

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: P1048339

Luminaire Tested: **GALN-SA8C-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048339
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 40627.1 lumens
Efficiency: N/A
Efficacy: 108.9 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): 372.9
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

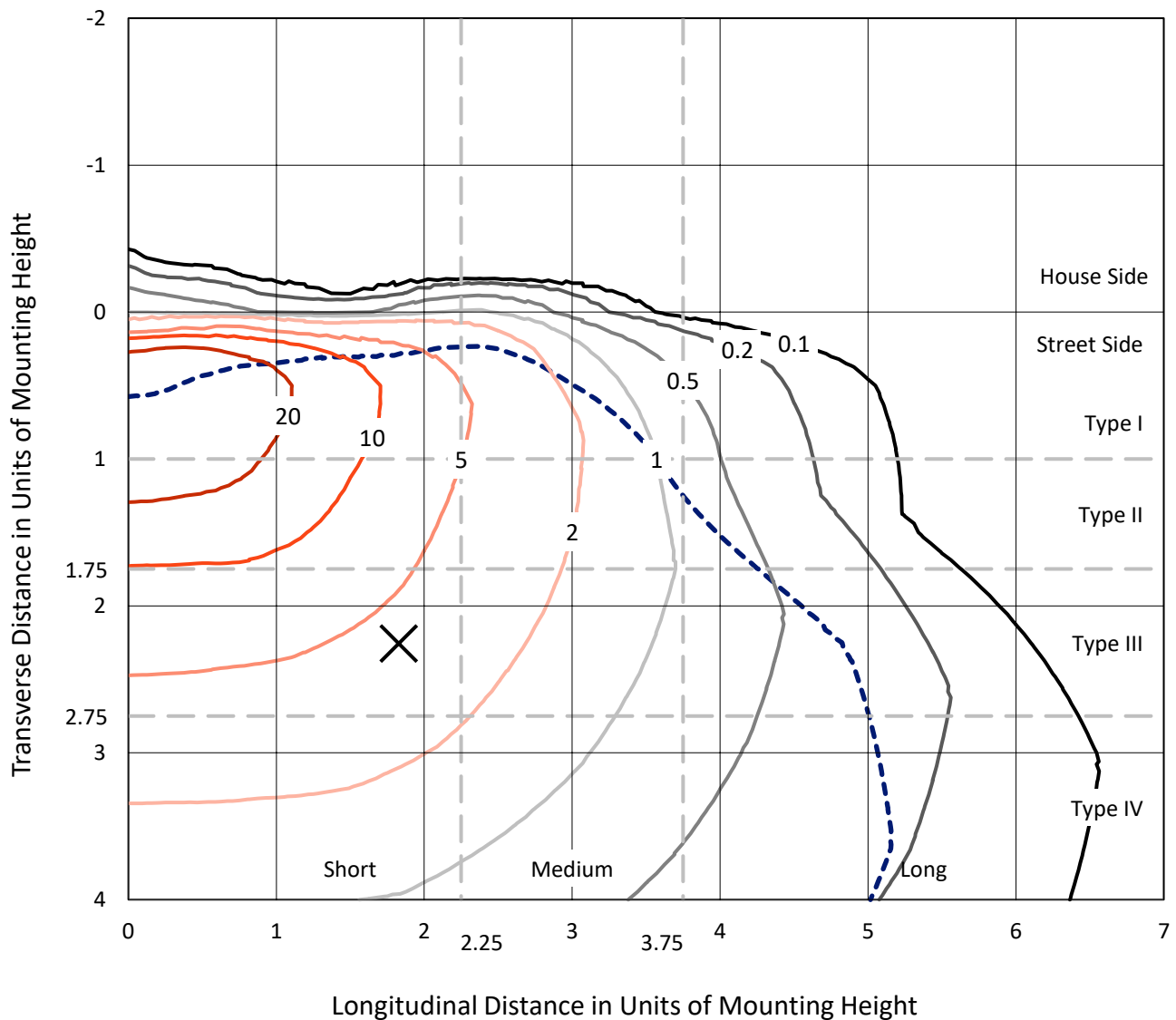


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

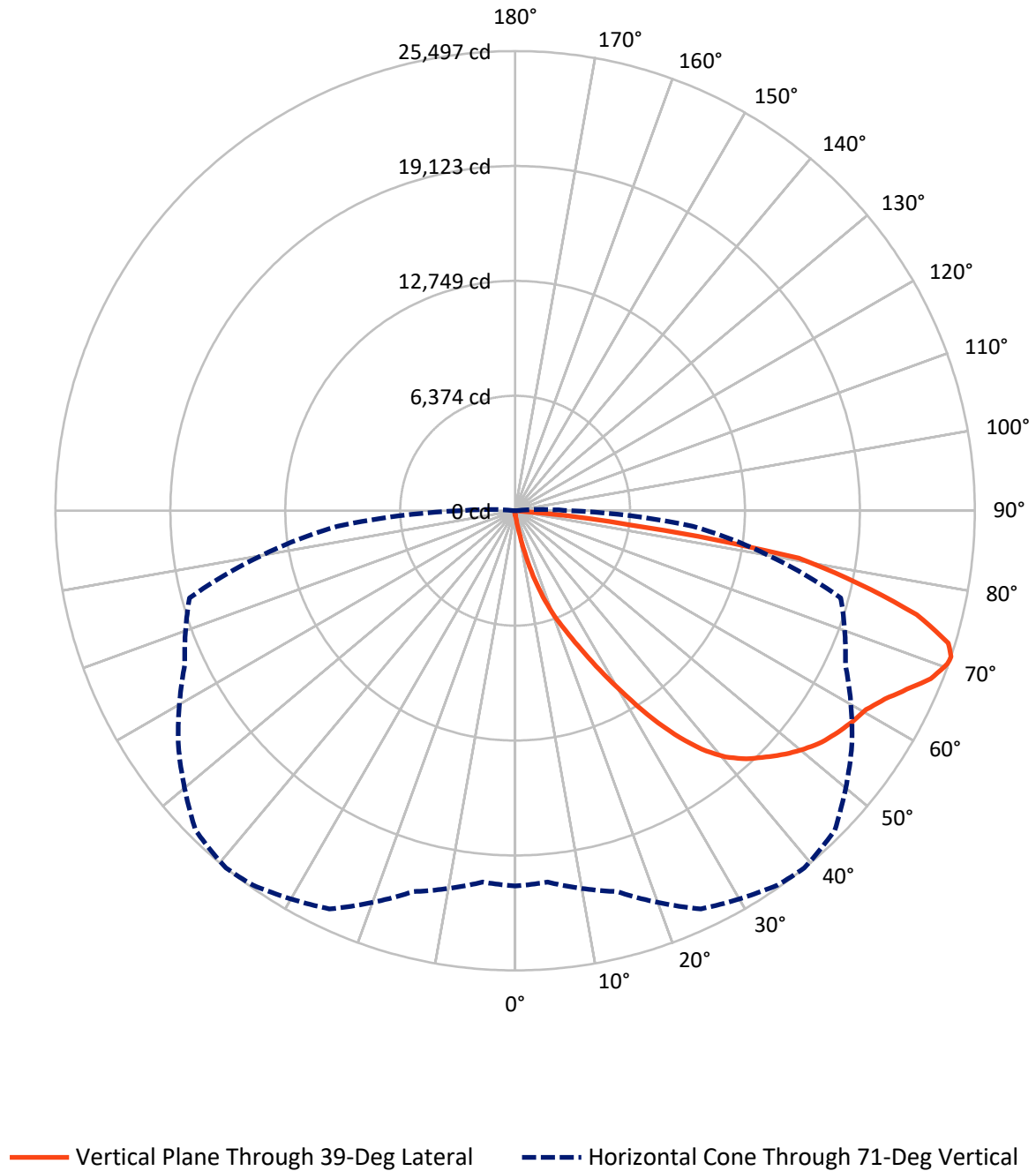


Based on 15 foot mounting height. Maximum calculated value = 41.8 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	144.4	0.0	144.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	40482.7	0.0	40482.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	40627.1	0.0	40627.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.9	0.1
10°-20°	434.2	1.1
20°-30°	1546.4	3.8
30°-40°	3726.9	9.2
40°-50°	6237.2	15.4
50°-60°	8011.0	19.7
60°-70°	10138.0	25.0
70°-80°	9038.4	22.2
80°-90°	1461.0	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°	40627.1	100.0
0°-180°	40627.1	100.0



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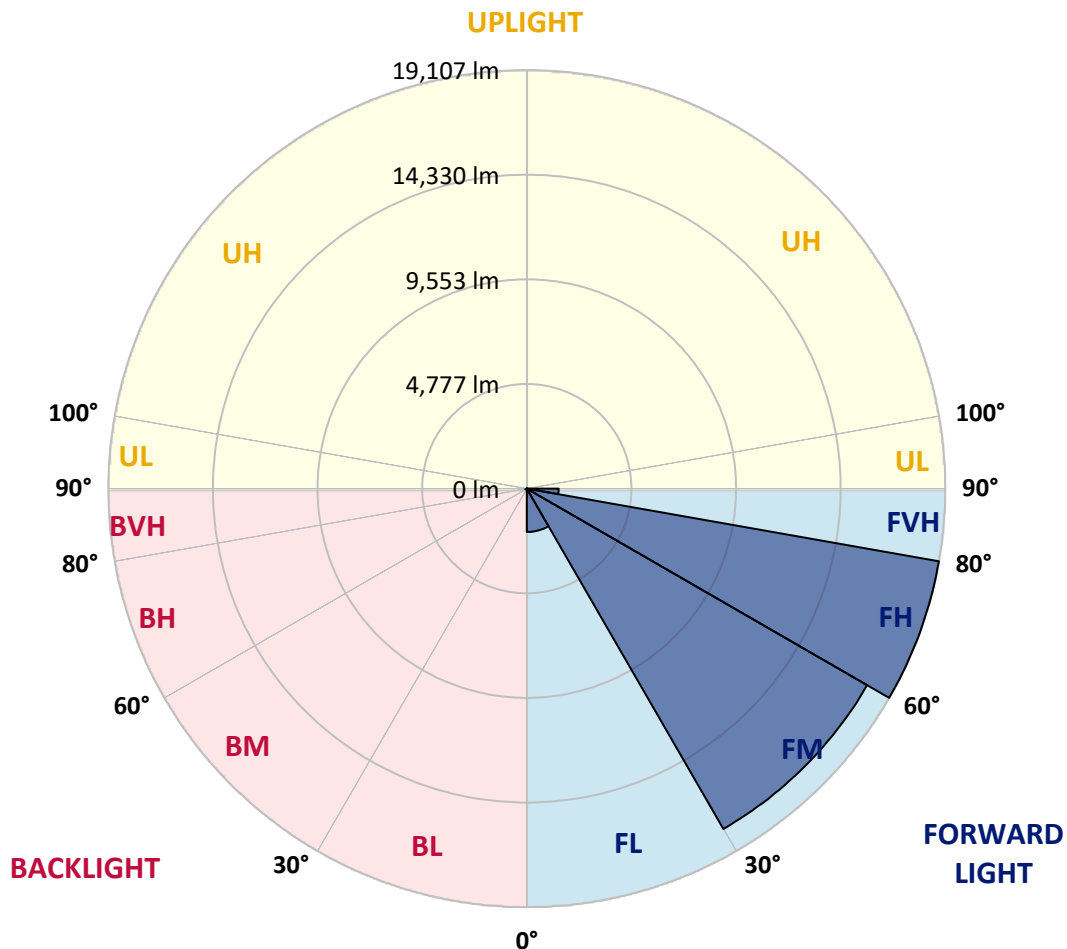
CATALOG NUMBER: GALN-SA8C-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1979.6	4.9			
FM	(30°-60°)	17941.7	44.2			
FH	(60°-80°)	19107.0	47.0			G5
FVH	(80°-90°)	1454.4	3.6			G5
BL	(0°-30°)	34.9	0.1	B0/110		
BM	(30°-60°)	33.4	0.1	B0/220		
