

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: P1066006

Luminaire Tested: **NVN-SA3B-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066006
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3B-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 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: 11036.5 lumens
Efficiency: N/A
Efficacy: 103.9 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): 106.2
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



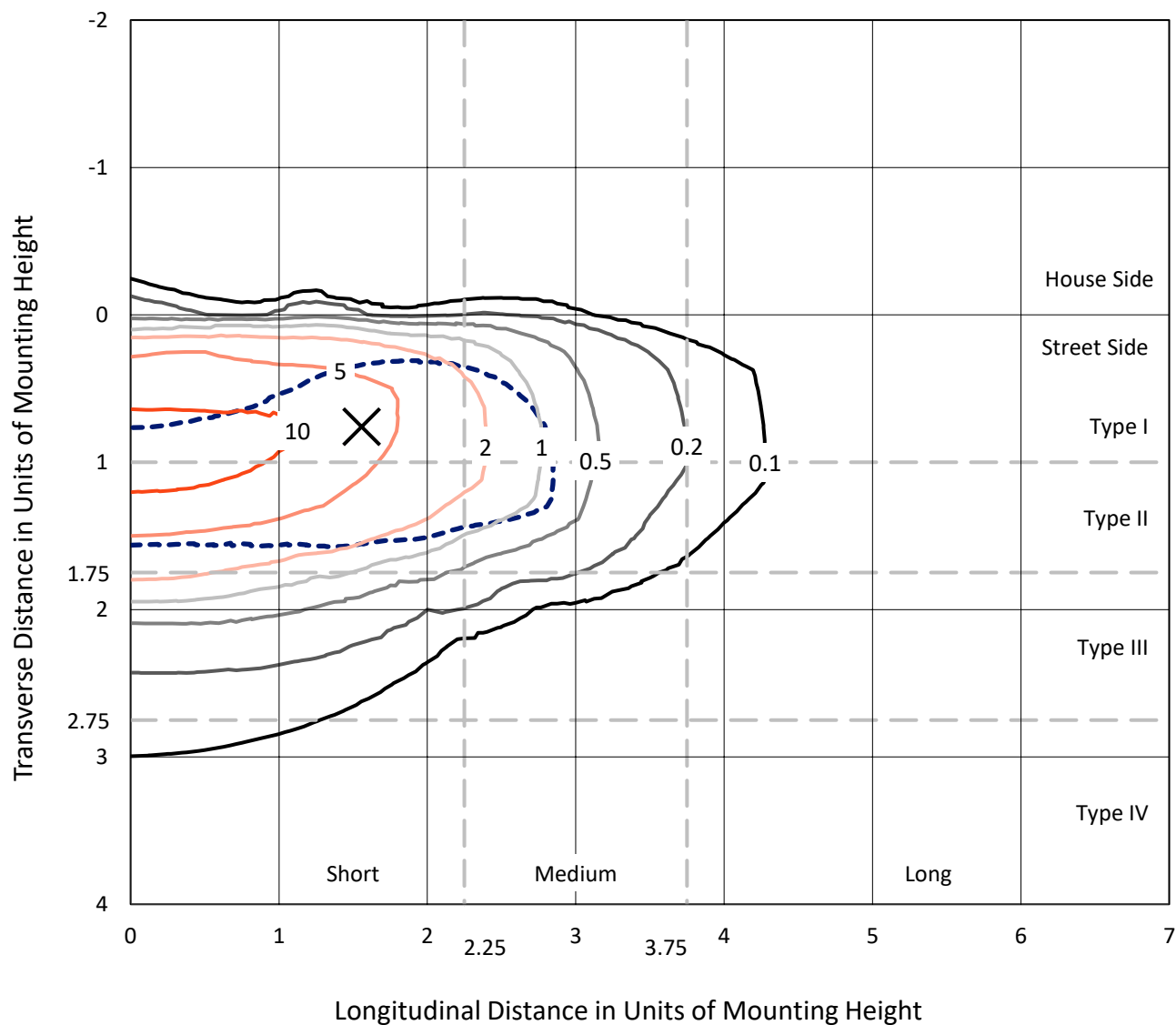
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CATALOG NUMBER: NVN-SA3B-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

