

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: P1047090

Luminaire Tested: **GALN-SA2B-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047090
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8723.5 lumens
Efficiency: N/A
Efficacy: 119.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

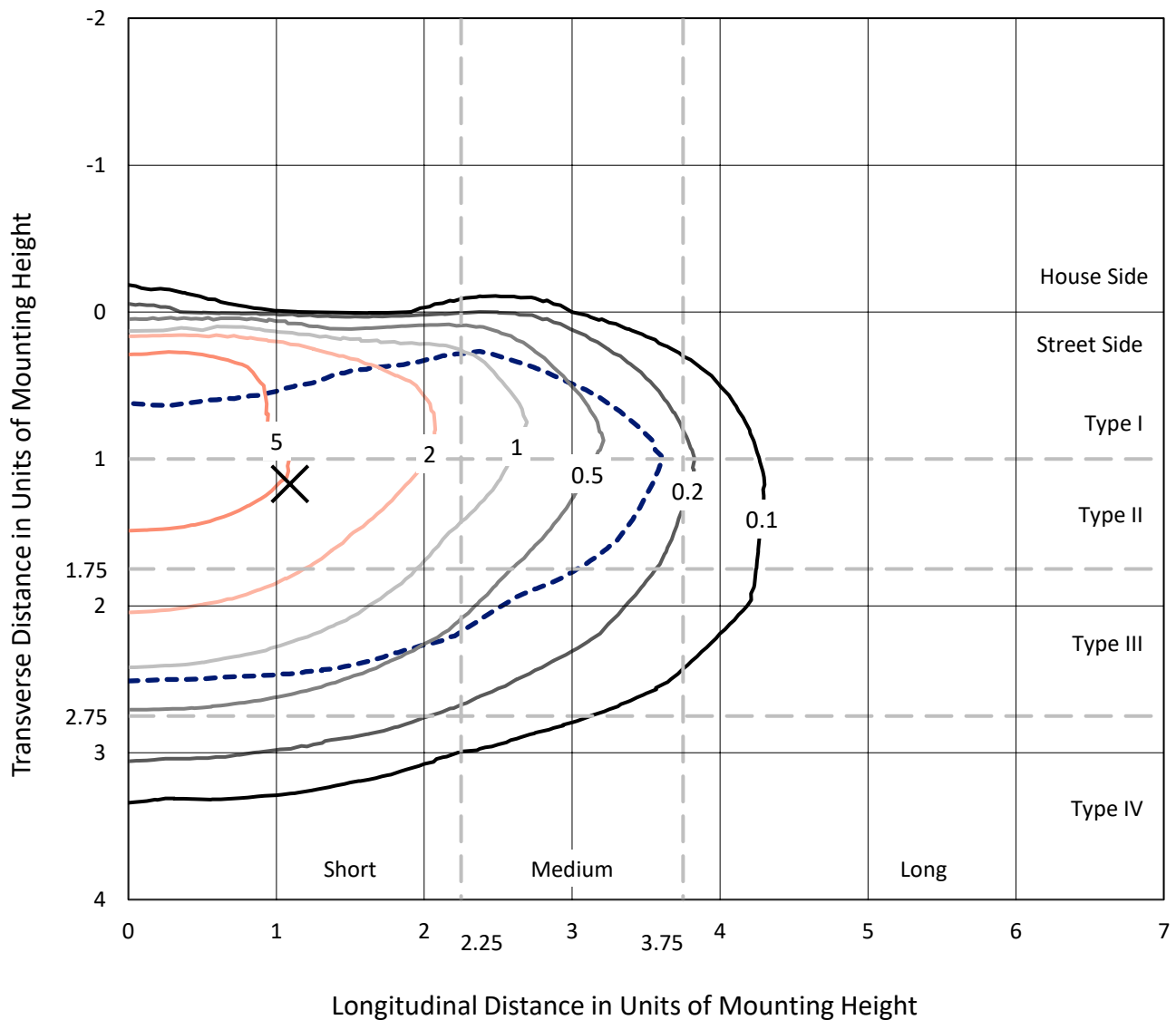


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

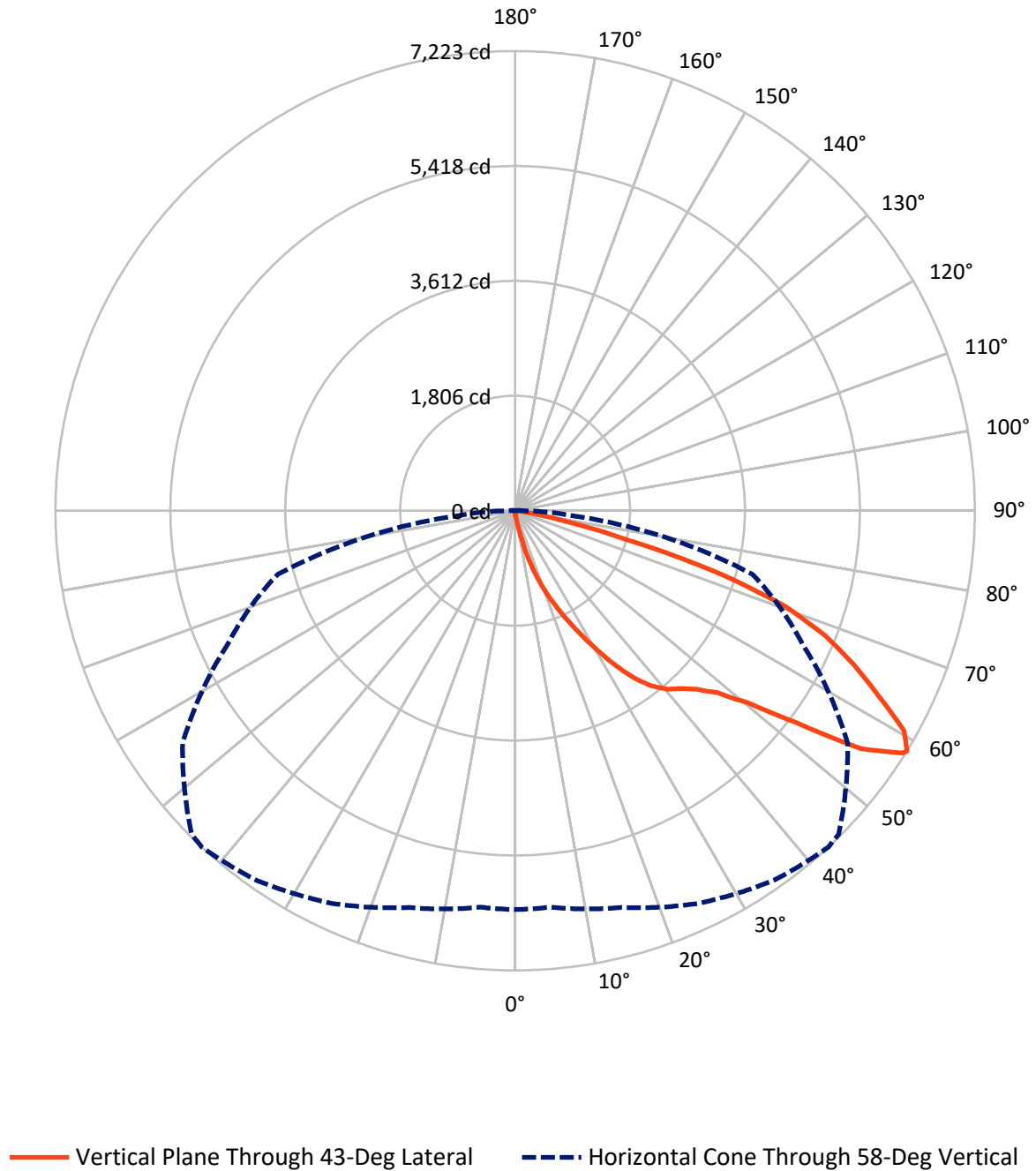


Based on 15 foot mounting height. Maximum calculated value = 9.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GALN-SA2B-727-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.9	0.0	31.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8691.7	0.0	8691.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	8723.5	0.0	8723.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	0.1
10°-20°	100.3	1.1
20°-30°	361.4	4.1
30°-40°	826.9	9.5
40°-50°	1394.7	16.0
50°-60°	2301.6	26.4
60°-70°	2572.4	29.5
70°-80°	1062.1	12.2
80°-90°	95.7	1.1
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°	8723.5	100.0
0°-180°	8723.5	100.0



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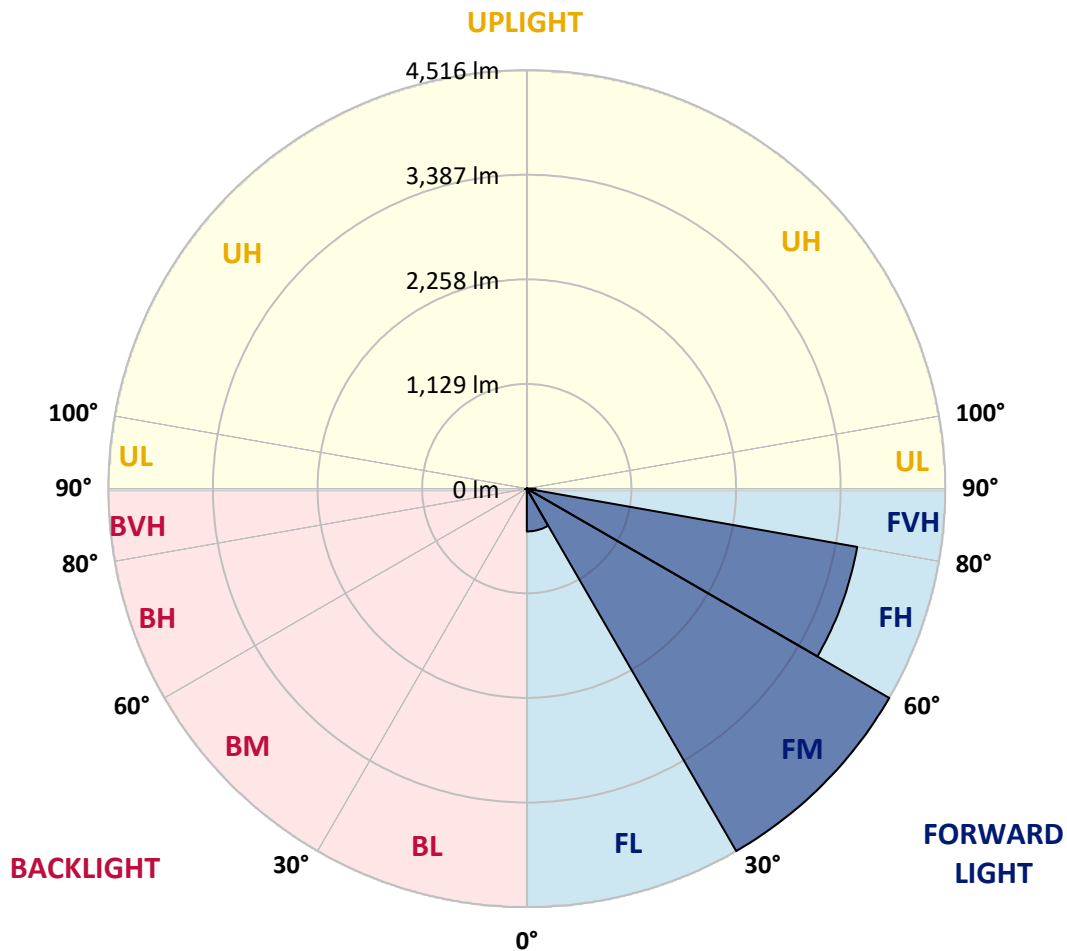
CATALOG NUMBER: GALN-SA2B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	461.8	5.3			
FM	(30°-60°)	4515.6	51.8			
FH	(60°-80°)	3619.9	41.5			G2/5000
FVH	(80°-90°)	94.4	1.1			G1/100
BL	(0°-30°)	8.3	0.1	B0/110		
