

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: P1063977

Luminaire Tested: **GLAN-SA9A-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063977
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA9A-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29650.6 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 244.6
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



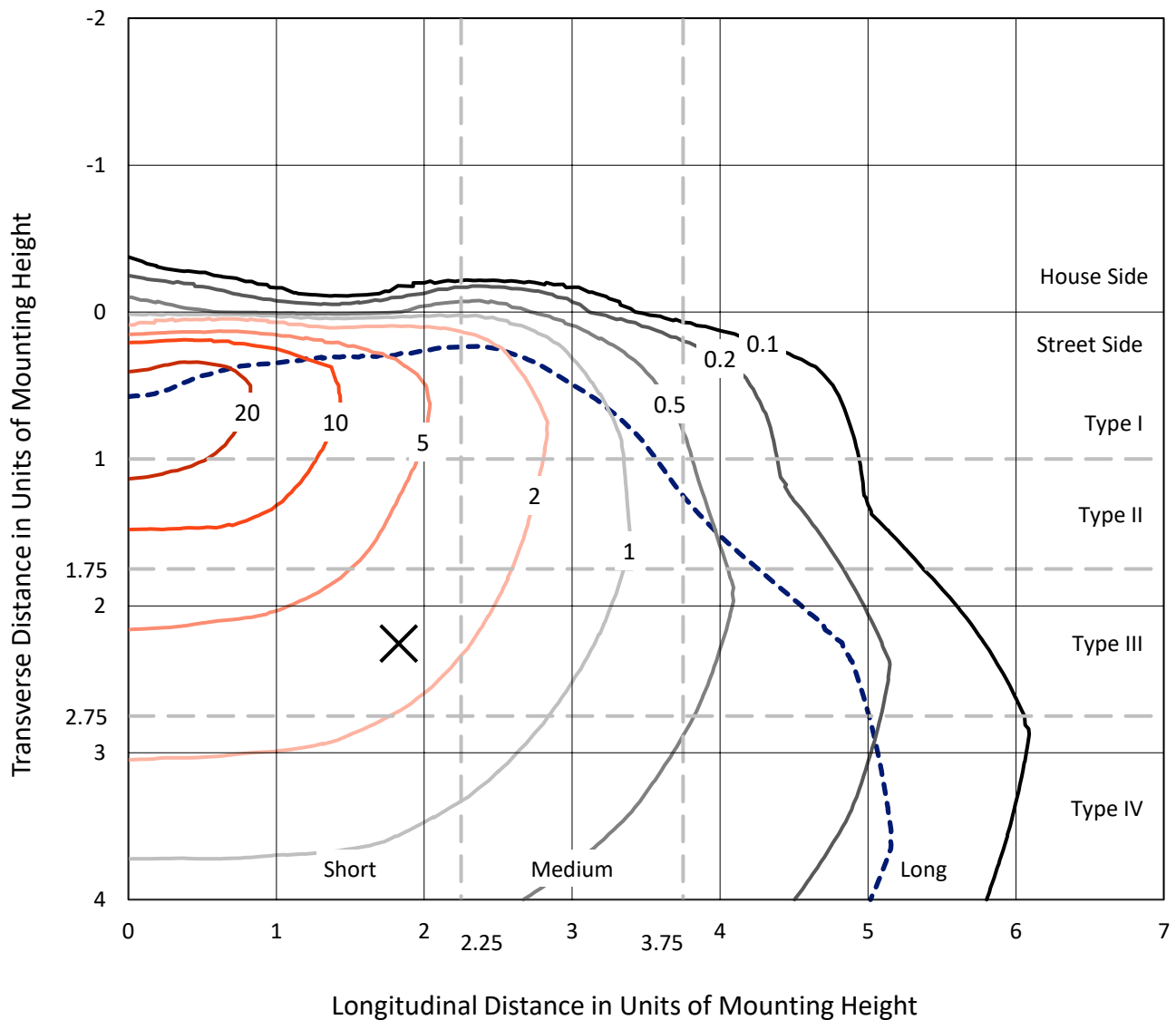
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