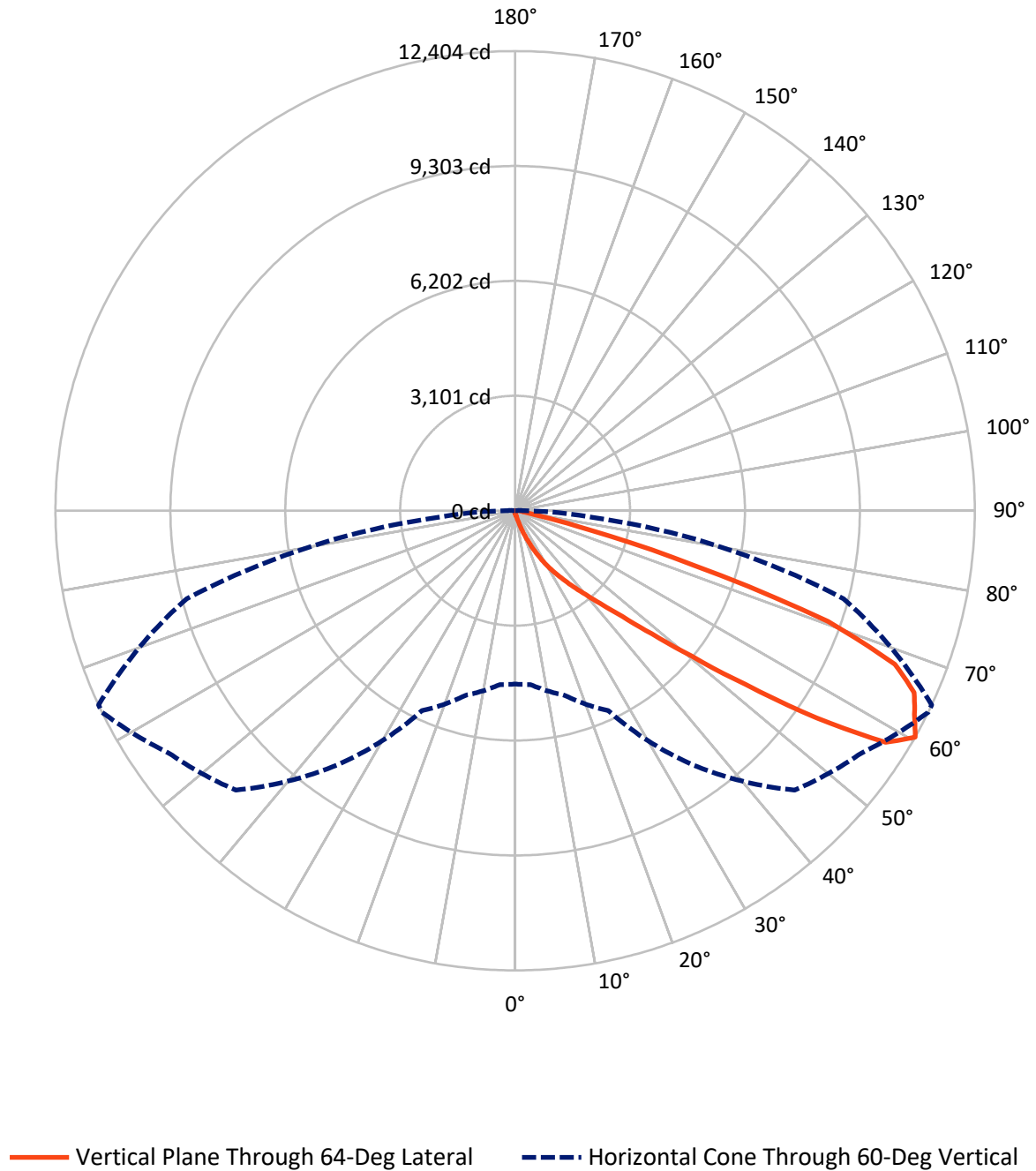


Based on 15 foot mounting height. Maximum calculated value = 15.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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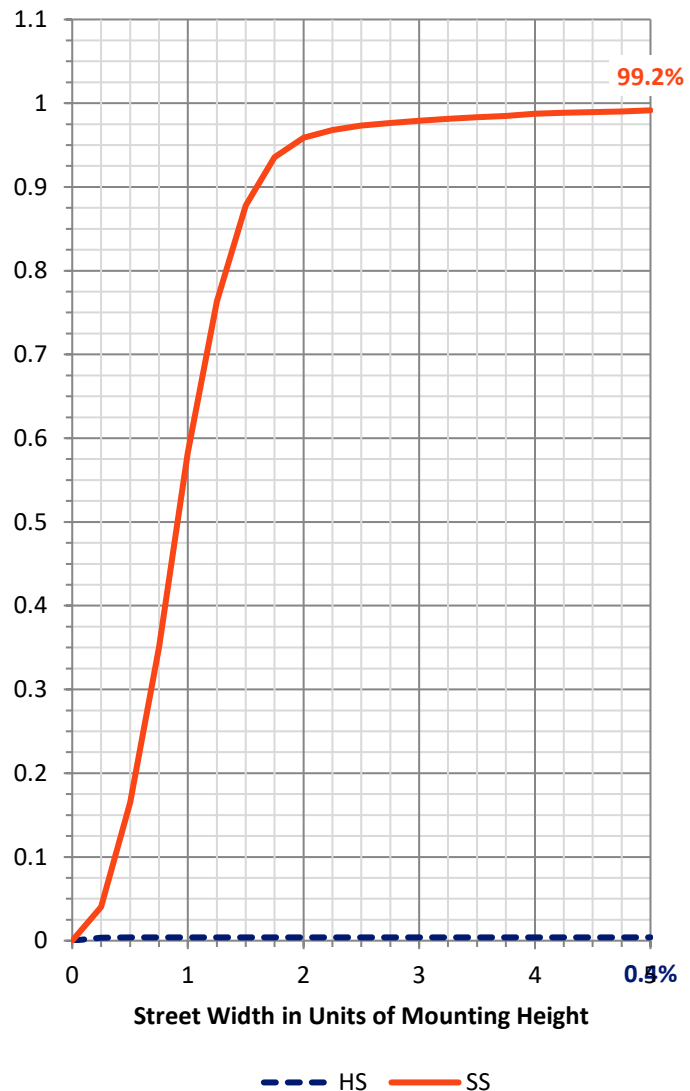
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	44.7	0.0	44.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10991.7	0.0	10991.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	11036.5	0.0	11036.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.0	0.1
10°-20°	108.5	1.0
20°-30°	360.2	3.3
30°-40°	961.1	8.7
40°-50°	2443.0	22.1
50°-60°	3561.3	32.3
60°-70°	2750.8	24.9
70°-80°	755.4	6.8
80°-90°	85.3	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°	11036.5	100.0
0°-180°	11036.5	100.0



