

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: P1065777

Luminaire Tested: **NVN-SA6A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065777
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA6A-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18656.2 lumens
Efficiency: N/A
Efficacy: 115.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 161.6
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

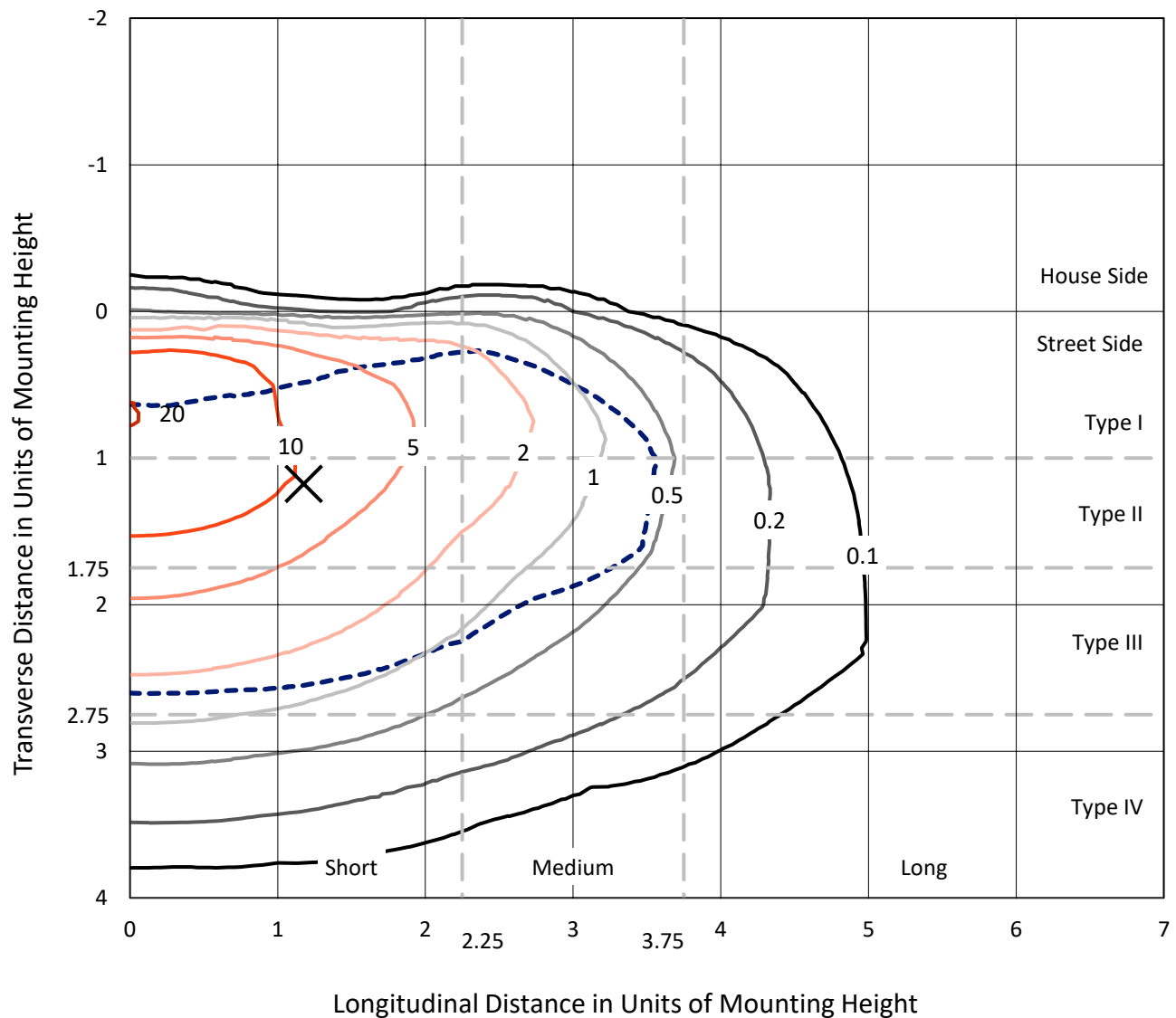


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

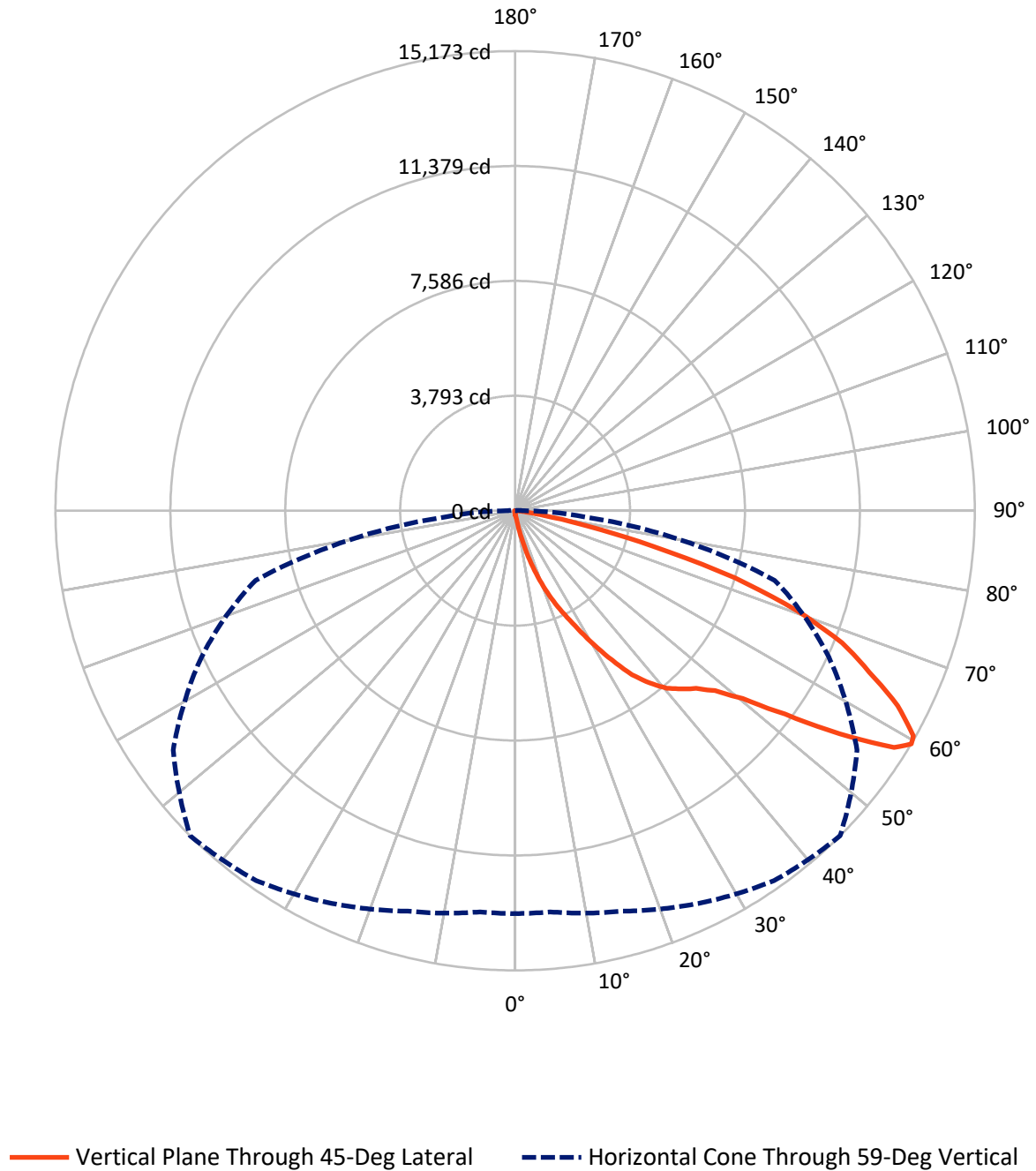


Based on 15 foot mounting height. Maximum calculated value = 20.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	66.2	0.0	66.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18590.0	0.0	18590.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	18656.2	0.0	18656.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	0.1
10°-20°	206.2	1.1
20°-30°	740.9	4.0
30°-40°	1721.7	9.2
40°-50°	2934.5	15.7
50°-60°	4835.3	25.9
60°-70°	5590.7	30.0
70°-80°	2401.9	12.9
80°-90°	207.6	1.1
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°	18656.2	100.0
0°-180°	18656.2	100.0



