

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: McGRAW-EDISON

Report Number: P1048338

Luminaire Tested: **GALN-SA8B-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048338
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 32920.7 lumens
Efficiency: N/A
Efficacy: 116.4 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): 282.8
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

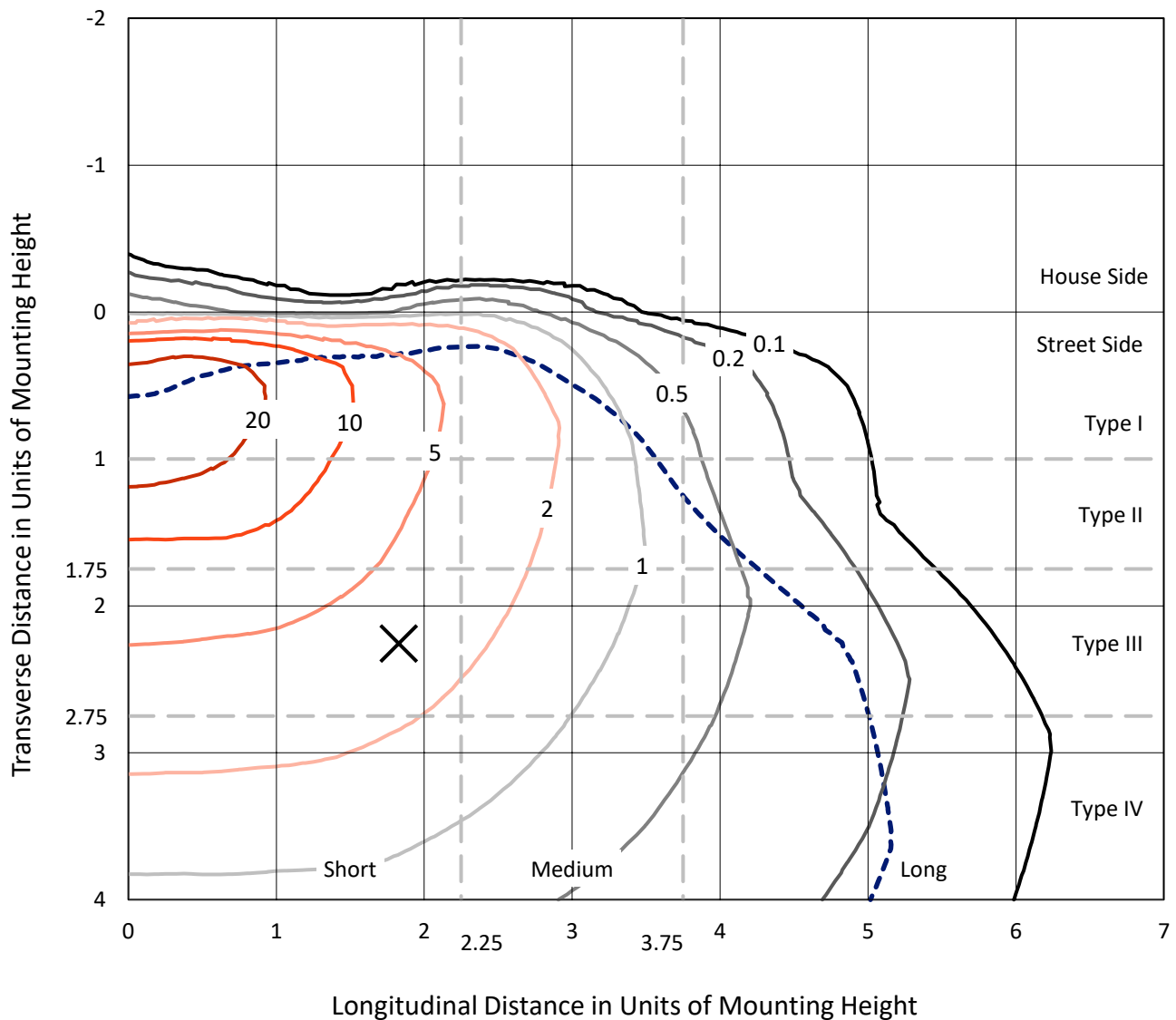


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

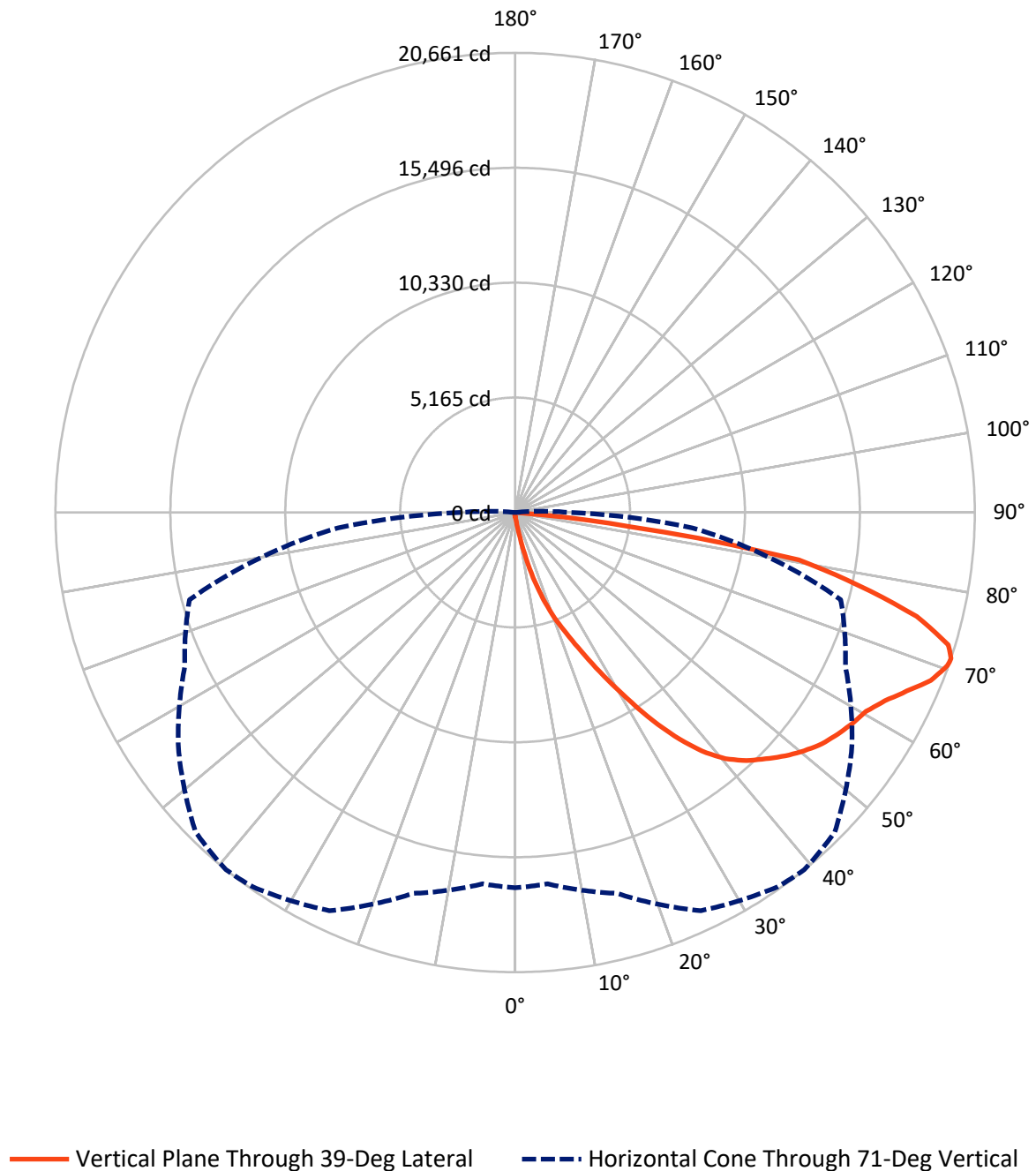


Based on 15 foot mounting height. Maximum calculated value = 33.9 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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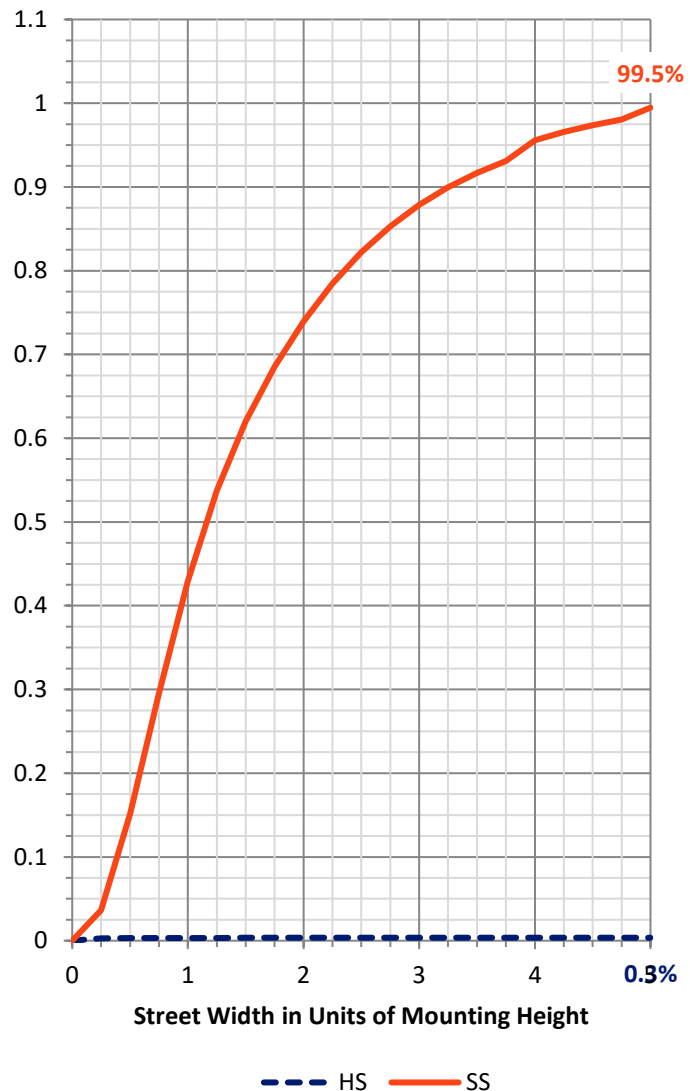
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	117.0	0.0	117.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32803.7	0.0	32803.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	32920.7	0.0	32920.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	0.1
10°-20°	351.9	1.1
20°-30°	1253.0	3.8
30°-40°	3020.0	9.2
40°-50°	5054.1	15.4
50°-60°	6491.4	19.7
60°-70°	8214.9	25.0
70°-80°	7324.0	22.2
80°-90°	1183.9	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°	32920.7	100.0
0°-180°	32920.7	100.0