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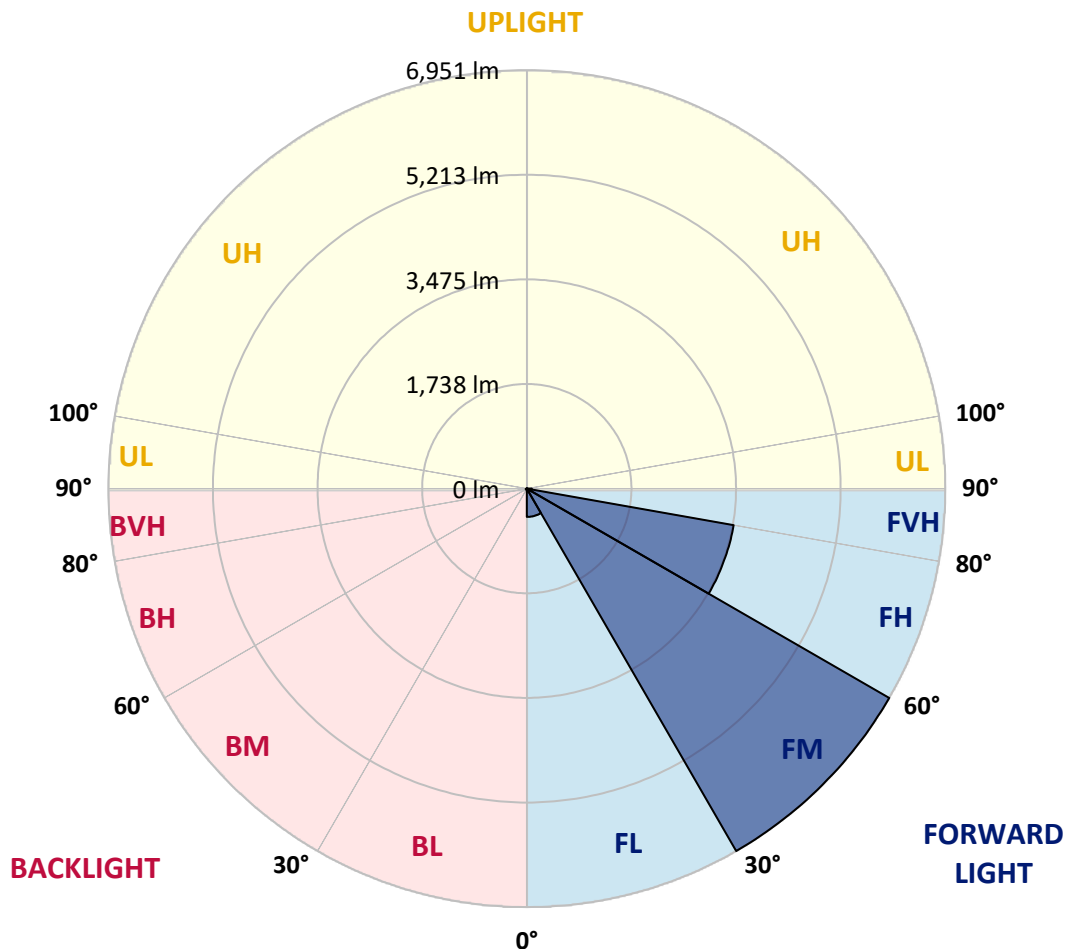
CATALOG NUMBER: NVN-SA3B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	469.6	4.3			
FM	(30°-60°)	6950.6	63.0			
FH	(60°-80°)	3488.3	31.6			G2/5000
FVH	(80°-90°)	83.3	0.8			G1/100
BL	(0°-30°)	10.0	0.1	B0/110		
BM	(30°-60°)	14.8	0.1	B0/220		
BH	(60°-80°)	17.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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°	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
2.5°	97.2	97.2	97.2	94.2	91.1	91.1	88.1	85.1	85.1	79.0	75.9
5°	148.9	148.9	142.8	136.7	127.6	115.4	103.3	94.2	94.2	85.1	79.0
7.5°	291.6	300.8	273.4	240.0	194.4	164.0	130.6	109.4	106.3	91.1	79.0
10°	631.9	625.8	583.3	501.3	394.9	285.6	182.3	133.7	127.6	97.2	79.0
12.5°	950.9	960.0	914.4	823.3	695.7	507.3	312.9	173.2	167.1	106.3	79.0
15°	1224.3	1224.3	1193.9	1148.3	1008.6	811.1	504.3	258.2	237.0	115.4	75.9
17.5°	1412.6	1409.6	1397.5	1385.3	1303.3	1099.7	771.6	413.2	364.6	136.7	75.9
20°	1625.3	1616.2	1631.4	1607.1	1543.3	1382.3	1054.2	613.7	568.1	173.2	75.9
22.5°	1847.1	1856.2	1868.3	1844.0	1774.2	1634.4	1351.9	871.9	823.3	240.0	79.0
25°	2129.6	2123.5	2150.9	2129.6	2041.5	1877.5	1631.4	1154.4	1084.5	334.2	85.1
27.5°	2475.9	2463.8	2482.0	2427.3	2311.9	2144.8	1880.5	1443.0	1361.0	480.0	97.2
30°	2934.7	2943.8	2861.7	2798.0	2633.9	2412.1	2156.9	1752.9	1667.8	653.2	109.4
32.5°	3657.7	3593.9	3466.3	3208.1	2992.4	2709.9	2433.4	2023.3	1947.3	874.9	127.6
35°	4784.8	4796.9	4517.4	3879.5	3411.6	3083.5	2737.2	2321.0	2266.3	1127.1	151.9
37.5°	6157.9	6124.5	5878.4	5073.4	4025.3	3548.3	3083.5	2646.1	2567.1	1400.5	182.3
40°	7713.4	7573.6	7430.8	6884.0	5304.3	4131.6	3521.0	3022.8	2962.0	1716.4	230.9
42.5°	8958.9	8922.5	8946.8	8718.9	7436.9	5125.0	4101.2	3484.5	3411.6	2108.3	315.9
45°	9572.6	9520.9	9666.8	9836.9	9508.8	7239.4	5036.9	4073.9	3976.7	2570.1	446.6
47.5°	9408.5	9372.1	9685.0	10019.2	10456.6	9691.1	6565.0	4954.9	4787.8	3162.5	641.0
50°	8600.4	8603.5	9116.9	9739.7	10432.3	10933.6	8828.3	6161.0	5951.3	3949.3	944.8
52.5°	7813.6	7837.9	8381.7	9290.1	10070.8	11079.4	10815.1	7786.3	7446.0	4875.9	1303.3
55°	7005.5	7017.7	7497.7	8776.6	9900.7	10645.0	11835.9	9879.4	9517.9	6030.3	1652.6
57.5°	6227.8	6227.8	6407.0	7543.2	9715.4	10605.5	11714.3	11793.3	11498.6	7348.8	1910.9
60°	4678.4	4708.8	5155.4	5951.3	8378.7	10663.2	11404.5	12403.9	12403.9	9177.6	2108.3
62.5°	2363.5	2409.1	2965.0	3739.7	5747.8	9867.3	11453.1	12097.1	12145.7	10790.8	2558.0
65°	1108.9	1160.5	1458.2	2005.0	3092.6	6944.8	10948.8	11835.9	11820.7	10484.0	3505.8
67.5°	795.9	811.1	911.4	1169.6	1664.8	3044.0	8357.4	11055.1	11061.2	8907.3	4031.4
70°	713.9	713.9	738.2	814.2	1002.5	1361.0	4061.7	8952.8	9387.3	6877.9	3736.7
72.5°	704.8	698.7	692.7	695.7	677.5	683.5	1394.4	5055.1	5674.9	4812.1	2980.2
75°	686.6	686.6	680.5	659.2	540.8	440.5	480.0	2044.5	2363.5	3214.2	2211.6
77.5°	543.8	598.5	662.3	622.8	495.2	331.1	279.5	592.4	747.3	1971.6	1604.0
80°	252.1	255.2	252.1	264.3	315.9	237.0	206.6	288.6	291.6	1093.7	993.4
82.5°	182.3	185.3	176.2	158.0	139.7	127.6	170.1	212.7	227.8	501.3	370.6
85°	54.7	51.6	60.8	82.0	97.2	112.4	142.8	179.2	188.4	185.3	54.7
87.5°	24.3	24.3	30.4	42.5	57.7	85.1	124.6	164.0	167.1	191.4	15.2
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-SA3B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
2.5°	75.9	72.9	69.9	66.8	63.8	60.8	57.7	57.7	60.8	60.8	60.8
5°	72.9	69.9	63.8	57.7	54.7	51.6	48.6	48.6	51.6	51.6	51.6
7.5°	72.9	66.8	60.8	54.7	48.6	45.6	42.5	42.5	42.5	45.6	45.6
10°	72.9	66.8	57.7	48.6	42.5	39.5	36.5	33.4	36.5	36.5	36.5
12.5°	69.9	63.8	54.7	45.6	36.5	30.4	27.3	27.3	27.3	27.3	27.3
15°	66.8	60.8	51.6	39.5	30.4	24.3	18.2	18.2	18.2	21.3	21.3
17.5°	63.8	57.7	45.6	30.4	21.3	15.2	12.2	12.2	12.2	15.2	15.2
20°	63.8	54.7	39.5	24.3	15.2	9.1	6.1	6.1	6.1	9.1	12.2
22.5°	63.8	54.7	36.5	18.2	9.1	6.1	3.0	3.0	3.0	3.0	3.0
25°	63.8	51.6	33.4	15.2	6.1	3.0	0.0	0.0	3.0	6.1	9.1
27.5°	63.8	48.6	27.3	9.1	6.1	3.0	0.0	3.0	6.1	6.1	6.1
30°	63.8	48.6	24.3	9.1	3.0	0.0	0.0	3.0	6.1	6.1	9.1
32.5°	66.8	45.6	21.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	69.9	42.5	18.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	75.9	42.5	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	85.1	45.6	12.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	106.3	48.6	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	148.9	60.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	218.7	91.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	319.0	124.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	391.9	124.6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	388.9	79.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	297.7	54.7	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	252.1	39.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	303.8	30.4	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	540.8	27.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	868.9	27.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	972.1	27.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	759.5	24.3	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	416.2	21.3	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	209.6	15.2	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	88.1	12.2	6.1	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.4	12.2	6.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0	0.0
85°	15.2	9.1	9.1	6.1	6.1	3.0	3.0	0.0	0.0	0.0	0.0
87.5°	9.1	9.1	9.1	6.1	6.1	3.0	3.0	0.0	0.0	0.0	3.0
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: SP1-2407-184-3

