

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: P1063973

Luminaire Tested: **GLAN-SA8A-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063973
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8A-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26329.5 lumens
Efficiency: N/A
Efficacy: 121.0 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): 217.6
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

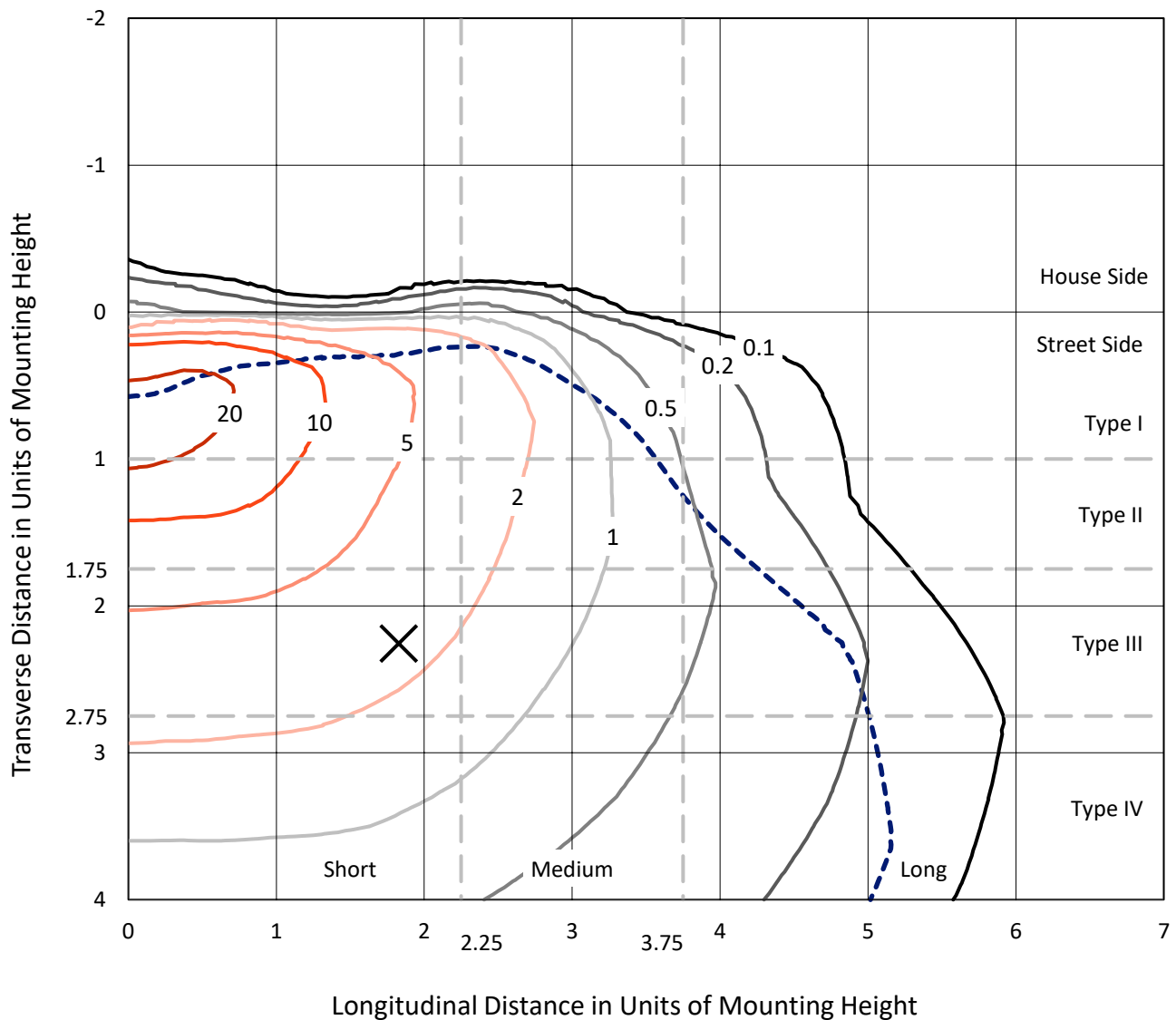


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

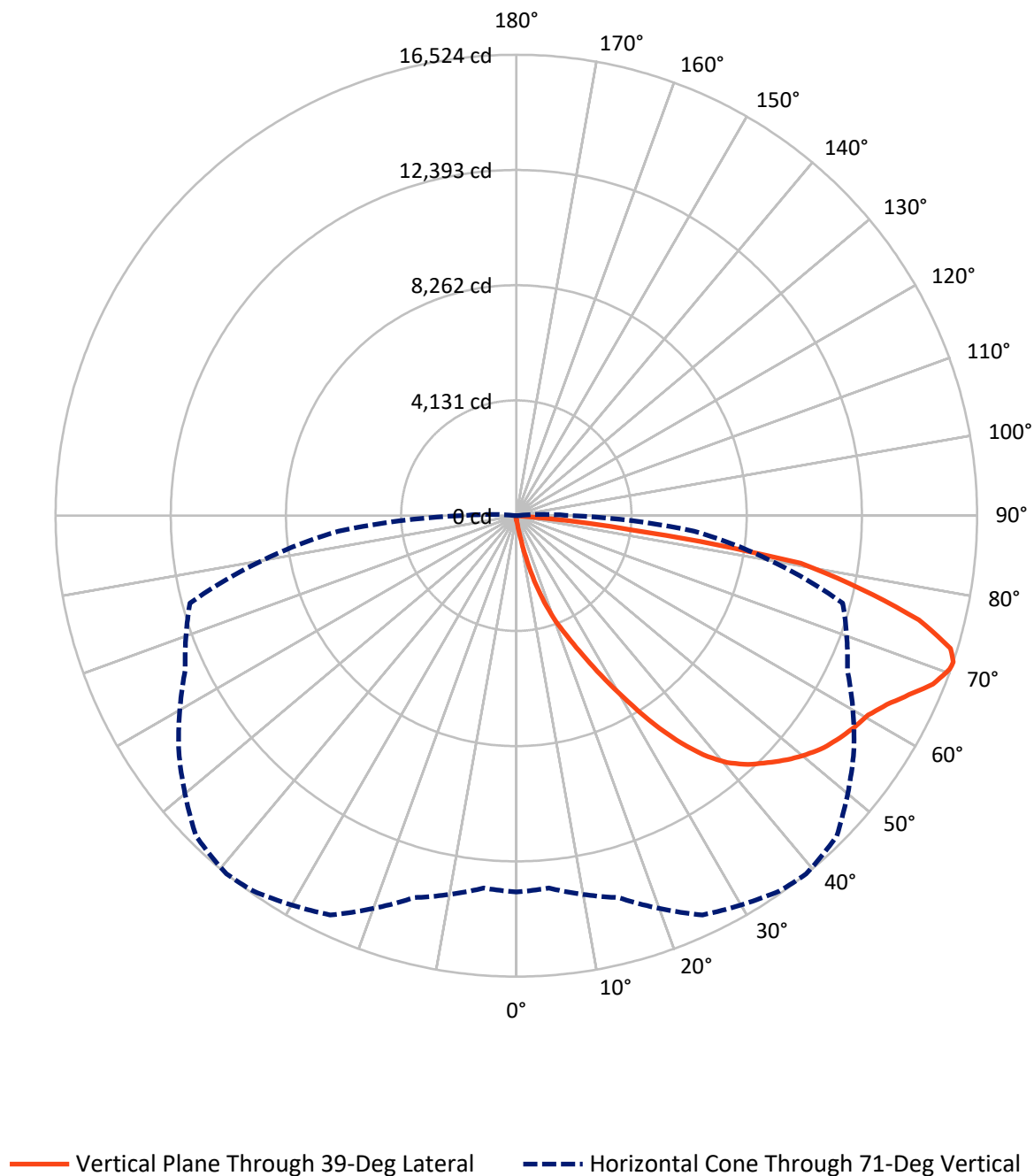


