

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: P1066009

Luminaire Tested: **NVN-SA4A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066009
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA4A-727-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11652.9 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 107.4
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

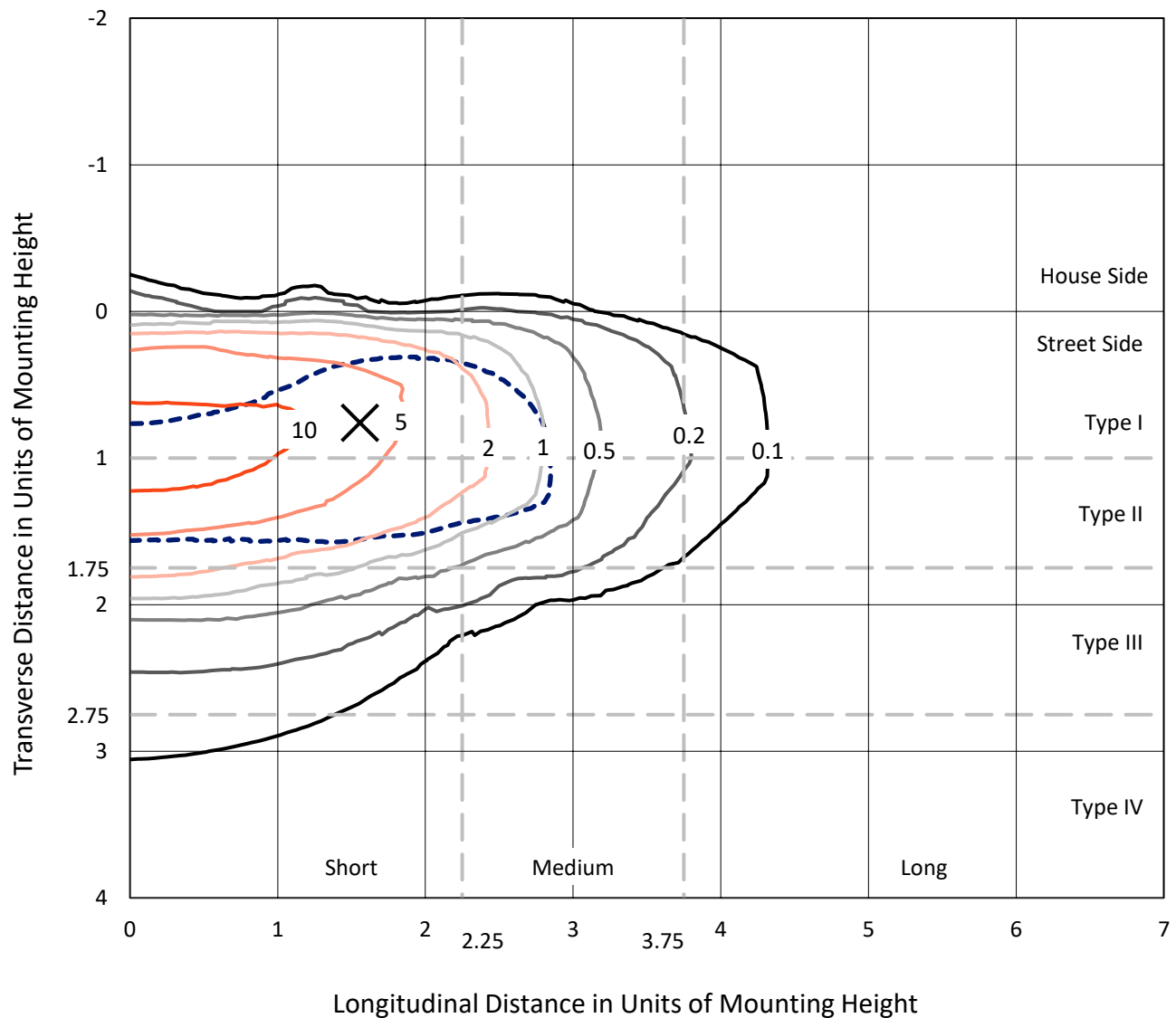


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

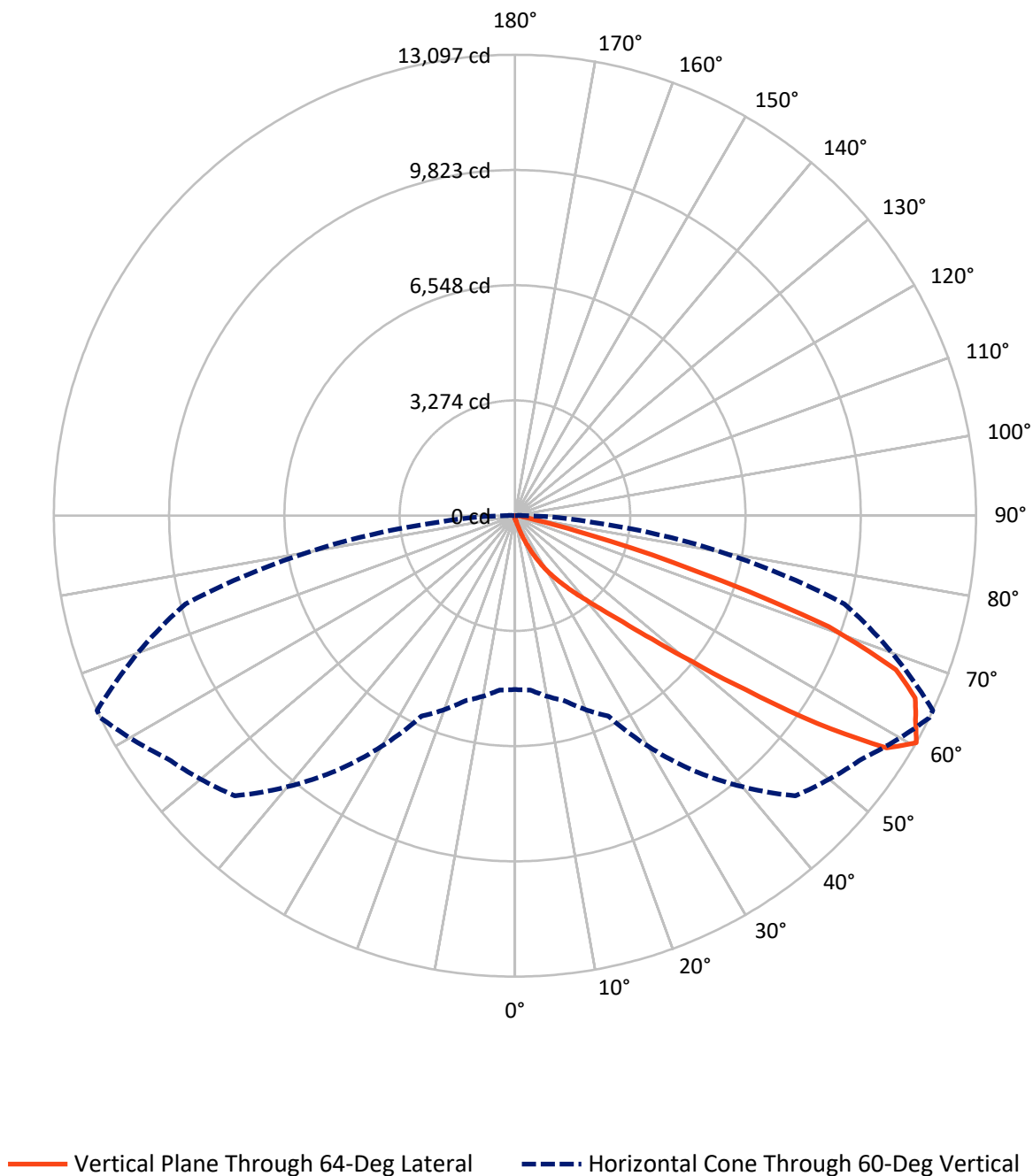


Based on 15 foot mounting height. Maximum calculated value = 16.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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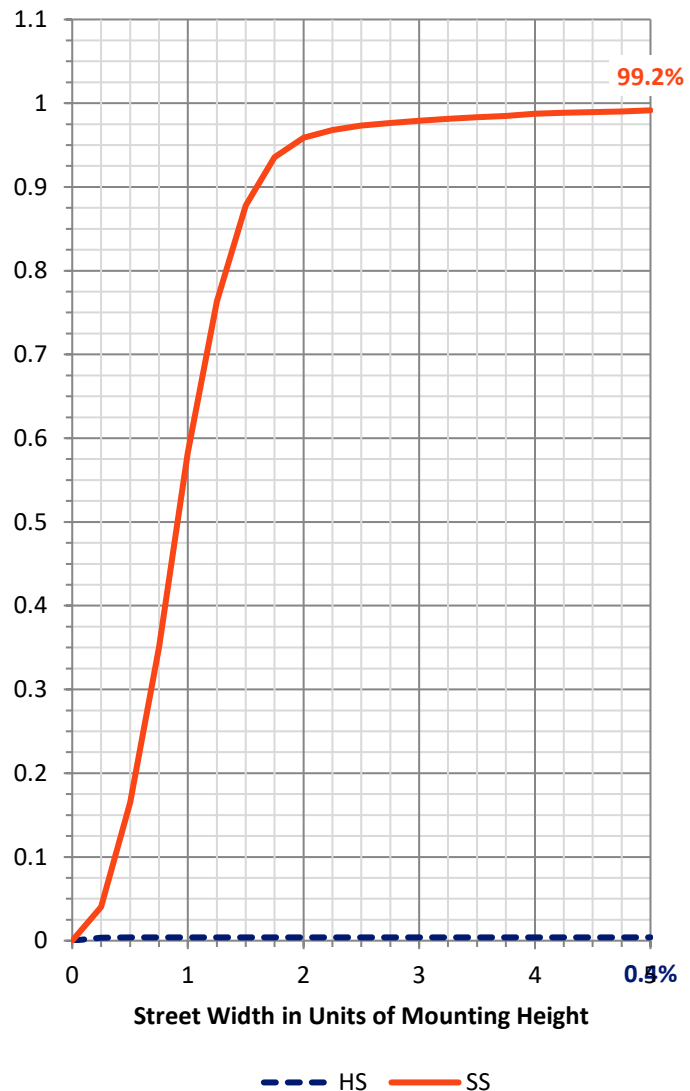
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	47.2	0.0	47.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	11605.7	0.0	11605.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	11652.9	0.0	11652.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	0.1
10°-20°	114.5	1.0
20°-30°	380.3	3.3
30°-40°	1014.8	8.7
40°-50°	2579.4	22.1
50°-60°	3760.2	32.3
60°-70°	2904.4	24.9
70°-80°	797.6	6.8
80°-90°	90.0	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°	11652.9	100.0
0°-180°	11652.9	100.0