Test Date: 10/09/2024

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

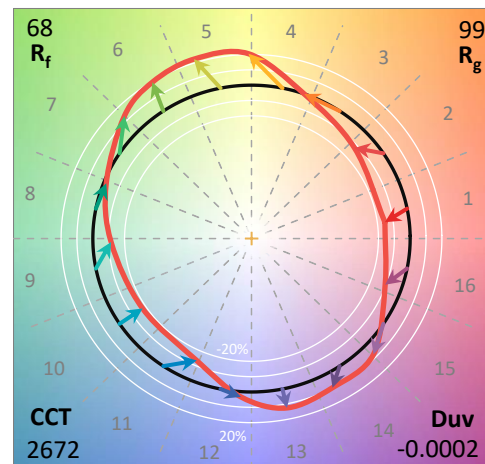
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

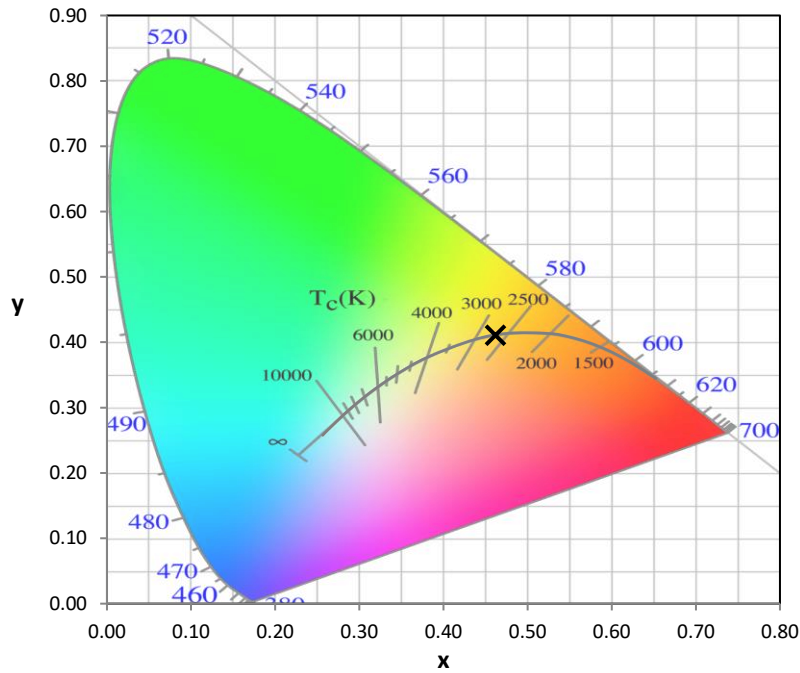
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

