

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: P1048335

Luminaire Tested: **GALN-SA7C-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048335
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35613.4 lumens
Efficiency: N/A
Efficacy: 107.9 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): 330
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

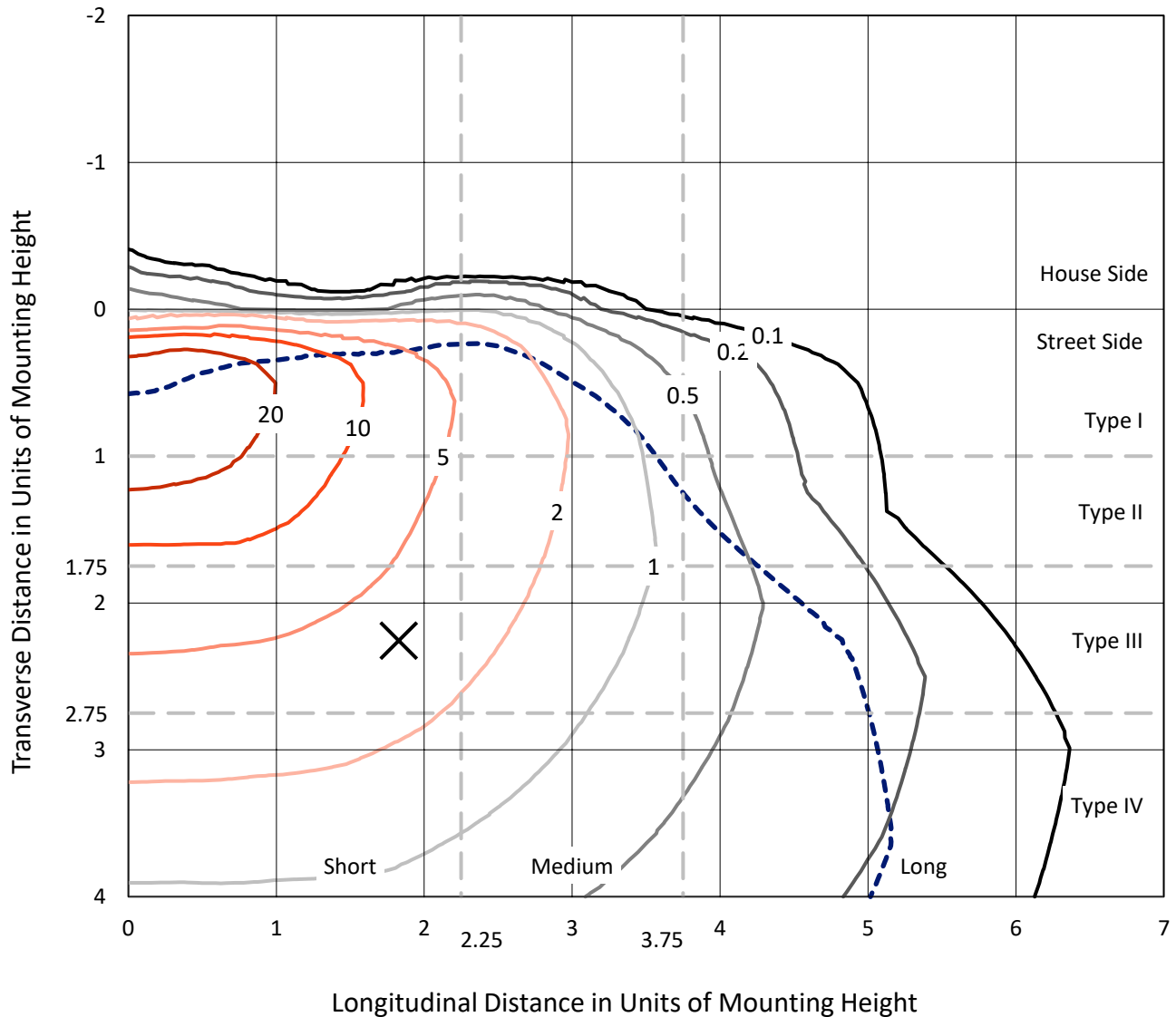


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

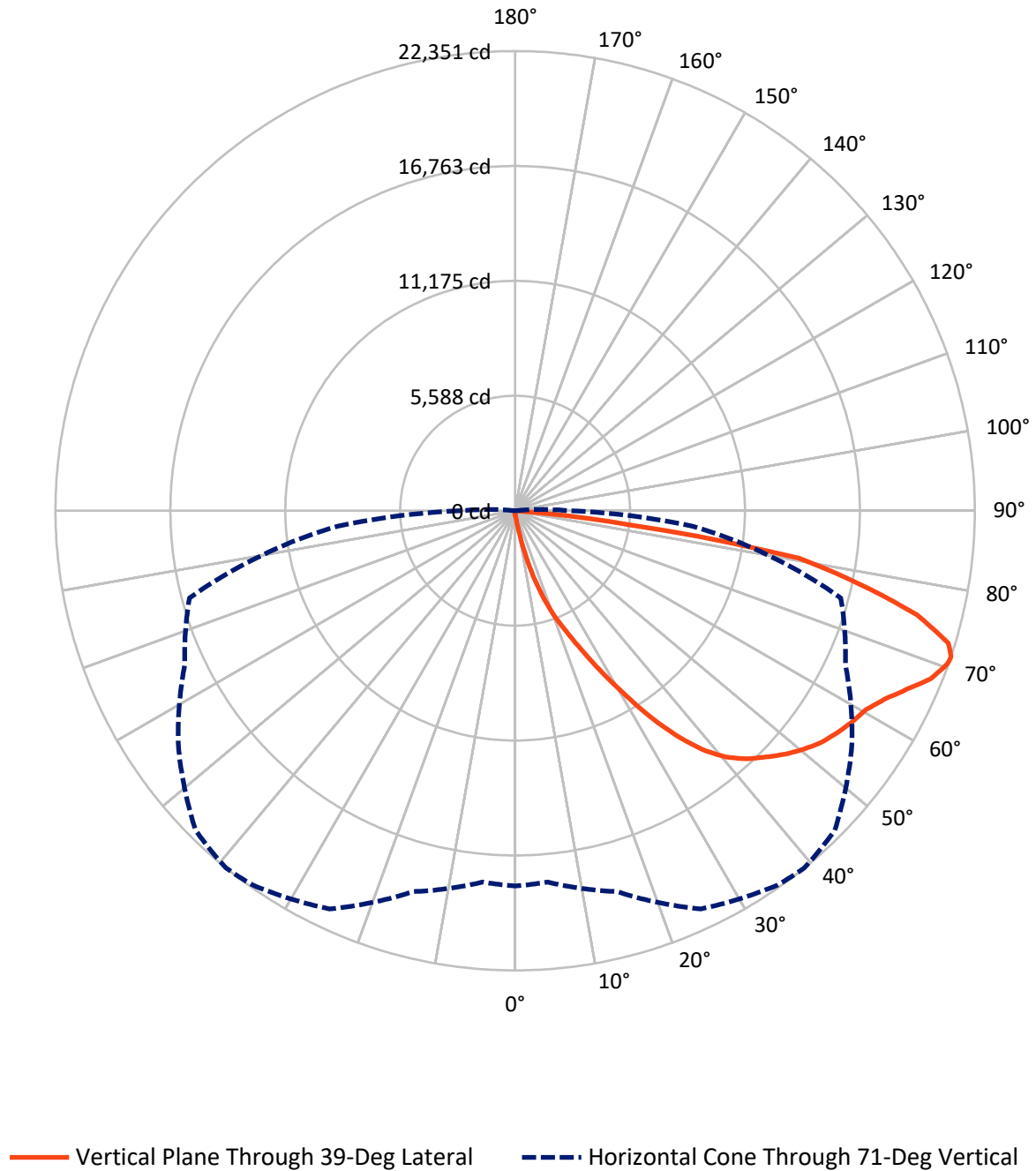


Based on 15 foot mounting height. Maximum calculated value = 36.6 fc
Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	126.5	0.0	126.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35486.8	0.0	35486.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	35613.4	0.0	35613.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.8	0.1
10°-20°	380.6	1.1
20°-30°	1355.5	3.8
30°-40°	3267.0	9.2
40°-50°	5467.5	15.4
50°-60°	7022.4	19.7
60°-70°	8886.9	25.0
70°-80°	7923.0	22.2
80°-90°	1280.7	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°	35613.4	100.0
0°-180°	35613.4	100.0



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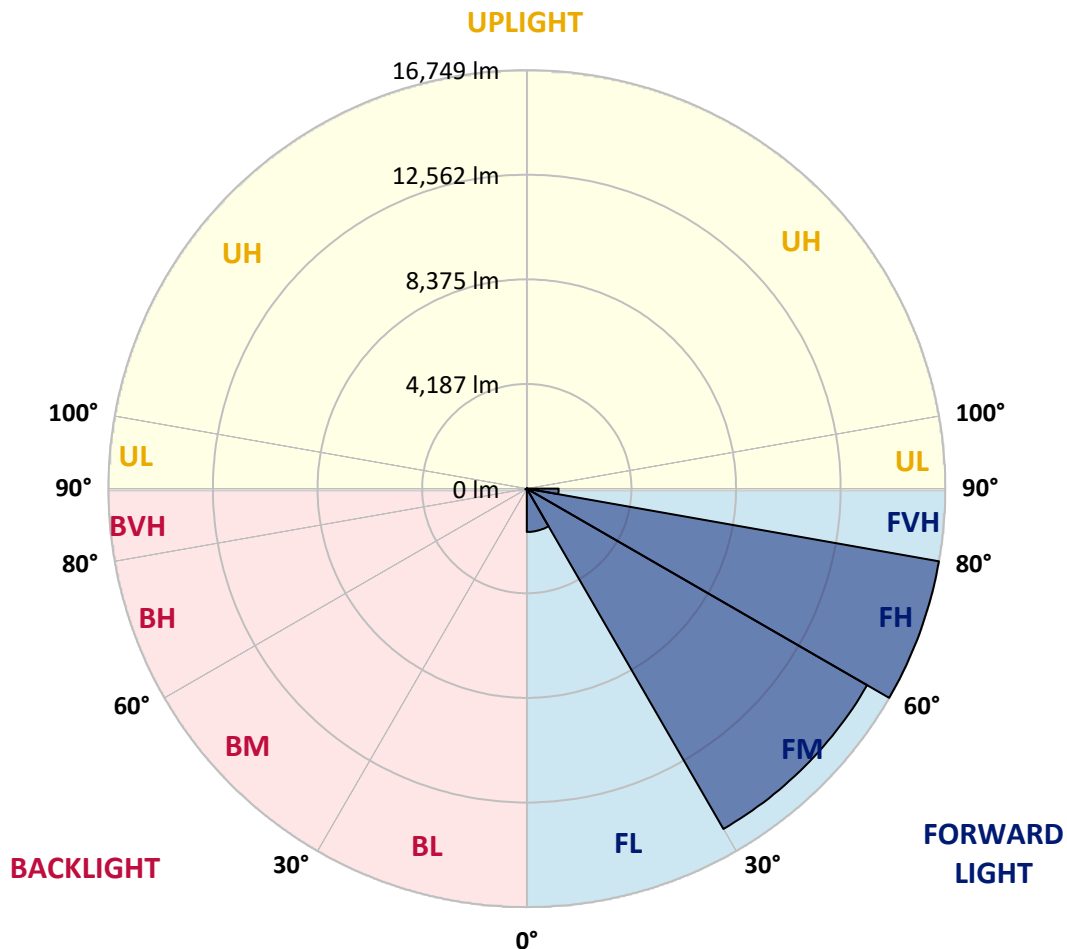
CATALOG NUMBER: GALN-SA7C-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1735.3	4.9			
FM	(30°-60°)	15727.6	44.2			
FH	(60°-80°)	16749.0	47.0			G5
FVH	(80°-90°)	1274.9	3.6			G5
BL	(0°-30°)	30.6	0.1	B0/110		
BM	(30°-60°)	29.3	0.1	B0/220		