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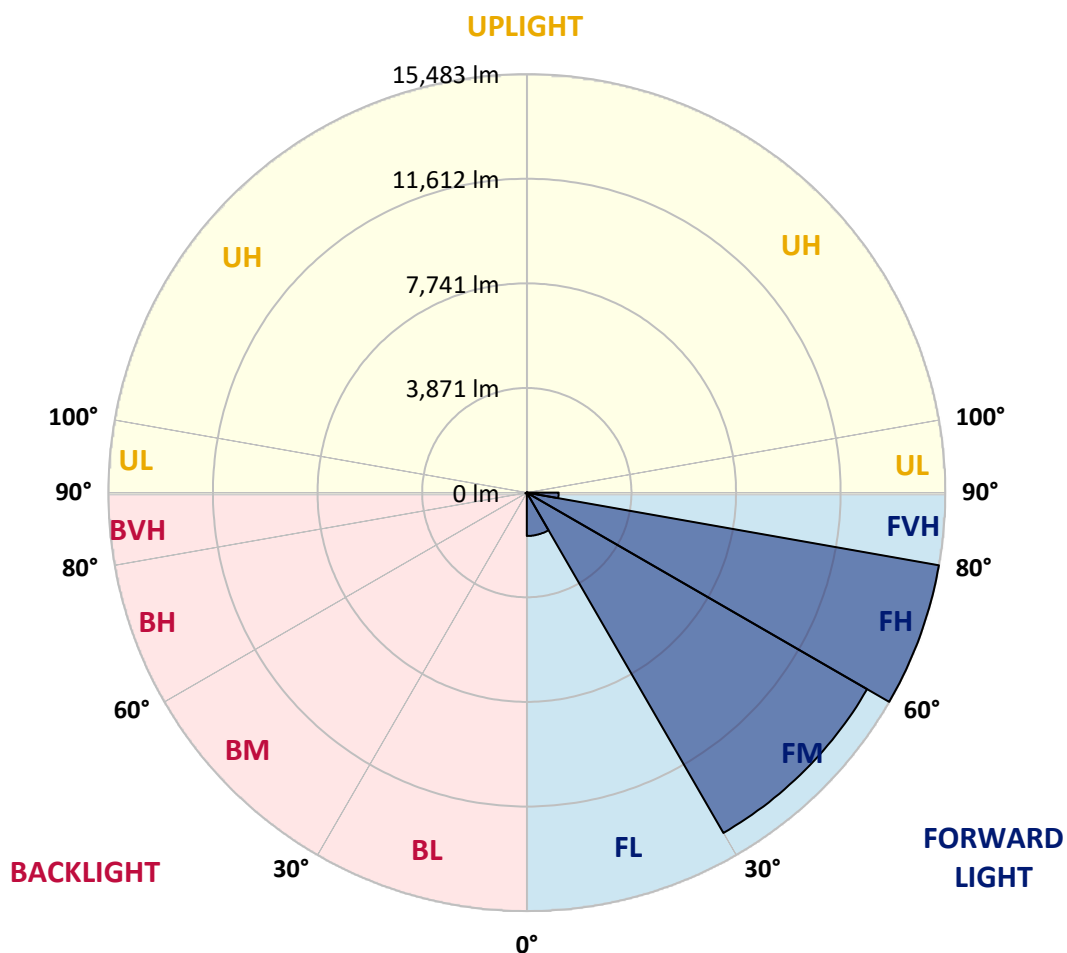
CATALOG NUMBER: GALN-SA8B-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1604.1	4.9			
FM	(30°-60°)	14538.4	44.2			
FH	(60°-80°)	15482.6	47.0			G5
FVH	(80°-90°)	1178.5	3.6			G5
BL	(0°-30°)	28.3	0.1	B0/110		
BM	(30°-60°)	27.1	0.1	B0/220		
BH	(60°-80°)	56.3	0.2	B0/110		G0/110
BVH	(80°-90°)	5.4	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°	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5
2.5°	207.3	207.3	207.3	200.6	200.6	198.3	196.1	196.1	191.7	189.4	185.0
5°	314.2	307.5	291.9	283.0	265.2	254.1	242.9	227.3	211.7	200.6	187.2
7.5°	710.9	726.5	675.3	579.4	481.4	439.0	367.7	296.4	245.1	211.7	189.4
10°	1811.8	1802.9	1629.1	1437.4	1109.8	978.3	766.6	483.6	316.5	231.8	191.7
12.5°	3082.1	3073.2	2868.1	2607.4	2175.1	1901.0	1499.8	902.6	454.6	263.0	191.7
15°	4149.6	4113.9	4049.3	3790.8	3284.9	3055.3	2525.0	1595.6	735.4	316.5	196.1
17.5°	4856.0	4824.8	4764.6	4671.1	4350.1	4078.3	3652.6	2507.1	1190.0	410.1	205.0
20°	5504.5	5482.2	5433.2	5415.4	5208.1	5063.3	4711.2	3554.5	1854.2	557.1	218.4
22.5°	6396.0	6349.2	6369.2	6262.2	6059.4	5885.6	5669.4	4651.0	2665.4	802.3	242.9
25°	7487.9	7465.7	7409.9	7334.2	7053.4	6901.8	6569.8	5685.0	3572.4	1123.2	269.7
27.5°	8807.2	8782.7	8769.4	8595.5	8272.4	8107.5	7643.9	6661.1	4593.1	1573.4	305.3
30°	10327.1	10338.3	10251.4	10028.5	9651.9	9420.1	8943.2	7684.1	5638.2	2101.5	343.2
32.5°	11900.5	11878.2	11744.5	11481.5	11145.0	10928.8	10322.7	8805.0	6734.7	2799.1	387.8
35°	13596.4	13554.1	13202.0	12901.1	12613.6	12341.7	11789.1	10106.5	7831.1	3581.3	447.9
37.5°	15307.9	15109.6	14403.1	14022.1	13823.7	13600.9	13086.1	11494.9	8920.9	4454.9	521.5
40°	16600.5	16446.7	15608.8	14906.8	14748.6	14559.1	14175.8	12693.8	10079.8	5393.1	610.6
42.5°	17315.9	17231.2	16477.9	15784.9	15412.7	15245.5	14917.9	13741.3	11225.2	6429.4	739.9
45°	17621.2	17489.7	16986.0	16662.9	16070.1	15793.8	15403.8	14532.4	12422.0	7606.1	920.4
47.5°	17527.6	17451.8	17090.8	17208.9	16778.8	16348.7	15775.9	15138.6	13444.9	8956.6	1167.8
50°	16939.2	16874.6	16763.2	17402.8	17349.3	16841.2	16257.3	15617.7	14280.6	10349.4	1551.1
52.5°	15820.5	15793.8	16079.0	17251.2	17672.4	17275.8	16720.8	16041.1	15060.6	11804.7	2099.3
55°	14378.6	14487.8	15303.5	17015.0	17837.4	17596.7	17130.9	16437.8	15686.8	13106.1	2908.3
57.5°	13785.8	13814.8	14833.3	16847.9	17910.9	17879.7	17529.8	16816.7	16261.8	14146.9	4142.9
60°	14478.9	14434.3	14971.4	16974.9	18058.0	18133.7	17884.2	17168.8	16761.0	15040.5	5787.6
62.5°	15731.4	15706.9	15878.5	17516.4	18488.1	18641.9	18376.7	17422.8	17202.2	15628.9	7664.0
65°	16850.1	16798.8	17117.5	18476.9	19243.6	19352.8	19121.0	17857.4	17396.1	16056.7	9426.8
67.5°	17333.7	17322.6	17835.1	19390.7	20036.9	20155.0	19952.2	18456.9	17351.5	16192.7	10204.6
70°	17113.1	17070.7	17890.8	19778.4	20484.9	20618.6	20422.5	18679.7	16867.9	15762.6	9052.4
71°	16870.2	16756.5	17723.7	19751.7	20547.3	20660.9	20317.7	18476.9	16382.1	15151.9	8007.2
