

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: P1048513

Luminaire Tested: **GALN-SA7A-827-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048513
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-827-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21713.1 lumens
Efficiency: N/A
Efficacy: 112.4 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): 193.1
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

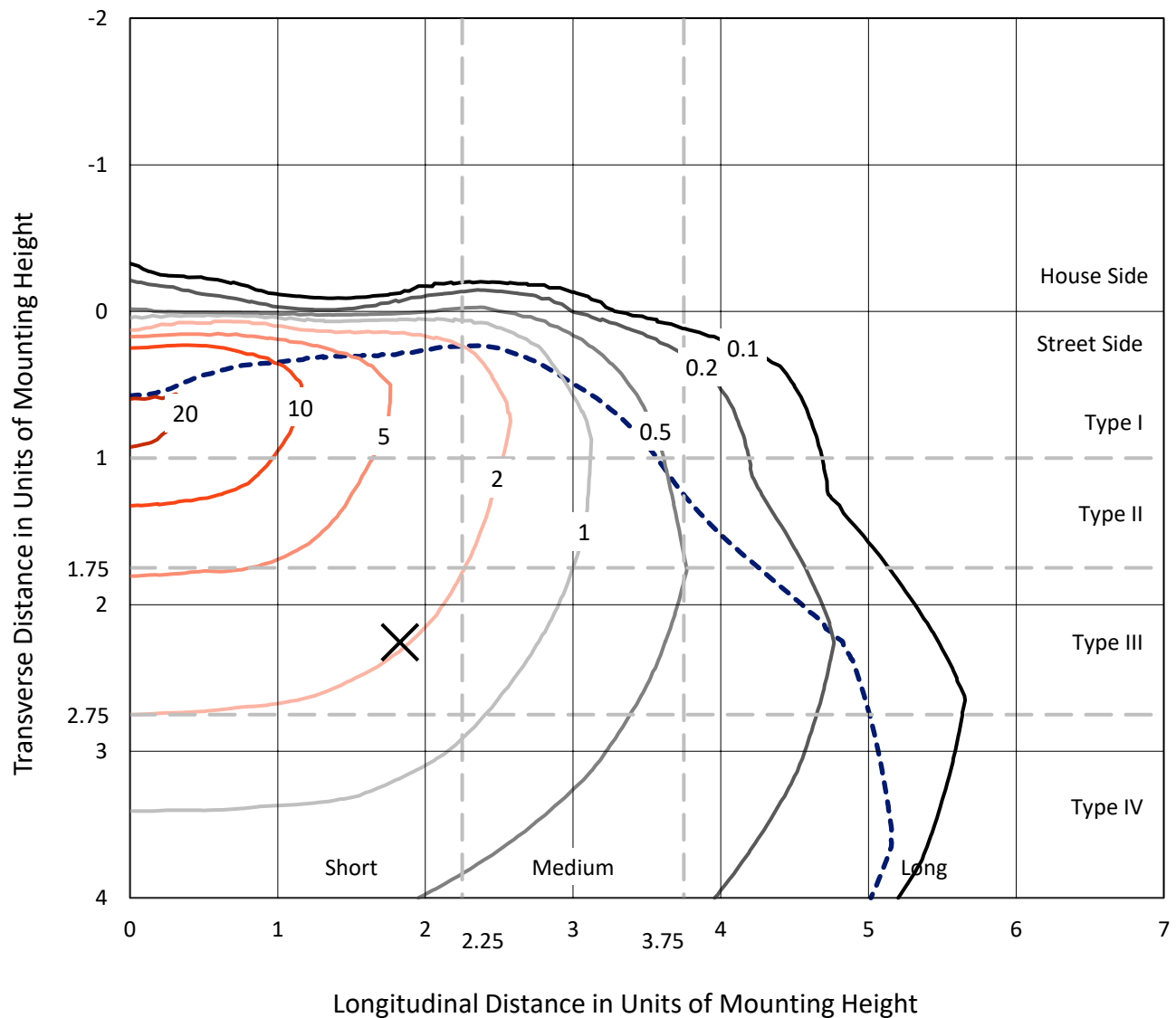


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

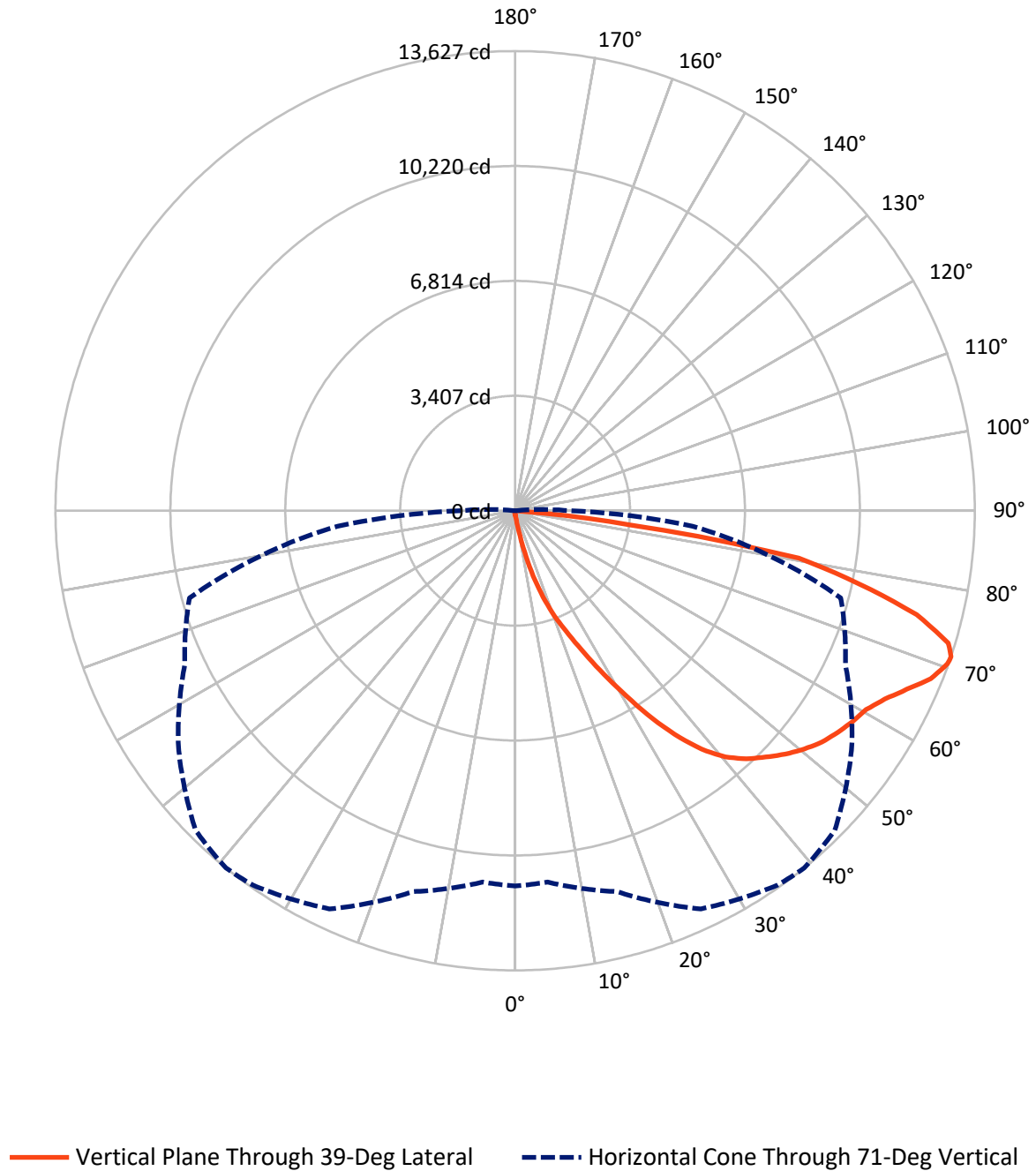


Based on 15 foot mounting height. Maximum calculated value = 22.3 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	77.1	0.0	77.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	21636.0	0.0	21636.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	21713.1	0.0	21713.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.1	0.1
10°-20°	232.1	1.1
20°-30°	826.5	3.8
30°-40°	1991.8	9.2
40°-50°	3333.5	15.4
50°-60°	4281.5	19.7
60°-70°	5418.2	25.0
70°-80°	4830.6	22.2
80°-90°	780.8	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°	21713.1	100.0
0°-180°	21713.1	100.0



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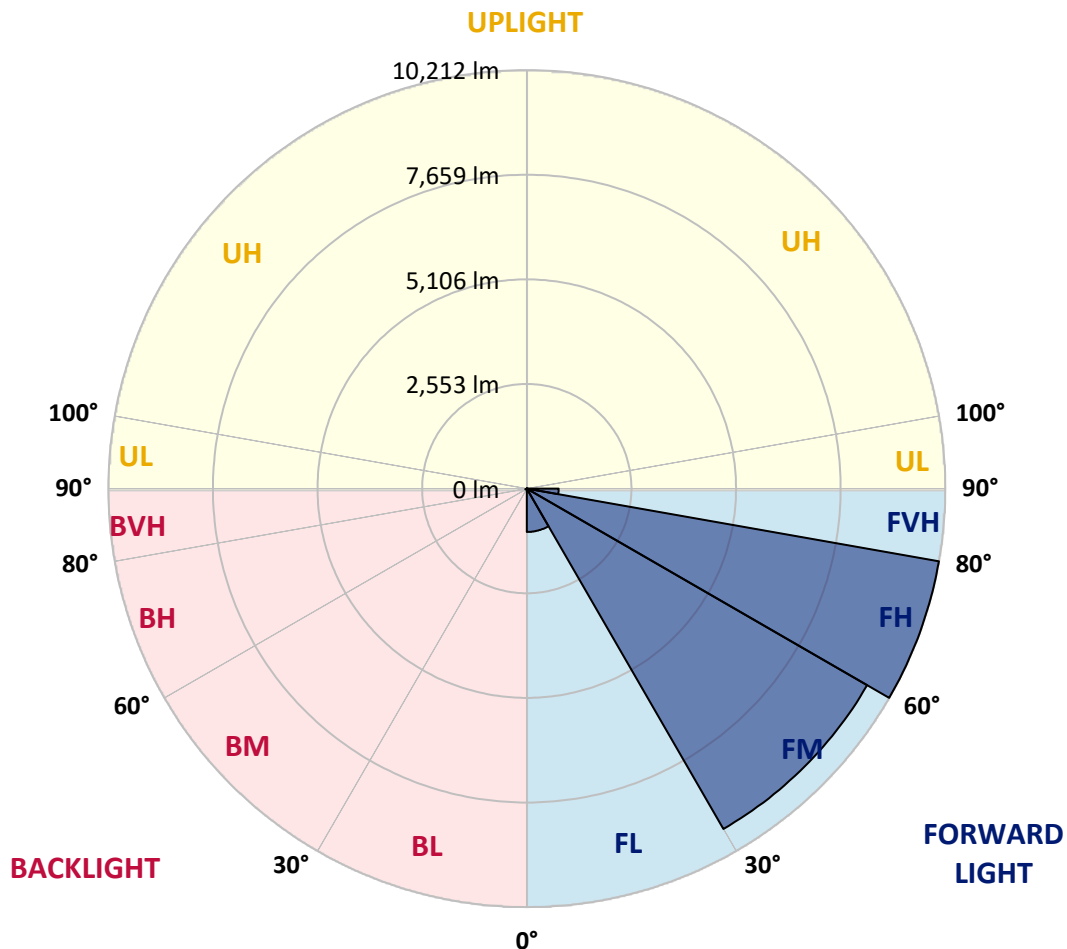
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1058.0	4.9			
FM	(30°-60°)	9589.0	44.2			
FH	(60°-80°)	10211.7	47.0			G4/12000
FVH	(80°-90°)	777.3	3.6			G5
BL	(0°-30°)	18.7	0.1	B0/110		
BM	(30°-60°)	17.9	0.1	B0/220		