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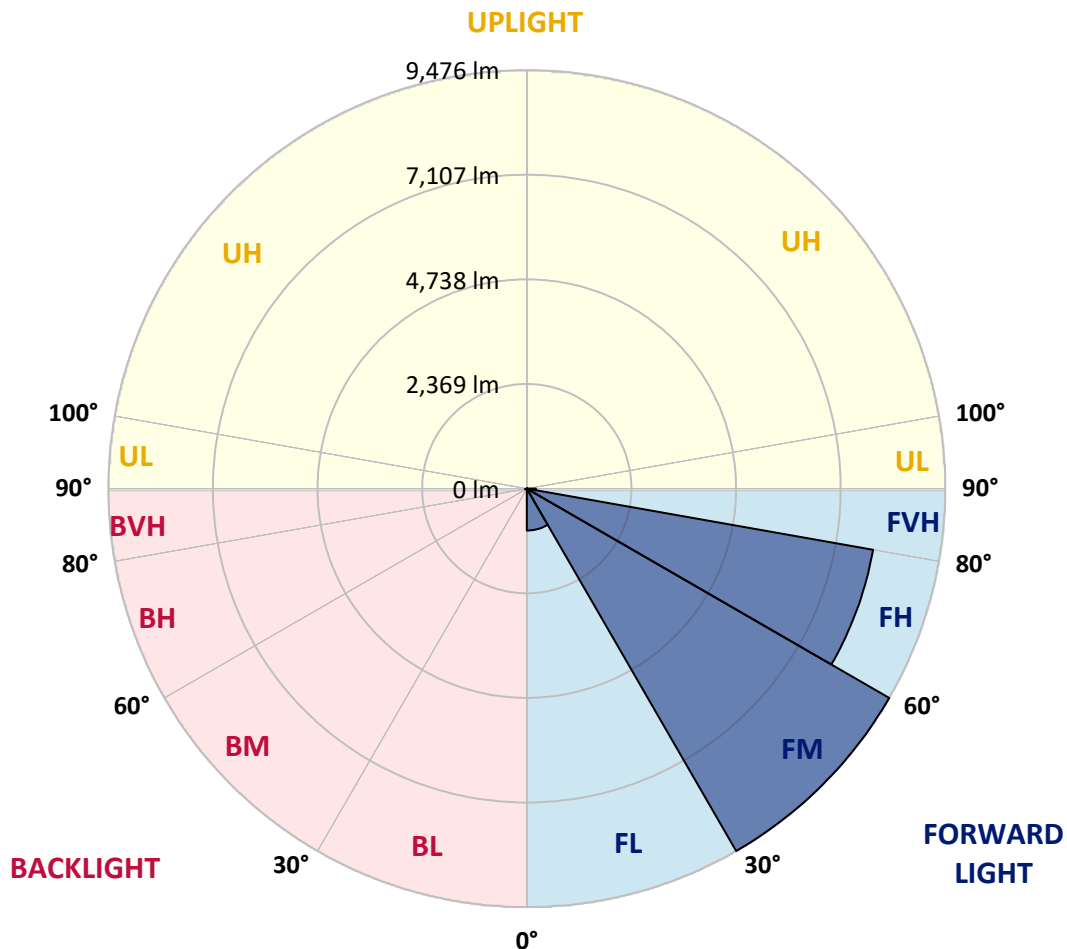
CATALOG NUMBER: NVN-SA6A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	948.1	5.1			
FM	(30°-60°)	9475.5	50.8			
FH	(60°-80°)	7961.5	42.7			G4/12000
FVH	(80°-90°)	204.9	1.1			G2/225
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	16.0	0.1	B0/220		
BH	(60°-80°)	31.2	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9
2.5°	153.0	153.0	149.3	144.3	143.0	139.2	139.2	135.5	130.5	126.7	121.7
5°	222.0	220.8	210.7	198.2	181.9	171.9	171.9	158.1	145.5	134.2	124.2
7.5°	485.5	474.2	437.8	377.6	298.6	245.9	242.1	196.9	166.8	144.3	125.4
10°	1114.0	1075.1	1023.6	879.4	649.8	454.1	445.3	287.3	199.5	155.6	128.0
12.5°	1825.2	1856.6	1753.7	1526.7	1258.2	935.8	873.1	484.2	263.4	170.6	130.5
15°	2472.5	2465.0	2407.3	2221.6	1911.8	1482.8	1443.9	841.7	377.6	194.4	133.0
17.5°	2956.7	2948.0	2892.8	2773.6	2535.2	2106.2	2072.4	1342.3	592.1	228.3	135.5
20°	3467.3	3456.0	3378.2	3282.9	3074.7	2709.6	2669.5	1901.7	927.0	283.5	135.5
22.5°	4079.5	4058.1	3975.4	3813.5	3594.0	3276.6	3240.2	2473.8	1342.3	373.8	141.8
25°	4819.6	4783.2	4669.1	4523.5	4258.9	3837.4	3798.5	3111.0	1842.8	510.6	148.0
27.5°	5663.8	5670.1	5515.8	5269.9	4914.9	4484.7	4411.9	3681.8	2360.9	706.3	155.6
30°	6666.1	6603.4	6386.4	6100.4	5755.4	5207.2	5137.0	4250.1	2942.9	994.8	168.1
32.5°	7604.5	7536.7	7244.4	6884.4	6514.4	5936.1	5878.4	4888.6	3472.3	1336.0	190.7
35°	8409.8	8362.2	7953.2	7514.2	7185.5	6668.7	6651.1	5601.1	4094.5	1703.5	215.8
37.5°	9118.6	9032.0	8506.4	8051.1	7717.4	7254.5	7216.8	6253.4	4694.2	2130.1	253.4
40°	9723.2	9675.6	9034.5	8436.2	8165.2	7751.2	7703.6	6825.5	5313.8	2625.6	299.8
42.5°	10370.5	10307.8	9685.6	9014.5	8515.2	8072.4	8041.0	7297.1	5865.8	3170.0	368.8
45°	11101.9	10985.2	10439.5	9837.4	9078.5	8404.8	8369.7	7717.4	6431.6	3754.6	452.9
47.5°	11883.4	11781.8	11340.2	10917.5	10044.4	8953.0	8877.7	8074.9	6993.6	4429.5	559.5
50°	12678.7	12681.2	12350.1	12146.8	11224.8	9843.7	9737.0	8600.5	7584.4	5152.0	717.5
52.5°	13604.5	13628.3	13623.3	13472.8	12757.8	11300.1	11157.1	9398.3	8270.6	5995.0	935.8
55°	13992.1	14034.8	14312.0	14645.7	14451.3	13146.6	12993.6	10774.5	9180.1	6934.6	1259.5
57.5°	13674.8	13722.4	14105.0	14689.6	15136.2	14763.6	14746.1	12565.8	10378.1	8073.6	1788.8
59°	13297.2	13290.9	13683.5	14303.2	14905.4	15147.5	15172.6	13777.6	11421.8	8872.7	2245.5
60°	13046.3	13051.3	13312.2	13948.2	14588.0	15008.2	15106.1	14491.4	12031.4	9447.3	2636.9
62.5°	12077.8	12135.5	12342.5	12933.4	13540.5	14009.7	14176.5	15127.4	13776.4	10804.6	3997.9
65°	11025.4	11029.1	11323.9	11829.5	12411.5	12741.4	12846.8	14137.6	14941.8	12187.0	5783.0
67.5°	9147.4	9224.0	9558.9	10378.1	11147.0	11564.8	11645.1	12306.2	14458.8	13087.7	6677.4
70°	6401.5	6501.8	6979.8	8042.3	9187.6	9873.8	9868.8	10230.0	12725.1	12686.2	5661.3
72.5°	3196.3	3369.5	3759.6	4897.4	6284.8	7362.4	7589.4	8229.2	10222.5	10537.4	4223.7