72.5°	16116.9	16137.0	17264.6	19473.1	20398.0	20364.5	19724.9	17750.4	15796.0	13765.8	6431.6
75°	14262.7	14380.9	15778.2	18303.1	19065.3	18639.6	17661.3	16362.0	14619.3	9870.3	4466.0
77.5°	11655.3	11831.4	13366.9	16052.3	15836.1	15793.8	15753.7	14416.5	12484.4	5301.7	3106.6
80°	5564.7	5945.8	8062.9	11459.2	12448.7	12927.8	12627.0	11617.5	9654.1	2525.0	1856.4
82.5°	363.3	358.8	508.1	962.7	4058.2	5246.0	8334.8	8303.6	6730.2	1230.2	757.7
85°	171.6	176.1	193.9	220.6	256.3	280.8	387.8	2273.1	3220.3	586.1	164.9
87.5°	100.3	102.5	120.3	153.8	200.6	222.9	265.2	341.0	419.0	323.1	35.7
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: GALN-SA8B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5	180.5
2.5°	182.7	180.5	173.8	167.1	160.5	156.0	153.8	156.0	156.0	158.2	158.2
5°	182.7	176.1	164.9	151.5	142.6	133.7	129.3	127.0	129.3	129.3	129.3
7.5°	180.5	169.4	153.8	138.2	127.0	115.9	111.4	109.2	109.2	111.4	111.4
10°	176.1	164.9	144.9	127.0	113.7	100.3	93.6	86.9	86.9	86.9	89.1
12.5°	173.8	158.2	133.7	115.9	98.1	82.5	69.1	62.4	64.6	64.6	64.6
15°	169.4	151.5	127.0	104.7	82.5	62.4	51.3	44.6	46.8	49.0	46.8
17.5°	169.4	149.3	118.1	91.4	64.6	46.8	37.9	33.4	33.4	35.7	35.7
20°	169.4	144.9	111.4	78.0	49.0	35.7	26.7	24.5	24.5	29.0	31.2
22.5°	173.8	144.9	102.5	64.6	40.1	26.7	20.1	17.8	20.1	24.5	26.7
25°	180.5	142.6	93.6	57.9	33.4	20.1	15.6	11.1	13.4	17.8	20.1
27.5°	187.2	140.4	84.7	51.3	26.7	15.6	11.1	8.9	6.7	8.9	8.9
30°	193.9	140.4	75.8	42.3	22.3	11.1	6.7	4.5	2.2	0.0	0.0
32.5°	198.3	135.9	69.1	33.4	17.8	8.9	4.5	2.2	0.0	0.0	0.0
35°	202.8	131.5	60.2	26.7	13.4	6.7	2.2	0.0	0.0	0.0	0.0
37.5°	207.3	124.8	51.3	22.3	11.1	4.5	0.0	0.0	0.0	0.0	0.0
40°	211.7	115.9	42.3	20.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	216.2	109.2	35.7	15.6	4.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	227.3	104.7	29.0	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	247.4	100.3	26.7	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	276.3	95.8	24.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	316.5	93.6	22.3	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	387.8	91.4	20.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	510.3	89.1	20.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	782.2	84.7	20.1	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1397.3	82.5	17.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2435.8	84.7	17.8	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3492.1	89.1	15.6	6.7	2.2	0.0	0.0	0.0	0.0	0.0	0.0
70°	2988.5	78.0	15.6	8.9	4.5	2.2	0.0	0.0	0.0	0.0	0.0
71°	2435.8	69.1	15.6	8.9	4.5	2.2	2.2	0.0	0.0	0.0	0.0
72.5°	1566.7	53.5	13.4	8.9	4.5	4.5	2.2	0.0	0.0	0.0	0.0
75°	661.9	44.6	13.4	8.9	6.7	4.5	4.5	2.2	0.0	0.0	0.0
77.5°	283.0	33.4	13.4	11.1	8.9	6.7	6.7	4.5	2.2	0.0	0.0
80°	107.0	26.7	15.6	13.4	11.1	11.1	8.9	4.5	2.2	0.0	0.0
82.5°	49.0	22.3	15.6	13.4	13.4	11.1	8.9	6.7	4.5	0.0	0.0
85°	31.2	20.1	15.6	13.4	13.4	11.1	11.1	6.7	4.5	0.0	0.0
87.5°	24.5	20.1	15.6	15.6	13.4	13.4	8.9	6.7	2.2	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

