

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: P1048310

Luminaire Tested: **GALN-SA1B-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048310
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4200.8 lumens
Efficiency: N/A
Efficacy: 108.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 38.7
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

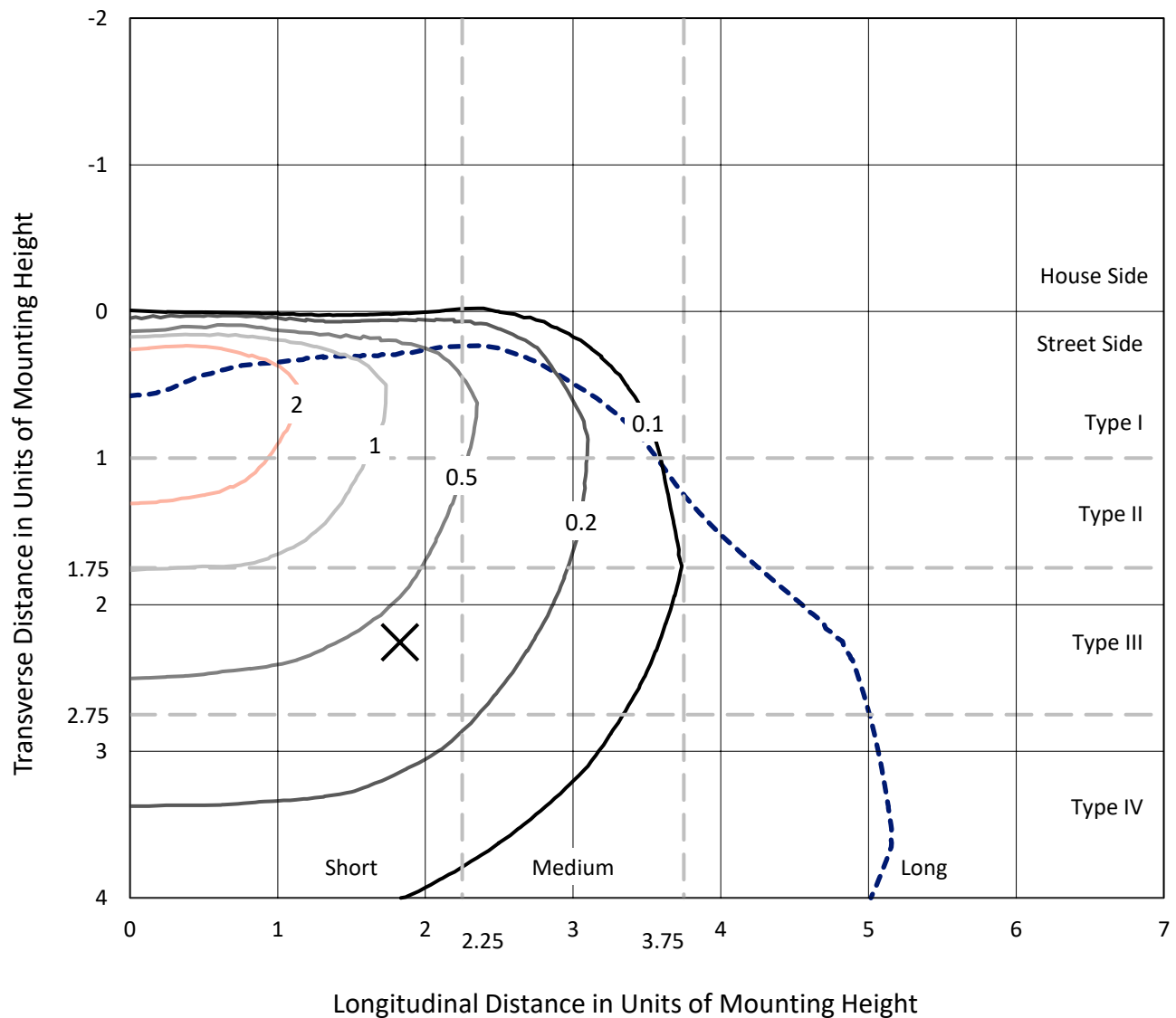


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

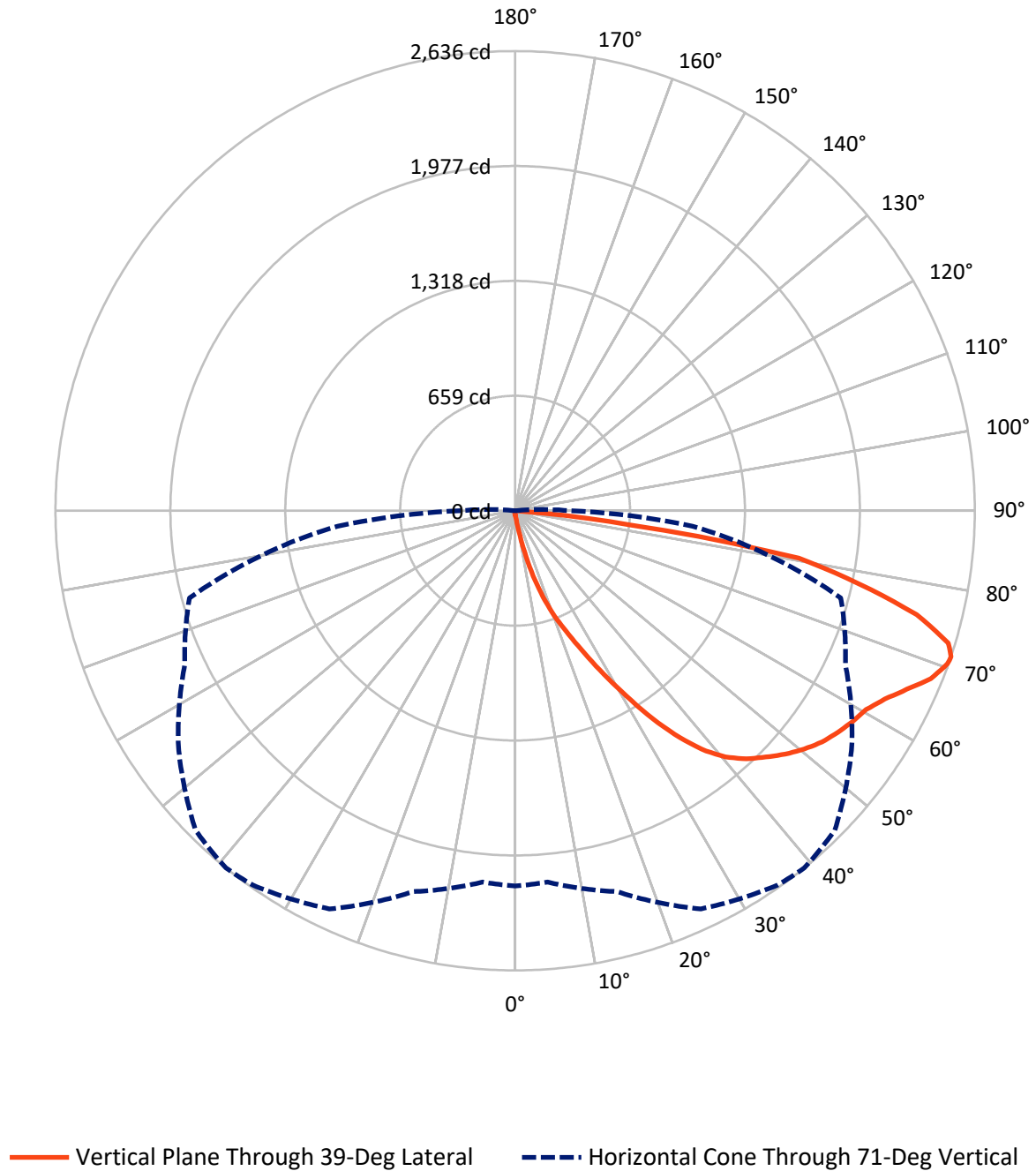


