

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: P1047701

Luminaire Tested: **GALN-SA2A-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047701
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6633.2 lumens
Efficiency: N/A
Efficacy: 118.9 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): 55.8
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



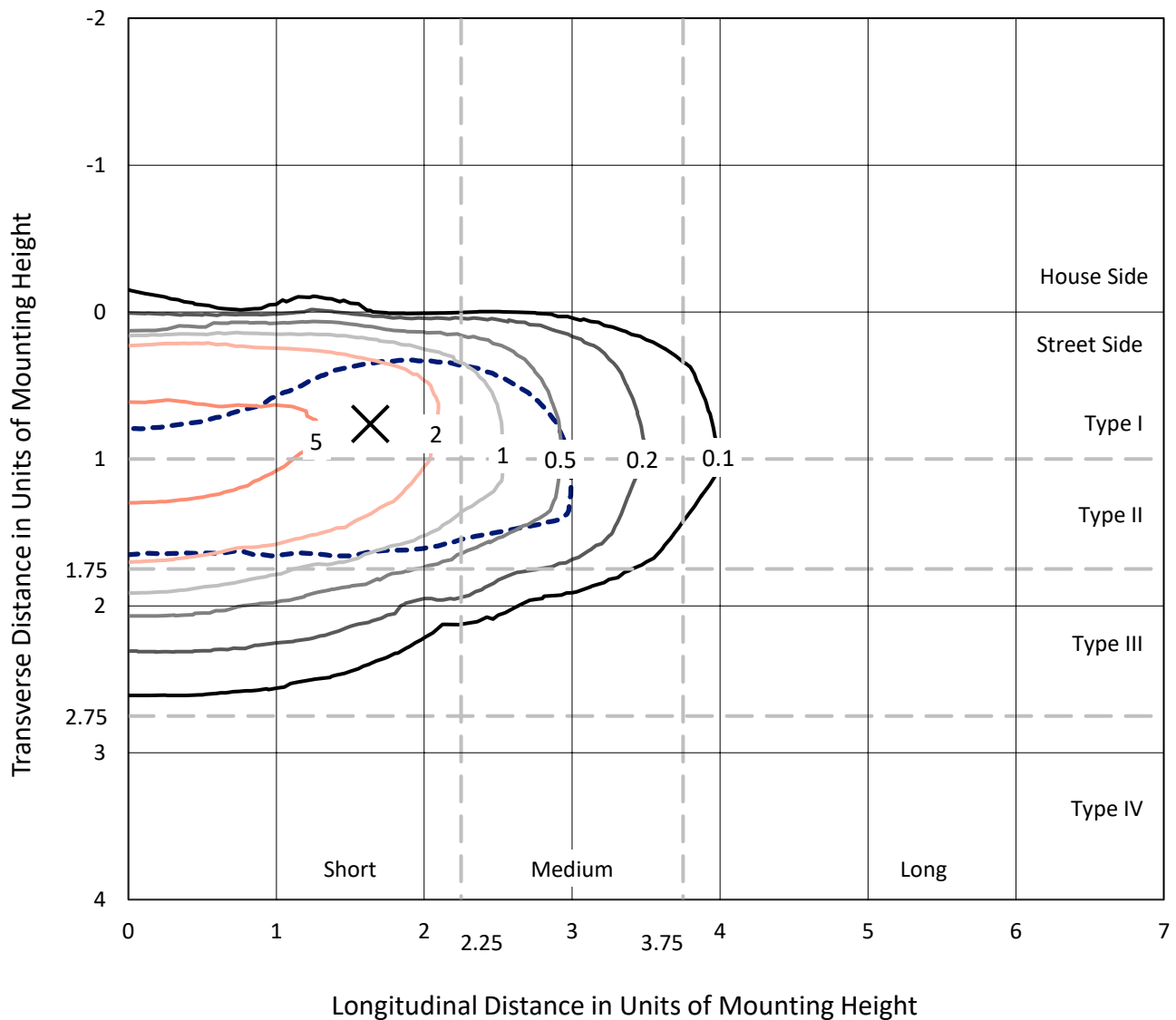
REPORT NUMBER: P1047701

CATALOG NUMBER: GALN-SA2A-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

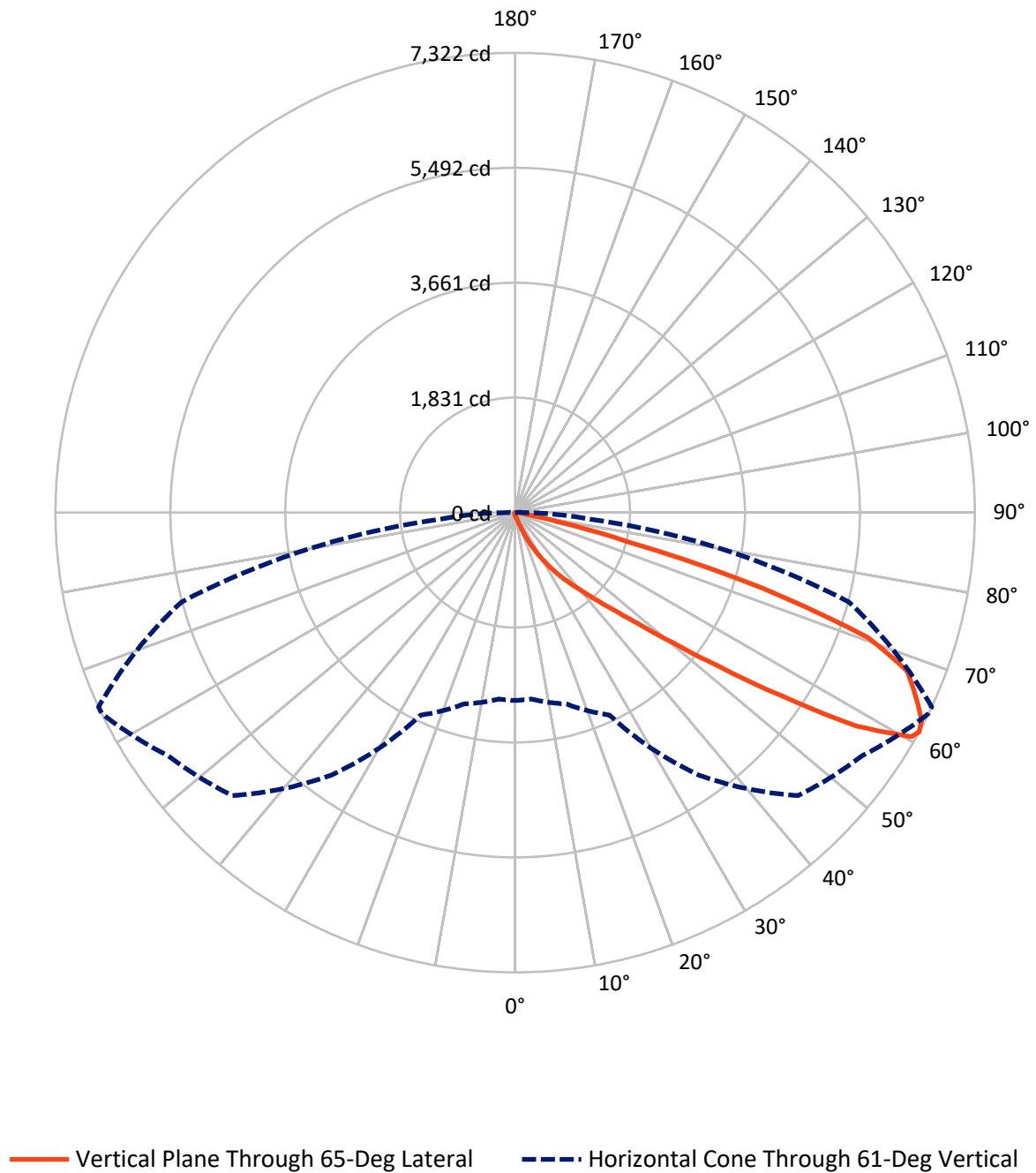