BH	(60°-80°)	69.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.6	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-SA8C-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8
2.5°	255.8	255.8	255.8	247.5	247.5	244.8	242.0	242.0	236.5	233.8	228.3
5°	387.8	379.5	360.3	349.3	327.3	313.5	299.8	280.5	261.3	247.5	231.0
7.5°	877.3	896.6	833.3	715.1	594.1	541.8	453.8	365.8	302.5	261.3	233.8
10°	2235.9	2224.9	2010.4	1773.9	1369.6	1207.4	946.1	596.8	390.5	286.0	236.5
12.5°	3803.6	3792.6	3539.6	3217.8	2684.2	2346.0	1850.9	1113.8	561.0	324.5	236.5
15°	5120.9	5076.9	4997.2	4678.2	4053.8	3770.6	3116.0	1969.2	907.6	390.5	242.0
17.5°	5992.8	5954.3	5880.0	5764.5	5368.5	5032.9	4507.6	3094.0	1468.6	506.0	253.0
20°	6793.1	6765.6	6705.1	6683.1	6427.3	6248.5	5814.0	4386.6	2288.2	687.6	269.5
22.5°	7893.2	7835.4	7860.2	7728.2	7477.9	7263.4	6996.6	5739.7	3289.3	990.1	299.8
25°	9240.8	9213.3	9144.5	9051.0	8704.5	8517.5	8107.7	7015.9	4408.6	1386.1	332.8
27.5°	10868.9	10838.7	10822.2	10607.7	10208.9	10005.4	9433.3	8220.5	5668.2	1941.7	376.8
30°	12744.6	12758.3	12651.1	12376.1	11911.3	11625.2	11036.7	9482.8	6958.1	2593.5	423.5
32.5°	14686.3	14658.8	14493.7	14169.2	13753.9	13487.2	12739.1	10866.2	8311.2	3454.3	478.5
35°	16779.2	16726.9	16292.4	15921.1	15566.3	15230.8	14548.7	12472.3	9664.3	4419.6	552.8
37.5°	18891.4	18646.6	17774.8	17304.5	17059.7	16784.7	16149.4	14185.7	11009.2	5497.7	643.6
40°	20486.5	20296.7	19262.7	18396.3	18201.1	17967.3	17494.3	15665.3	12439.3	6655.6	753.6