Based on 15 foot mounting height. Maximum calculated value = 4.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.9	0.0	14.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4185.8	0.0	4185.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	4200.8	0.0	4200.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	44.9	1.1
20°-30°	159.9	3.8
30°-40°	385.4	9.2
40°-50°	644.9	15.4
50°-60°	828.3	19.7
60°-70°	1048.3	25.0
70°-80°	934.6	22.2
80°-90°	151.1	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°	4200.8	100.0
0°-180°	4200.8	100.0



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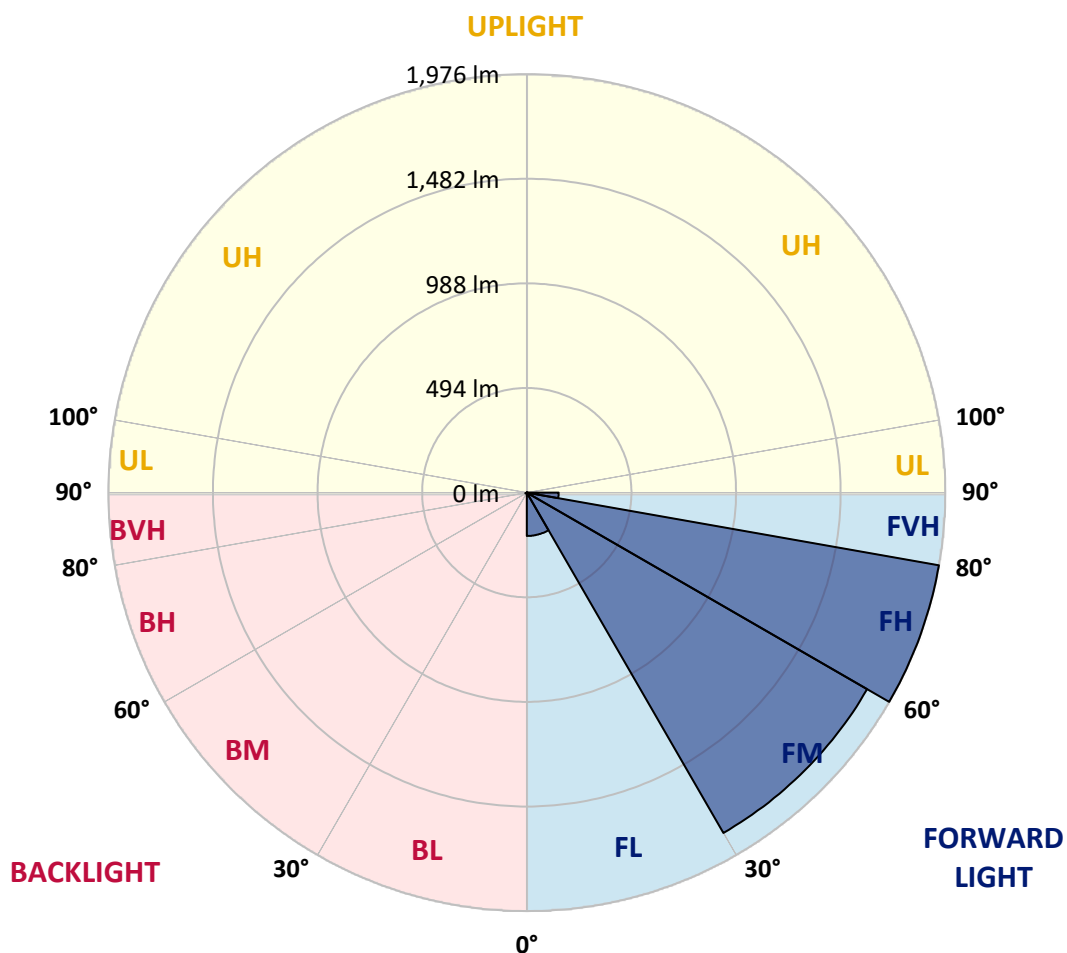
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	204.7	4.9			
FM	(30°-60°)	1855.1	44.2			
FH	(60°-80°)	1975.6	47.0			G2/5000
FVH	(80°-90°)	150.4	3.6			G2/225
BL	(0°-30°)	3.6	0.1	B0/110		
BM	(30°-60°)	3.5	0.1	B0/220		
BH	(60°-80°)	7.2	0.2	B0/110		G0/110
BVH	(80°-90°)	0.7	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-G2