Based on 15 foot mounting height. Maximum calculated value = 8.8 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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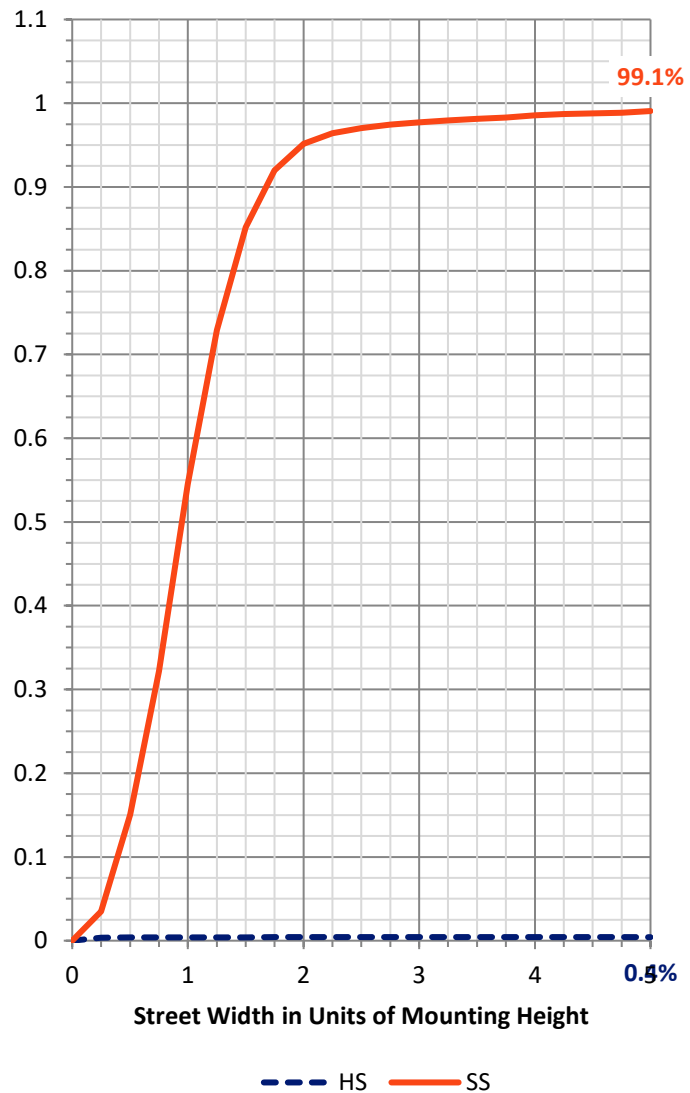
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.3	0.0	28.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	6604.9	0.0	6604.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	6633.2	0.0	6633.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	54.5	0.8
20°-30°	195.8	3.0
30°-40°	521.2	7.9
40°-50°	1369.1	20.6
50°-60°	2121.0	32.0
60°-70°	1778.5	26.8
70°-80°	523.4	7.9
80°-90°	64.6	1.0
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°	6633.2	100.0
0°-180°	6633.2	100.0