Based on 15 foot mounting height. Maximum calculated value = 27.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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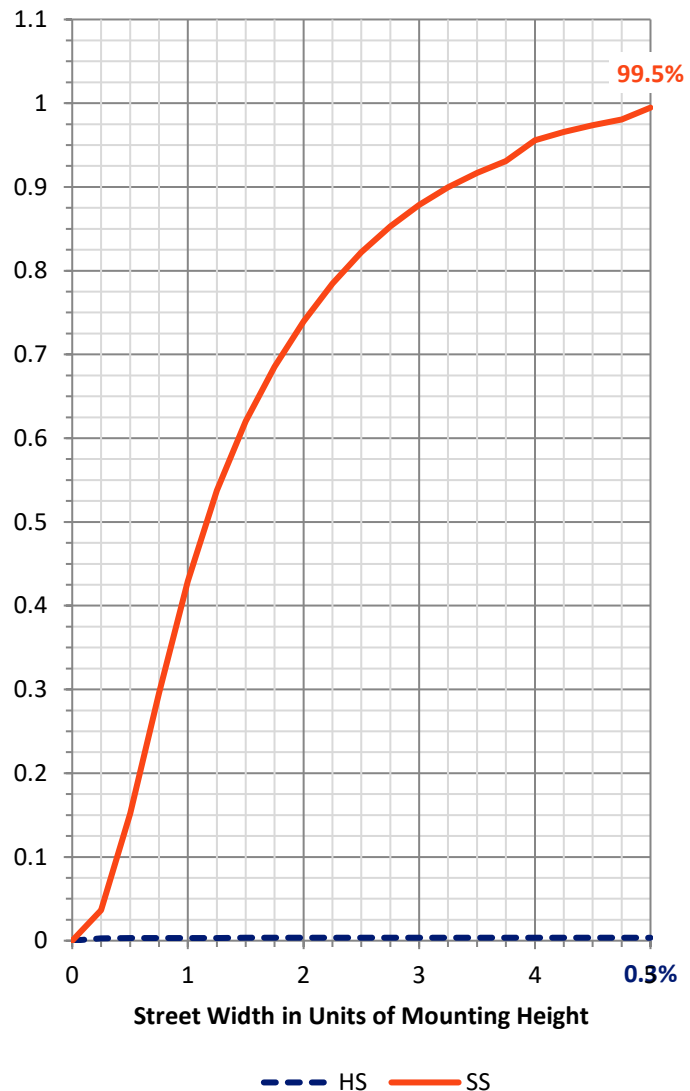
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	93.6	0.0	93.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	26236.0	0.0	26236.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	26329.5	0.0	26329.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	0.1
10°-20°	281.4	1.1
20°-30°	1002.2	3.8
30°-40°	2415.3	9.2
40°-50°	4042.2	15.4
50°-60°	5191.7	19.7
60°-70°	6570.2	25.0
70°-80°	5857.6	22.2
80°-90°	946.9	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°	26329.5	100.0
0°-180°	26329.5	100.0