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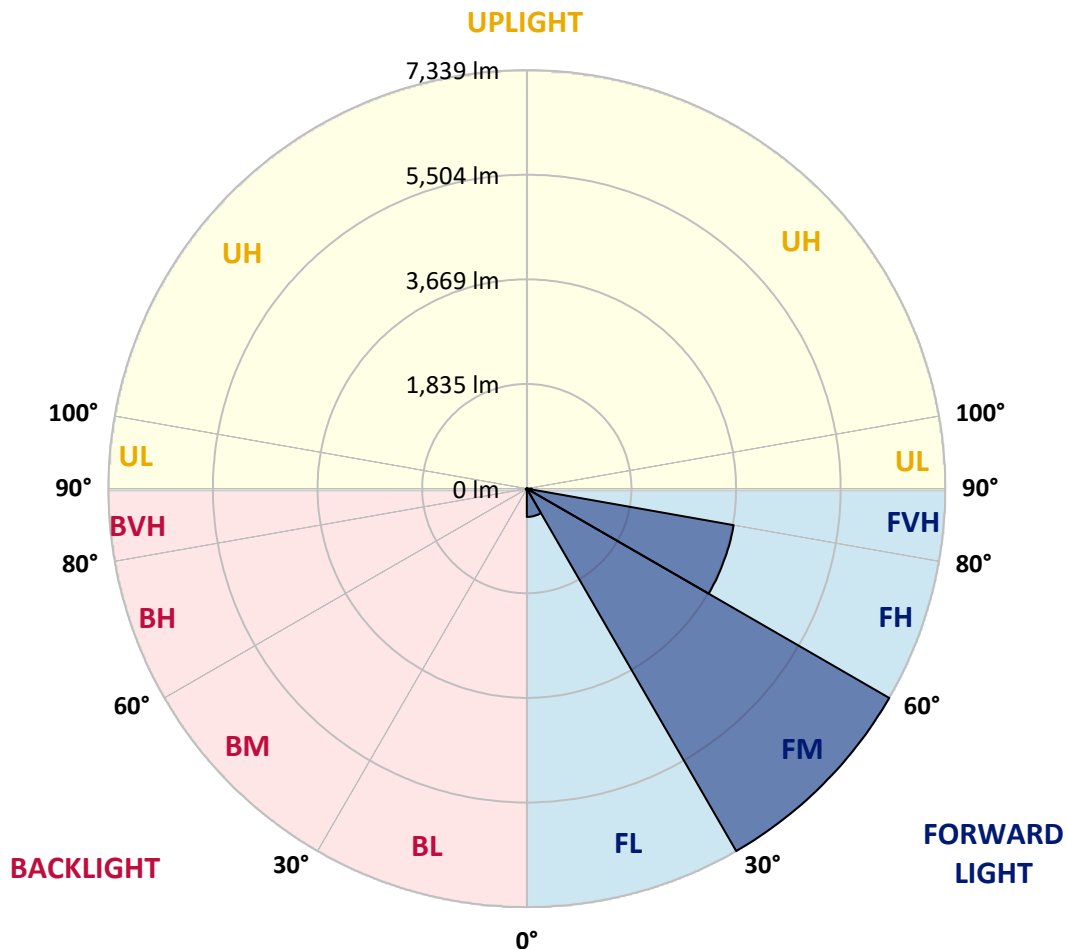
CATALOG NUMBER: NVN-SA4A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.8	4.3			
FM	(30°-60°)	7338.8	63.0			
FH	(60°-80°)	3683.2	31.6			G2/5000
FVH	(80°-90°)	87.9	0.8			G1/100
BL	(0°-30°)	10.6	0.1	B0/110		
BM	(30°-60°)	15.7	0.1	B0/220		
BH	(60°-80°)	18.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.1	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°	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
2.5°	102.6	102.6	102.6	99.4	96.2	96.2	93.0	89.8	89.8	83.4	80.2
5°	157.2	157.2	150.8	144.3	134.7	121.9	109.1	99.4	99.4	89.8	83.4
7.5°	307.9	317.6	288.7	253.4	205.3	173.2	137.9	115.5	112.3	96.2	83.4
10°	667.2	660.8	615.9	529.3	417.0	301.5	192.5	141.1	134.7	102.6	83.4
12.5°	1004.0	1013.6	965.5	869.3	734.5	535.7	330.4	182.8	176.4	112.3	83.4
15°	1292.7	1292.7	1260.6	1212.5	1064.9	856.4	532.5	272.6	250.2	121.9	80.2
17.5°	1491.6	1488.3	1475.5	1462.7	1376.1	1161.2	814.7	436.2	384.9	144.3	80.2
20°	1716.1	1706.5	1722.5	1696.8	1629.5	1459.5	1113.1	647.9	599.8	182.8	80.2
22.5°	1950.2	1959.9	1972.7	1947.0	1873.3	1725.7	1427.4	920.6	869.3	253.4	83.4
25°	2248.6	2242.1	2271.0	2248.6	2155.5	1982.3	1722.5	1218.9	1145.1	352.8	89.8
27.5°	2614.2	2601.4	2620.6	2562.9	2441.0	2264.6	1985.5	1523.6	1437.0	506.8	102.6
30°	3098.6	3108.2	3021.6	2954.2	2781.0	2546.9	2277.4	1850.8	1761.0	689.6	115.5
32.5°	3862.0	3794.6	3659.9	3387.3	3159.5	2861.2	2569.3	2136.3	2056.1	923.8	134.7
35°	5052.0	5064.9	4769.8	4096.2	3602.2	3255.8	2890.1	2450.6	2392.9	1190.0	160.4
37.5°	6501.9	6466.6	6206.8	5356.8	4250.1	3746.5	3255.8	2793.9	2710.5	1478.7	192.5
40°	8144.2	7996.6	7845.9	7268.5	5600.5	4362.4	3717.7	3191.6	3127.5	1812.3	243.8
42.5°	9459.3	9420.8	9446.5	9205.9	7852.3	5411.3	4330.3	3679.2	3602.2	2226.1	333.6
45°	10107.3	10052.7	10206.7	10386.3	10039.9	7643.8	5318.3	4301.4	4198.8	2713.7	471.5
47.5°	9934.1	9895.6	10226.0	10578.8	11040.7	10232.4	6931.7	5231.7	5055.2	3339.2	676.8
50°	9080.8	9084.0	9626.1	10283.7	11015.0	11544.3	9321.4	6505.1	6283.8	4169.9	997.6
52.5°	8250.1	8275.7	8849.9	9809.0	10633.3	11698.3	11419.2	8221.2	7861.9	5148.3	1376.1
55°	7396.8	7409.7	7916.5	9266.9	10453.7	11239.6	12497.0	10431.2	10049.5	6367.2	1745.0
57.5°	6575.7	6575.7	6764.9	7964.6	10258.0	11197.9	12368.7	12452.1	12140.9	7759.3	2017.6
60°	4939.8	4971.8	5443.4	6283.8	8846.7	11258.8	12041.5	13096.8	13096.8	9690.3	2226.1
62.5°	2495.5	2543.7	3130.7	3948.6	6068.9	10418.4	12092.8	12772.8	12824.1	11393.5	2700.8
65°	1170.8	1225.3	1539.7	2117.0	3265.4	7332.7	11560.3	12497.0	12480.9	11069.6	3701.6
67.5°	840.4	856.4	962.3	1234.9	1757.8	3214.1	8824.2	11672.6	11679.0	9404.8	4256.5
70°	753.8	753.8	779.5	859.6	1058.5	1437.0	4288.6	9452.9	9911.6	7262.1	3945.4
72.5°	744.2	737.8	731.3	734.5	715.3	721.7	1472.3	5337.5	5991.9	5080.9	3146.7