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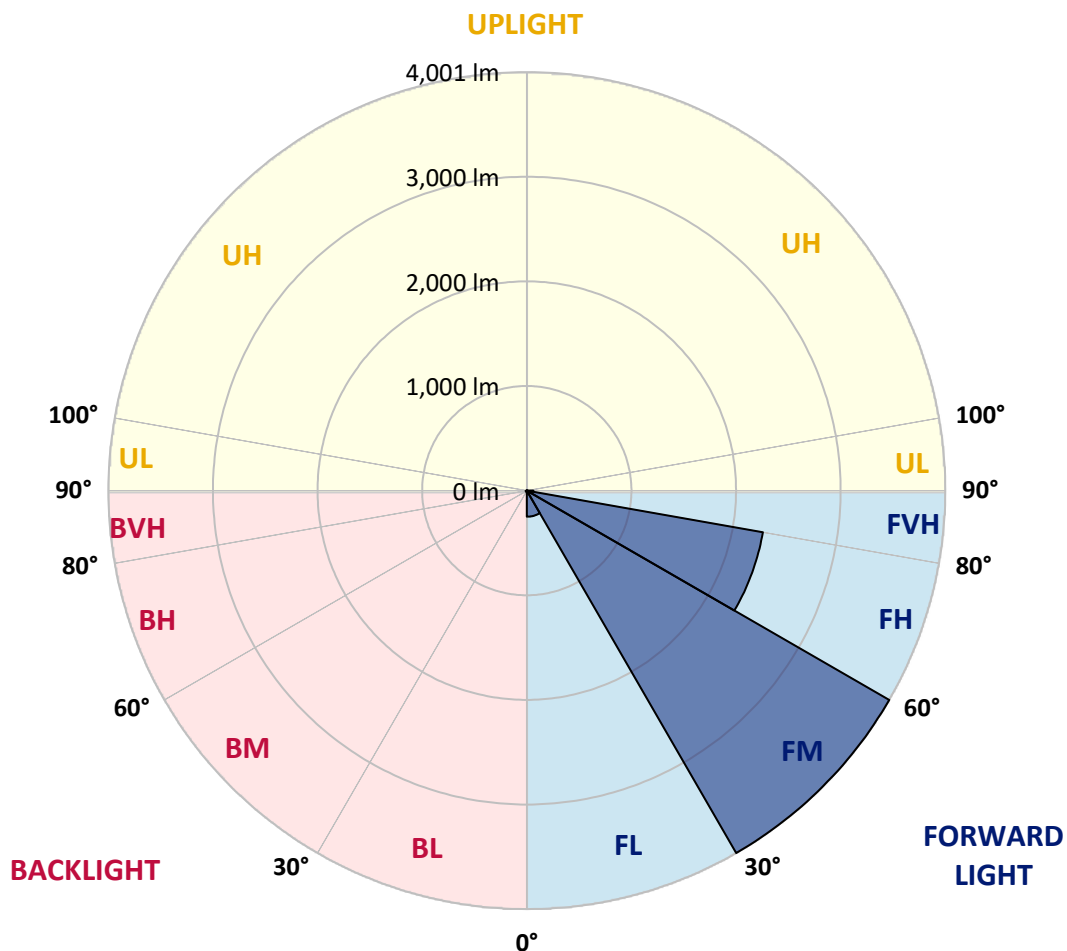
CATALOG NUMBER: GALN-SA2A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	249.1	3.8			
FM	(30°-60°)	4000.6	60.3			
FH	(60°-80°)	2291.8	34.6			G2/5000
FVH	(80°-90°)	63.4	1.0			G1/100
BL	(0°-30°)	6.4	0.1	B0/110		
BM	(30°-60°)	10.8	0.2	B0/220		
BH	(60°-80°)	10.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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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CATALOG NUMBER: GALN-SA2A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
2.5°	49.3	49.7	48.8	47.0	45.6	45.6	45.2	43.8	43.8	42.4	41.5
5°	68.9	68.0	66.2	62.5	59.3	56.1	52.9	49.7	49.3	45.2	42.4
7.5°	112.7	113.6	107.7	96.3	86.7	74.4	63.0	56.1	55.2	48.4	42.9
10°	247.3	240.5	226.8	182.5	150.1	113.2	84.0	65.2	64.3	52.0	43.8
12.5°	450.8	445.3	420.2	374.6	291.1	202.6	122.7	80.8	78.0	55.2	44.3
15°	649.8	641.1	627.4	581.3	483.7	363.2	200.8	110.4	103.1	59.8	43.8
17.5°	776.6	778.0	765.7	746.0	683.1	537.5	346.8	164.7	150.6	68.0	42.9
20°	887.5	884.3	891.1	880.6	836.4	730.5	504.7	261.0	236.8	81.2	43.3
22.5°	1015.3	1023.0	1028.0	1025.7	976.9	886.6	684.0	390.6	360.0	105.4	44.7
25°	1186.4	1185.4	1185.9	1180.0	1132.5	1032.1	863.8	551.7	520.6	144.6	47.9
27.5°	1365.7	1371.2	1373.4	1352.0	1289.9	1191.4	1030.3	727.8	691.3	207.6	52.0
30°	1610.7	1606.1	1595.7	1551.9	1476.6	1354.3	1194.6	912.6	874.3	295.7	58.4
32.5°	1941.1	1936.0	1883.1	1786.4	1673.7	1524.0	1359.8	1097.8	1051.3	405.6	67.1
35°	2485.4	2493.2	2363.1	2112.6	1910.5	1728.0	1542.7	1282.2	1241.1	541.2	78.9
37.5°	3319.1	3276.6	3100.1	2657.4	2222.1	1982.6	1717.5	1468.3	1432.8	708.2	94.5
40°	4129.0	4087.0	4035.9	3616.6	2763.8	2263.2	1962.1	1686.9	1640.8	896.6	117.3
42.5°	4980.4	4957.2	4954.9	4638.7	3752.1	2704.4	2256.4	1942.9	1903.7	1103.3	154.7
45°	5583.7	5560.4	5609.2	5664.4	5098.2	3649.9	2768.8	2275.5	2218.5	1354.3	214.5