BH	(60°-80°)	60.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.8	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3
2.5°	224.2	224.2	224.2	217.0	217.0	214.6	212.2	212.2	207.3	204.9	200.1
5°	339.9	332.7	315.8	306.2	286.9	274.8	262.8	245.9	229.0	217.0	202.5
7.5°	769.1	785.9	730.5	626.8	520.7	474.9	397.8	320.6	265.2	229.0	204.9
10°	1960.0	1950.4	1762.3	1555.0	1200.6	1058.4	829.3	523.2	342.3	250.7	207.3
12.5°	3334.2	3324.5	3102.7	2820.7	2353.0	2056.4	1622.5	976.4	491.8	284.5	207.3
15°	4489.0	4450.4	4380.5	4100.8	3553.6	3305.3	2731.5	1726.2	795.6	342.3	212.2
17.5°	5253.2	5219.5	5154.4	5053.1	4706.0	4411.8	3951.4	2712.2	1287.4	443.6	221.8
20°	5954.8	5930.7	5877.6	5858.3	5634.1	5477.4	5096.5	3845.3	2005.8	602.7	236.3
22.5°	6919.1	6868.5	6890.2	6774.5	6555.1	6367.0	6133.2	5031.4	2883.4	867.9	262.8
25°	8100.4	8076.3	8016.0	7934.1	7630.3	7466.4	7107.1	6150.0	3864.6	1215.1	291.7
27.5°	9527.6	9501.1	9486.6	9298.6	8949.0	8770.6	8269.2	7206.0	4968.7	1702.1	330.3
30°	11171.8	11183.9	11089.8	10848.8	10441.3	10190.6	9674.7	8312.6	6099.4	2273.4	371.3
32.5°	12873.9	12849.8	12705.1	12420.6	12056.6	11822.7	11167.0	9525.2	7285.5	3028.0	419.5
35°	14708.5	14662.7	14281.8	13956.3	13645.3	13351.2	12753.3	10933.1	8471.7	3874.2	484.6
37.5°	16560.0	16345.5	15581.2	15169.0	14954.4	14713.3	14156.4	12435.1	9650.6	4819.3	564.1
40°	17958.3	17792.0	16885.5	16126.1	15954.9	15750.0	15335.3	13732.1	10904.2	5834.2	660.6
42.5°	18732.2	18640.6	17825.7	17076.0	16673.3	16492.5	16138.1	14865.2	12143.4	6955.3	800.4