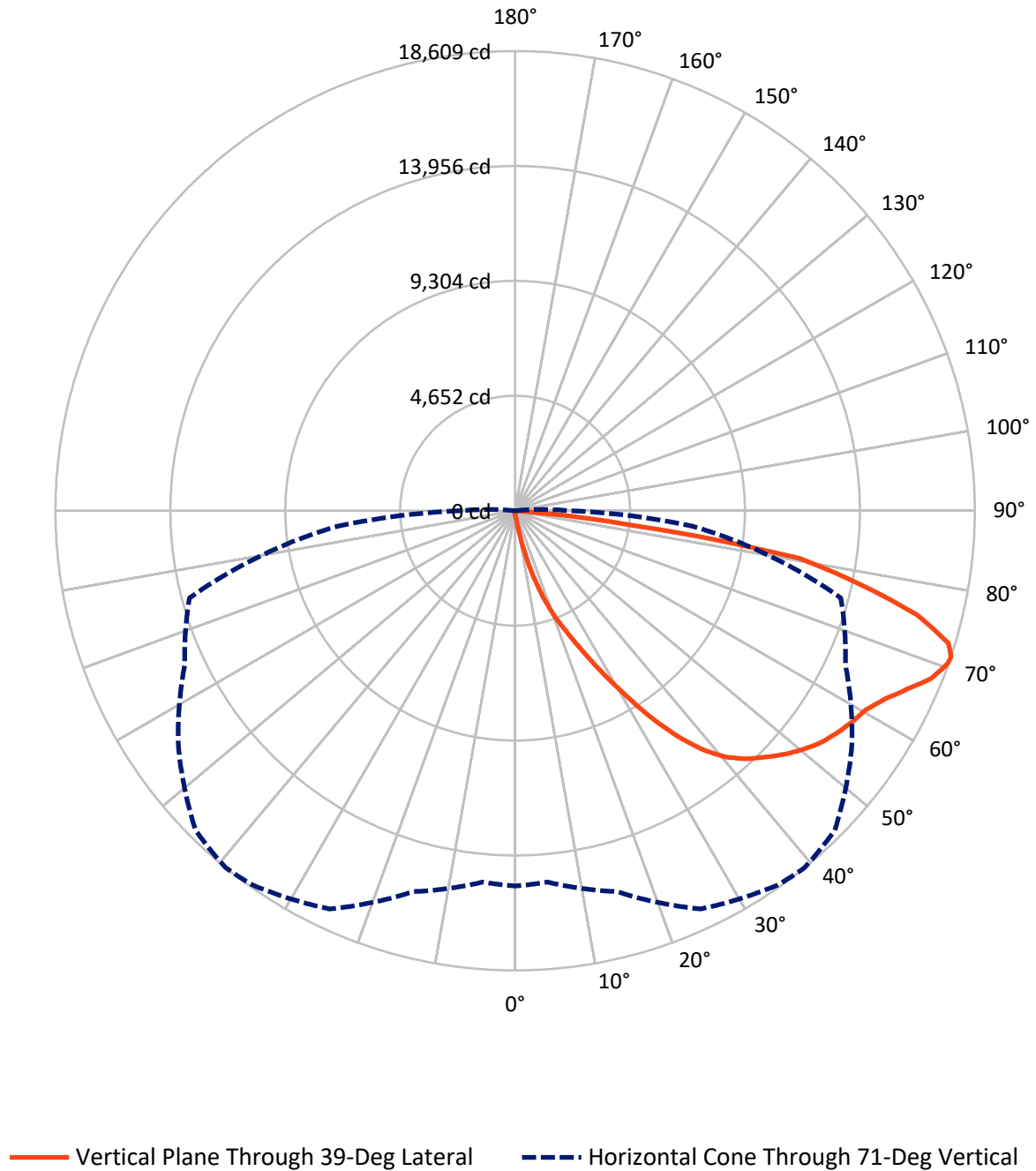


Based on 15 foot mounting height. Maximum calculated value = 30.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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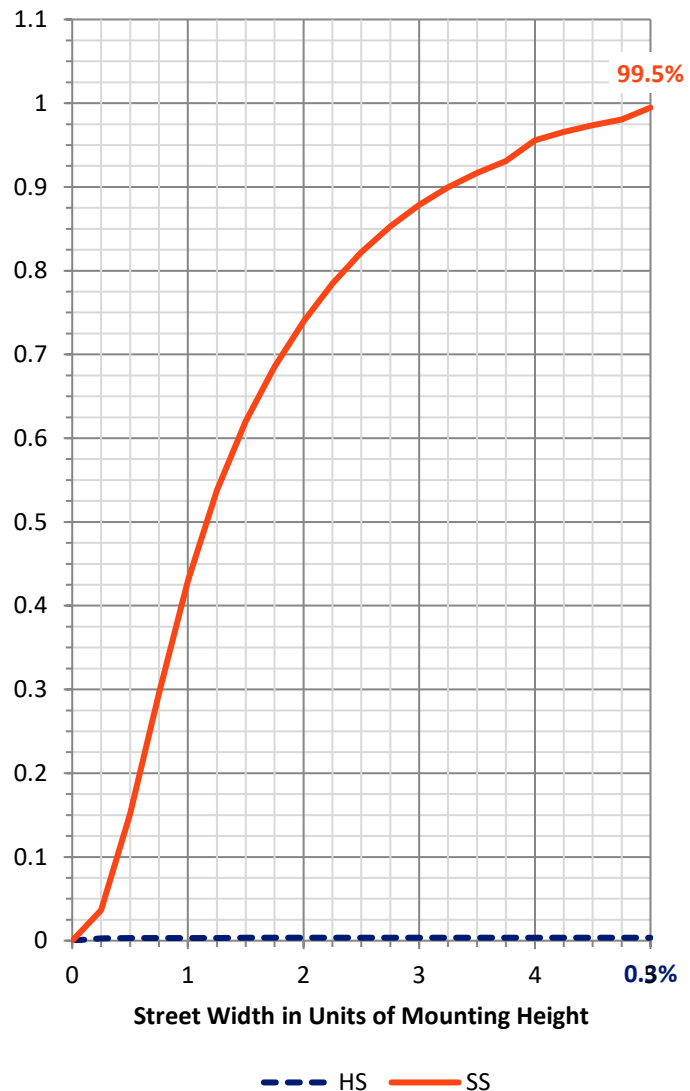
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	105.4	0.0	105.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	29545.2	0.0	29545.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	29650.6	0.0	29650.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.8	0.1
10°-20°	316.9	1.1
20°-30°	1128.6	3.8
30°-40°	2720.0	9.2
40°-50°	4552.1	15.4
50°-60°	5846.6	19.7
60°-70°	7398.9	25.0
70°-80°	6596.4	22.2
80°-90°	1066.3	3.6
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°	29650.6	100.0
0°-180°	29650.6	100.0