42.5°	21369.3	21264.8	20335.2	19479.9	19020.6	18814.4	18410.1	16958.0	13852.9	7934.4	913.1
45°	21746.1	21583.9	20962.3	20563.5	19832.0	19490.9	19009.6	17934.3	15329.8	9386.6	1135.8
47.5°	21630.6	21537.1	21091.6	21237.3	20706.5	20175.7	19468.9	18682.4	16592.2	11053.2	1441.1
50°	20904.5	20824.8	20687.3	21476.6	21410.6	20783.5	20063.0	19273.7	17623.5	12772.1	1914.2
52.5°	19523.9	19490.9	19843.0	21289.6	21809.4	21319.8	20635.0	19796.2	18586.1	14568.0	2590.7
55°	17744.5	17879.3	18885.9	20998.1	22012.9	21715.9	21141.1	20285.7	19358.9	16174.1	3589.1
57.5°	17013.0	17048.7	18305.6	20791.8	22103.6	22065.1	21633.4	20753.3	20068.5	17458.5	5112.7
60°	17868.3	17813.3	18476.1	20948.5	22285.2	22378.7	22070.6	21187.8	20684.5	18561.3	7142.4
62.5°	19413.9	19383.7	19595.4	21616.9	22816.0	23005.7	22678.4	21501.3	21229.1	19287.4	9458.1
65°	20794.5	20731.3	21124.6	22802.2	23748.3	23883.1	23597.0	22037.6	21468.3	19815.5	11633.5
67.5°	21391.3	21377.6	22010.1	23929.8	24727.4	24873.1	24622.9	22777.5	21413.3	19983.2	12593.3
70°	21119.1	21066.8	22078.9	24408.3	25280.2	25445.2	25203.2	23052.5	20816.5	19452.4	11171.5
71°	20819.3	20679.0	21872.6	24375.3	25357.2	25497.4	25073.9	22802.2	20217.0	18698.9	9881.6
72.5°	19889.7	19914.5	21306.1	24031.6	25172.9	25131.7	24342.3	21905.6	19493.7	16988.2	7937.2
75°	17601.5	17747.3	19471.7	22587.7	23528.3	23003.0	21795.6	20192.2	18041.5	12180.8	5511.5
77.5°	14383.7	14601.0	16495.9	19810.0	19543.2	19490.9	19441.4	17791.3	15406.8	6542.8	3833.8
80°	6867.3	7337.6	9950.4	14141.7	15362.8	15954.1	15582.8	14337.0	11914.0	3116.0	2290.9
