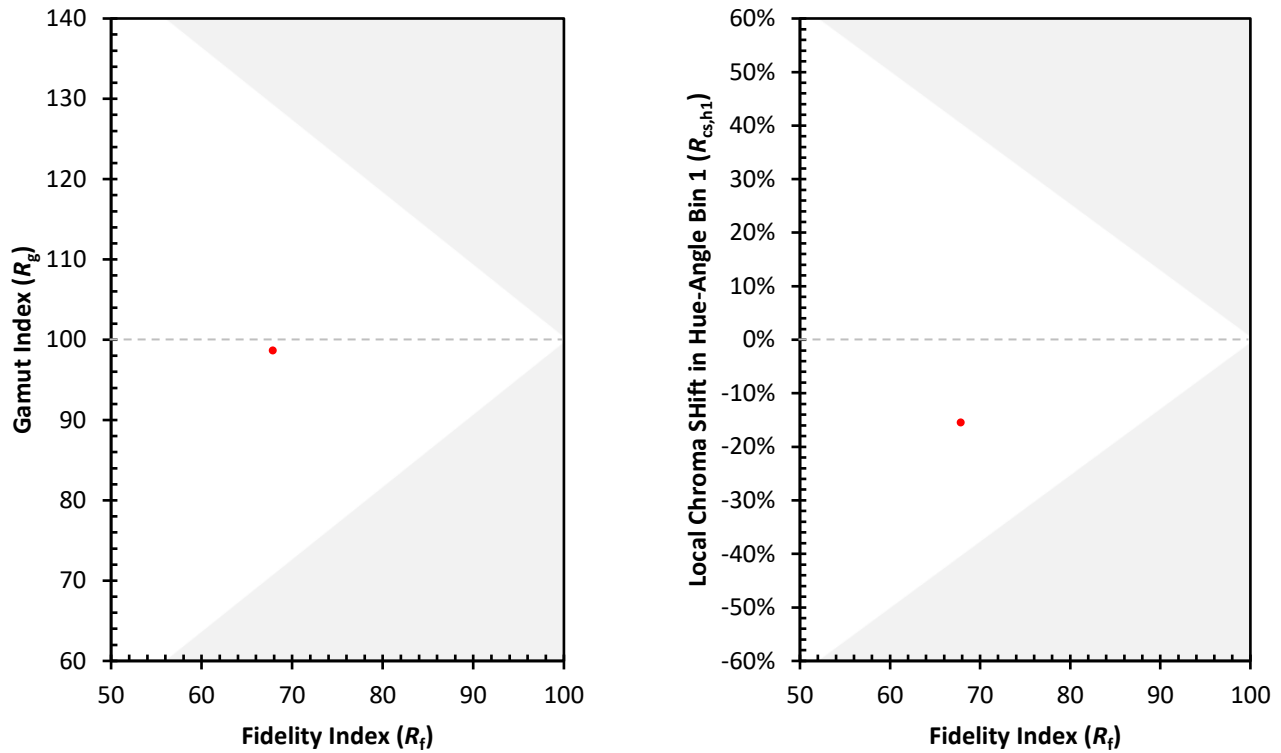
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)