Type IV Short



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CATALOG NUMBER: GALN-SA1B-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	26.4	26.4	26.4	25.6	25.6	25.3	25.0	25.0	24.5	24.2	23.6
5°	40.1	39.2	37.3	36.1	33.8	32.4	31.0	29.0	27.0	25.6	23.9
7.5°	90.7	92.7	86.2	73.9	61.4	56.0	46.9	37.8	31.3	27.0	24.2
10°	231.2	230.1	207.9	183.4	141.6	124.8	97.8	61.7	40.4	29.6	24.5
12.5°	393.3	392.1	366.0	332.7	277.5	242.6	191.4	115.2	58.0	33.6	24.5
15°	529.5	524.9	516.7	483.7	419.2	389.9	322.2	203.6	93.8	40.4	25.0
17.5°	619.6	615.7	608.0	596.0	555.1	520.4	466.1	319.9	151.9	52.3	26.2
20°	702.4	699.5	693.3	691.0	664.6	646.1	601.2	453.6	236.6	71.1	27.9
22.5°	816.1	810.2	812.7	799.1	773.2	751.0	723.4	593.5	340.1	102.4	31.0
25°	955.5	952.6	945.5	935.9	900.0	880.7	838.3	725.4	455.8	143.3	34.4
27.5°	1123.8	1120.7	1119.0	1096.8	1055.6	1034.5	975.4	850.0	586.1	200.8	39.0
30°	1317.8	1319.2	1308.1	1279.7	1231.6	1202.0	1141.2	980.5	719.5	268.2	43.8
32.5°	1518.5	1515.7	1498.6	1465.1	1422.1	1394.5	1317.2	1123.5	859.4	357.2	49.5
35°	1734.9	1729.5	1684.6	1646.2	1609.5	1574.8	1504.3	1289.6	999.3	457.0	57.2
37.5°	1953.3	1928.0	1837.9	1789.3	1763.9	1735.5	1669.8	1466.8	1138.3	568.5	66.5
40°	2118.3	2098.6	1991.7	1902.1	1882.0	1857.8	1808.9	1619.8	1286.2	688.2	77.9
42.5°	2209.6	2198.7	2102.6	2014.2	1966.7	1945.4	1903.6	1753.4	1432.4	820.4	94.4
45°	2248.5	2231.7	2167.5	2126.2	2050.6	2015.3	1965.6	1854.4	1585.1	970.6	117.4
47.5°	2236.6	2226.9	2180.8	2195.9	2141.0	2086.1	2013.1	1931.7	1715.6	1142.9	149.0
50°	2161.5	2153.2	2139.0	2220.6	2213.8	2149.0	2074.5	1992.9	1822.2	1320.6	197.9
52.5°	2018.7	2015.3	2051.7	2201.3	2255.1	2204.4	2133.6	2046.9	1921.8	1506.3	267.9
55°	1834.8	1848.7	1952.8	2171.2	2276.1	2245.4	2186.0	2097.5	2001.7	1672.4	371.1
57.5°	1759.1	1762.8	1892.8	2149.8	2285.5	2281.5	2236.9	2145.9	2075.0	1805.2	528.6
60°	1847.6	1841.9	1910.4	2166.0	2304.2	2313.9	2282.1	2190.8	2138.7	1919.2	738.5
62.5°	2007.4	2004.2	2026.1	2235.1	2359.1	2378.8	2344.9	2223.2	2195.1	1994.3	977.9
65°	2150.1	2143.6	2184.2	2357.7	2455.5	2469.5	2439.9	2278.7	2219.8	2048.9	1202.9
67.5°	2211.8	2210.4	2275.8	2474.3	2556.8	2571.8	2546.0	2355.2	2214.1	2066.2	1302.1
70°	2183.7	2178.3	2282.9	2523.8	2613.9	2631.0	2606.0	2383.6	2152.4	2011.3	1155.1
71°	2152.7	2138.2	2261.6	2520.4	2621.9	2636.4	2592.6	2357.7	2090.4	1933.4	1021.7
72.5°	2056.6	2059.1	2203.0	2484.8	2602.8	2598.6	2517.0	2265.0	2015.6	1756.6	820.7
75°	1820.0	1835.0	2013.3	2335.5	2432.8	2378.5	2253.6	2087.8	1865.5	1259.5	569.9
77.5°	1487.3	1509.7	1705.6	2048.3	2020.7	2015.3	2010.2	1839.6	1593.0	676.5	396.4
80°	710.1	758.7	1028.8	1462.2	1588.5	1649.6	1611.2	1482.4	1231.9	322.2	236.9
82.5°	46.4	45.8	64.8	122.8	517.8	669.4	1063.5	1059.6	858.8	157.0	96.7
85°	21.9	22.5	24.7	28.2	32.7	35.8	49.5	290.1	410.9	74.8	21.0
87.5°	12.8	13.1	15.4	19.6	25.6	28.4	33.8	43.5	53.5	41.2	4.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048310