75°	1412.5	1422.5	1644.6	2217.9	3123.6	4492.2	4695.4	6531.9	7842.8	7323.5	3050.8
77.5°	821.7	829.2	869.3	996.0	1265.7	2201.6	2429.9	4283.9	5542.2	4256.3	1989.6
80°	298.6	306.1	304.8	377.6	554.5	866.8	965.9	2076.1	3696.9	2241.7	1042.4
82.5°	183.1	183.1	176.9	178.1	202.0	332.4	363.8	884.4	1800.1	1103.9	298.6
85°	90.3	95.3	101.6	114.2	135.5	164.3	174.4	253.4	605.9	267.2	71.5
87.5°	53.9	55.2	60.2	72.8	90.3	117.9	125.4	171.9	217.0	179.4	17.6
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9
2.5°	119.2	117.9	111.6	106.6	101.6	96.6	92.8	89.1	89.1	90.3	89.1
5°	119.2	114.2	104.1	95.3	87.8	81.5	75.3	70.2	69.0	69.0	70.2
7.5°	117.9	111.6	97.8	86.6	76.5	67.7	61.5	55.2	53.9	55.2	53.9
10°	116.7	109.1	92.8	79.0	65.2	56.5	47.7	41.4	41.4	41.4	42.7
12.5°	116.7	105.4	87.8	71.5	56.5	46.4	37.6	31.4	30.1	30.1	30.1
15°	115.4	102.9	82.8	62.7	47.7	35.1	27.6	21.3	21.3	21.3	21.3
17.5°	112.9	99.1	76.5	55.2	37.6	26.3	18.8	12.5	12.5	15.1	15.1
20°	110.4	95.3	69.0	45.2	31.4	20.1	12.5	7.5	7.5	11.3	12.5
22.5°	111.6	95.3	64.0	40.1	25.1	15.1	10.0	6.3	5.0	8.8	11.3
25°	112.9	92.8	57.7	35.1	18.8	11.3	7.5	2.5	1.3	2.5	3.8
27.5°	112.9	90.3	50.2	27.6	13.8	8.8	3.8	0.0	0.0	0.0	0.0
30°	111.6	86.6	43.9	22.6	10.0	5.0	1.3	0.0	0.0	0.0	0.0
32.5°	110.4	82.8	40.1	17.6	8.8	2.5	0.0	0.0	0.0	0.0	0.0
35°	111.6	77.8	35.1	13.8	5.0	0.0	0.0	0.0	0.0	0.0	2.5
37.5°	115.4	72.8	30.1	11.3	3.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	120.4	69.0	25.1	8.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	130.5	69.0	22.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	143.0	69.0	18.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	159.3	70.2	16.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	179.4	72.8	15.1	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	194.4	70.2	13.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	220.8	67.7	12.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	255.9	64.0	12.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	291.0	59.0	12.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	331.2	56.5	11.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	546.9	50.2	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1056.2	47.7	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1707.3	47.7	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1795.1	47.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1194.2	38.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	639.8	35.1	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	345.0	32.6	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	151.8	23.8	6.3	3.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	60.2	16.3	7.5	6.3	5.0	2.5	0.0	0.0	0.0	0.0	0.0
85°	28.9	12.5	10.0	8.8	6.3	3.8	0.0	0.0	0.0	0.0	0.0
87.5°	13.8	12.5	11.3	10.0	8.8	6.3	1.3	0.0	0.0	0.0	0.0
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