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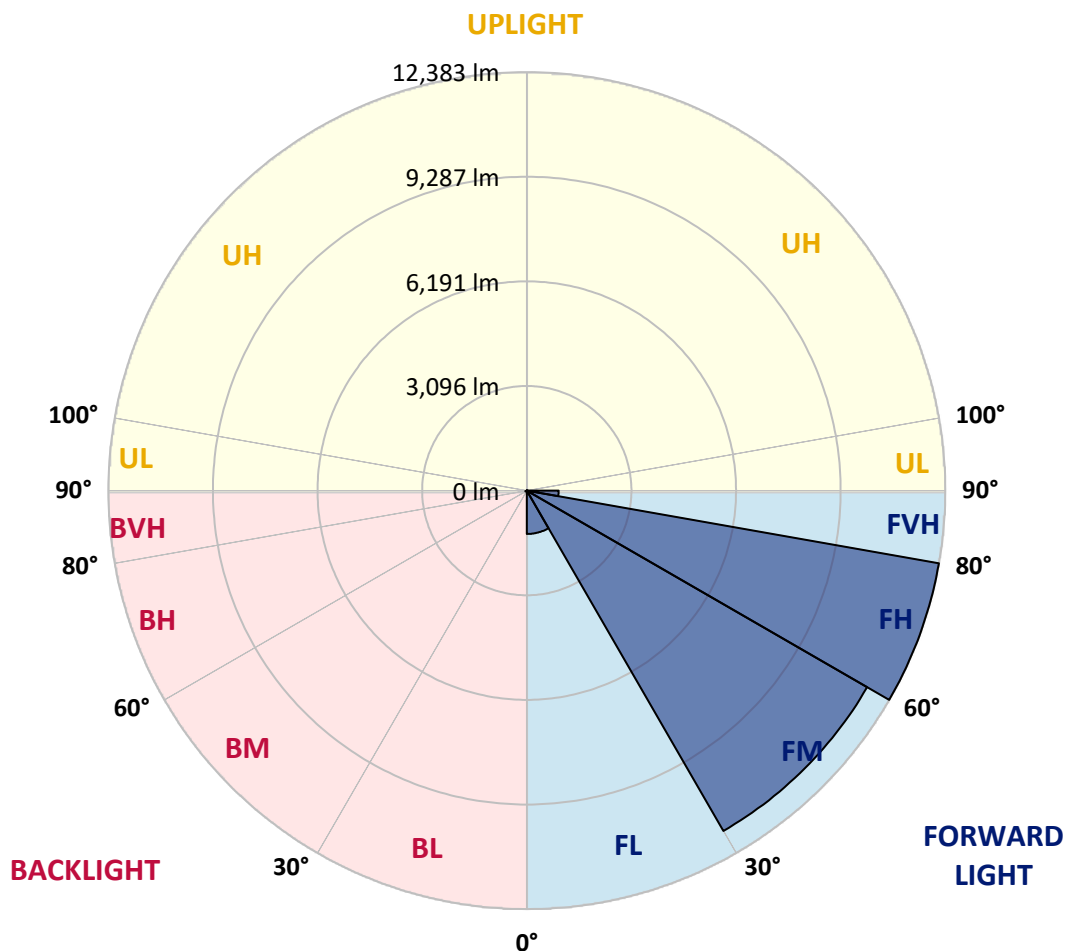
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1283.0	4.9			
FM	(30°-60°)	11627.6	44.2			
FH	(60°-80°)	12382.8	47.0			G5
FVH	(80°-90°)	942.6	3.6			G5
BL	(0°-30°)	22.6	0.1	B0/110		
BM	(30°-60°)	21.7	0.1	B0/220		
BH	(60°-80°)	45.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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°	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4
2.5°	165.8	165.8	165.8	160.4	160.4	158.6	156.8	156.8	153.3	151.5	147.9
5°	251.3	246.0	233.5	226.4	212.1	203.2	194.3	181.8	169.3	160.4	149.7
7.5°	568.6	581.1	540.1	463.4	385.0	351.1	294.1	237.1	196.1	169.3	151.5
10°	1449.1	1441.9	1302.9	1149.6	887.6	782.5	613.1	386.8	253.1	185.4	153.3
12.5°	2465.0	2457.9	2293.9	2085.4	1739.6	1520.4	1199.5	721.9	363.6	210.3	153.3
15°	3318.8	3290.3	3238.6	3031.8	2627.2	2443.6	2019.4	1276.2	588.2	253.1	156.8
17.5°	3883.8	3858.8	3810.7	3735.8	3479.2	3261.7	2921.3	2005.2	951.8	328.0	164.0
20°	4402.4	4384.6	4345.4	4331.2	4165.4	4049.5	3767.9	2842.9	1482.9	445.6	174.7
22.5°	5115.4	5078.0	5094.0	5008.5	4846.3	4707.2	4534.3	3719.8	2131.7	641.7	194.3
25°	5988.8	5970.9	5926.4	5865.8	5641.2	5520.0	5254.4	4546.8	2857.1	898.3	215.7
27.5°	7043.9	7024.3	7013.6	6874.6	6616.1	6484.3	6113.5	5327.5	3673.5	1258.4	244.2
30°	8259.5	8268.4	8198.9	8020.7	7719.4	7534.1	7152.6	6145.6	4509.4	1680.8	274.5
32.5°	9517.8	9500.0	9393.1	9182.8	8913.6	8740.7	8255.9	7042.1	5386.3	2238.7	310.1
35°	10874.2	10840.4	10558.7	10318.1	10088.2	9870.8	9428.7	8083.0	6263.2	2864.3	358.3
37.5°	12243.1	12084.5	11519.4	11214.7	11056.0	10877.8	10466.1	9193.5	7134.8	3563.0	417.1
40°	13276.9	13153.9	12483.7	11922.3	11795.7	11644.2	11337.6	10152.4	8061.6	4313.3	488.4
42.5°	13849.0	13781.3	13178.8	12624.5	12326.9	12193.2	11931.2	10990.1	8977.8	5142.1	591.7
45°	14093.2	13988.0	13585.2	13326.8	12852.7	12631.6	12319.7	11622.8	9934.9	6083.2	736.1
47.5°	14018.3	13957.7	13669.0	13763.4	13419.4	13075.4	12617.4	12107.6	10753.0	7163.3	934.0
50°	13547.8	13496.1	13407.0	13918.5	13875.7	13469.4	13002.4	12490.8	11421.4	8277.3	1240.5
52.5°	12653.0	12631.6	12859.8	13797.3	14134.2	13816.9	13373.1	12829.5	12045.2	9441.2	1679.0
55°	11499.8	11587.2	12239.5	13608.4	14266.1	14073.6	13701.1	13146.7	12546.1	10482.1	2326.0
57.5°	11025.7	11048.9	11863.4	13474.7	14324.9	14299.9	14020.1	13449.7	13005.9	11314.5	3313.4
60°	11580.0	11544.4	11973.9	13576.3	14442.5	14503.1	14303.5	13731.4	13405.2	12029.2	4628.8
62.5°	12581.7	12562.1	12699.4	14009.4	14786.5	14909.5	14697.4	13934.6	13758.1	12499.7	6129.6
65°	13476.5	13435.5	13690.4	14777.6	15390.7	15478.1	15292.7	14282.1	13913.2	12842.0	7539.4
67.5°	13863.3	13854.3	14264.3	15508.4	16025.3	16119.7	15957.5	14761.6	13877.5	12950.7	8161.5
70°	13686.8	13652.9	14308.8	15818.5	16383.5	16490.5	16333.6	14939.8	13490.7	12606.7	7240.0
71°	13492.5	13401.6	14175.2	15797.1	16433.4	16524.3	16249.8	14777.6	13102.2	12118.3	6404.0