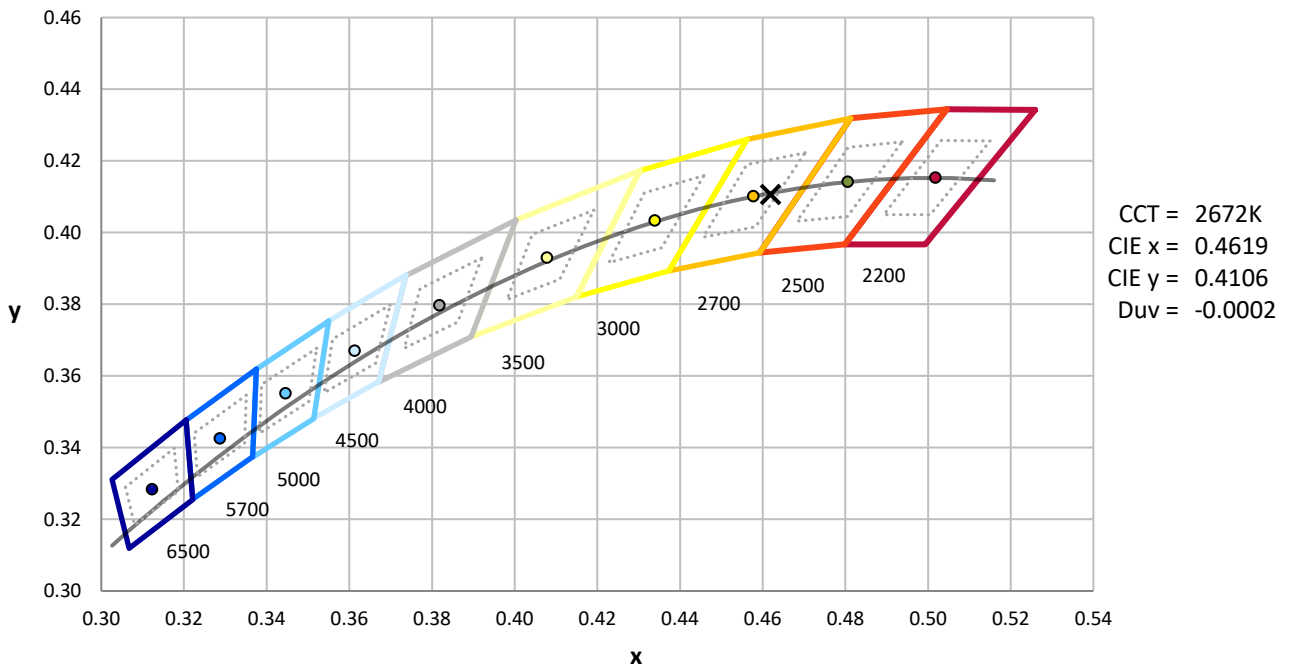
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



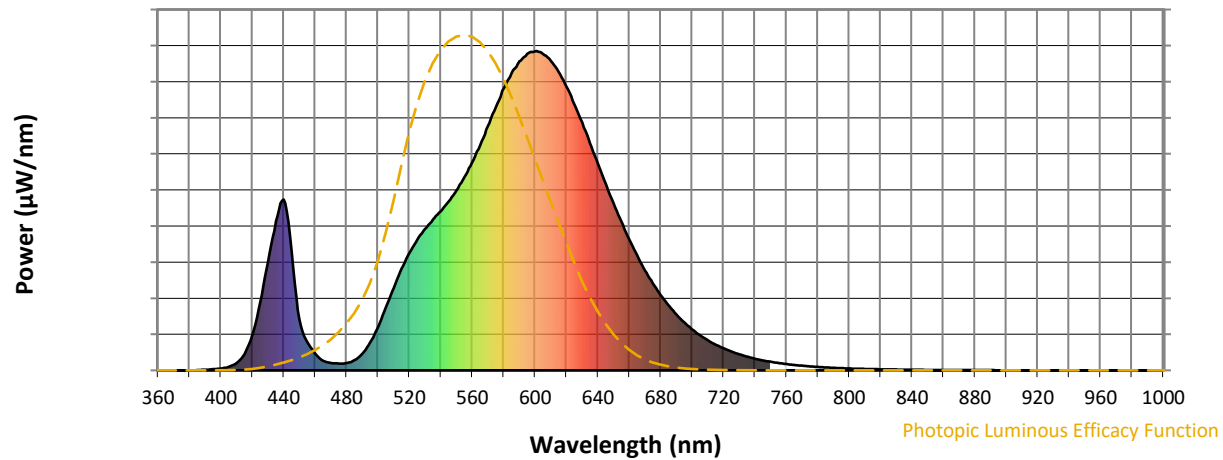
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

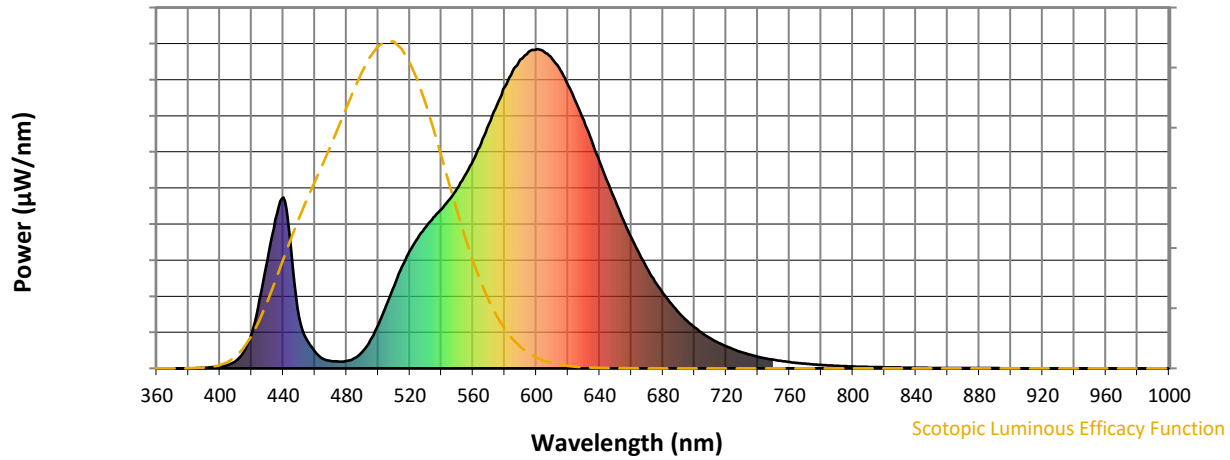


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Scotopic Flux vs. Wavelength