75°	724.9	724.9	718.5	696.1	571.0	465.1	506.8	2158.7	2495.5	3393.7	2335.2
77.5°	574.2	631.9	699.3	657.6	522.8	349.6	295.1	625.5	789.1	2081.8	1693.6
80°	266.2	269.4	266.2	279.1	333.6	250.2	218.1	304.7	307.9	1154.8	1048.9
82.5°	192.5	195.7	186.0	166.8	147.6	134.7	179.6	224.5	240.6	529.3	391.3
85°	57.7	54.5	64.2	86.6	102.6	118.7	150.8	189.3	198.9	195.7	57.7
87.5°	25.7	25.7	32.1	44.9	60.9	89.8	131.5	173.2	176.4	202.1	16.0
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: NVN-SA4A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
2.5°	80.2	77.0	73.8	70.6	67.4	64.2	60.9	60.9	64.2	64.2	64.2
5°	77.0	73.8	67.4	60.9	57.7	54.5	51.3	51.3	54.5	54.5	54.5
7.5°	77.0	70.6	64.2	57.7	51.3	48.1	44.9	44.9	44.9	48.1	48.1
10°	77.0	70.6	60.9	51.3	44.9	41.7	38.5	35.3	38.5	38.5	38.5
12.5°	73.8	67.4	57.7	48.1	38.5	32.1	28.9	28.9	28.9	28.9	28.9
15°	70.6	64.2	54.5	41.7	32.1	25.7	19.2	19.2	19.2	22.5	22.5
17.5°	67.4	60.9	48.1	32.1	22.5	16.0	12.8	12.8	12.8	16.0	16.0
20°	67.4	57.7	41.7	25.7	16.0	9.6	6.4	6.4	6.4	9.6	12.8
22.5°	67.4	57.7	38.5	19.2	9.6	6.4	3.2	3.2	3.2	3.2	3.2
25°	67.4	54.5	35.3	16.0	6.4	3.2	0.0	0.0	3.2	6.4	9.6
27.5°	67.4	51.3	28.9	9.6	6.4	3.2	0.0	3.2	6.4	6.4	6.4
30°	67.4	51.3	25.7	9.6	3.2	0.0	0.0	3.2	6.4	6.4	9.6
32.5°	70.6	48.1	22.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	73.8	44.9	19.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	80.2	44.9	12.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	89.8	48.1	12.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	112.3	51.3	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	157.2	64.2	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	231.0	96.2	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	336.8	131.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	413.8	131.5	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	410.6	83.4	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	314.3	57.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	266.2	41.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	320.8	32.1	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	571.0	28.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	917.4	28.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1026.4	28.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	801.9	25.7	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	439.4	22.5	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	221.3	16.0	6.4	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0
80°	93.0	12.8	6.4	3.2	3.2	3.2	0.0	0.0	0.0	0.0	0.0
82.5°	32.1	12.8	6.4	6.4	3.2	3.2	0.0	0.0	0.0	0.0	0.0
85°	16.0	9.6	9.6	6.4	6.4	3.2	3.2	0.0	0.0	0.0	0.0
87.5°	9.6	9.6	9.6	6.4	6.4	3.2	3.2	0.0	0.0	0.0	3.2
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: SP1-2407-184-3