72.5°	12890.1	12906.1	13808.0	15574.3	16314.0	16287.3	15775.7	14196.6	12633.4	11009.7	5143.9
75°	11407.2	11501.6	12619.2	14638.6	15248.2	14907.7	14125.3	13086.1	11692.3	7894.1	3571.9
77.5°	9321.8	9462.6	10690.6	12838.4	12665.5	12631.6	12599.6	11530.1	9984.8	4240.3	2484.6
80°	4450.6	4755.4	6448.6	9164.9	9956.3	10339.5	10098.9	9291.5	7721.2	2019.4	1484.7
82.5°	290.5	287.0	406.4	770.0	3245.7	4195.7	6666.1	6641.1	5382.8	983.9	606.0
85°	137.2	140.8	155.1	176.5	205.0	224.6	310.1	1818.0	2575.5	468.8	131.9
87.5°	80.2	82.0	96.2	123.0	160.4	178.2	212.1	272.7	335.1	258.4	28.5
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°	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4	144.4
2.5°	146.2	144.4	139.0	133.7	128.3	124.8	123.0	124.8	124.8	126.5	126.5
5°	146.2	140.8	131.9	121.2	114.1	106.9	103.4	101.6	103.4	103.4	103.4
7.5°	144.4	135.5	123.0	110.5	101.6	92.7	89.1	87.3	87.3	89.1	89.1
10°	140.8	131.9	115.9	101.6	90.9	80.2	74.9	69.5	69.5	69.5	71.3
12.5°	139.0	126.5	106.9	92.7	78.4	65.9	55.3	49.9	51.7	51.7	51.7
15°	135.5	121.2	101.6	83.8	65.9	49.9	41.0	35.6	37.4	39.2	37.4
17.5°	135.5	119.4	94.5	73.1	51.7	37.4	30.3	26.7	26.7	28.5	28.5
20°	135.5	115.9	89.1	62.4	39.2	28.5	21.4	19.6	19.6	23.2	25.0
22.5°	139.0	115.9	82.0	51.7	32.1	21.4	16.0	14.3	16.0	19.6	21.4
25°	144.4	114.1	74.9	46.3	26.7	16.0	12.5	8.9	10.7	14.3	16.0
27.5°	149.7	112.3	67.7	41.0	21.4	12.5	8.9	7.1	5.3	7.1	7.1
30°	155.1	112.3	60.6	33.9	17.8	8.9	5.3	3.6	1.8	0.0	0.0
32.5°	158.6	108.7	55.3	26.7	14.3	7.1	3.6	1.8	0.0	0.0	0.0
35°	162.2	105.2	48.1	21.4	10.7	5.3	1.8	0.0	0.0	0.0	0.0
37.5°	165.8	99.8	41.0	17.8	8.9	3.6	0.0	0.0	0.0	0.0	0.0
40°	169.3	92.7	33.9	16.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	172.9	87.3	28.5	12.5	3.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	181.8	83.8	23.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	197.8	80.2	21.4	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	221.0	76.6	19.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	253.1	74.9	17.8	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	310.1	73.1	16.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	408.2	71.3	16.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	625.6	67.7	16.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1117.5	65.9	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1948.1	67.7	14.3	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2793.0	71.3	12.5	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	2390.2	62.4	12.5	7.1	3.6	1.8	0.0	0.0	0.0	0.0	0.0
71°	1948.1	55.3	12.5	7.1	3.6	1.8	1.8	0.0	0.0	0.0	0.0
72.5°	1253.0	42.8	10.7	7.1	3.6	3.6	1.8	0.0	0.0	0.0	0.0
75°	529.4	35.6	10.7	7.1	5.3	3.6	3.6	1.8	0.0	0.0	0.0
77.5°	226.4	26.7	10.7	8.9	7.1	5.3	5.3	3.6	1.8	0.0	0.0
80°	85.6	21.4	12.5	10.7	8.9	8.9	7.1	3.6	1.8	0.0	0.0
82.5°	39.2	17.8	12.5	10.7	10.7	8.9	7.1	5.3	3.6	0.0	0.0
85°	25.0	16.0	12.5	10.7	10.7	8.9	8.9	5.3	3.6	0.0	0.0
87.5°	19.6	16.0	12.5	12.5	10.7	10.7	7.1	5.3	1.8	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