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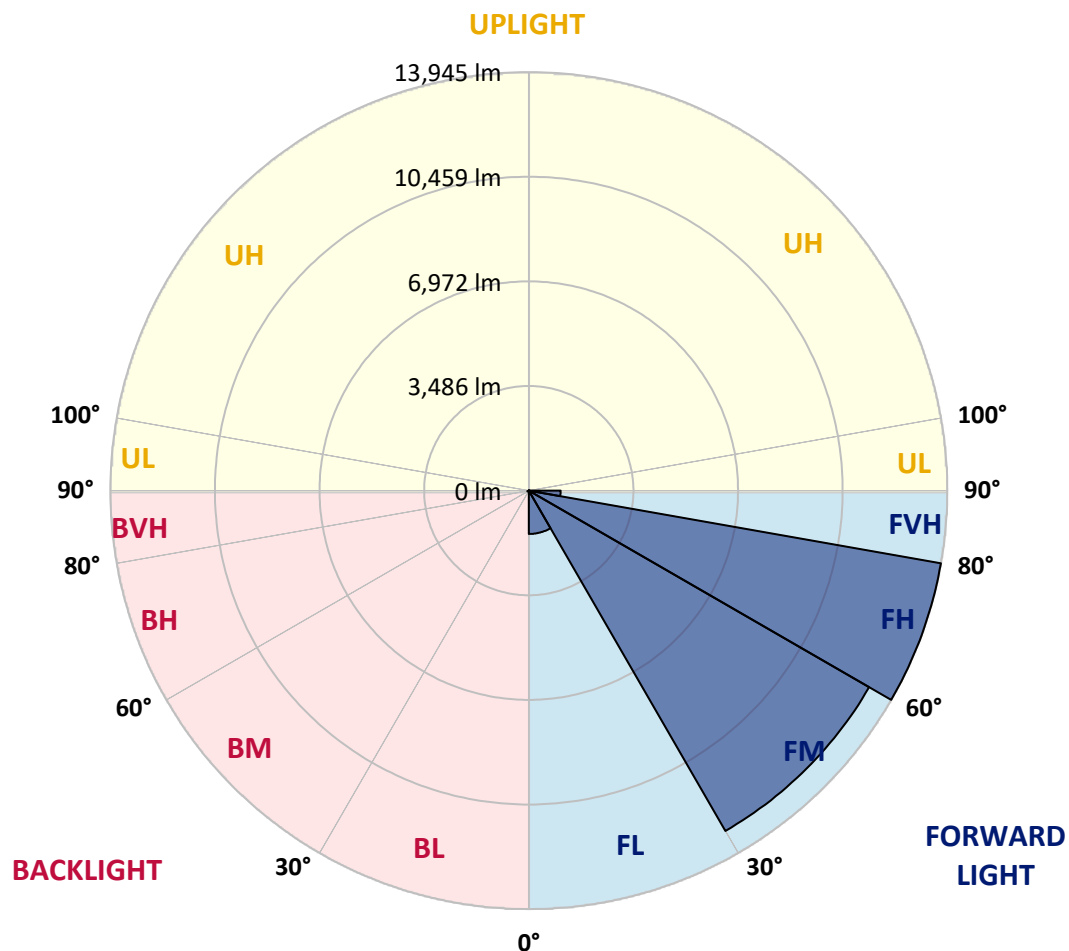
CATALOG NUMBER: GLAN-SA9A-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1444.8	4.9			
FM	(30°-60°)	13094.3	44.2			
FH	(60°-80°)	13944.7	47.0			G5
FVH	(80°-90°)	1061.4	3.6			G5
BL	(0°-30°)	25.5	0.1	B0/110		
BM	(30°-60°)	24.4	0.1	B0/220		
BH	(60°-80°)	50.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.8	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-G5

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6
2.5°	186.7	186.7	186.7	180.6	180.6	178.6	176.6	176.6	172.6	170.6	166.6
5°	283.0	277.0	262.9	254.9	238.9	228.8	218.8	204.7	190.7	180.6	168.6
7.5°	640.3	654.3	608.2	521.9	433.6	395.4	331.2	267.0	220.8	190.7	170.6
10°	1631.8	1623.8	1467.3	1294.6	999.6	881.2	690.5	435.6	285.0	208.7	172.6
12.5°	2775.9	2767.9	2583.2	2348.4	1959.0	1712.1	1350.8	812.9	409.5	236.8	172.6
15°	3737.4	3705.3	3647.1	3414.2	2958.6	2751.9	2274.1	1437.1	662.4	285.0	176.6
17.5°	4373.7	4345.6	4291.4	4207.1	3918.0	3673.2	3289.8	2258.1	1071.8	369.3	184.7
20°	4957.8	4937.7	4893.5	4877.5	4690.8	4560.3	4243.2	3201.5	1670.0	501.8	196.7
22.5°	5760.6	5718.5	5736.5	5640.2	5457.5	5301.0	5106.3	4189.0	2400.6	722.6	218.8
25°	6744.1	6724.1	6673.9	6605.7	6352.7	6216.3	5917.2	5120.3	3217.5	1011.6	242.9
27.5°	7932.4	7910.3	7898.3	7741.7	7450.7	7302.1	6884.6	5999.5	4136.8	1417.1	275.0
30°	9301.3	9311.3	9233.1	9032.3	8693.1	8484.4	8054.8	6920.8	5078.2	1892.8	309.1
32.5°	10718.4	10698.3	10577.9	10341.0	10037.9	9843.2	9297.3	7930.4	6065.7	2521.0	349.3
35°	12245.8	12207.7	11890.6	11619.6	11360.7	11115.8	10618.0	9102.6	7053.3	3225.5	403.4
37.5°	13787.4	13608.7	12972.4	12629.2	12450.6	12249.9	11786.2	10353.1	8034.8	4012.4	469.7
40°	14951.5	14813.0	14058.3	13426.1	13283.6	13112.9	12767.7	11432.9	9078.5	4857.4	550.0
42.5°	15595.8	15519.6	14841.1	14216.9	13881.7	13731.2	13436.1	12376.3	10110.2	5790.7	666.4
45°	15870.8	15752.4	15298.8	15007.7	14473.8	14224.9	13873.7	13088.9	11188.1	6850.5	829.0
47.5°	15786.5	15718.3	15393.1	15499.5	15112.1	14724.7	14208.9	13634.8	12109.4	8066.9	1051.8
50°	15256.6	15198.4	15098.1	15674.1	15625.9	15168.3	14642.4	14066.4	12862.1	9321.4	1397.0
52.5°	14249.0	14224.9	14481.8	15537.6	15917.0	15559.7	15059.9	14447.7	13564.6	10632.1	1890.8
55°	12950.4	13048.7	13783.3	15324.9	16065.5	15848.7	15429.2	14805.0	14128.6	11804.3	2619.4
57.5°	12416.5	12442.5	13359.8	15174.3	16131.8	16103.7	15788.5	15146.2	14646.4	12741.6	3731.4
60°	13040.7	13000.5	13484.3	15288.7	16264.2	16332.5	16107.7	15463.4	15096.0	13546.5	5212.7
62.5°	14168.7	14146.6	14301.2	15776.5	16651.6	16790.1	16551.3	15692.2	15493.5	14076.4	6902.7
65°	15176.3	15130.2	15417.2	16641.6	17332.1	17430.4	17221.7	16083.6	15668.1	14461.8	8490.4
67.5°	15611.9	15601.9	16063.5	17464.5	18046.6	18153.0	17970.3	16623.5	15628.0	14584.2	9190.9
70°	15413.2	15375.0	16113.7	17813.8	18450.1	18570.5	18393.9	16824.2	15192.4	14196.8	8153.2
71°	15194.4	15092.0	15963.2	17789.7	18506.3	18608.6	18299.5	16641.6	14754.8	13646.9	7211.8