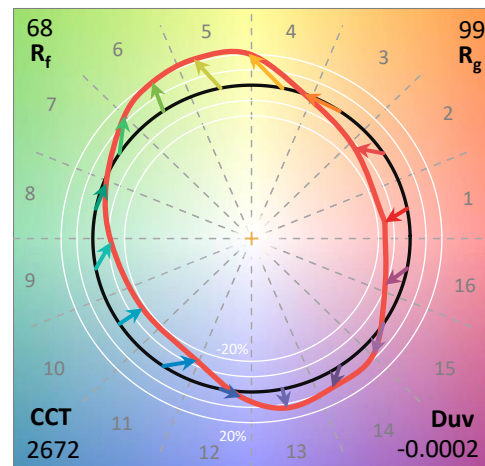
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

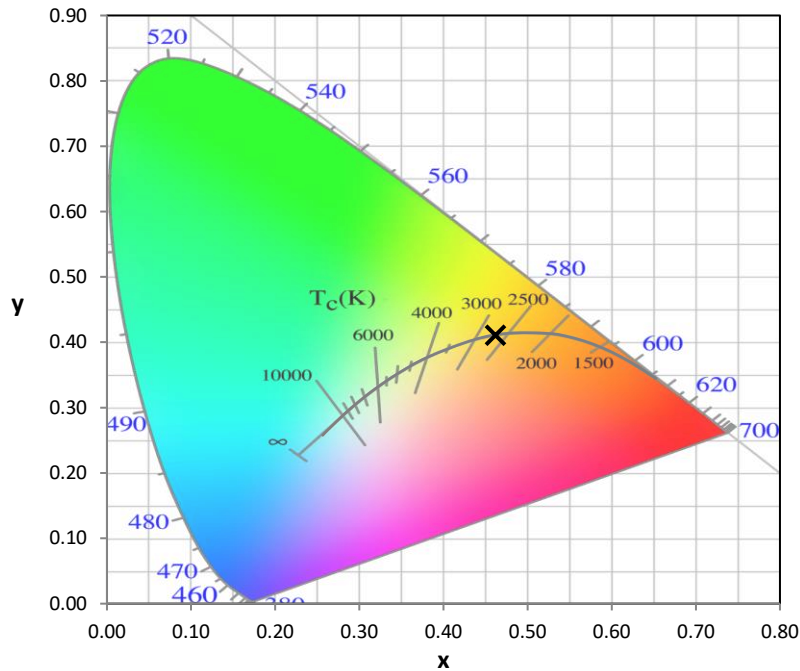
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