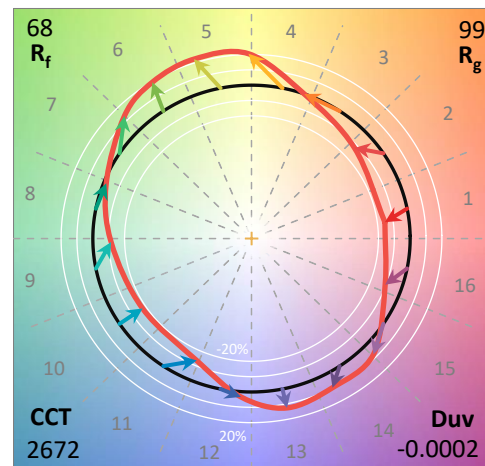
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

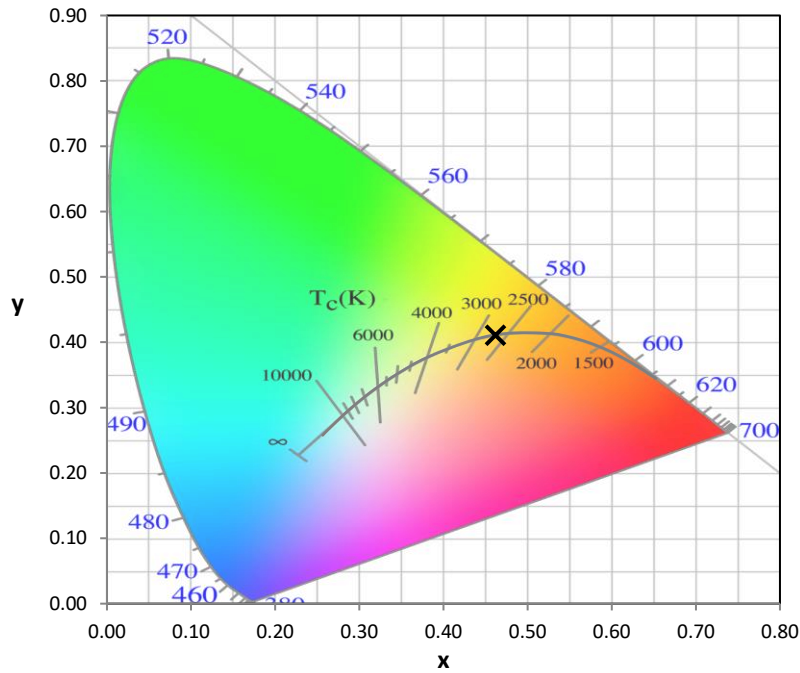
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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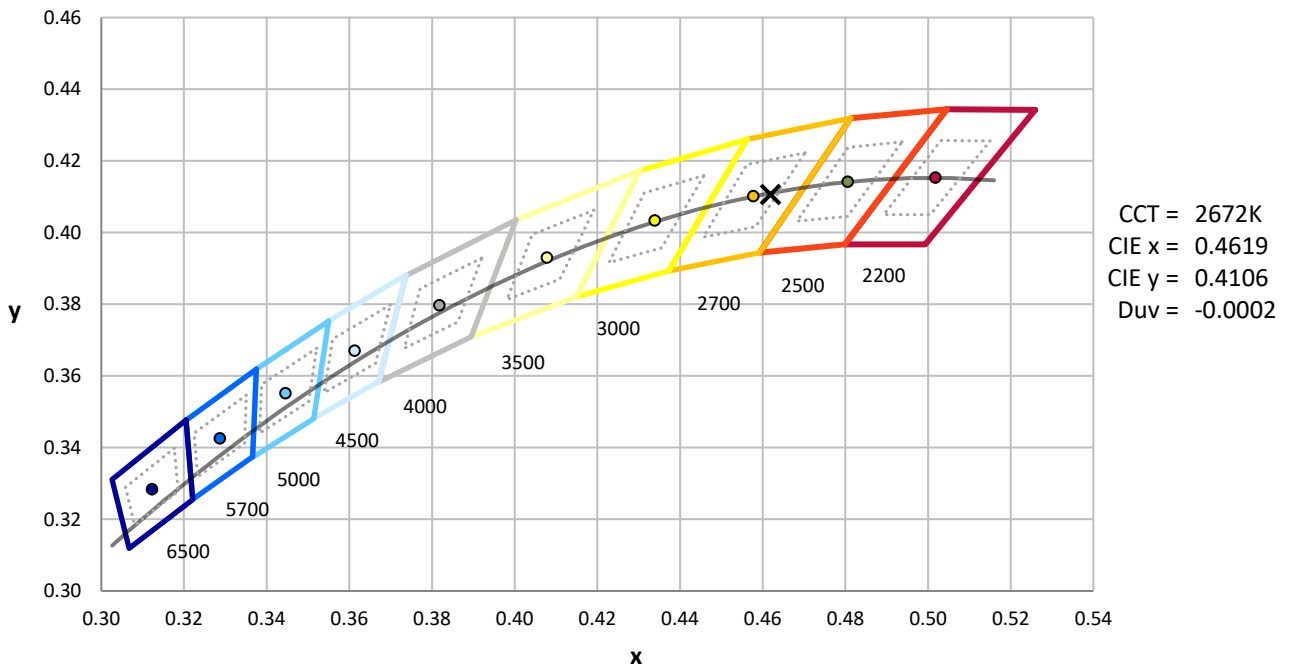
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

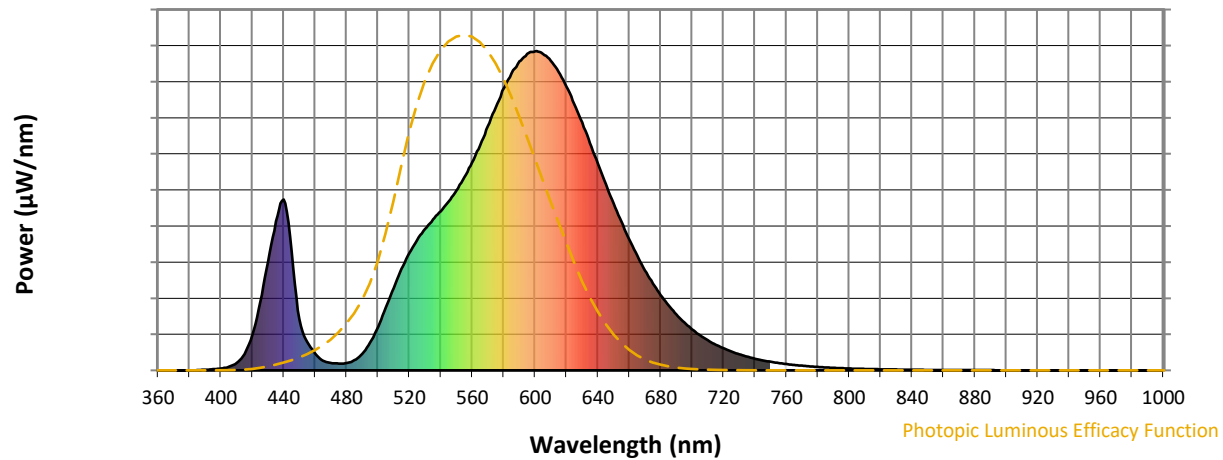


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

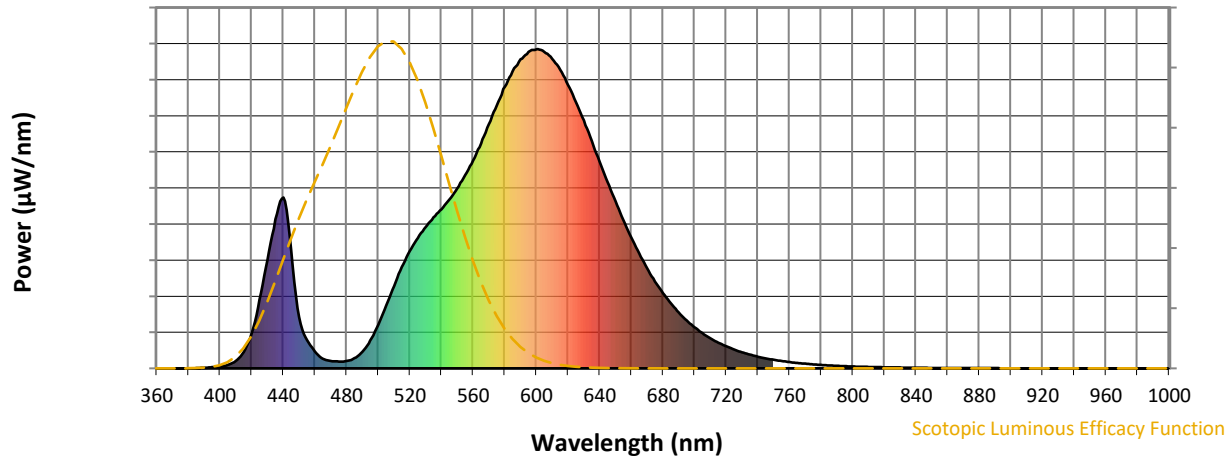


Photopic Lumens: NR

λ (nm)	Power W/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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Scotopic Flux vs. Wavelength