82.5°	448.3	442.8	627.1	1188.1	5008.2	6474.1	10285.9	10247.4	8305.7	1518.1	935.1
85°	211.8	217.3	239.3	272.3	316.3	346.5	478.5	2805.2	3974.1	723.3	203.5
87.5°	123.8	126.5	148.5	189.8	247.5	275.0	327.3	420.8	517.0	398.8	44.0
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-SA8C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8	222.8
2.5°	225.5	222.8	214.5	206.3	198.0	192.5	189.8	192.5	192.5	195.3	195.3
5°	225.5	217.3	203.5	187.0	176.0	165.0	159.5	156.8	159.5	159.5	159.5
7.5°	222.8	209.0	189.8	170.5	156.8	143.0	137.5	134.8	134.8	137.5	137.5
10°	217.3	203.5	178.8	156.8	140.3	123.8	115.5	107.3	107.3	107.3	110.0
12.5°	214.5	195.3	165.0	143.0	121.0	101.8	85.3	77.0	79.8	79.8	79.8
15°	209.0	187.0	156.8	129.3	101.8	77.0	63.3	55.0	57.8	60.5	57.8
17.5°	209.0	184.3	145.8	112.8	79.8	57.8	46.8	41.3	41.3	44.0	44.0
20°	209.0	178.8	137.5	96.3	60.5	44.0	33.0	30.3	30.3	35.8	38.5
22.5°	214.5	178.8	126.5	79.8	49.5	33.0	24.8	22.0	24.8	30.3	33.0
25°	222.8	176.0	115.5	71.5	41.3	24.8	19.3	13.8	16.5	22.0	24.8
27.5°	231.0	173.3	104.5	63.3	33.0	19.3	13.8	11.0	8.3	11.0	11.0
30°	239.3	173.3	93.5	52.3	27.5	13.8	8.3	5.5	2.8	0.0	0.0
32.5°	244.8	167.8	85.3	41.3	22.0	11.0	5.5	2.8	0.0	0.0	0.0
35°	250.3	162.3	74.3	33.0	16.5	8.3	2.8	0.0	0.0	0.0	0.0
37.5°	255.8	154.0	63.3	27.5	13.8	5.5	0.0	0.0	0.0	0.0	0.0
40°	261.3	143.0	52.3	24.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	266.8	134.8	44.0	19.3	5.5	0.0	0.0	0.0	0.0	0.0	0.0