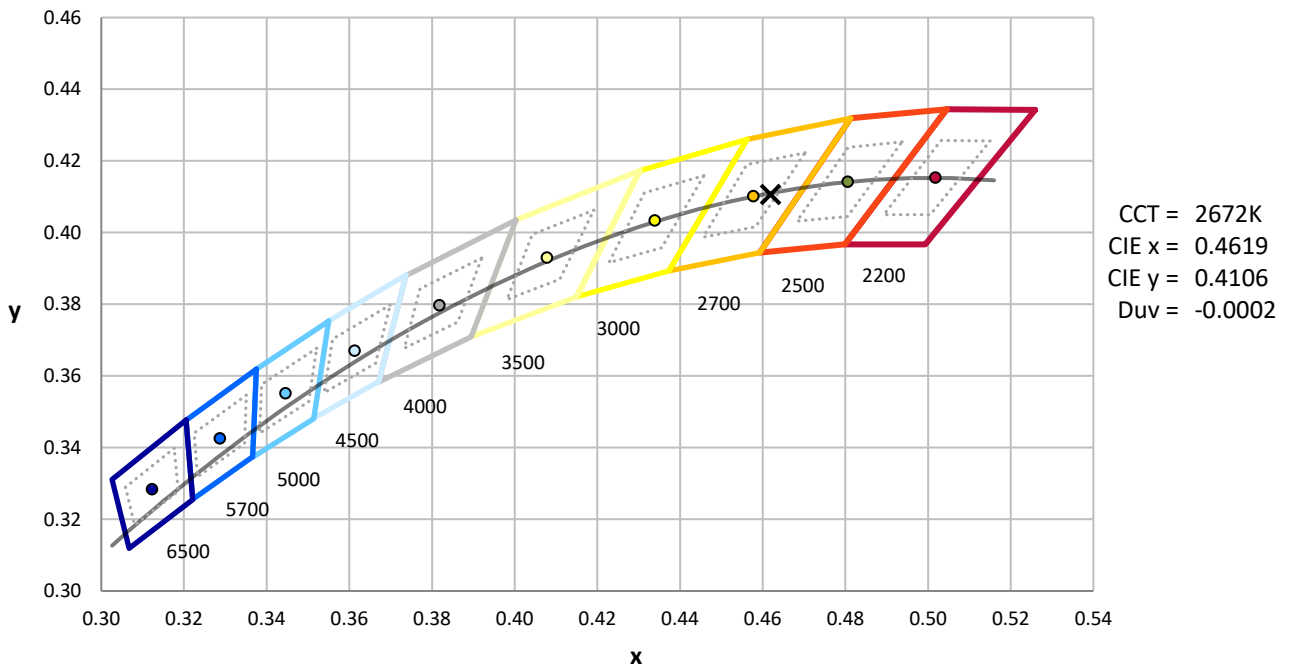
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