72.5°	14516.0	14534.0	15549.7	17538.8	18371.8	18341.7	17765.6	15987.2	14226.9	12398.4	5792.7
75°	12846.0	12952.4	14210.9	16485.0	17171.5	16788.1	15907.0	14736.8	13167.1	8889.8	4022.4
77.5°	10497.6	10656.2	12039.1	14457.8	14263.1	14224.9	14188.8	12984.5	11244.3	4775.1	2798.0
80°	5011.9	5355.2	7262.0	10321.0	11212.1	11643.7	11372.7	10463.5	8695.1	2274.1	1672.0
82.5°	327.2	323.2	457.6	867.1	3655.1	4724.9	7506.9	7478.8	6061.7	1108.0	682.4
85°	154.6	158.6	174.6	198.7	230.8	252.9	349.3	2047.3	2900.4	527.9	148.5
87.5°	90.3	92.3	108.4	138.5	180.6	200.7	238.9	307.1	377.4	291.0	32.1
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: GLAN-SA9A-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6	162.6
2.5°	164.6	162.6	156.6	150.5	144.5	140.5	138.5	140.5	140.5	142.5	142.5
5°	164.6	158.6	148.5	136.5	128.5	120.4	116.4	114.4	116.4	116.4	116.4
7.5°	162.6	152.5	138.5	124.4	114.4	104.4	100.4	98.4	98.4	100.4	100.4
10°	158.6	148.5	130.5	114.4	102.4	90.3	84.3	78.3	78.3	78.3	80.3
12.5°	156.6	142.5	120.4	104.4	88.3	74.3	62.2	56.2	58.2	58.2	58.2
15°	152.5	136.5	114.4	94.3	74.3	56.2	46.2	40.1	42.2	44.2	42.2
17.5°	152.5	134.5	106.4	82.3	58.2	42.2	34.1	30.1	30.1	32.1	32.1
20°	152.5	130.5	100.4	70.3	44.2	32.1	24.1	22.1	22.1	26.1	28.1
22.5°	156.6	130.5	92.3	58.2	36.1	24.1	18.1	16.1	18.1	22.1	24.1
25°	162.6	128.5	84.3	52.2	30.1	18.1	14.1	10.0	12.0	16.1	18.1
27.5°	168.6	126.5	76.3	46.2	24.1	14.1	10.0	8.0	6.0	8.0	8.0
30°	174.6	126.5	68.2	38.1	20.1	10.0	6.0	4.0	2.0	0.0	0.0
32.5°	178.6	122.4	62.2	30.1	16.1	8.0	4.0	2.0	0.0	0.0	0.0
35°	182.7	118.4	54.2	24.1	12.0	6.0	2.0	0.0	0.0	0.0	0.0
37.5°	186.7	112.4	46.2	20.1	10.0	4.0	0.0	0.0	0.0	0.0	0.0
40°	190.7	104.4	38.1	18.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	194.7	98.4	32.1	14.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	204.7	94.3	26.1	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	222.8	90.3	24.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	248.9	86.3	22.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	285.0	84.3	20.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	349.3	82.3	18.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	459.6	80.3	18.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	704.5	76.3	18.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1258.5	74.3	16.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2193.9	76.3	16.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3145.3	80.3	14.1	6.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2691.6	70.3	14.1	8.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0
71°	2193.9	62.2	14.1	8.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0
72.5°	1411.1	48.2	12.0	8.0	4.0	4.0	2.0	0.0	0.0	0.0	0.0
75°	596.1	40.1	12.0	8.0	6.0	4.0	4.0	2.0	0.0	0.0	0.0
77.5°	254.9	30.1	12.0	10.0	8.0	6.0	6.0	4.0	2.0	0.0	0.0
80°	96.3	24.1	14.1	12.0	10.0	10.0	8.0	4.0	2.0	0.0	0.0
82.5°	44.2	20.1	14.1	12.0	12.0	10.0	8.0	6.0	4.0	0.0	0.0
85°	28.1	18.1	14.1	12.0	12.0	10.0	10.0	6.0	4.0	0.0	0.0
87.5°	22.1	18.1	14.1	14.1	12.0	12.0	8.0	6.0	2.0	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