BM	(30°-60°)	7.6	0.1	B0/220		
BH	(60°-80°)	14.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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 III Short





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CATALOG NUMBER: GALN-SA2B-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
2.5°	68.4	70.7	68.4	68.4	68.4	66.2	66.2	63.9	63.9	61.6	59.3
5°	100.4	100.4	93.5	89.0	84.4	82.1	79.9	75.3	70.7	66.2	61.6
7.5°	223.6	223.6	203.1	175.7	139.2	118.6	114.1	93.5	79.9	70.7	61.6
10°	533.9	533.9	488.3	413.0	319.4	237.3	212.2	134.6	95.8	75.3	63.9
12.5°	887.5	898.9	841.9	746.1	606.9	463.2	413.0	246.4	127.8	82.1	63.9
15°	1204.7	1177.3	1161.3	1070.1	937.7	766.6	702.7	415.2	184.8	93.5	63.9
17.5°	1419.1	1419.1	1396.3	1334.7	1213.8	1063.2	1010.7	670.8	298.9	107.2	66.2
20°	1670.1	1670.1	1629.0	1585.7	1478.5	1350.7	1300.5	953.7	463.2	136.9	66.2
22.5°	1973.6	1978.1	1932.5	1854.9	1752.2	1610.8	1567.4	1216.1	670.8	182.5	68.4
25°	2343.2	2347.7	2281.6	2208.6	2051.1	1898.3	1832.1	1517.2	924.0	255.5	68.4
27.5°	2751.6	2783.5	2685.4	2559.9	2393.4	2201.7	2151.5	1788.7	1175.0	360.5	73.0
30°	3260.4	3260.4	3130.3	2954.6	2774.4	2537.1	2473.2	2073.9	1442.0	499.7	77.6
32.5°	3698.4	3664.2	3497.6	3312.8	3121.2	2899.9	2831.4	2372.8	1715.7	673.1	86.7
35°	4033.8	4004.1	3798.8	3600.3	3433.8	3230.7	3148.6	2696.8	2005.5	869.3	100.4
37.5°	4321.3	4309.9	4031.5	3782.8	3673.3	3495.4	3422.4	3002.5	2290.7	1081.5	116.4