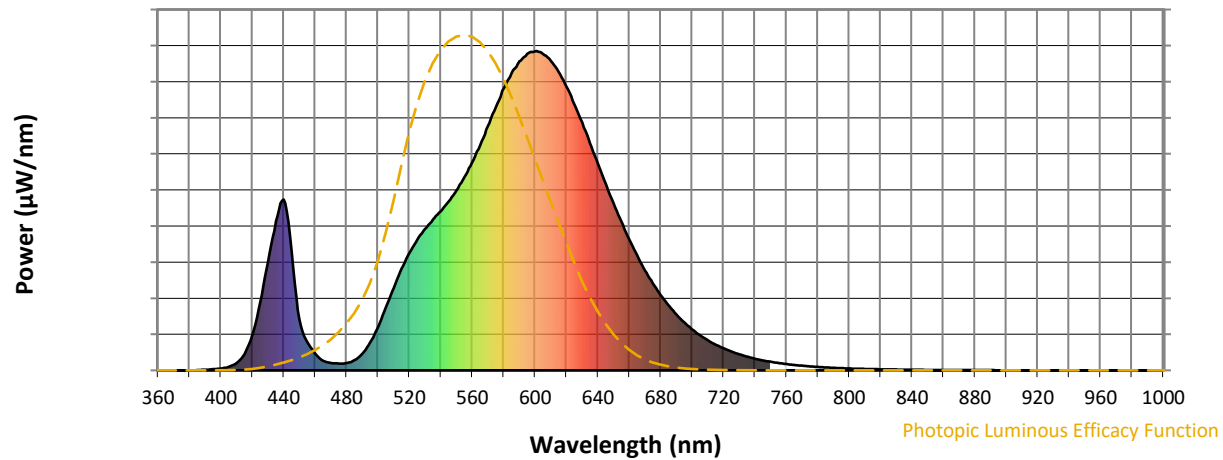


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

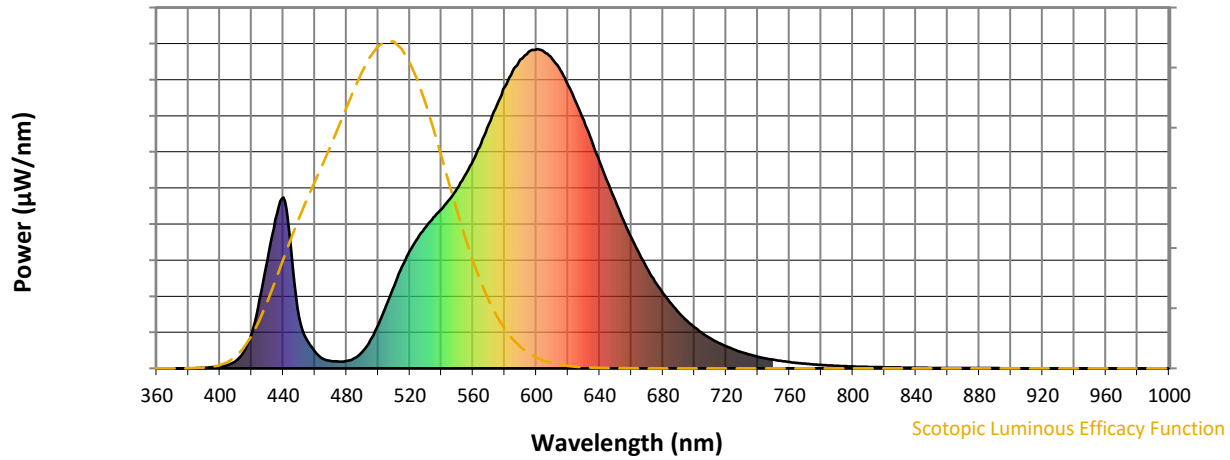


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength



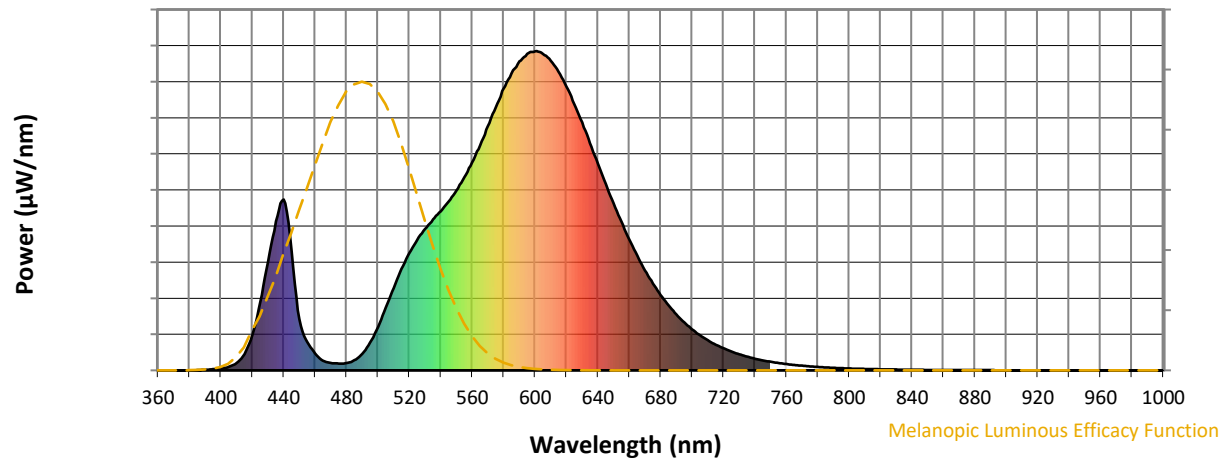
Scotopic Lumens: NR

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 $\text{W}^\wedge/\text{nm}$	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			

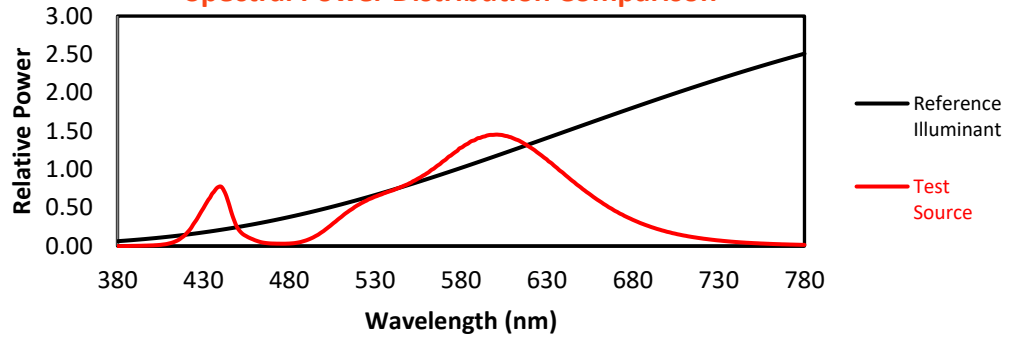
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TM-30-18

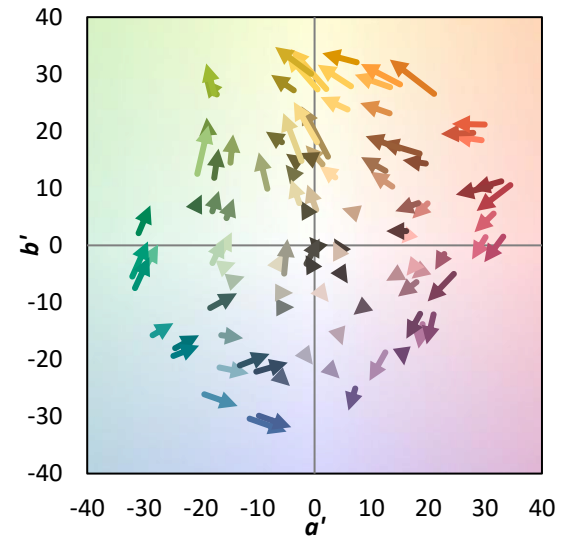
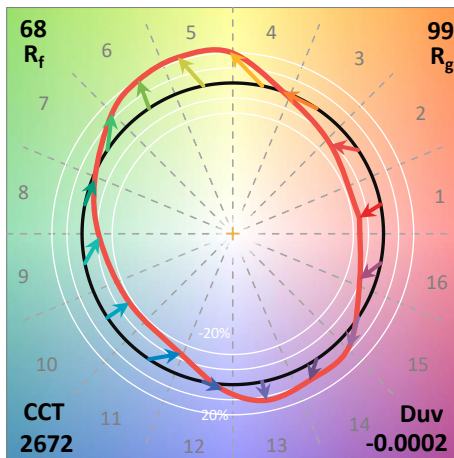
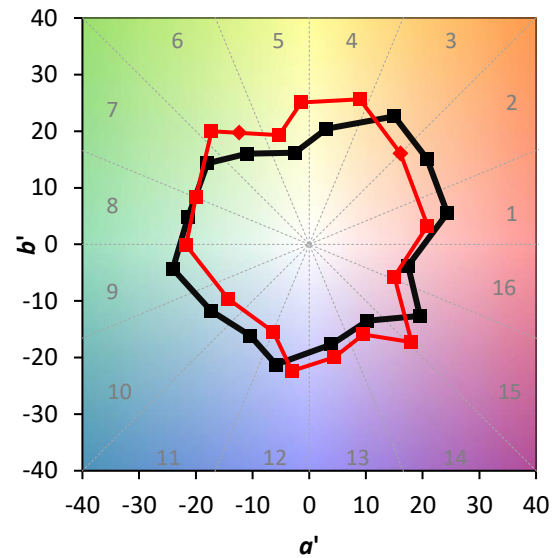
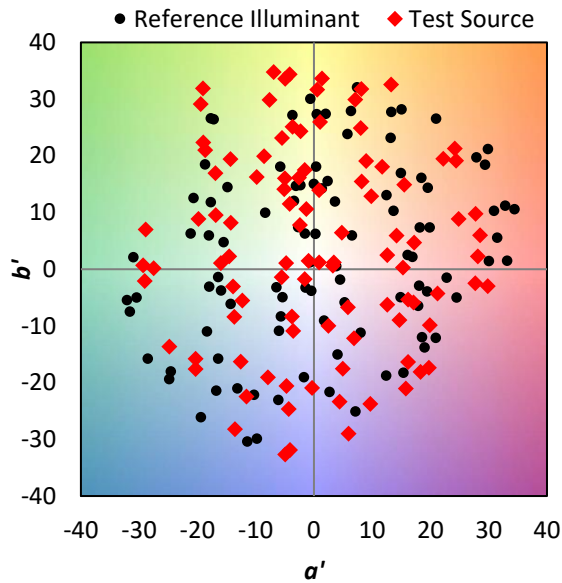
Summary