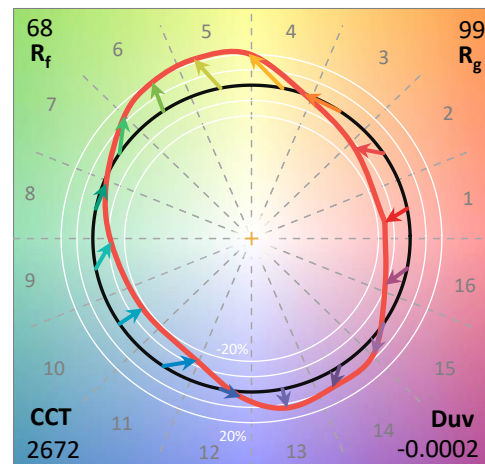
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

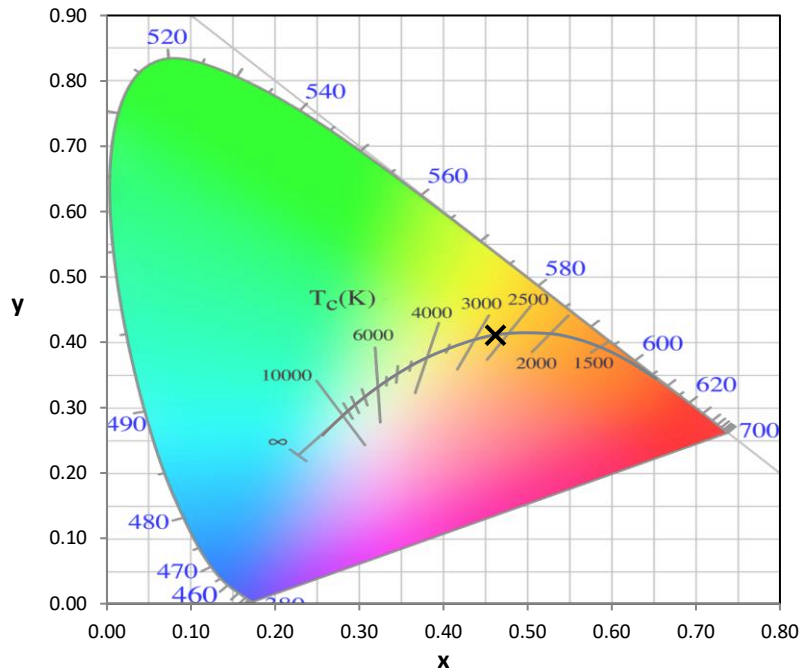
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