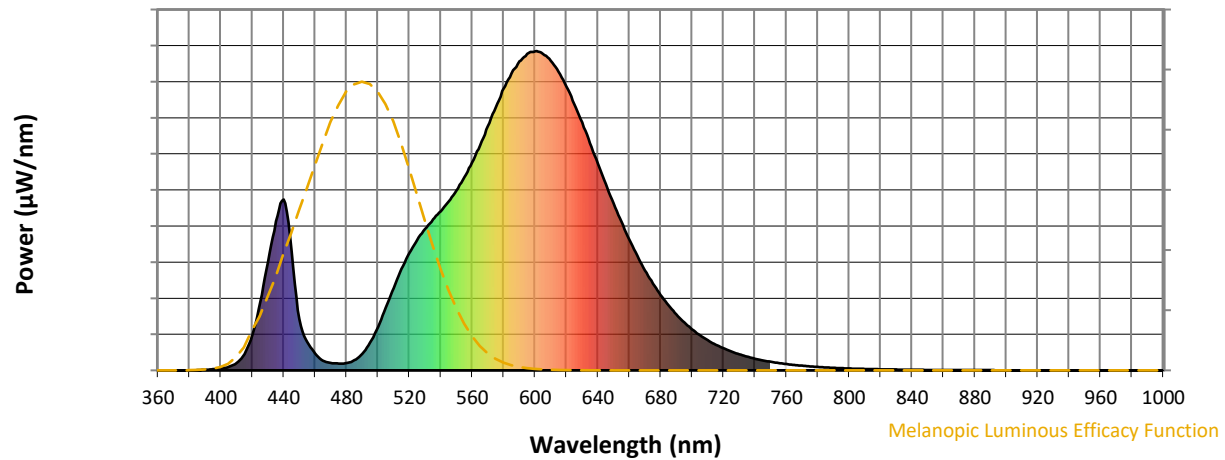
Scotopic Lumens: NR

S/P: 1.02

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			

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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			

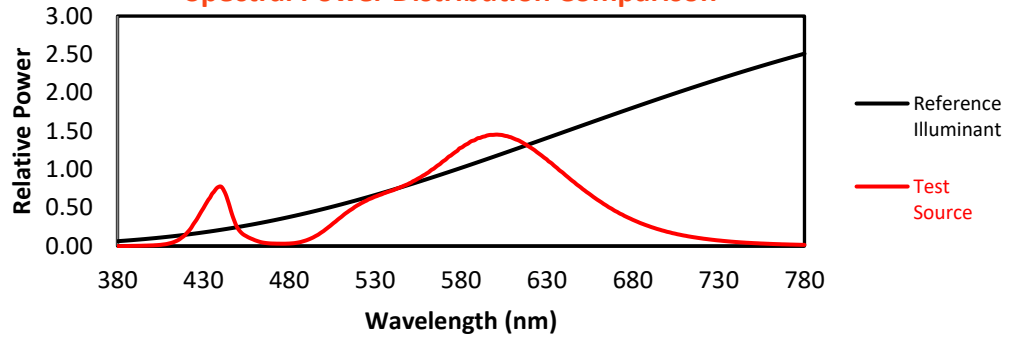
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TM-30-18

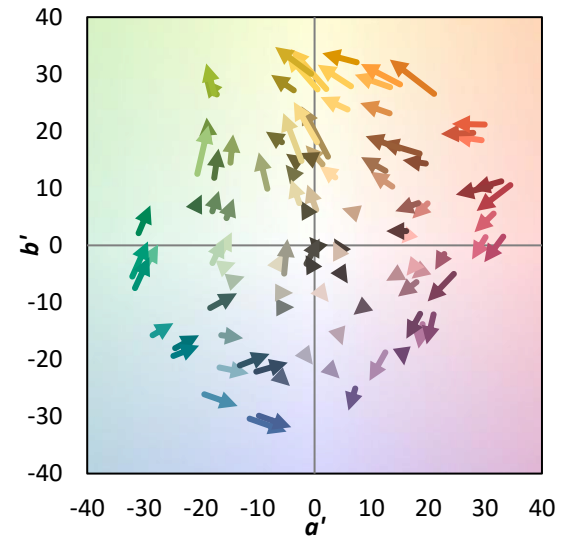
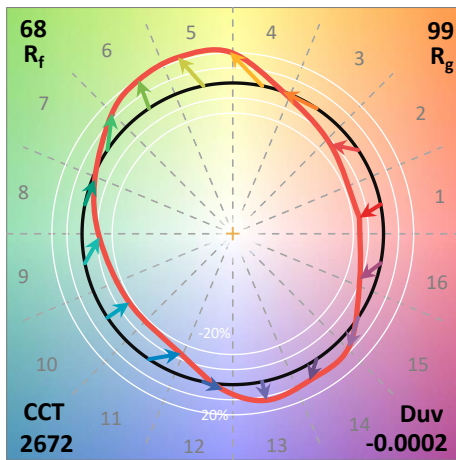
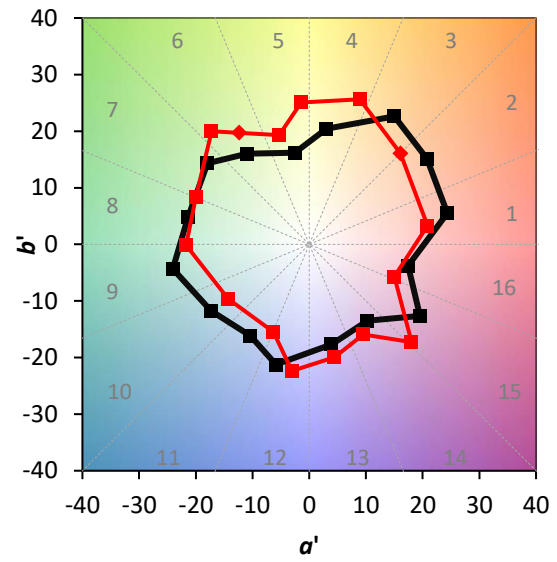
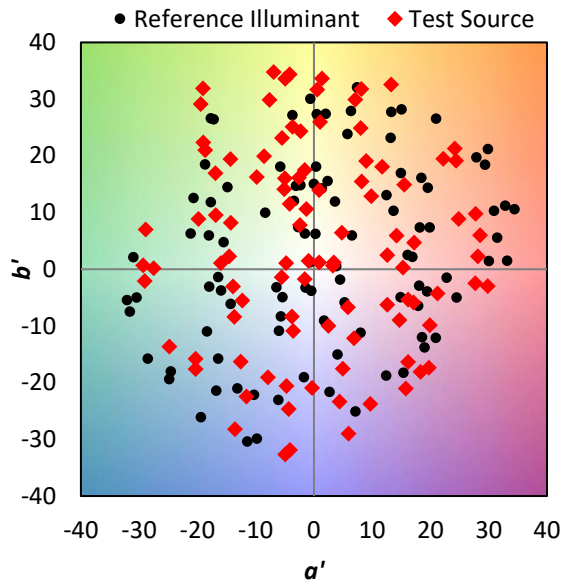
Summary