CATALOG NUMBER: GALN-SA1B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
2.5°	23.3	23.0	22.2	21.3	20.5	19.9	19.6	19.9	19.9	20.2	20.2
5°	23.3	22.5	21.0	19.3	18.2	17.1	16.5	16.2	16.5	16.5	16.5
7.5°	23.0	21.6	19.6	17.6	16.2	14.8	14.2	13.9	13.9	14.2	14.2
10°	22.5	21.0	18.5	16.2	14.5	12.8	11.9	11.1	11.1	11.1	11.4
12.5°	22.2	20.2	17.1	14.8	12.5	10.5	8.8	8.0	8.2	8.2	8.2
15°	21.6	19.3	16.2	13.4	10.5	8.0	6.5	5.7	6.0	6.3	6.0
17.5°	21.6	19.1	15.1	11.7	8.2	6.0	4.8	4.3	4.3	4.5	4.5
20°	21.6	18.5	14.2	10.0	6.3	4.5	3.4	3.1	3.1	3.7	4.0
22.5°	22.2	18.5	13.1	8.2	5.1	3.4	2.6	2.3	2.6	3.1	3.4
25°	23.0	18.2	11.9	7.4	4.3	2.6	2.0	1.4	1.7	2.3	2.6
27.5°	23.9	17.9	10.8	6.5	3.4	2.0	1.4	1.1	0.9	1.1	1.1
30°	24.7	17.9	9.7	5.4	2.8	1.4	0.9	0.6	0.3	0.0	0.0
32.5°	25.3	17.3	8.8	4.3	2.3	1.1	0.6	0.3	0.0	0.0	0.0
35°	25.9	16.8	7.7	3.4	1.7	0.9	0.3	0.0	0.0	0.0	0.0
37.5°	26.4	15.9	6.5	2.8	1.4	0.6	0.0	0.0	0.0	0.0	0.0
40°	27.0	14.8	5.4	2.6	0.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	27.6	13.9	4.5	2.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.0	13.4	3.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	31.6	12.8	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	35.3	12.2	3.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	40.4	11.9	2.8	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	49.5	11.7	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	65.1	11.4	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	99.8	10.8	2.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	178.3	10.5	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	310.8	10.8	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	445.6	11.4	2.0	0.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
70°	381.3	10.0	2.0	1.1	0.6	0.3	0.0	0.0	0.0	0.0	0.0
71°	310.8	8.8	2.0	1.1	0.6	0.3	0.3	0.0	0.0	0.0	0.0
72.5°	199.9	6.8	1.7	1.1	0.6	0.6	0.3	0.0	0.0	0.0	0.0
75°	84.5	5.7	1.7	1.1	0.9	0.6	0.6	0.3	0.0	0.0	0.0
77.5°	36.1	4.3	1.7	1.4	1.1	0.9	0.9	0.6	0.3	0.0	0.0
80°	13.6	3.4	2.0	1.7	1.4	1.4	1.1	0.6	0.3	0.0	0.0
82.5°	6.3	2.8	2.0	1.7	1.7	1.4	1.1	0.9	0.6	0.0	0.0
85°	4.0	2.6	2.0	1.7	1.7	1.4	1.4	0.9	0.6	0.0	0.0
87.5°	3.1	2.6	2.0	2.0	1.7	1.7	1.1	0.9	0.3	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