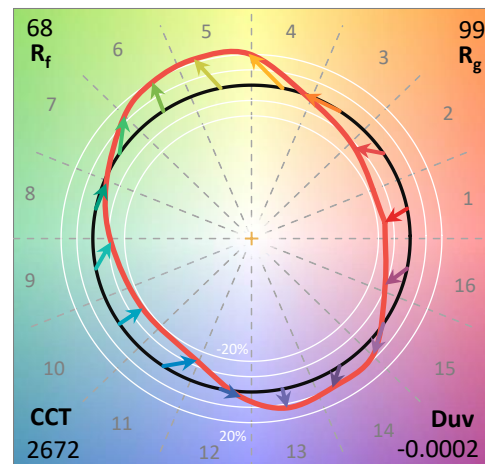
Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

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

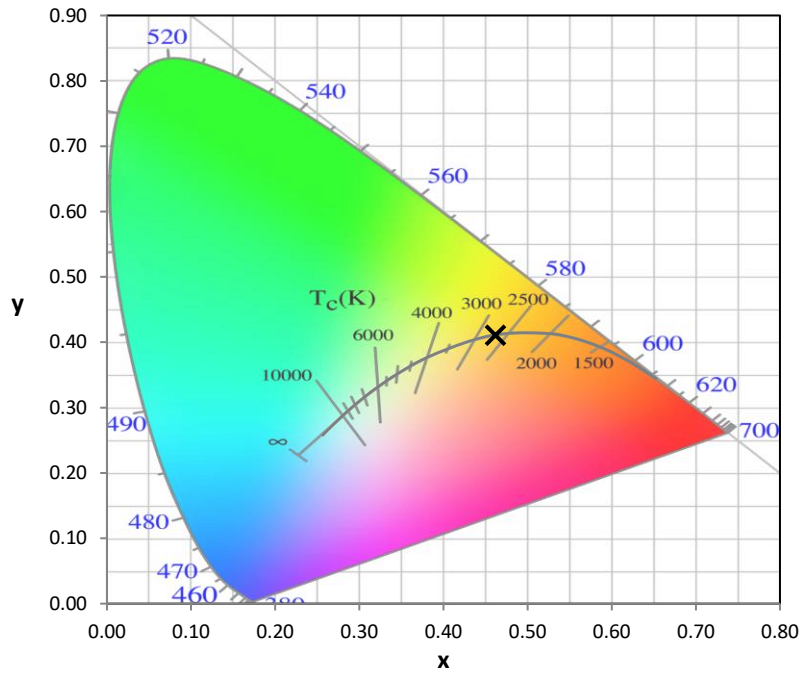
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-3