45°	19062.5	18920.2	18375.4	18025.8	17384.5	17085.6	16663.7	15721.1	13438.0	8228.2	995.7
47.5°	18961.2	18879.3	18488.7	18616.5	18151.2	17685.9	17066.3	16376.8	14544.6	9689.2	1263.3
50°	18324.8	18254.9	18134.3	18826.2	18768.4	18218.7	17587.1	16895.1	15448.6	11195.9	1677.9
52.5°	17114.5	17085.6	17394.2	18662.3	19117.9	18688.8	18088.5	17353.2	16292.4	12770.2	2271.0
55°	15554.7	15672.8	16555.2	18406.7	19296.3	19036.0	18532.1	17782.3	16969.9	14178.1	3146.1
57.5°	14913.4	14944.8	16046.5	18225.9	19375.9	19342.1	18963.6	18192.2	17591.9	15304.0	4481.7
60°	15663.2	15615.0	16196.0	18363.3	19535.0	19617.0	19347.0	18573.1	18131.9	16270.7	6260.9
62.5°	17018.1	16991.6	17177.2	18949.2	20000.3	20166.6	19879.8	18847.9	18609.2	16907.2	8290.9
65°	18228.3	18172.9	18517.6	19988.2	20817.6	20935.7	20685.0	19318.0	18819.0	17370.1	10197.8
67.5°	18751.5	18739.4	19293.9	20976.7	21675.8	21803.6	21584.2	19966.5	18770.8	17517.1	11039.2
70°	18512.8	18467.0	19354.2	21396.2	22160.4	22305.1	22092.9	20207.6	18247.6	17051.8	9792.8
71°	18250.0	18127.1	19173.4	21367.2	22227.9	22350.9	21979.6	19988.2	17722.1	16391.3	8662.1
72.5°	17435.2	17456.9	18676.8	21065.9	22066.4	22030.2	21338.3	19202.3	17088.0	14891.7	6957.7
75°	15429.4	15557.1	17068.7	19800.2	20624.7	20164.2	19105.9	17700.4	15815.1	10677.6	4831.3
77.5°	12608.7	12799.1	14460.2	17365.3	17131.4	17085.6	17042.2	15595.7	13505.5	5735.4	3360.7
80°	6019.9	6432.1	8722.4	12396.5	13466.9	13985.3	13659.8	12567.7	10443.7	2731.5	2008.2
82.5°	393.0	388.1	549.7	1041.5	4390.1	5675.1	9016.5	8982.8	7280.7	1330.8	819.7