47.5°	5664.9	5665.8	5796.3	5969.2	6098.3	5112.3	3451.4	2716.3	2647.0	1713.4	314.8
50°	5394.7	5405.2	5612.9	5922.2	6269.9	6339.3	4655.1	3356.0	3253.4	2139.1	457.2
52.5°	4880.5	4892.4	5181.7	5690.4	6112.0	6634.0	6072.3	4192.9	4074.7	2670.2	658.0
55°	4417.4	4424.7	4756.4	5399.3	5921.8	6473.9	6913.7	5310.3	5155.2	3323.6	856.0
57.5°	3958.8	3941.9	4157.7	4893.7	5889.4	6277.2	7037.9	6583.8	6412.7	4037.7	1010.2
60°	3345.5	3317.2	3490.6	3958.8	5463.2	6406.3	6805.6	7288.4	7249.6	5032.0	1129.3
61°	2992.8	2981.0	3155.3	3556.8	5104.5	6373.5	6749.9	7318.0	7322.1	5502.4	1182.7
62.5°	2137.3	2171.0	2437.5	2959.5	4275.5	6160.4	6757.2	7226.3	7266.9	6127.6	1321.0
65°	950.0	1004.3	1211.5	1636.3	2486.3	5124.6	6692.4	7025.1	7005.0	6299.1	1797.3
67.5°	563.5	571.7	674.9	927.2	1316.9	2756.5	5905.8	6759.1	6732.1	5483.7	2236.3
70°	444.0	448.1	480.9	581.8	764.3	1055.9	3370.6	5847.8	5965.1	4446.6	2189.3
72.5°	421.2	420.2	424.8	442.6	481.4	523.8	1305.0	3887.2	4125.8	3202.3	1835.7
75°	415.7	413.9	409.3	402.4	348.6	308.5	404.3	1719.3	1857.6	2187.9	1382.1
77.5°	403.4	403.8	404.7	386.0	298.9	218.1	195.7	551.7	678.5	1388.5	982.4
80°	272.9	277.0	283.8	276.5	268.8	157.9	138.3	196.2	198.9	779.3	648.8
82.5°	138.3	138.3	135.1	120.5	104.0	102.7	110.0	142.4	144.2	394.2	305.3
85°	83.5	88.1	89.9	81.7	74.8	68.9	84.0	113.2	117.3	152.9	71.2
87.5°	18.7	19.2	21.0	27.8	40.6	55.2	78.0	103.6	105.4	98.1	8.7
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-SA2A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
2.5°	41.1	40.2	39.7	38.3	37.0	35.6	34.7	34.2	34.7	35.1	35.1
5°	40.6	39.2	37.0	34.7	32.9	31.0	29.2	28.7	28.7	29.2	29.2
7.5°	40.6	38.3	35.1	32.4	29.7	26.9	25.6	24.6	25.1	25.1	25.1
10°	40.6	37.9	33.8	29.7	26.5	23.3	21.0	20.1	20.1	20.1	20.1
12.5°	40.2	37.4	32.4	27.4	22.8	19.2	16.4	15.1	15.5	15.5	15.5
15°	39.2	36.0	30.6	23.3	18.3	14.6	11.9	10.5	11.0	11.9	12.3