40°	4636.1	4599.6	4303.0	3995.0	3830.8	3687.0	3620.8	3249.0	2564.5	1330.2	139.2
42.5°	4905.4	4862.0	4595.1	4293.9	4013.3	3819.3	3755.5	3456.6	2831.4	1578.8	168.8
45°	5204.3	5181.4	4912.2	4684.1	4309.9	3999.6	3915.2	3623.1	3075.6	1875.4	207.6
47.5°	5653.7	5612.7	5361.7	5174.6	4741.1	4273.4	4152.5	3794.2	3310.6	2167.5	266.9
50°	6176.2	6148.8	6000.5	5852.2	5421.0	4741.1	4597.4	4040.7	3572.9	2514.3	344.5
52.5°	6602.9	6598.3	6616.5	6618.8	6292.6	5528.2	5313.8	4437.6	3874.1	2856.5	454.0
55°	6593.7	6614.3	6815.0	7045.5	7070.6	6602.9	6395.2	5106.1	4266.5	3278.6	606.9
57.5°	6347.3	6331.3	6543.5	6890.3	7134.5	7184.7	7150.4	6144.3	4857.5	3787.4	841.9
58°	6267.5	6253.8	6454.6	6808.2	7088.8	7223.4	7189.2	6379.3	4989.8	3860.4	905.8
60°	5977.7	5980.0	6098.6	6420.3	6701.0	7020.4	7052.3	7050.0	5649.2	4348.7	1227.5
62.5°	5594.4	5576.1	5685.7	5948.0	6194.5	6408.9	6463.7	7095.7	6614.3	4969.3	1841.2
65°	5065.1	5037.7	5154.1	5450.7	5715.3	5854.5	5856.8	6484.2	7068.3	5635.5	2717.3
67.5°	4081.7	4058.9	4291.6	4672.6	5081.0	5263.6	5345.7	5626.3	6685.0	6087.2	3219.3
70°	2500.6	2548.5	2872.5	3470.3	4168.4	4503.8	4627.0	4713.7	5692.5	6018.8	2692.2
72.5°	1154.5	1097.4	1373.5	1791.0	2587.3	3333.4	3461.1	3801.1	4512.9	5224.8	2007.8
75°	538.4	517.9	581.8	782.6	1172.7	1800.2	2032.9	3034.5	3461.1	3634.5	1448.8
77.5°	276.1	278.4	330.8	355.9	483.7	832.8	956.0	1996.4	2537.1	2028.3	971.9