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

Spectral Power Distribution Comparison

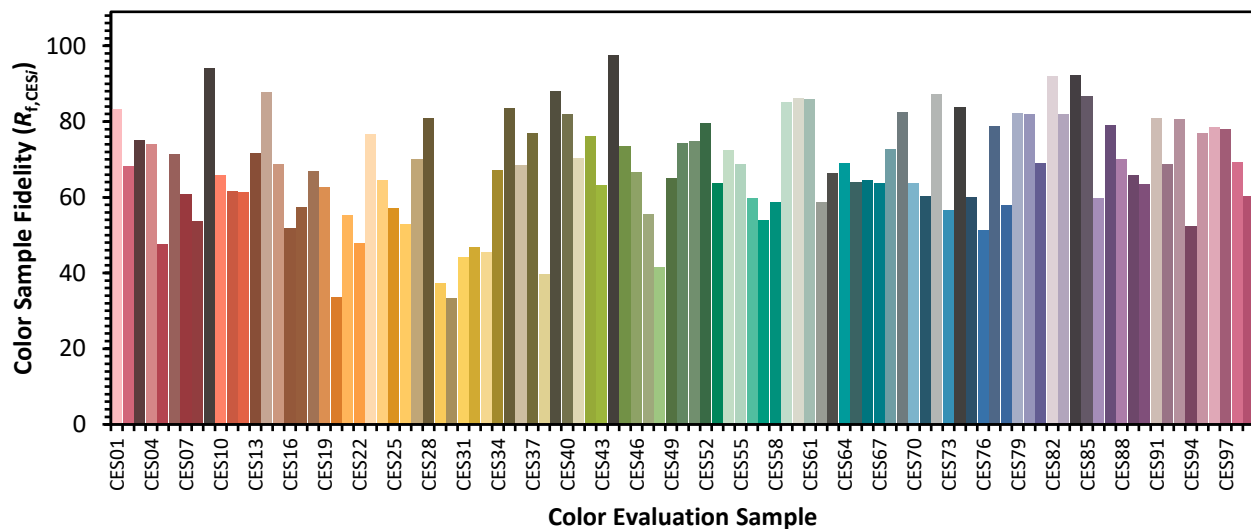


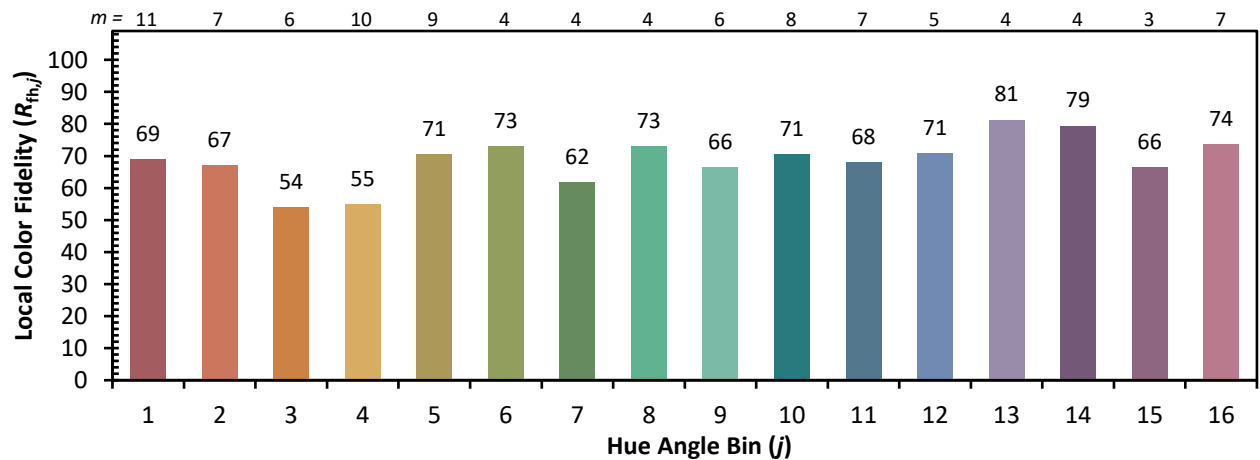
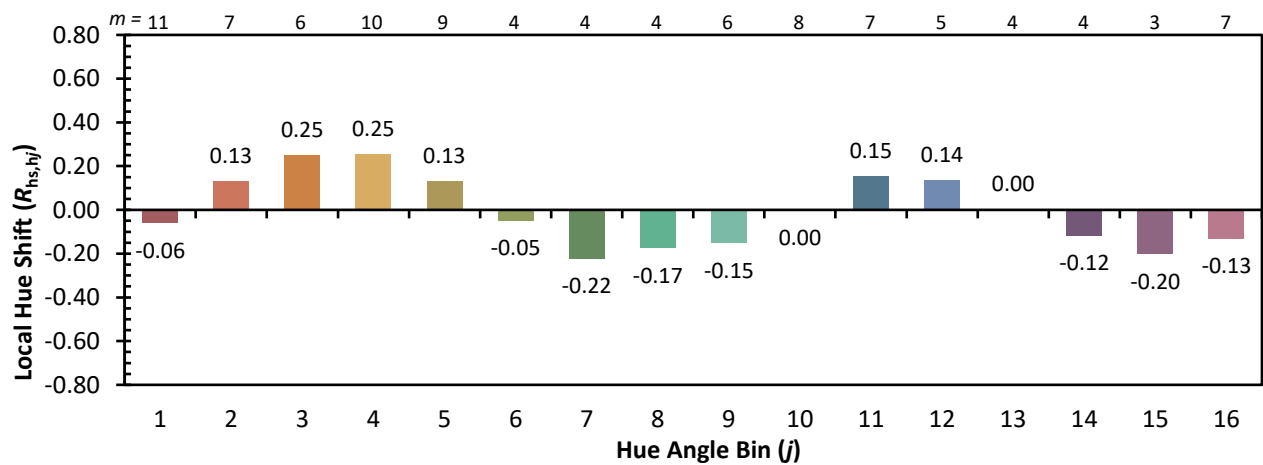
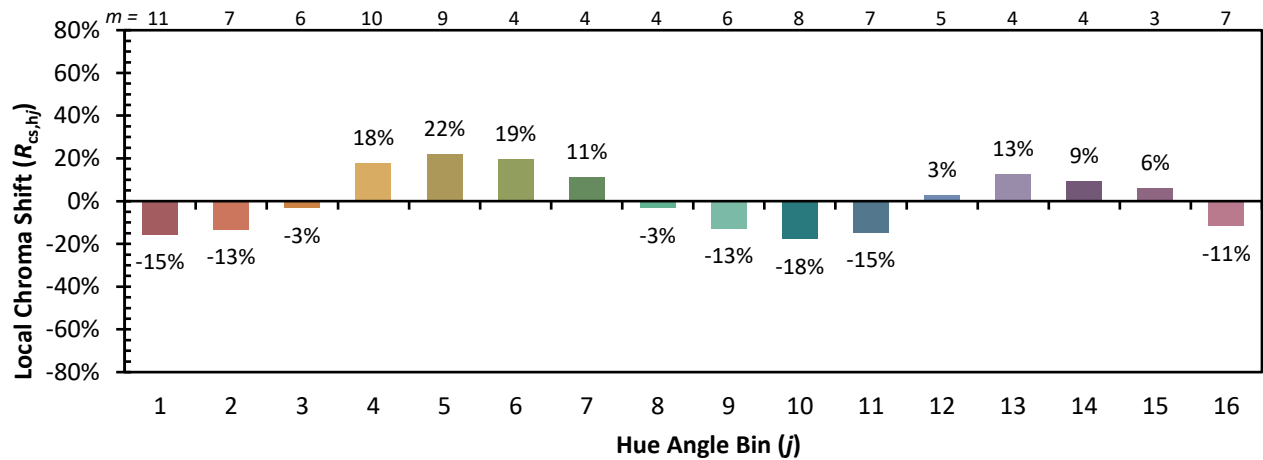
Color Vector Graphics