85°	185.6	190.5	209.7	238.7	277.2	303.8	419.5	2459.1	3483.7	634.1	178.4
87.5°	108.5	110.9	130.2	166.3	217.0	241.1	286.9	368.9	453.2	349.6	38.6
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3	195.3
2.5°	197.7	195.3	188.0	180.8	173.6	168.8	166.3	168.8	168.8	171.2	171.2
5°	197.7	190.5	178.4	163.9	154.3	144.7	139.8	137.4	139.8	139.8	139.8
7.5°	195.3	183.2	166.3	149.5	137.4	125.4	120.5	118.1	118.1	120.5	120.5
10°	190.5	178.4	156.7	137.4	123.0	108.5	101.3	94.0	94.0	94.0	96.4
12.5°	188.0	171.2	144.7	125.4	106.1	89.2	74.7	67.5	69.9	69.9	69.9
15°	183.2	163.9	137.4	113.3	89.2	67.5	55.4	48.2	50.6	53.0	50.6
17.5°	183.2	161.5	127.8	98.8	69.9	50.6	41.0	36.2	36.2	38.6	38.6
20°	183.2	156.7	120.5	84.4	53.0	38.6	28.9	26.5	26.5	31.3	33.8
22.5°	188.0	156.7	110.9	69.9	43.4	28.9	21.7	19.3	21.7	26.5	28.9
25°	195.3	154.3	101.3	62.7	36.2	21.7	16.9	12.1	14.5	19.3	21.7
27.5°	202.5	151.9	91.6	55.4	28.9	16.9	12.1	9.6	7.2	9.6	9.6
30°	209.7	151.9	82.0	45.8	24.1	12.1	7.2	4.8	2.4	0.0	0.0
32.5°	214.6	147.1	74.7	36.2	19.3	9.6	4.8	2.4	0.0	0.0	0.0
35°	219.4	142.2	65.1	28.9	14.5	7.2	2.4	0.0	0.0	0.0	0.0
37.5°	224.2	135.0	55.4	24.1	12.1	4.8	0.0	0.0	0.0	0.0	0.0
40°	229.0	125.4	45.8	21.7	7.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	233.9	118.1	38.6	16.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0