BH	(60°-80°)	37.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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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CATALOG NUMBER: GALN-SA7A-827-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
2.5°	136.7	136.7	136.7	132.3	132.3	130.8	129.3	129.3	126.4	124.9	122.0
5°	207.3	202.8	192.6	186.7	174.9	167.6	160.2	149.9	139.6	132.3	123.5
7.5°	468.9	479.2	445.4	382.2	317.5	289.6	242.5	195.5	161.7	139.6	124.9
10°	1195.0	1189.1	1074.5	948.1	732.0	645.3	505.6	319.0	208.7	152.9	126.4
12.5°	2032.8	2026.9	1891.7	1719.7	1434.6	1253.8	989.2	595.3	299.9	173.4	126.4
15°	2736.9	2713.4	2670.7	2500.2	2166.6	2015.2	1665.4	1052.4	485.1	208.7	129.3
17.5°	3202.8	3182.3	3142.6	3080.8	2869.2	2689.9	2409.1	1653.6	784.9	270.5	135.2
20°	3630.6	3615.9	3583.5	3571.8	3435.1	3339.5	3107.3	2344.4	1222.9	367.5	144.0
22.5°	4218.5	4187.6	4200.9	4130.3	3996.6	3881.9	3739.3	3067.6	1758.0	529.2	160.2
25°	4938.7	4924.0	4887.3	4837.3	4652.1	4552.2	4333.2	3749.6	2356.2	740.8	177.9
27.5°	5808.9	5792.7	5783.9	5669.3	5456.1	5347.4	5041.6	4393.4	3029.4	1037.7	201.4
30°	6811.3	6818.7	6761.4	6614.4	6366.0	6213.1	5898.6	5068.1	3718.8	1386.1	226.4
32.5°	7849.1	7834.4	7746.2	7572.7	7350.8	7208.2	6808.4	5807.4	4441.9	1846.1	255.8
35°	8967.6	8939.7	8707.5	8509.0	8319.4	8140.1	7775.6	6665.8	5165.1	2362.1	295.4
37.5°	10096.5	9965.7	9499.7	9248.4	9117.6	8970.6	8631.0	7581.6	5883.9	2938.3	343.9
40°	10949.0	10847.6	10294.9	9831.9	9727.6	9602.6	9349.8	8372.3	6648.2	3557.1	402.7