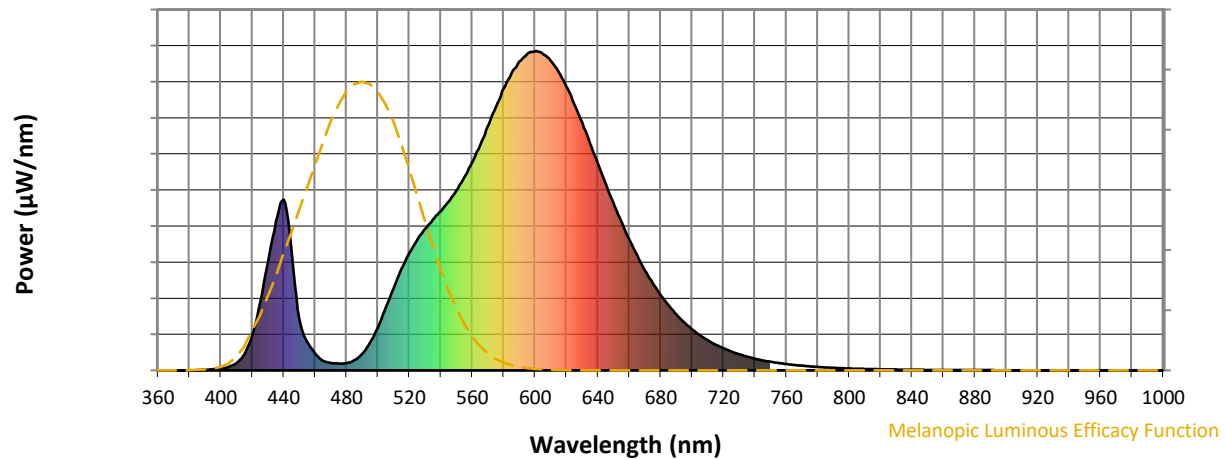
Scotopic Lumens: NR

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			

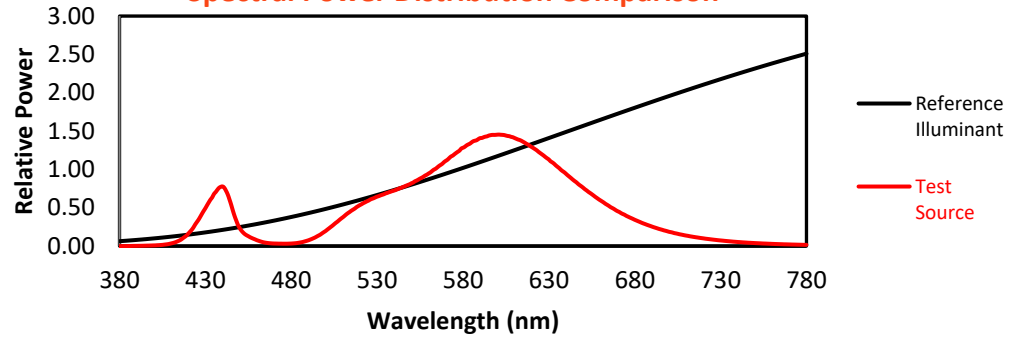
REPORT NUMBER: SP1-2407-184-3

TM-30-18

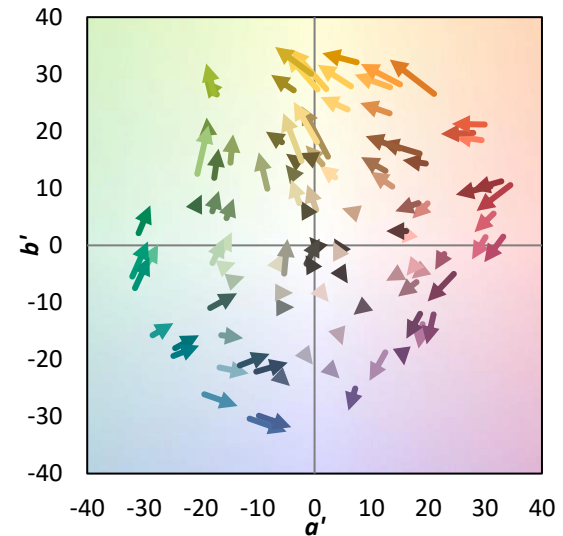
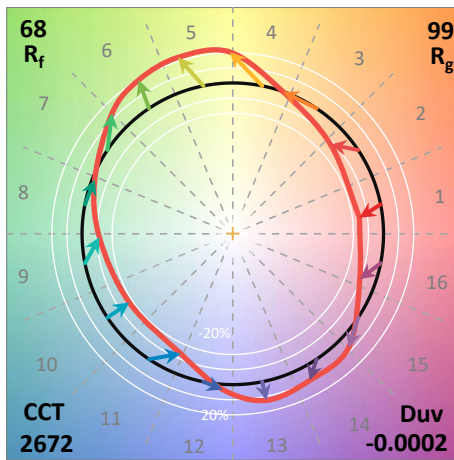
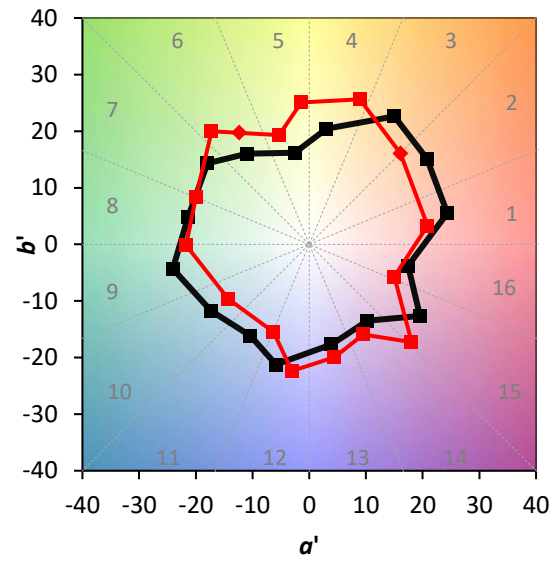
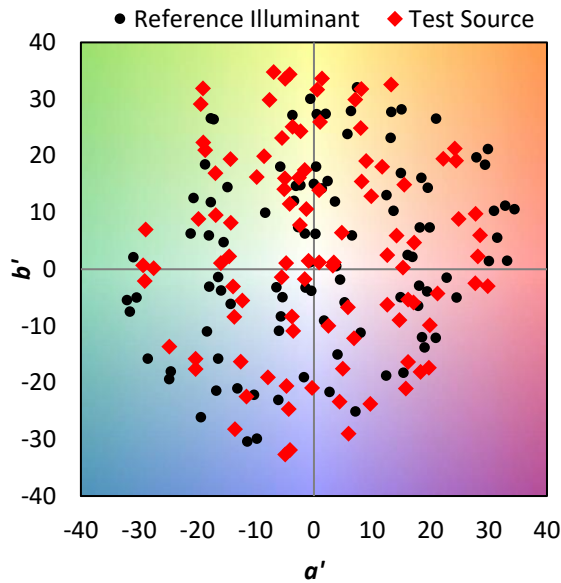
Summary