17.5°	37.9	34.7	27.4	19.6	14.6	11.0	8.2	7.3	7.8	9.1	9.1
20°	37.4	33.3	24.2	16.0	11.0	7.8	5.5	4.6	5.0	6.8	7.3
22.5°	37.4	32.4	21.9	13.2	8.2	5.0	3.2	1.8	1.8	3.2	3.2
25°	37.9	31.9	20.1	11.0	5.9	3.7	1.8	0.9	1.8	5.0	5.9
27.5°	38.8	31.5	19.2	9.1	4.6	3.2	1.4	3.2	5.5	5.5	5.5
30°	39.7	30.6	17.8	7.8	4.1	2.3	2.3	4.6	4.6	5.5	5.9
32.5°	41.1	30.1	16.9	6.8	3.2	1.8	3.2	2.7	2.7	3.2	3.7
35°	43.8	30.6	16.0	6.8	3.2	2.3	2.7	1.4	0.9	0.9	0.9
37.5°	47.5	31.0	14.6	5.9	2.7	2.7	1.4	0.0	0.0	0.0	0.0
40°	53.4	32.4	13.7	5.5	2.3	2.3	0.5	0.0	0.0	0.0	0.0
42.5°	63.4	35.1	13.2	5.0	2.3	1.8	0.0	0.0	0.0	0.0	0.0
45°	83.5	41.5	12.3	4.6	2.3	0.9	0.0	0.0	0.0	0.0	0.0
47.5°	120.0	56.6	11.9	3.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	175.2	76.7	11.4	3.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	223.6	80.8	7.8	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	229.1	55.7	5.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	182.5	36.0	5.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	138.3	27.4	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	132.8	24.6	4.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	146.5	21.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	238.2	17.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	413.9	15.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	522.9	14.6	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	455.8	13.2	2.7	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	274.2	11.4	2.7	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	143.7	8.7	2.7	2.3	1.4	0.5	0.0	0.0	0.0	0.0	0.0
80°	69.8	7.8	3.2	2.3	1.8	0.9	0.0	0.0	0.0	0.0	0.0
82.5°	27.4	6.4	3.7	3.2	2.3	1.4	0.5	0.0	0.0	0.0	0.0
85°	12.3	5.5	4.1	3.7	3.2	1.8	0.5	0.0	0.0	0.0	0.0
87.5°	6.4	5.0	4.6	4.1	3.2	2.3	0.9	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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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