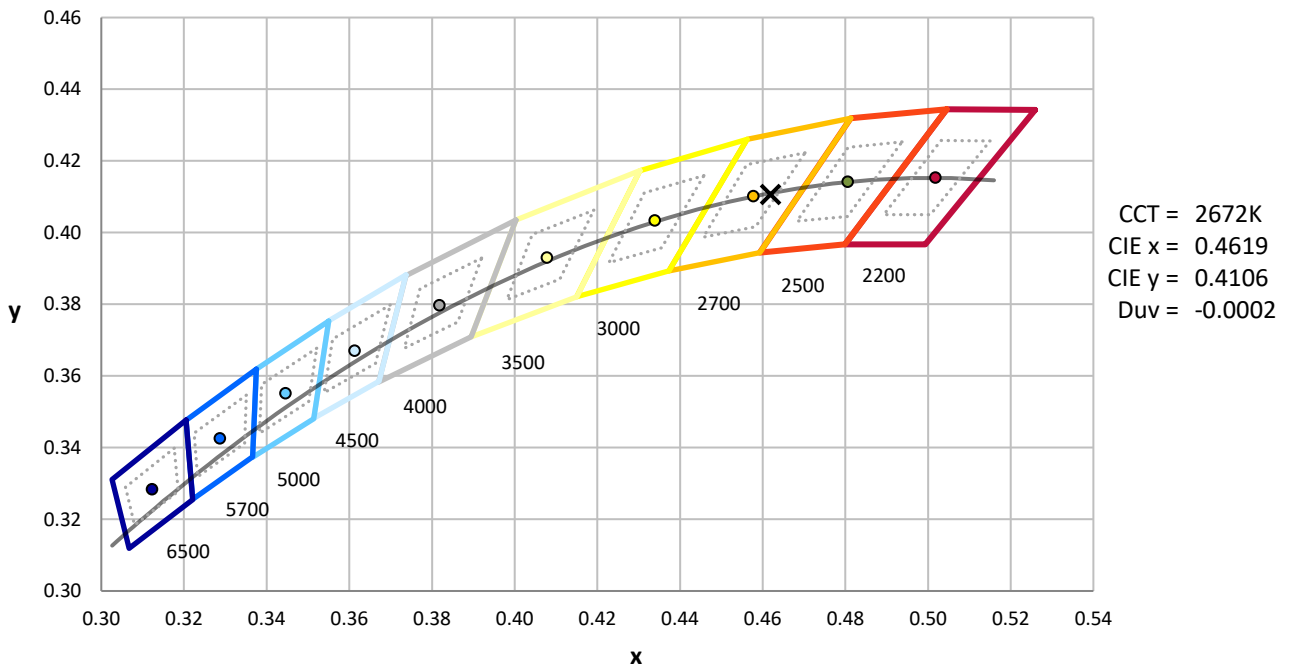
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram

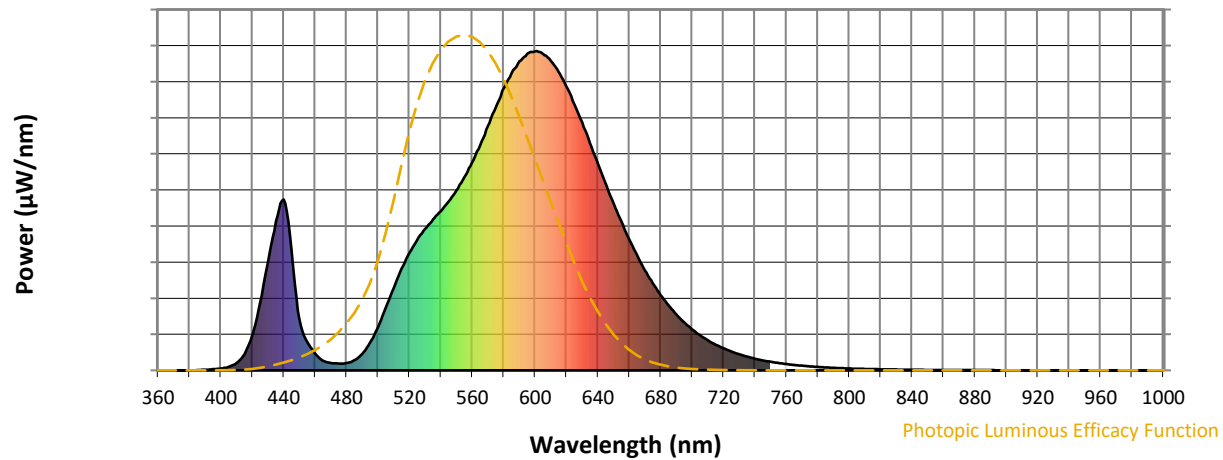


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



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Photopic Flux vs. Wavelength