Test Date: 10/09/2024

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

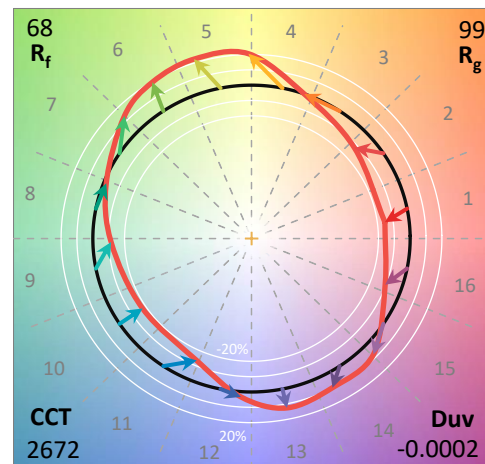
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

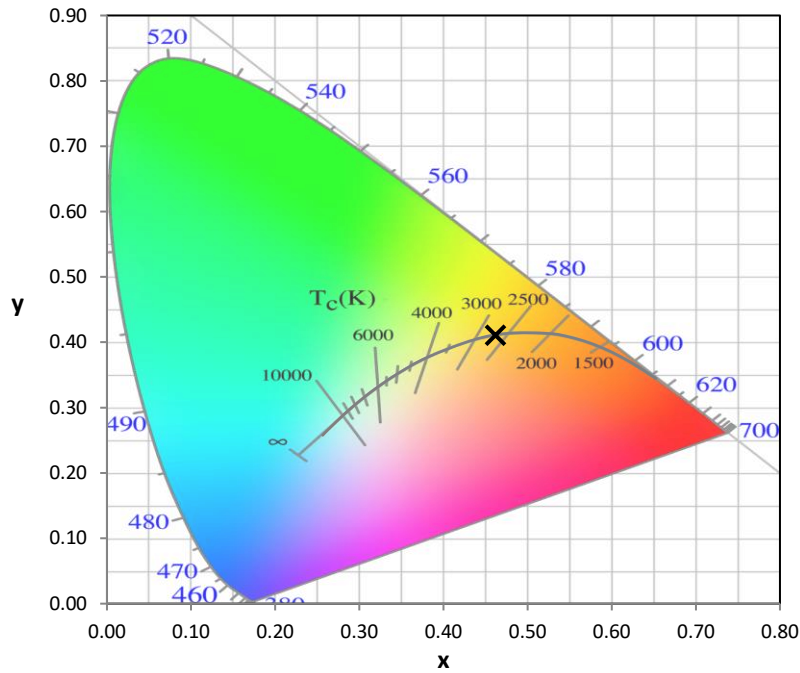
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