42.5°	11420.8	11365.0	10868.2	10411.0	10165.6	10055.3	9839.3	9063.2	7403.7	4240.6	488.0
45°	11622.2	11535.5	11203.3	10990.2	10599.2	10416.9	10159.7	9585.0	8193.0	5016.6	607.1
47.5°	11560.5	11510.5	11272.4	11350.3	11066.6	10782.9	10405.2	9984.8	8867.7	5907.4	770.2
50°	11172.4	11129.8	11056.3	11478.2	11442.9	11107.8	10722.7	10300.8	9418.9	6826.0	1023.0
52.5°	10434.6	10416.9	10605.1	11378.2	11656.0	11394.4	11028.4	10580.1	9933.3	7785.9	1384.6
55°	9483.6	9555.6	10093.6	11222.4	11764.8	11606.0	11298.8	10841.7	10346.4	8644.3	1918.2
57.5°	9092.6	9111.7	9783.4	11112.2	11813.3	11792.7	11561.9	11091.6	10725.6	9330.7	2732.5
60°	9549.7	9520.3	9874.5	11196.0	11910.3	11960.3	11795.7	11323.8	11054.8	9920.1	3817.2
62.5°	10375.8	10359.6	10472.8	11553.1	12194.0	12295.4	12120.5	11491.4	11345.9	10308.2	5054.9
65°	11113.6	11079.8	11290.0	12186.6	12692.3	12764.3	12611.4	11778.0	11473.8	10590.4	6217.5
67.5°	11432.6	11425.2	11763.3	12789.3	13215.5	13293.4	13159.7	12173.4	11444.4	10680.0	6730.5
70°	11287.1	11259.2	11800.1	13045.0	13511.0	13599.2	13469.8	12320.4	11125.4	10396.3	5970.6
71°	11126.9	11051.9	11689.8	13027.4	13552.1	13627.1	13400.7	12186.6	10805.0	9993.6	5281.2
72.5°	10630.1	10643.3	11387.0	12843.7	13453.7	13431.6	13009.8	11707.5	10418.4	9079.3	4242.0
75°	9407.1	9485.0	10406.6	12072.0	12574.7	12293.9	11648.7	10791.7	9642.3	6510.0	2945.6
77.5°	7687.4	7803.5	8816.2	10587.4	10444.9	10416.9	10390.5	9508.5	8234.2	3496.8	2049.0