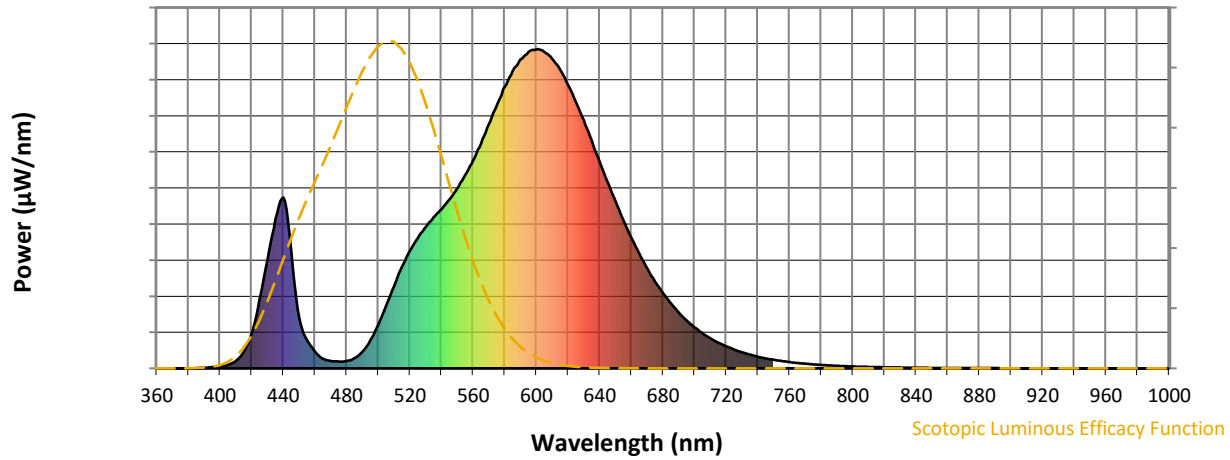


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



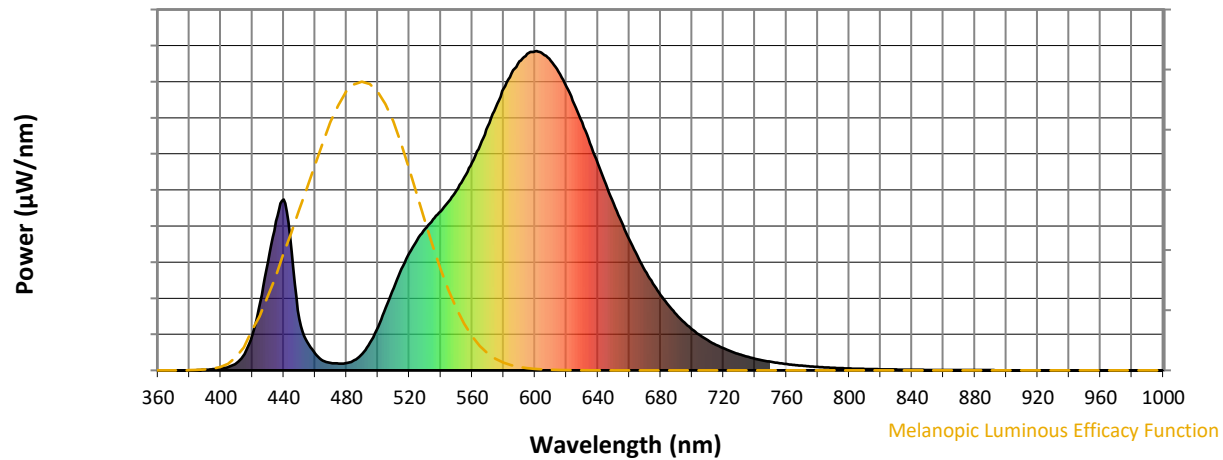
Scotopic Lumens: NR

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			

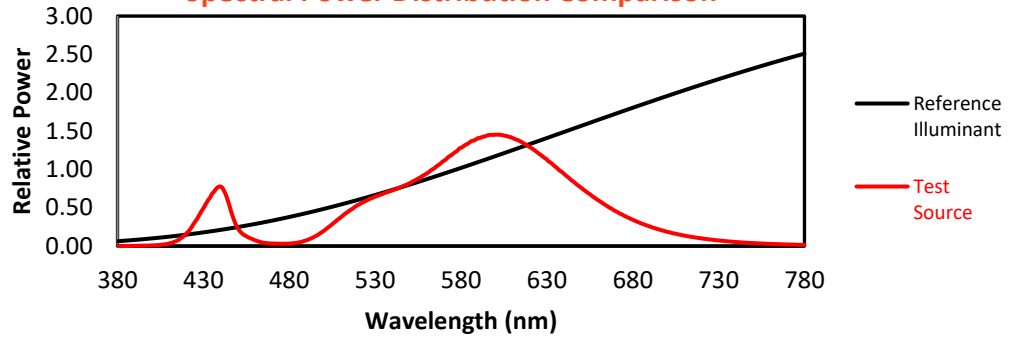
REPORT NUMBER: SP1-2407-184-3

TM-30-18

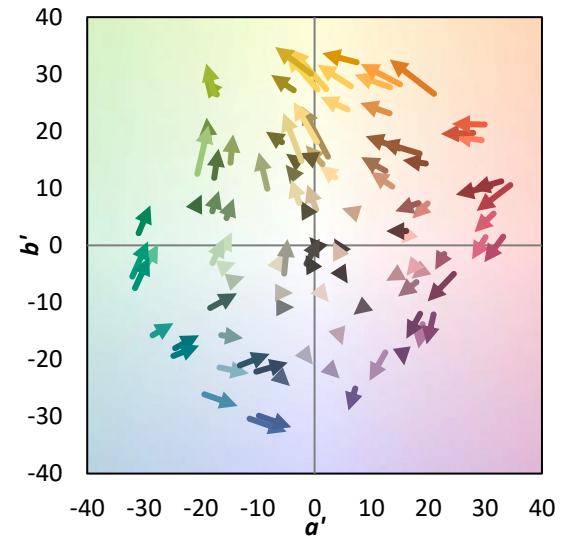
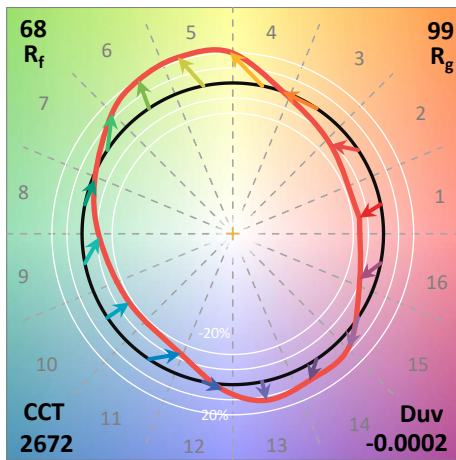
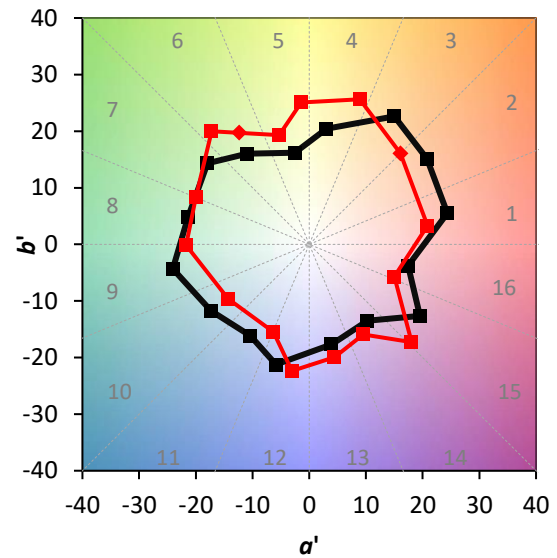
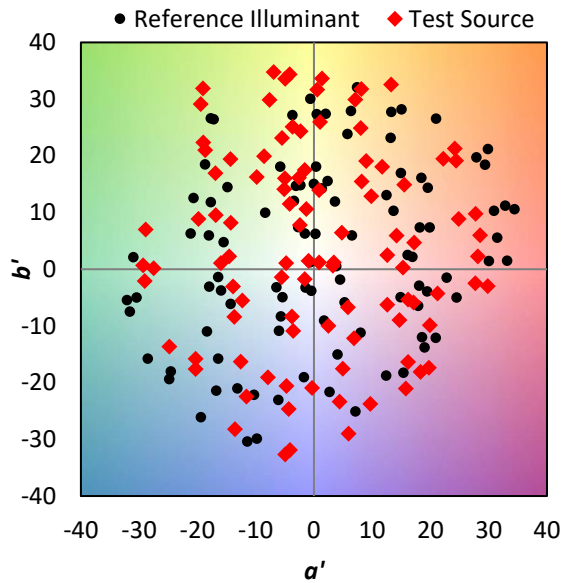
Summary