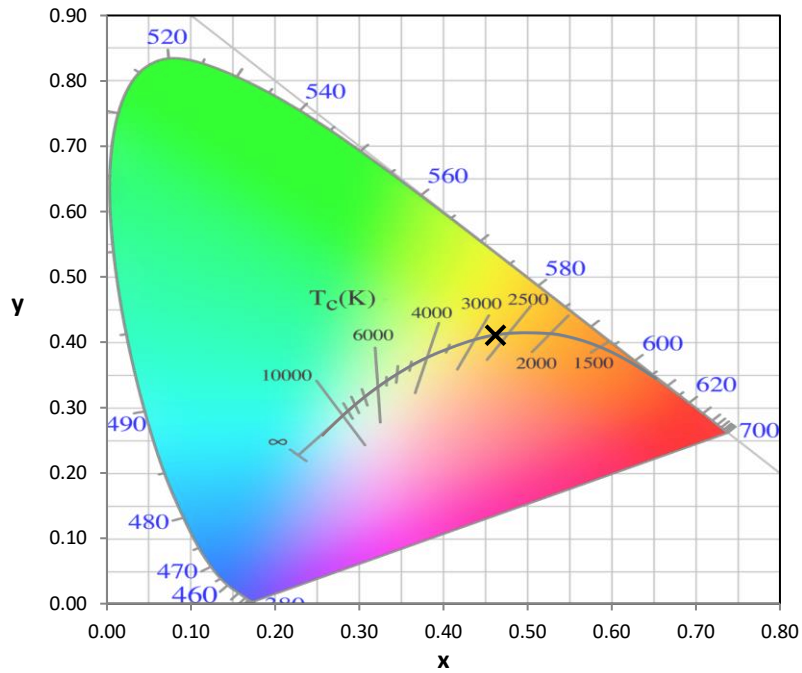
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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			

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

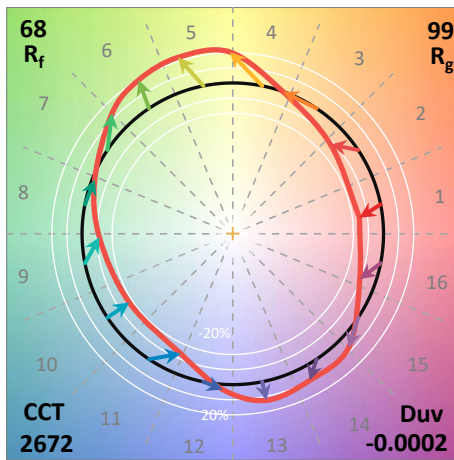
Summary

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

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)