80°	3670.2	3921.6	5318.0	7558.0	8210.7	8526.7	8328.2	7662.4	6367.4	1665.4	1224.4
82.5°	239.6	236.6	335.1	635.0	2676.6	3460.1	5497.3	5476.7	4439.0	811.4	499.8
85°	113.2	116.1	127.9	145.5	169.0	185.2	255.8	1499.3	2124.0	386.6	108.8
87.5°	66.1	67.6	79.4	101.4	132.3	147.0	174.9	224.9	276.3	213.1	23.5
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: P1048513

CATALOG NUMBER: GALN-SA7A-827-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1	119.1
2.5°	120.5	119.1	114.6	110.2	105.8	102.9	101.4	102.9	102.9	104.4	104.4
5°	120.5	116.1	108.8	100.0	94.1	88.2	85.3	83.8	85.3	85.3	85.3
7.5°	119.1	111.7	101.4	91.1	83.8	76.4	73.5	72.0	72.0	73.5	73.5
10°	116.1	108.8	95.5	83.8	75.0	66.1	61.7	57.3	57.3	57.3	58.8
12.5°	114.6	104.4	88.2	76.4	64.7	54.4	45.6	41.2	42.6	42.6	42.6
15°	111.7	100.0	83.8	69.1	54.4	41.2	33.8	29.4	30.9	32.3	30.9
17.5°	111.7	98.5	77.9	60.3	42.6	30.9	25.0	22.0	22.0	23.5	23.5
20°	111.7	95.5	73.5	51.4	32.3	23.5	17.6	16.2	16.2	19.1	20.6
22.5°	114.6	95.5	67.6	42.6	26.5	17.6	13.2	11.8	13.2	16.2	17.6
25°	119.1	94.1	61.7	38.2	22.0	13.2	10.3	7.3	8.8	11.8	13.2
27.5°	123.5	92.6	55.9	33.8	17.6	10.3	7.3	5.9	4.4	5.9	5.9
30°	127.9	92.6	50.0	27.9	14.7	7.3	4.4	2.9	1.5	0.0	0.0
32.5°	130.8	89.7	45.6	22.0	11.8	5.9	2.9	1.5	0.0	0.0	0.0
35°	133.8	86.7	39.7	17.6	8.8	4.4	1.5	0.0	0.0	0.0	0.0
37.5°	136.7	82.3	33.8	14.7	7.3	2.9	0.0	0.0	0.0	0.0	0.0
40°	139.6	76.4	27.9	13.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	142.6	72.0	23.5	10.3	2.9	0.0	0.0	0.0	0.0	0.0	0.0