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

Spectral Power Distribution Comparison

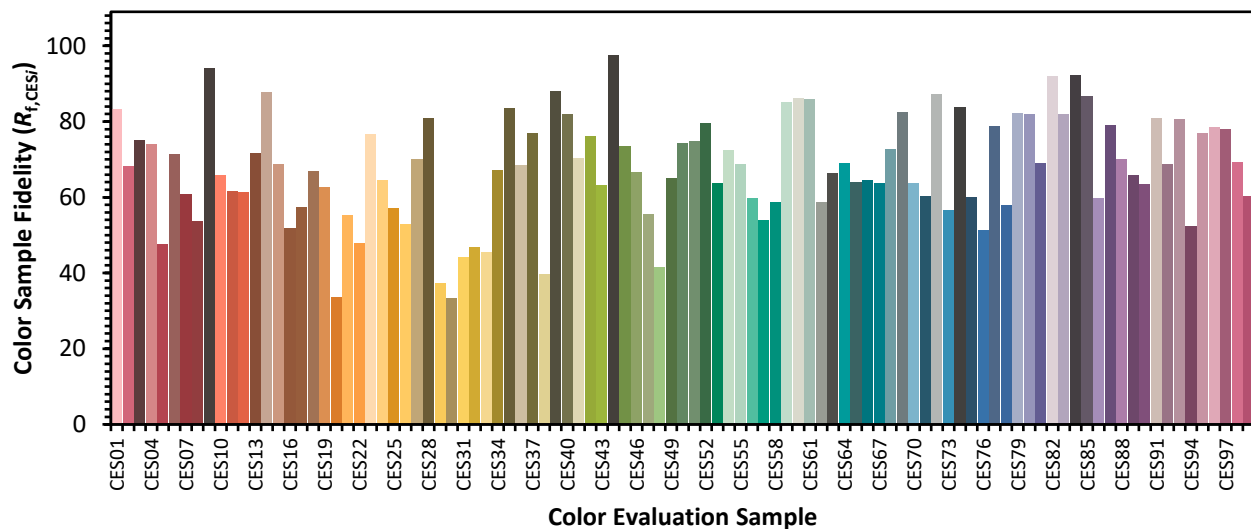


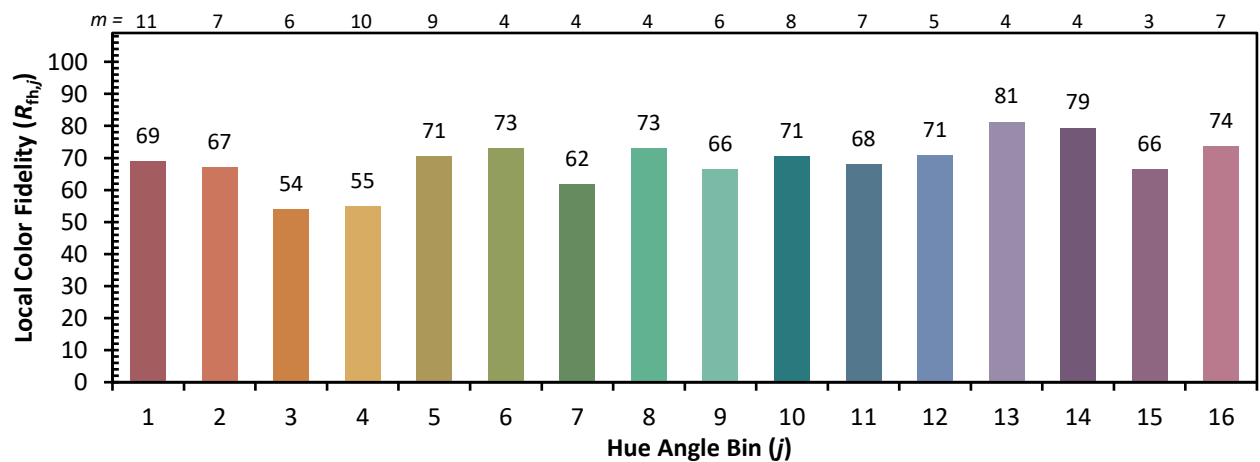
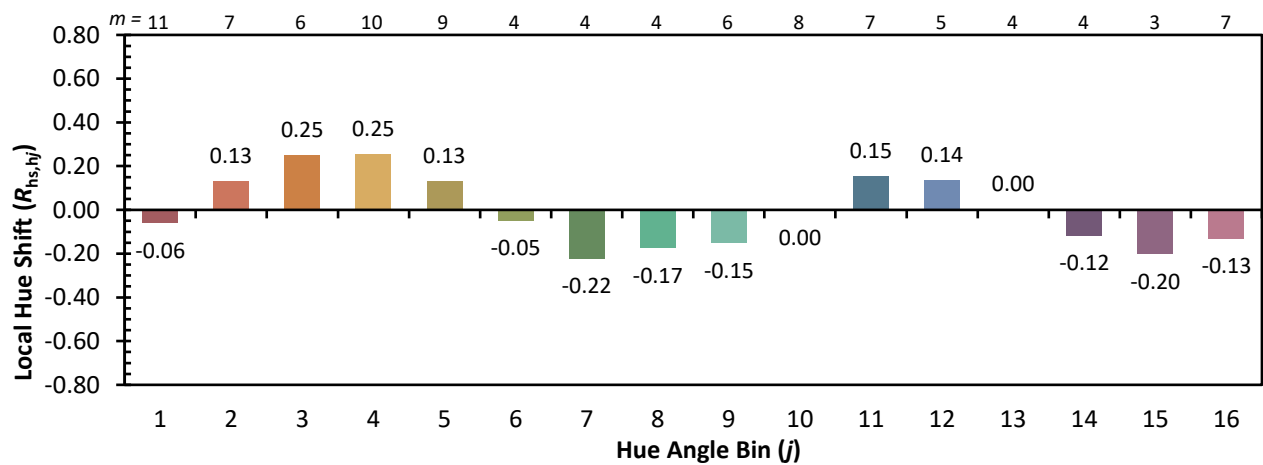