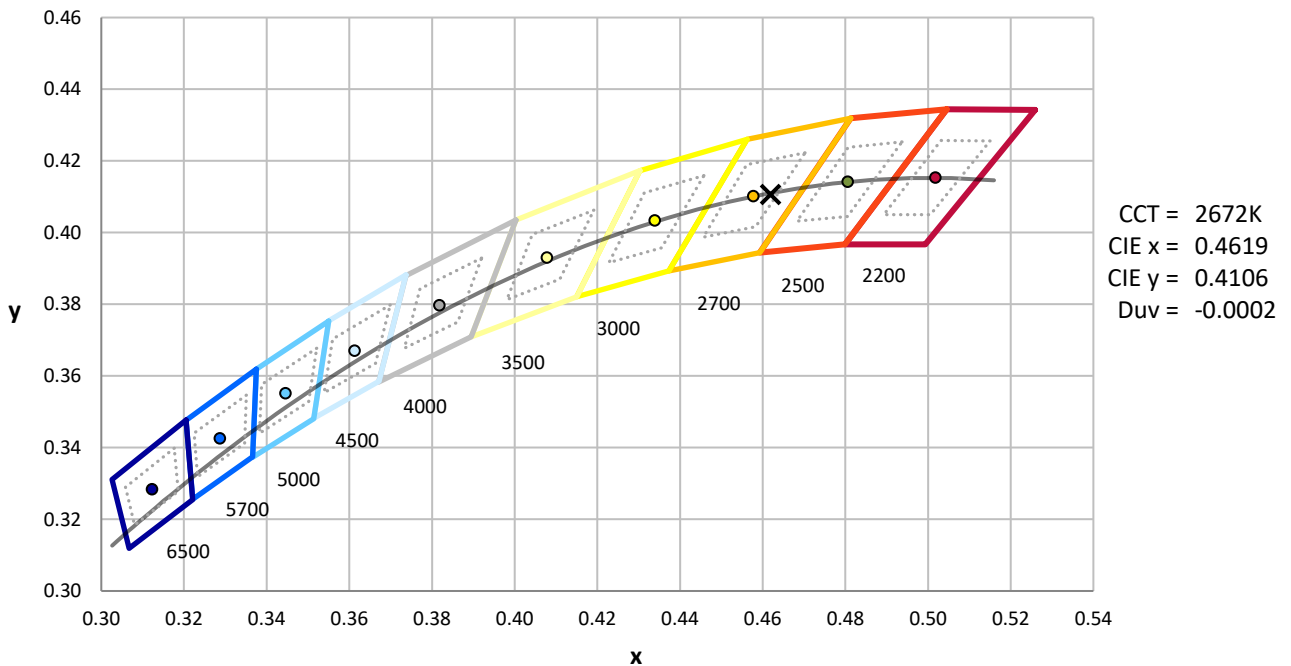
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



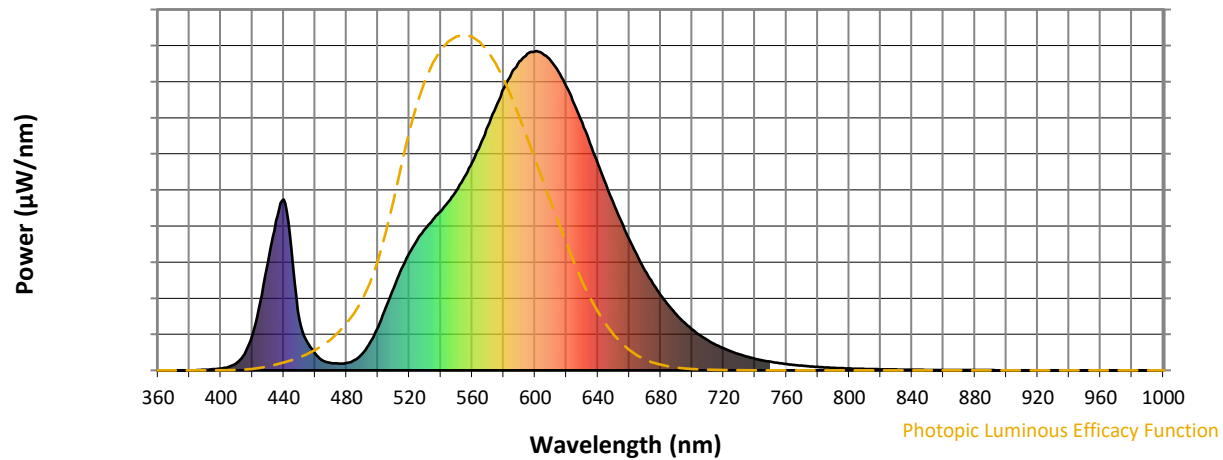
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