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

Spectral Power Distribution Comparison

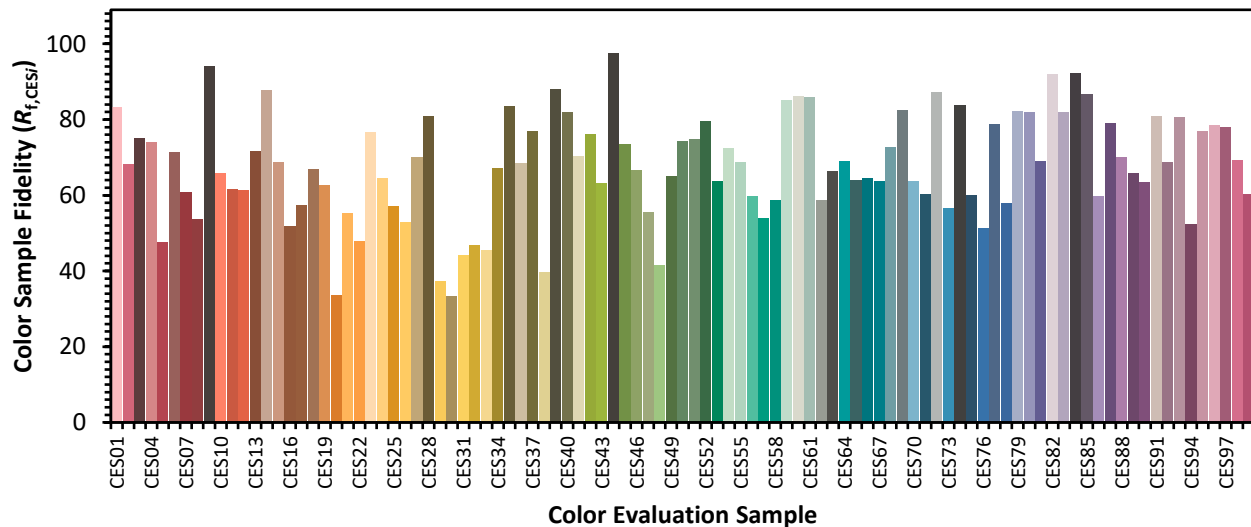


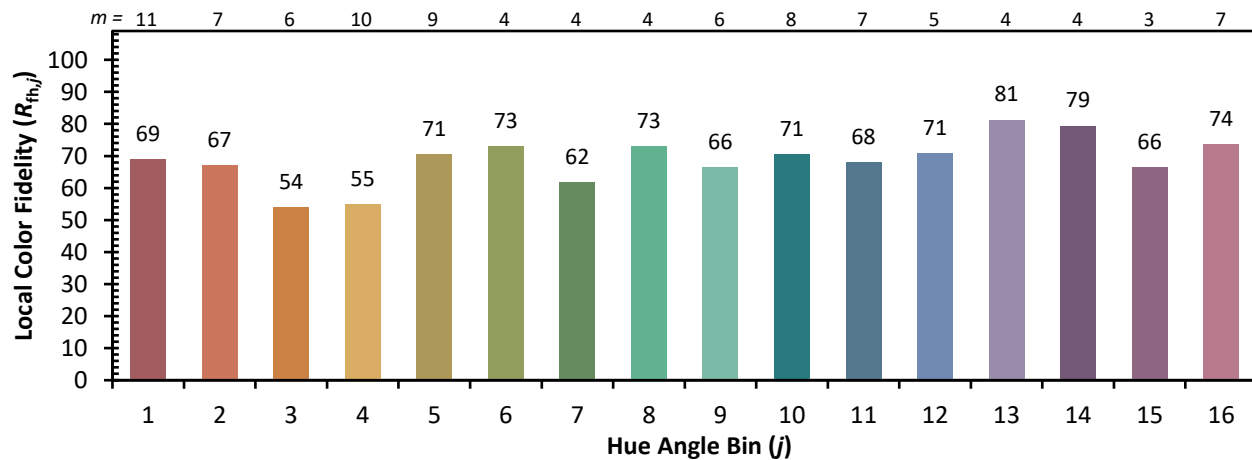
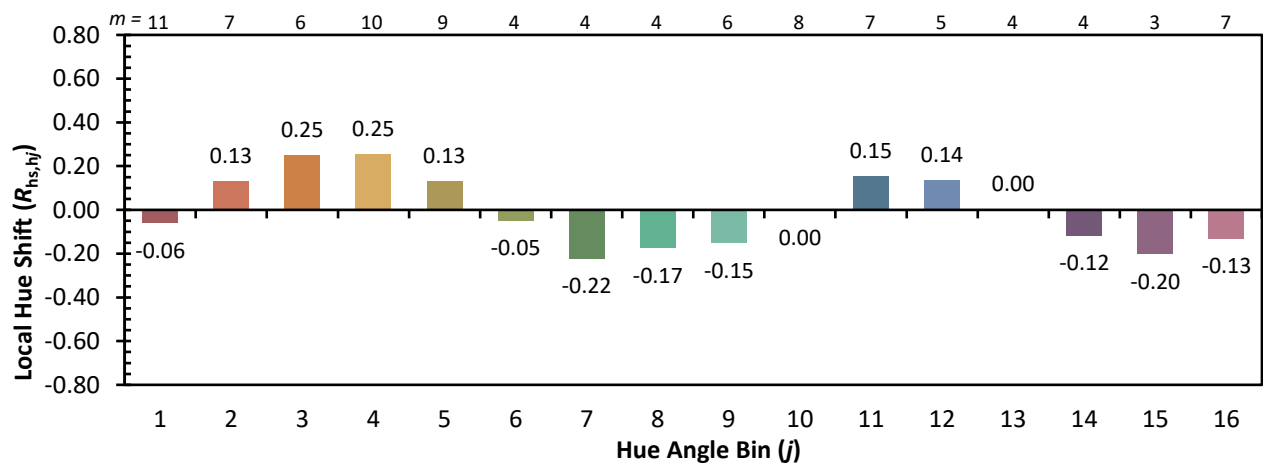