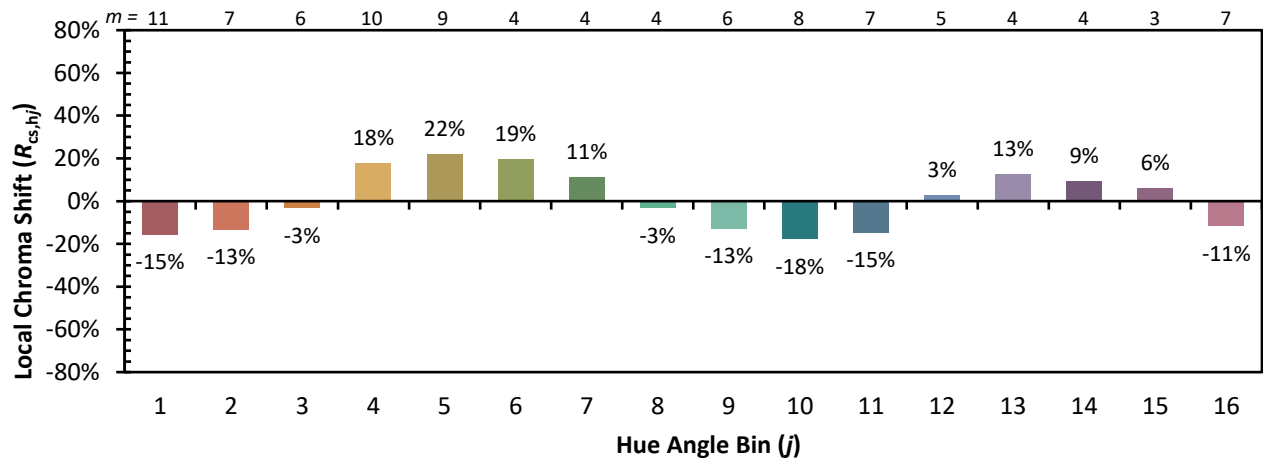
Color Vector Graphics



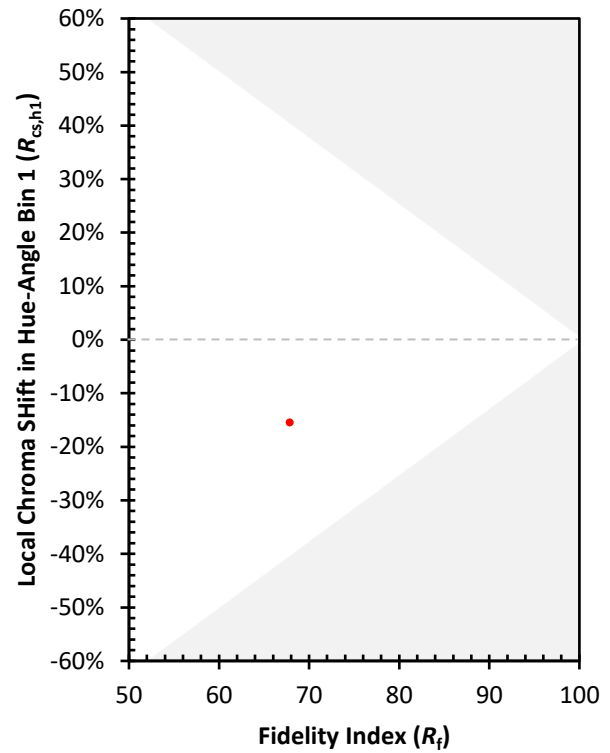
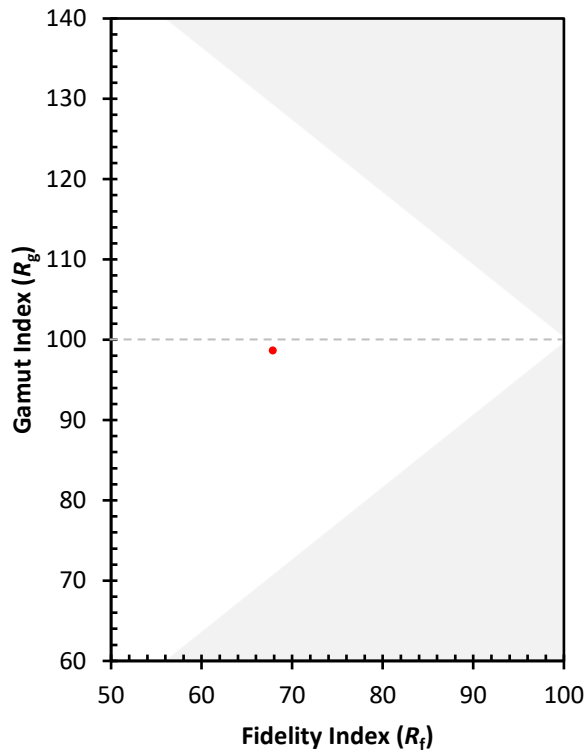
Individual Sample Fidelity Index ($R_{f,i}$)

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)