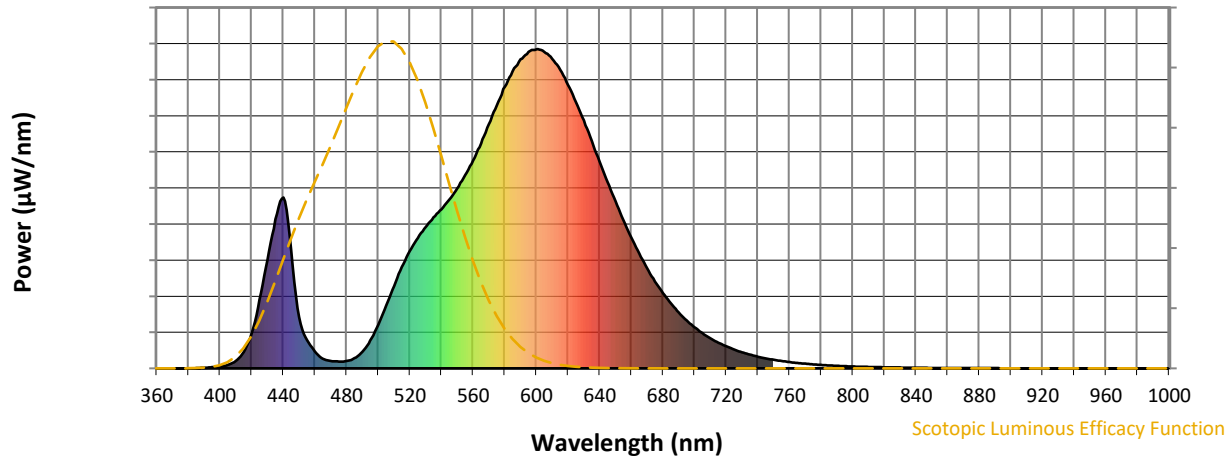


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



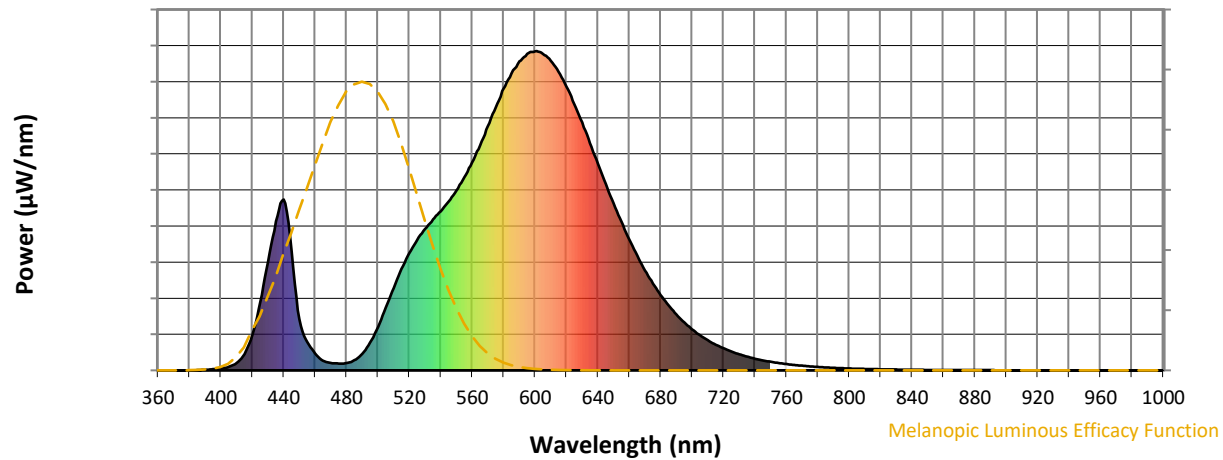
Scotopic Lumens: NR

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			

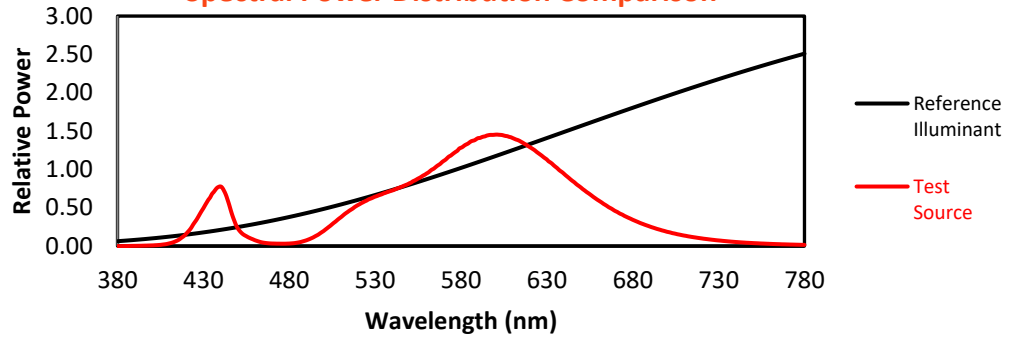
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TM-30-18

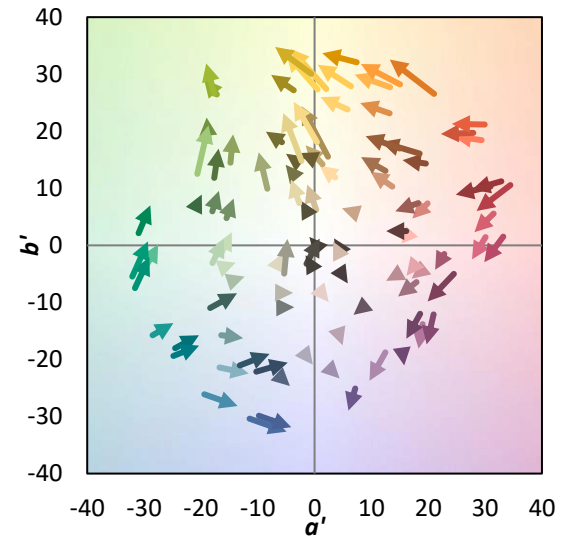
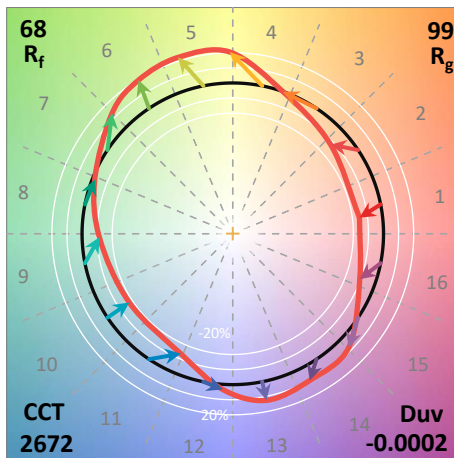
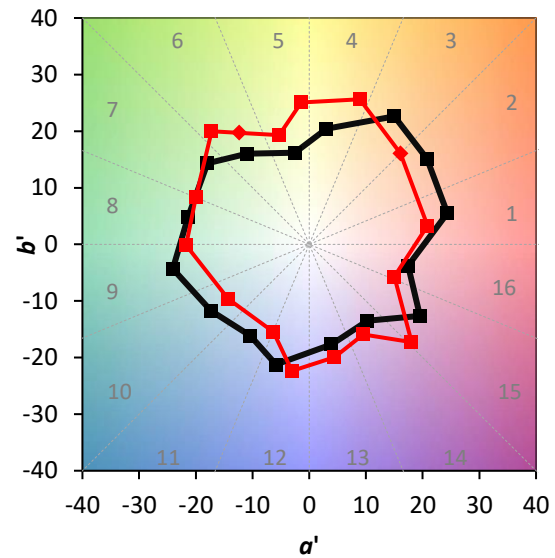
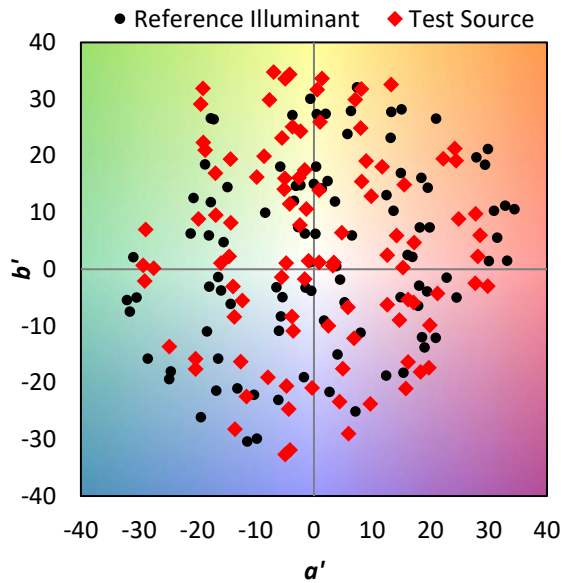
Summary