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

Spectral Power Distribution Comparison

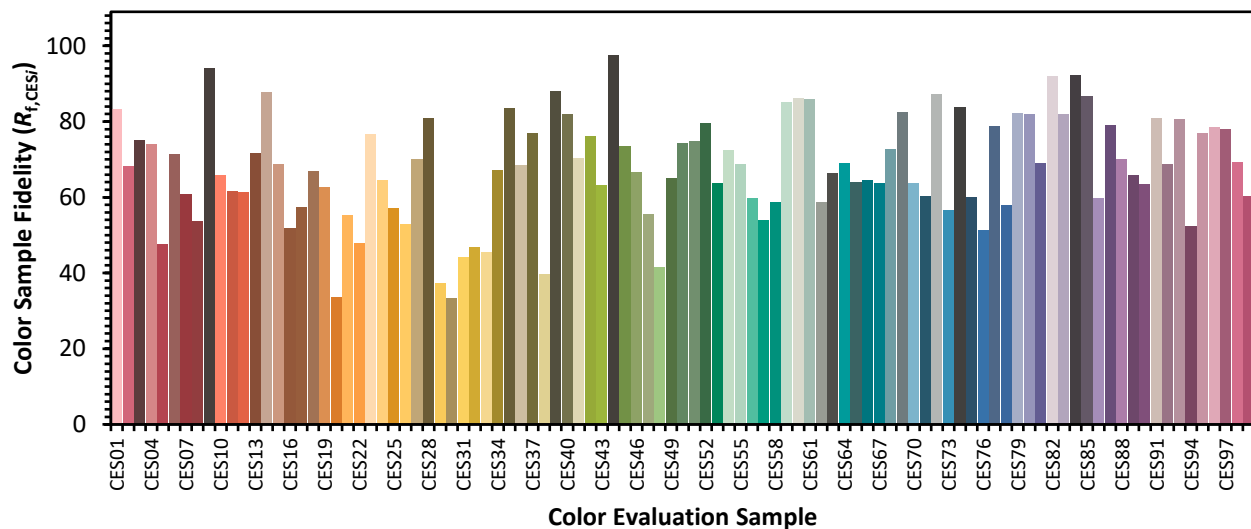


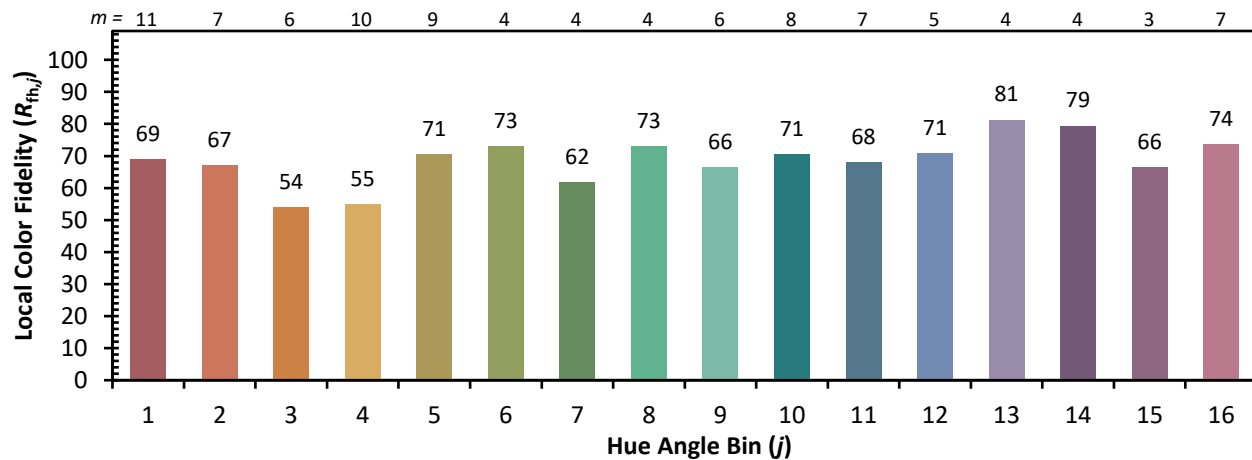
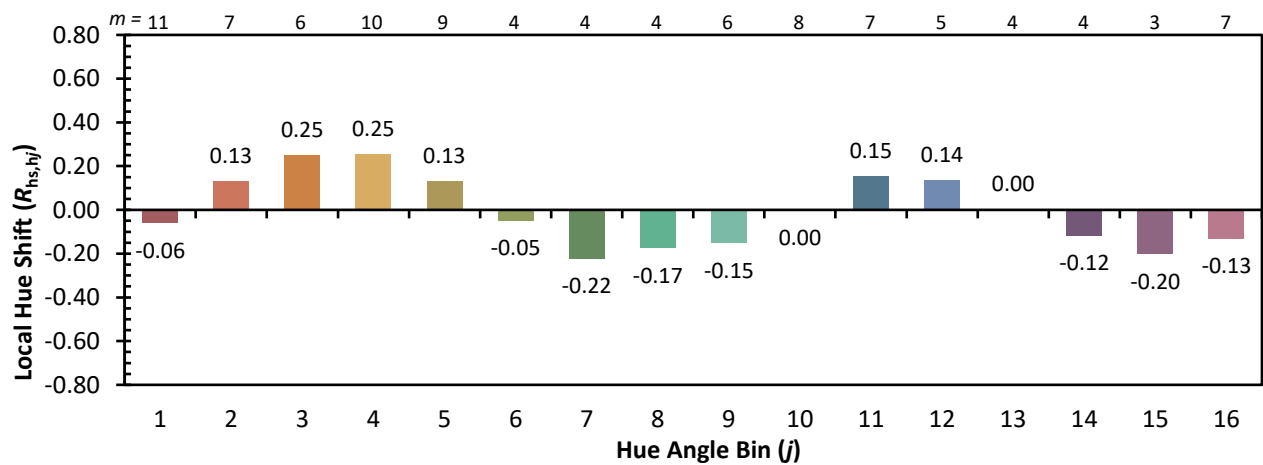