80°	120.9	125.5	127.8	139.2	196.2	321.7	362.8	926.3	1734.0	1033.5	531.6
82.5°	77.6	79.9	79.9	79.9	93.5	127.8	146.0	371.9	864.7	513.4	164.3
85°	41.1	41.1	45.6	57.0	66.2	77.6	82.1	118.6	285.2	152.9	38.8
87.5°	22.8	25.1	27.4	34.2	43.3	52.5	57.0	82.1	109.5	105.0	9.1
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-SA2B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
2.5°	59.3	57.0	54.8	52.5	50.2	47.9	47.9	47.9	47.9	47.9	47.9
5°	57.0	54.8	52.5	47.9	43.3	41.1	38.8	36.5	36.5	36.5	36.5
7.5°	57.0	54.8	47.9	43.3	38.8	34.2	29.7	29.7	29.7	29.7	29.7
10°	57.0	52.5	45.6	38.8	31.9	27.4	25.1	22.8	22.8	22.8	22.8
12.5°	57.0	50.2	43.3	34.2	27.4	22.8	20.5	18.3	18.3	18.3	18.3
15°	57.0	50.2	41.1	31.9	25.1	18.3	16.0	13.7	13.7	13.7	13.7
17.5°	54.8	47.9	38.8	27.4	20.5	13.7	11.4	9.1	9.1	11.4	11.4
20°	52.5	45.6	34.2	22.8	16.0	11.4	6.8	6.8	6.8	6.8	6.8
22.5°	52.5	45.6	31.9	20.5	13.7	6.8	4.6	4.6	4.6	4.6	6.8
25°	52.5	43.3	27.4	16.0	9.1	4.6	2.3	2.3	2.3	2.3	2.3
27.5°	52.5	43.3	25.1	13.7	6.8	4.6	2.3	0.0	0.0	0.0	0.0
30°	50.2	41.1	22.8	11.4	4.6	2.3	0.0	0.0	0.0	0.0	0.0
32.5°	50.2	38.8	18.3	9.1	4.6	2.3	0.0	0.0	0.0	0.0	0.0
35°	52.5	36.5	16.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	54.8	34.2	13.7	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	57.0	31.9	13.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	61.6	31.9	11.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	66.2	31.9	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	75.3	34.2	9.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	82.1	36.5	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	91.3	34.2	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	102.7	34.2	6.8	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	111.8	31.9	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	116.4	29.7	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	139.2	27.4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	216.7	22.8	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	440.3	20.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	821.4	18.3	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	919.5	20.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	579.5	16.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	305.7	16.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	152.9	16.0	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	70.7	11.4	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	29.7	6.8	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	13.7	6.8	4.6	4.6	2.3	2.3	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	6.8	6.8	4.6	4.6	2.3	2.3	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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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 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)