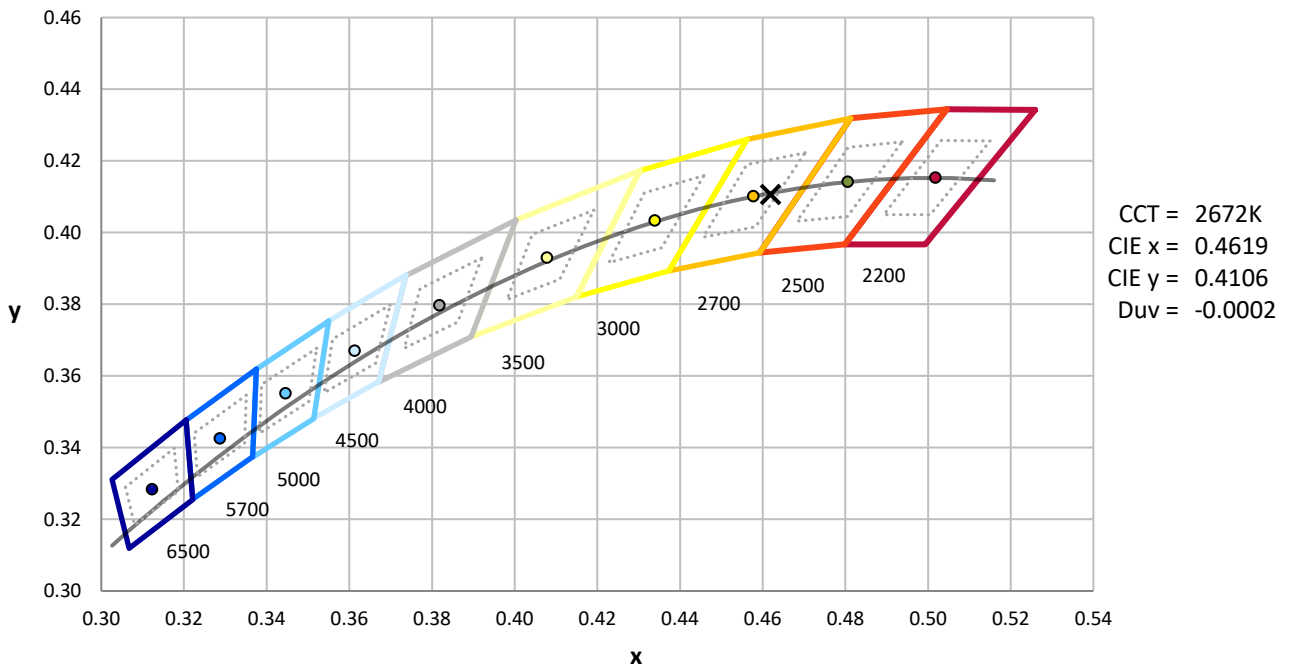
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

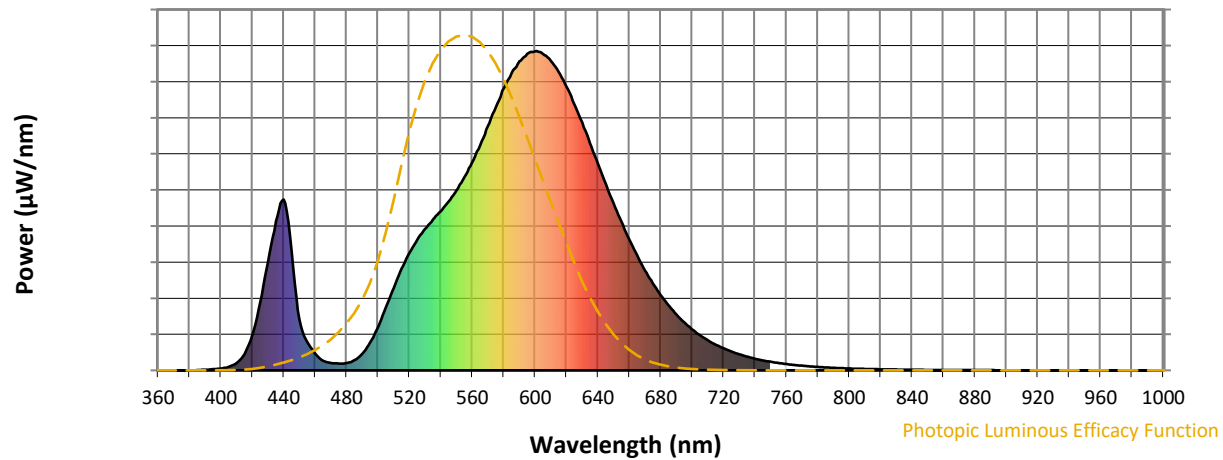


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

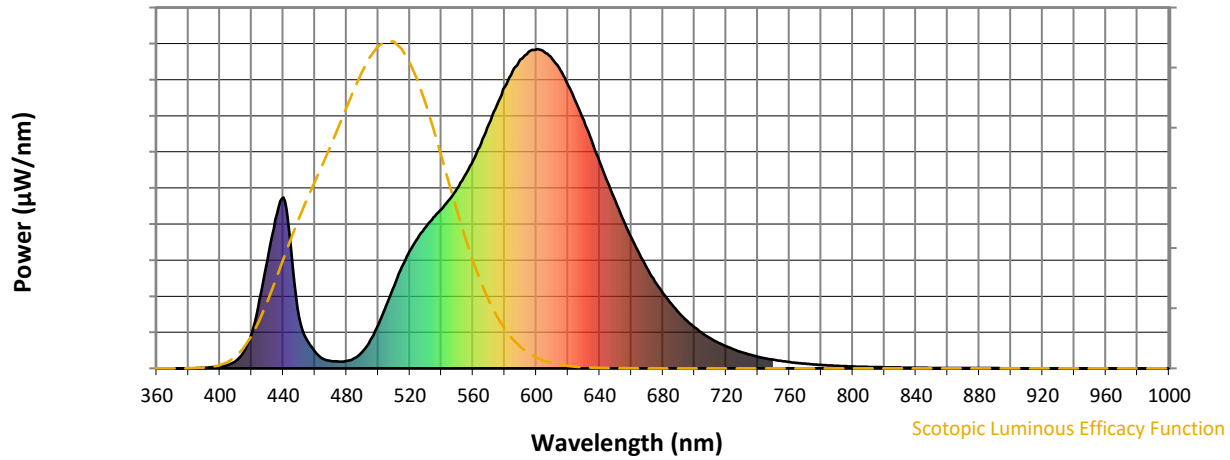


Photopic Lumens: NR

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	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