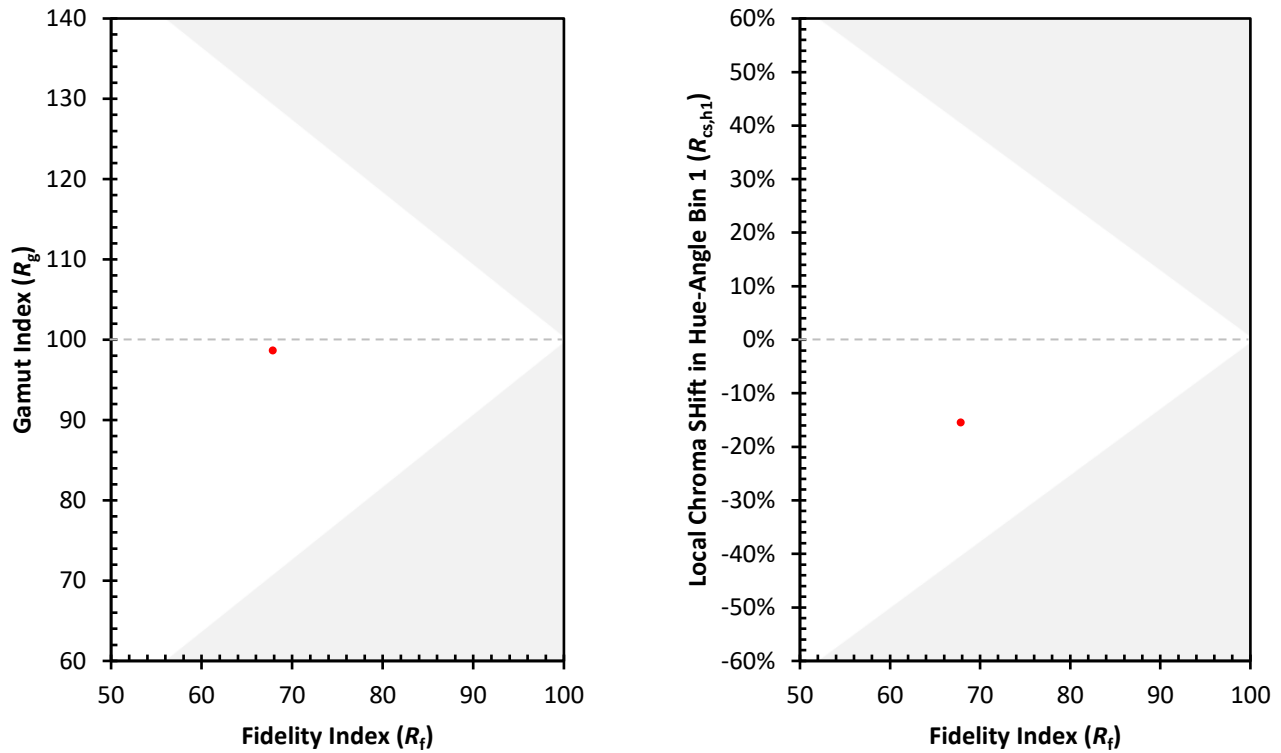
Individual Sample Fidelity Index ($R_{f,i}$)

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)