45°	280.5	129.3	35.8	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	305.3	123.8	33.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	341.0	118.3	30.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	390.5	115.5	27.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	478.5	112.8	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	629.8	110.0	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	965.3	104.5	24.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1724.4	101.8	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	3006.0	104.5	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4309.6	110.0	19.3	8.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0
70°	3688.1	96.3	19.3	11.0	5.5	2.8	0.0	0.0	0.0	0.0	0.0
71°	3006.0	85.3	19.3	11.0	5.5	2.8	2.8	0.0	0.0	0.0	0.0
72.5°	1933.4	66.0	16.5	11.0	5.5	5.5	2.8	0.0	0.0	0.0	0.0
75°	816.8	55.0	16.5	11.0	8.3	5.5	5.5	2.8	0.0	0.0	0.0
77.5°	349.3	41.3	16.5	13.8	11.0	8.3	8.3	5.5	2.8	0.0	0.0
80°	132.0	33.0	19.3	16.5	13.8	13.8	11.0	5.5	2.8	0.0	0.0
82.5°	60.5	27.5	19.3	16.5	16.5	13.8	11.0	8.3	5.5	0.0	0.0
85°	38.5	24.8	19.3	16.5	16.5	13.8	13.8	8.3	5.5	0.0	0.0
87.5°	30.3	24.8	19.3	19.3	16.5	16.5	11.0	8.3	2.8	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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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 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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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)