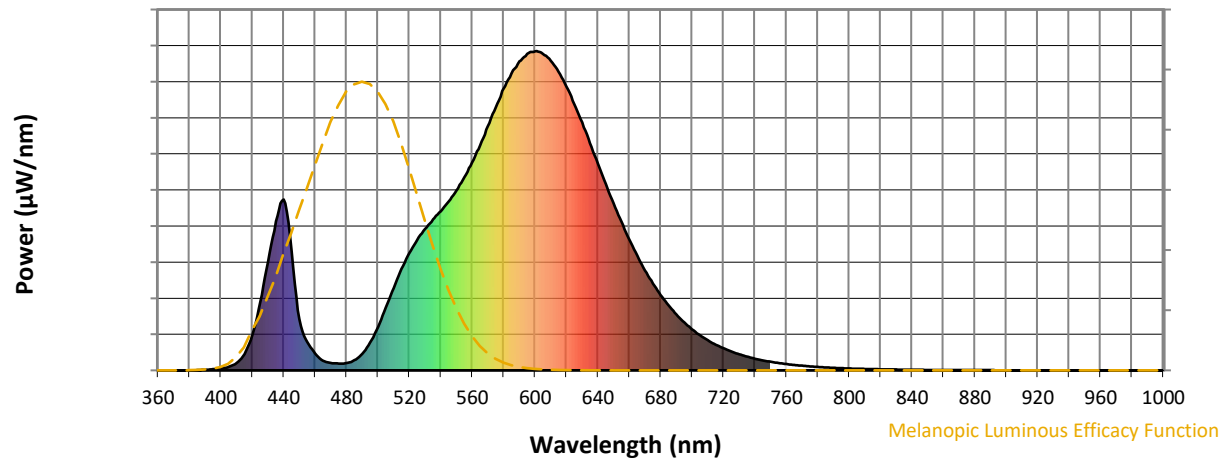
Scotopic Lumens: NR

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

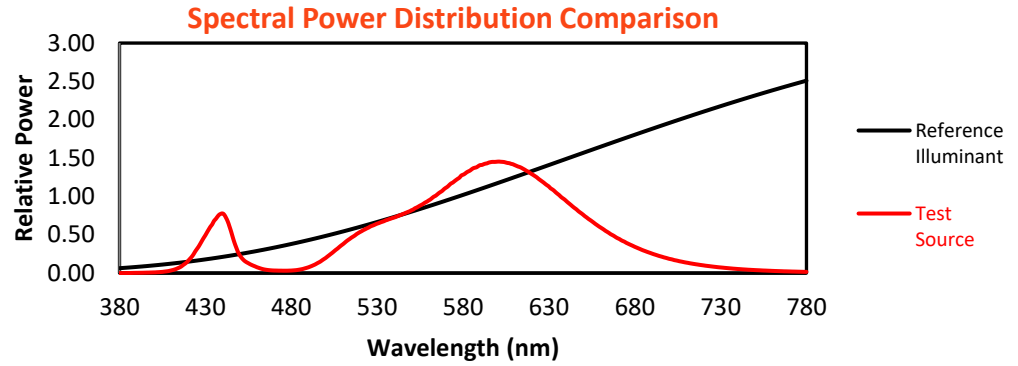
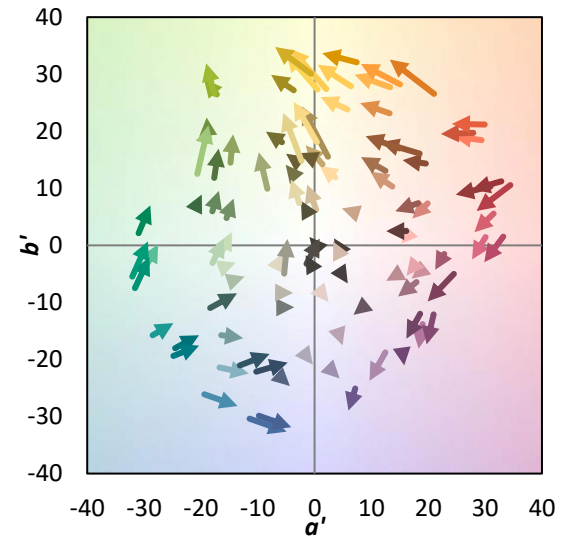
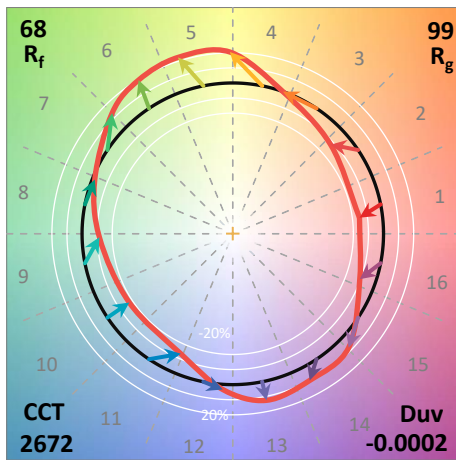
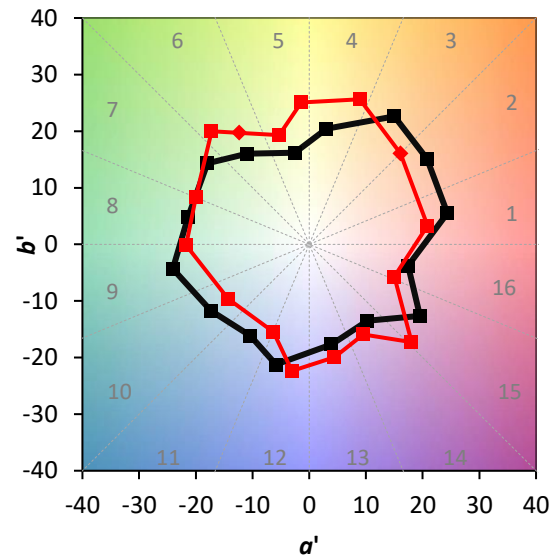
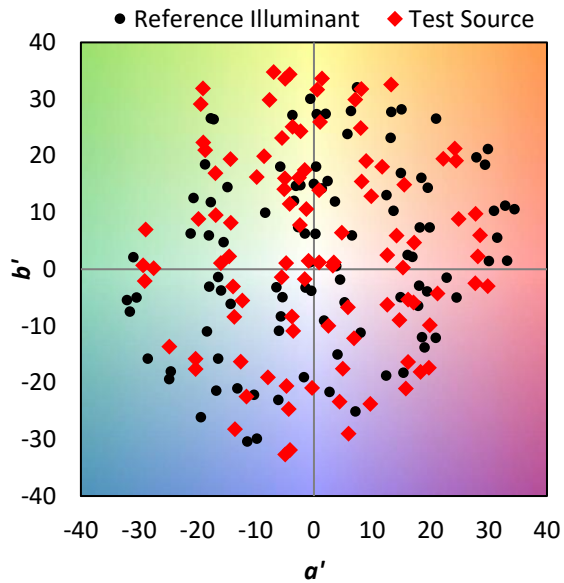