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

Spectral Power Distribution Comparison

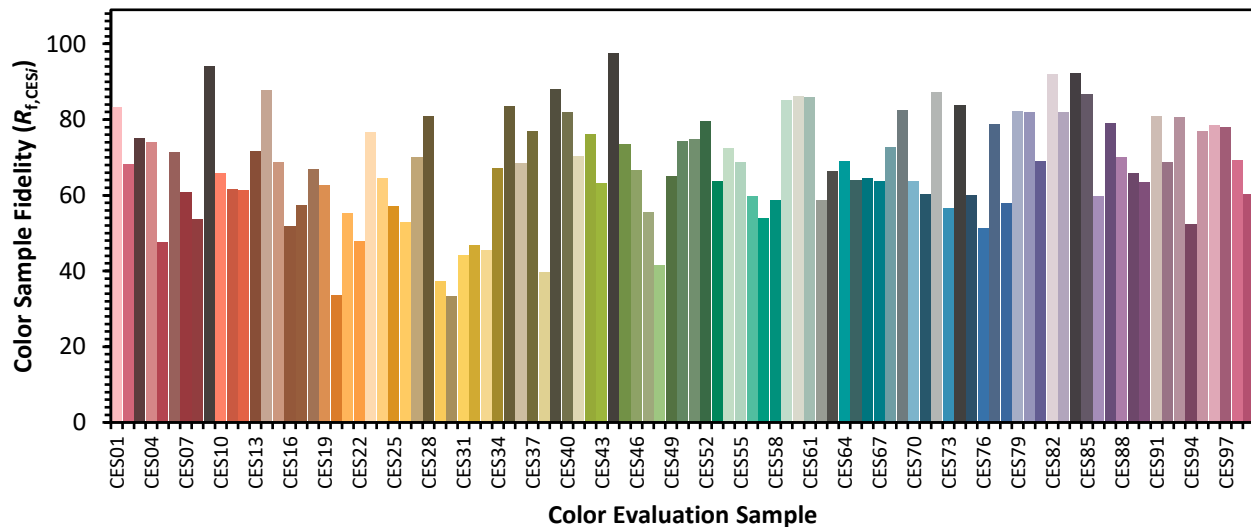


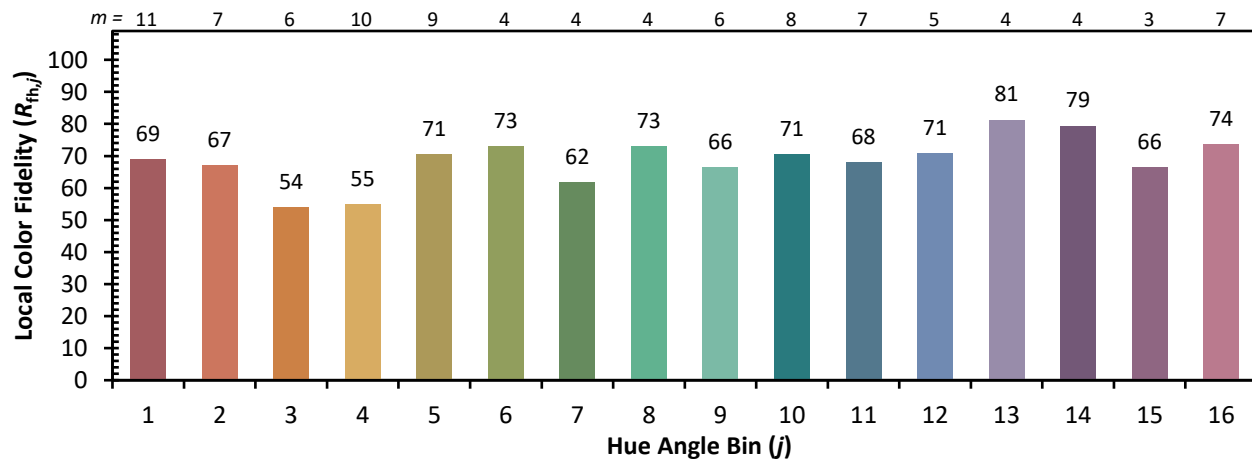
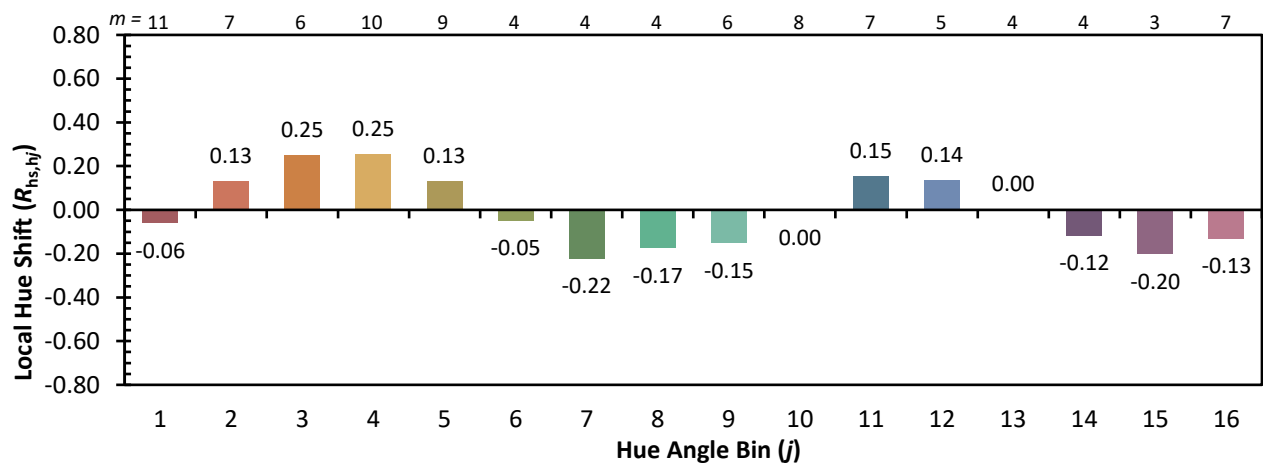
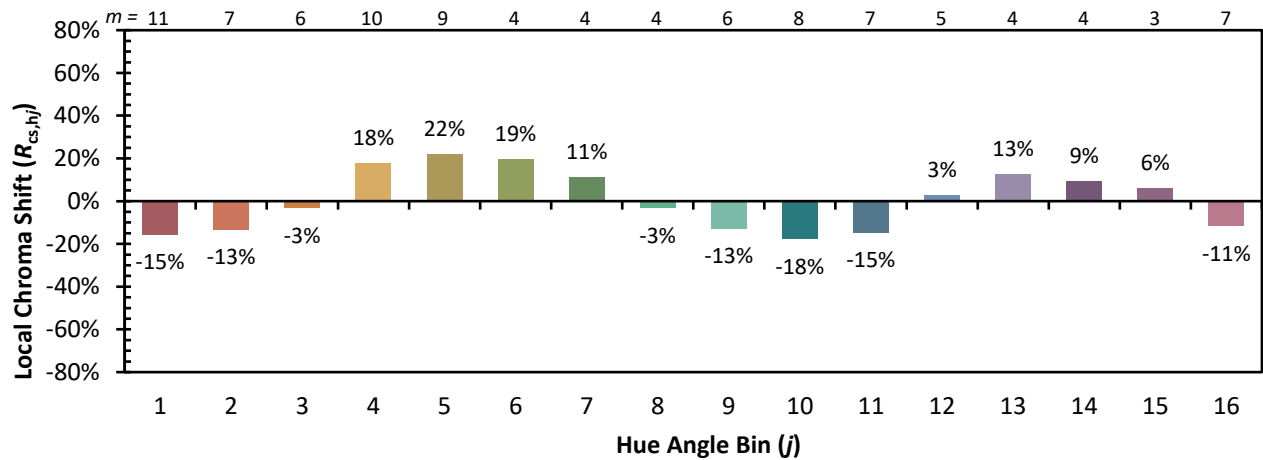
Color Vector Graphics



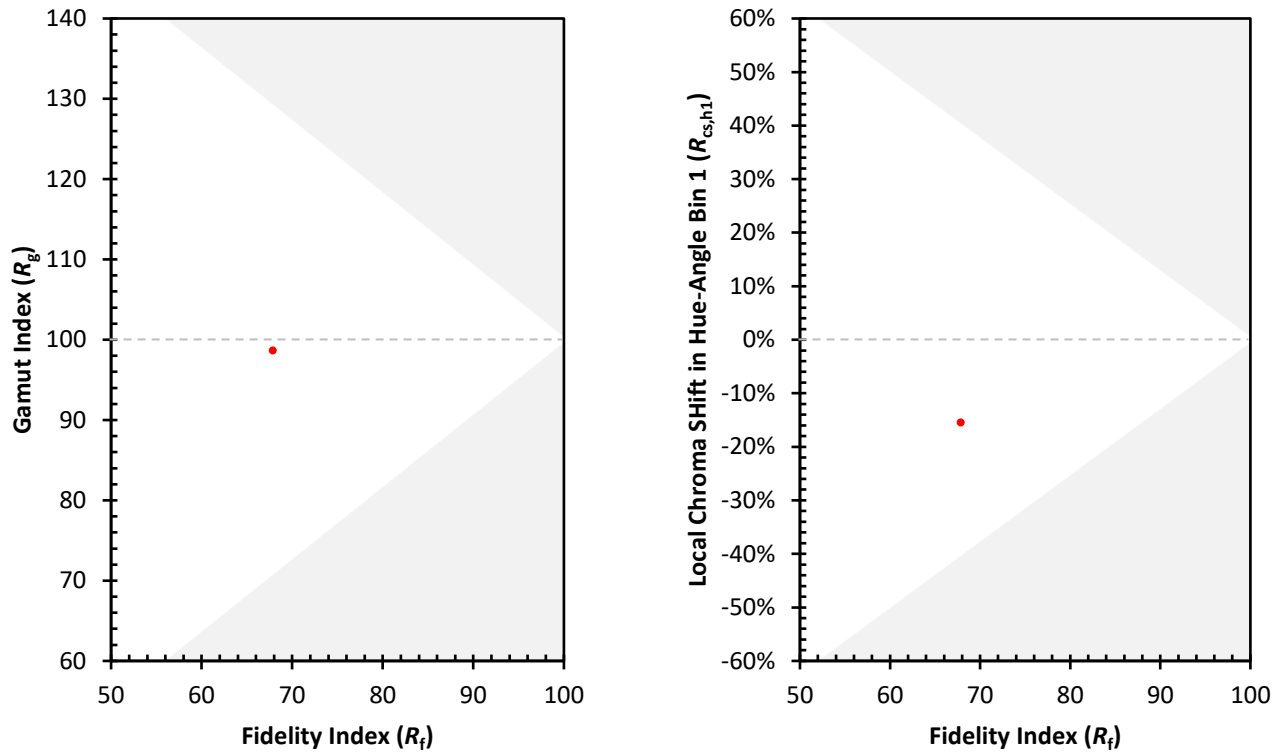
Individual Sample Fidelity Index ($R_{f,i}$)

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)