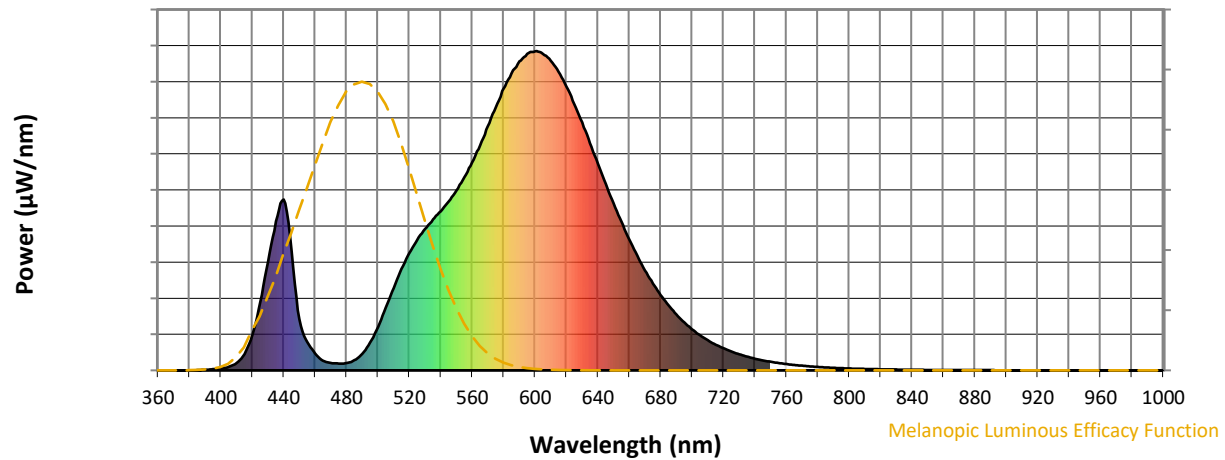
Scotopic Lumens: NR

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

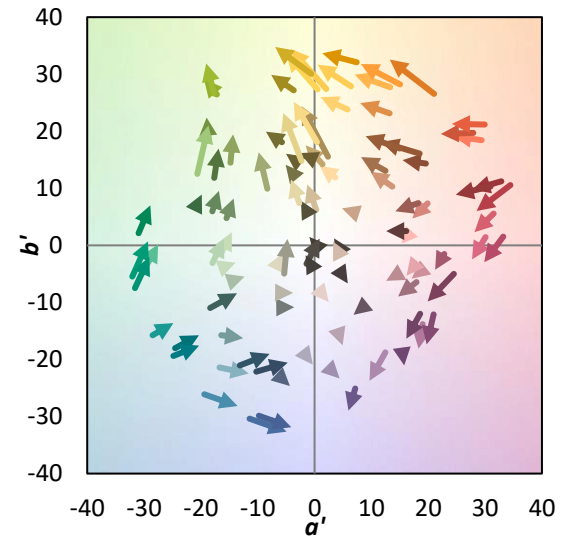
Summary

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

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)