Melanopic Lumens: NR

M/P: 1.71

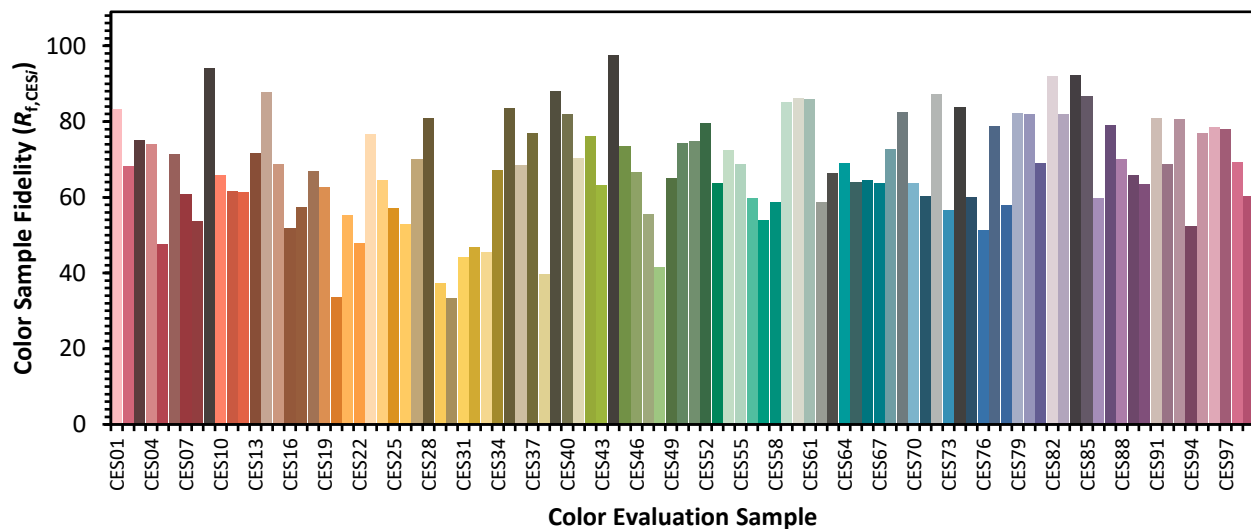
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	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			