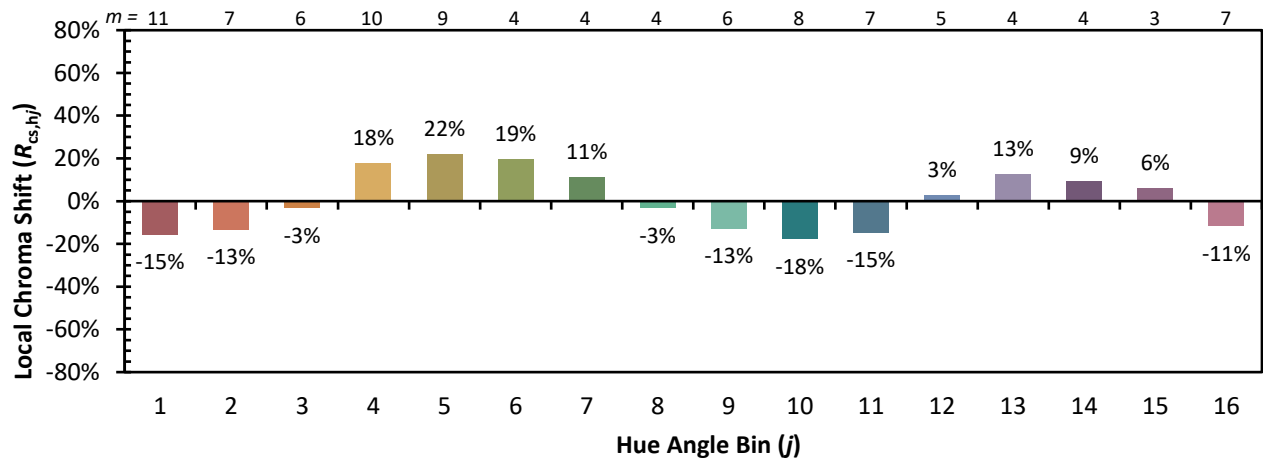
Color Vector Graphics



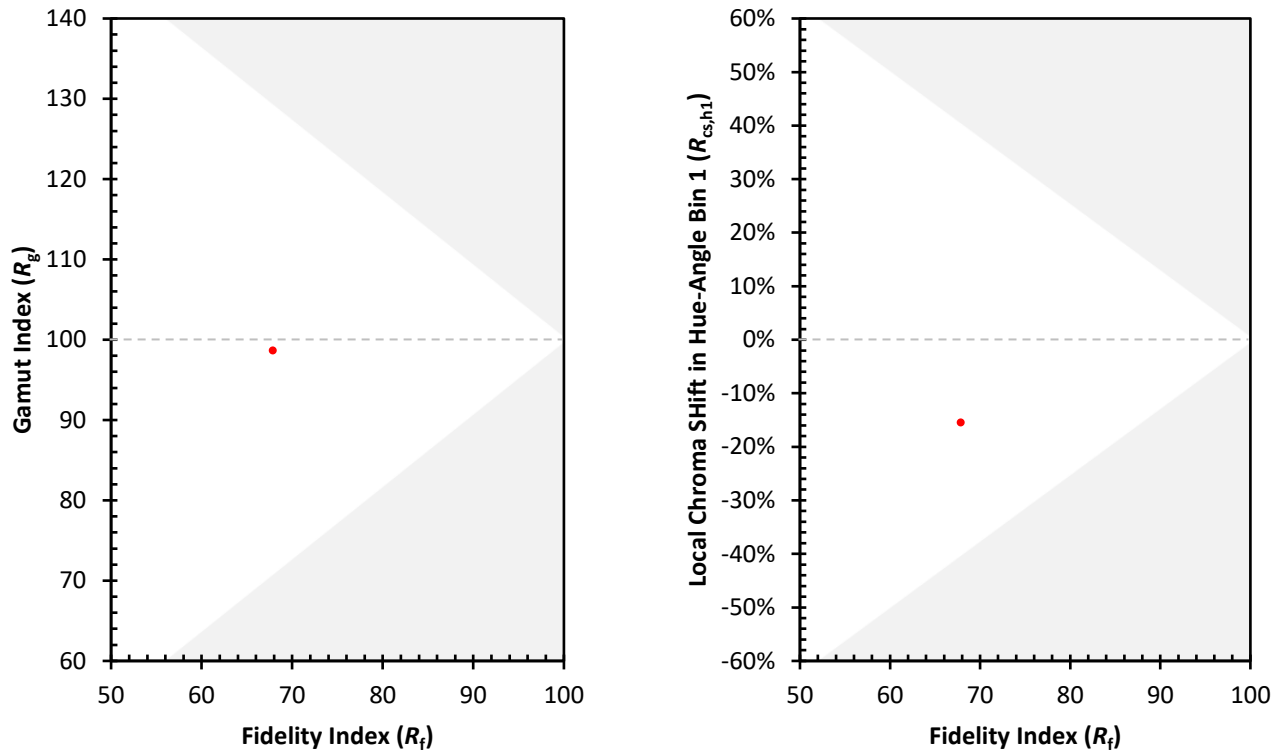
Individual Sample Fidelity Index ($R_{f,i}$)

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)