45°	149.9	69.1	19.1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	163.2	66.1	17.6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	182.3	63.2	16.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	208.7	61.7	14.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	255.8	60.3	13.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	336.6	58.8	13.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	515.9	55.9	13.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	921.6	54.4	11.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1606.6	55.9	11.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2303.3	58.8	10.3	4.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0
70°	1971.1	51.4	10.3	5.9	2.9	1.5	0.0	0.0	0.0	0.0	0.0
71°	1606.6	45.6	10.3	5.9	2.9	1.5	1.5	0.0	0.0	0.0	0.0
72.5°	1033.3	35.3	8.8	5.9	2.9	2.9	1.5	0.0	0.0	0.0	0.0
75°	436.5	29.4	8.8	5.9	4.4	2.9	2.9	1.5	0.0	0.0	0.0
77.5°	186.7	22.0	8.8	7.3	5.9	4.4	4.4	2.9	1.5	0.0	0.0
80°	70.6	17.6	10.3	8.8	7.3	7.3	5.9	2.9	1.5	0.0	0.0
82.5°	32.3	14.7	10.3	8.8	8.8	7.3	5.9	4.4	2.9	0.0	0.0
85°	20.6	13.2	10.3	8.8	8.8	7.3	7.3	4.4	2.9	0.0	0.0
87.5°	16.2	13.2	10.3	10.3	8.8	8.8	5.9	4.4	1.5	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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 $\text{W}^{\wedge}/\text{nm}$	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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE\ R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)