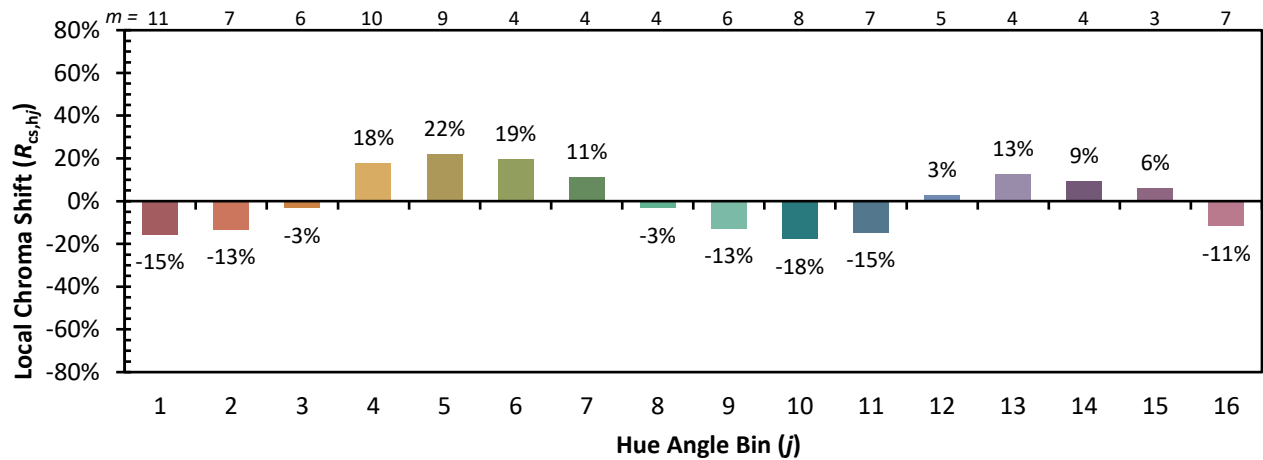
Color Vector Graphics



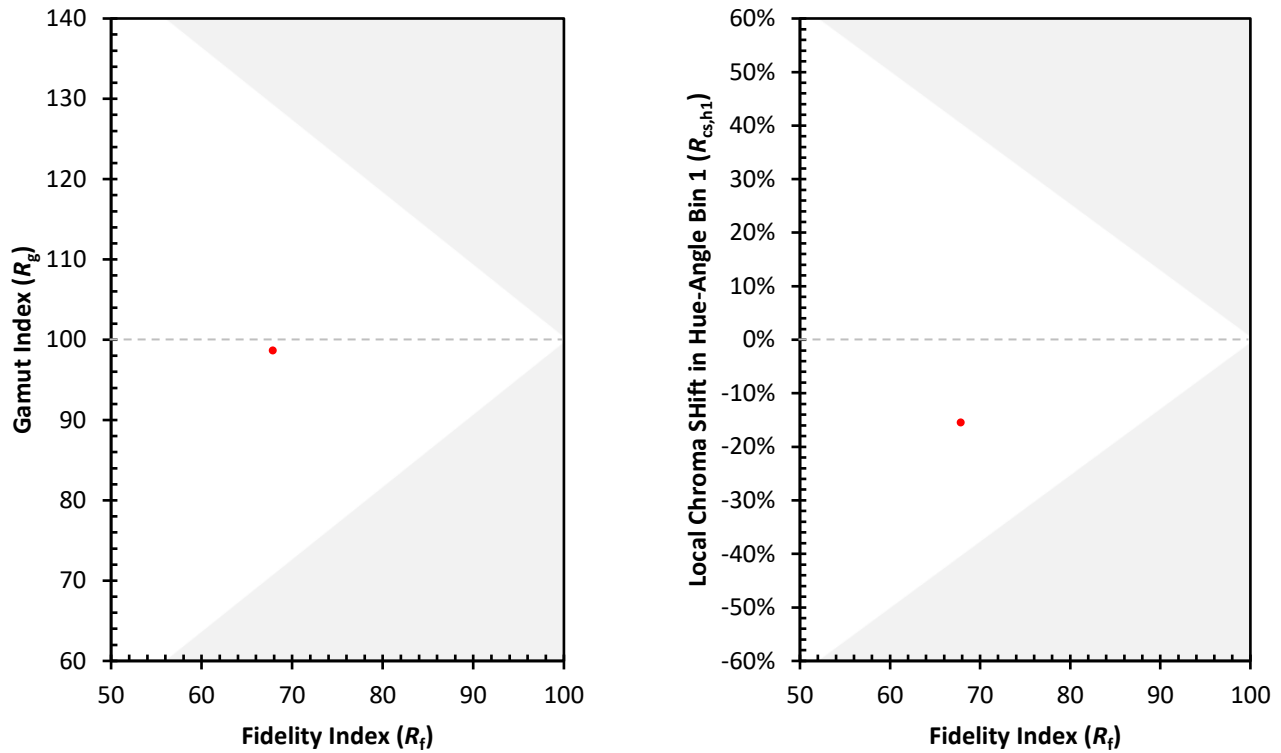
Individual Sample Fidelity Index ($R_{f,i}$)

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)