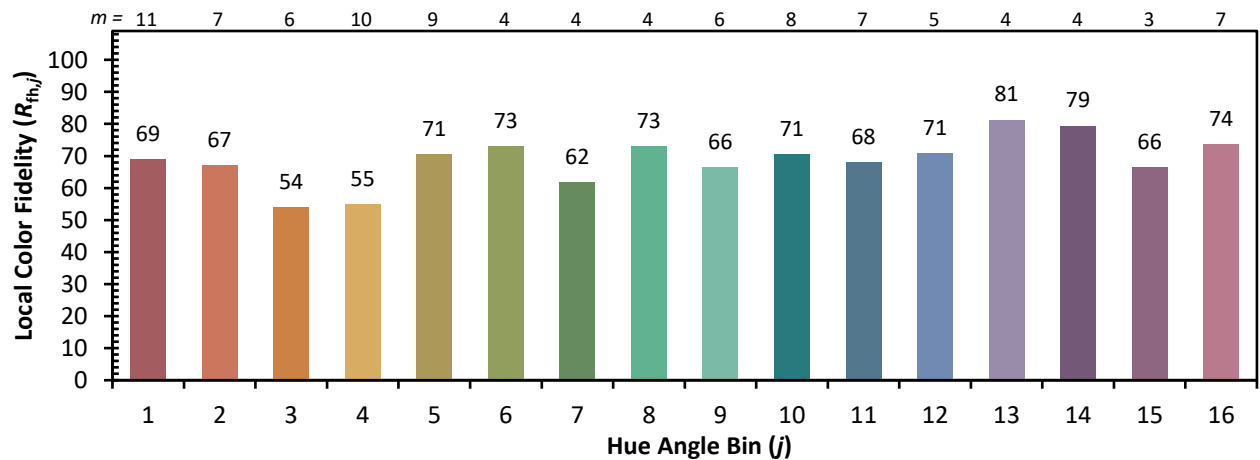
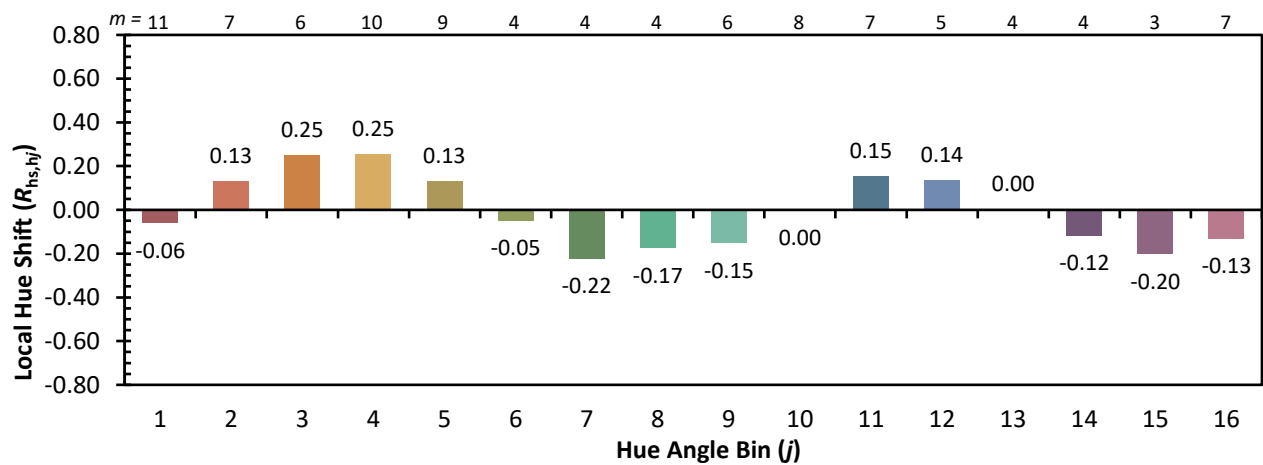
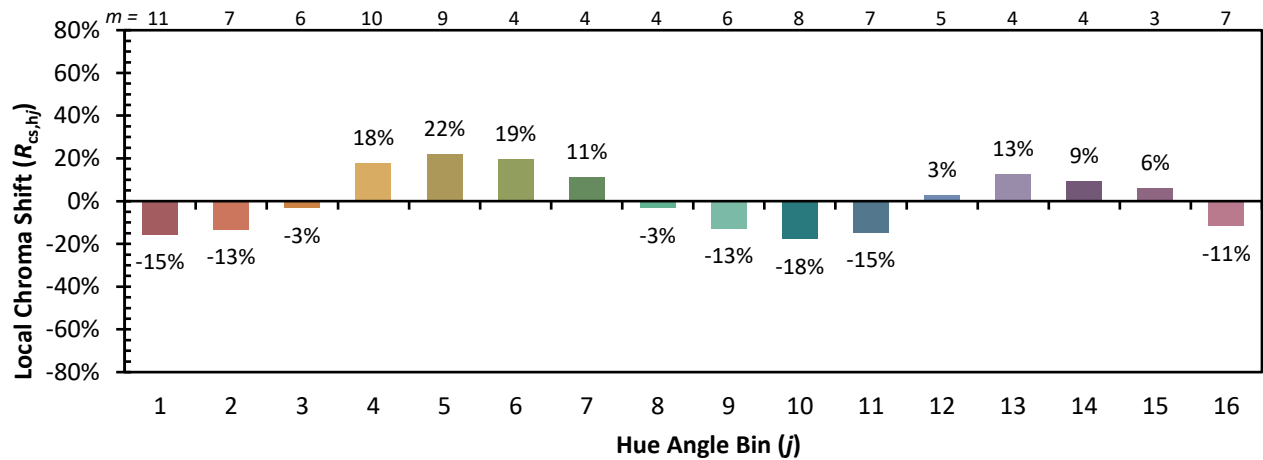
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TM-30-18
Summary
 $R_f = 67.9$
 $R_g = 98.6$
 $CIE\ R_a = 71.1$
 $R_g = -27.8$

Color Vector Graphics


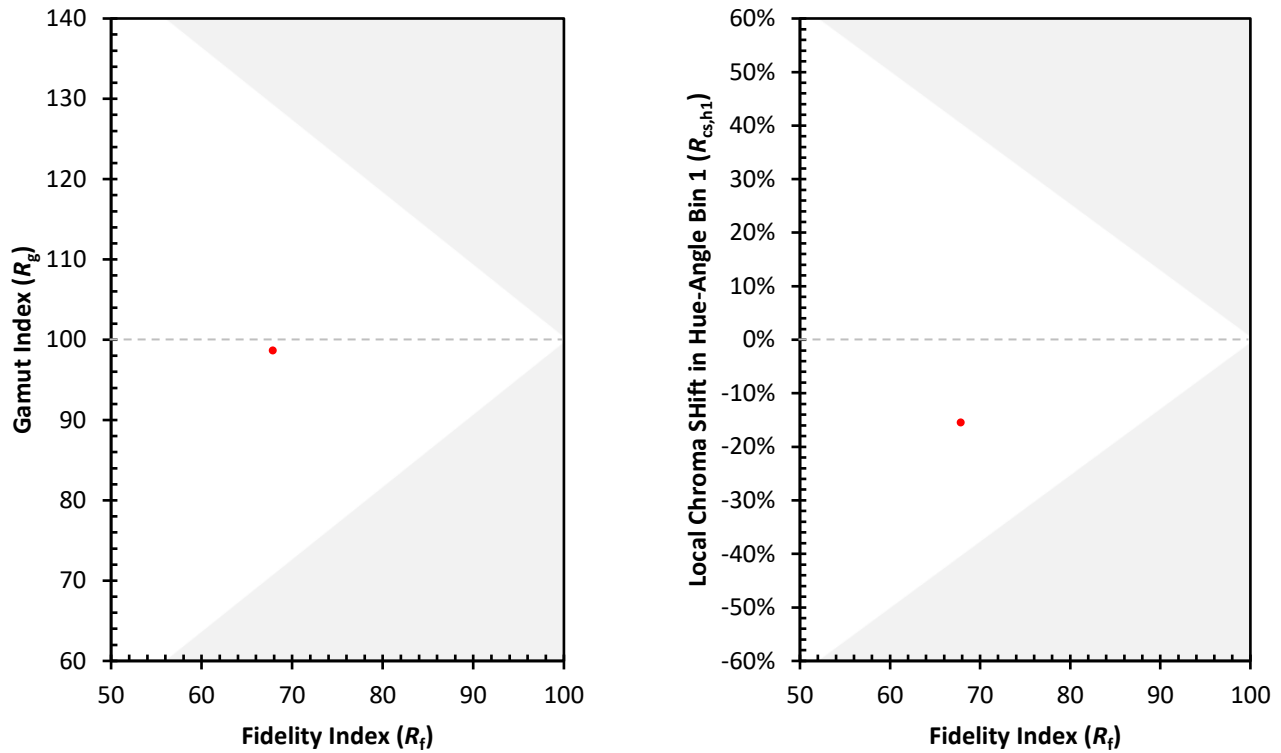
Individual Sample Fidelity Index ($R_{f,i}$)

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)