45°	245.9	113.3	31.3	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	267.6	108.5	28.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	298.9	103.7	26.5	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	342.3	101.3	24.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	419.5	98.8	21.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	552.1	96.4	21.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	846.2	91.6	21.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1511.6	89.2	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2635.0	91.6	19.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3777.8	96.4	16.9	7.2	2.4	0.0	0.0	0.0	0.0	0.0	0.0
70°	3232.9	84.4	16.9	9.6	4.8	2.4	0.0	0.0	0.0	0.0	0.0
71°	2635.0	74.7	16.9	9.6	4.8	2.4	2.4	0.0	0.0	0.0	0.0
72.5°	1694.8	57.9	14.5	9.6	4.8	4.8	2.4	0.0	0.0	0.0	0.0
75°	716.0	48.2	14.5	9.6	7.2	4.8	4.8	2.4	0.0	0.0	0.0
77.5°	306.2	36.2	14.5	12.1	9.6	7.2	7.2	4.8	2.4	0.0	0.0
80°	115.7	28.9	16.9	14.5	12.1	12.1	9.6	4.8	2.4	0.0	0.0
82.5°	53.0	24.1	16.9	14.5	14.5	12.1	9.6	7.2	4.8	0.0	0.0
85°	33.8	21.7	16.9	14.5	14.5	12.1	12.1	7.2	4.8	0.0	0.0
87.5°	26.5	21.7	16.9	16.9	14.5	14.5	9.6	7.2	2.4	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

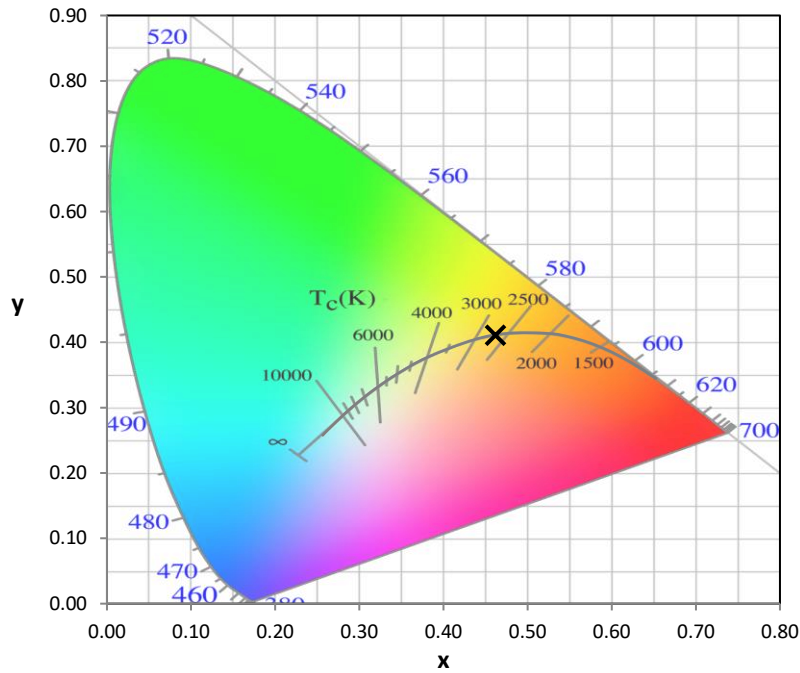
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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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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 $\text{W}^\wedge/\text{nm}$	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 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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TM-30-18

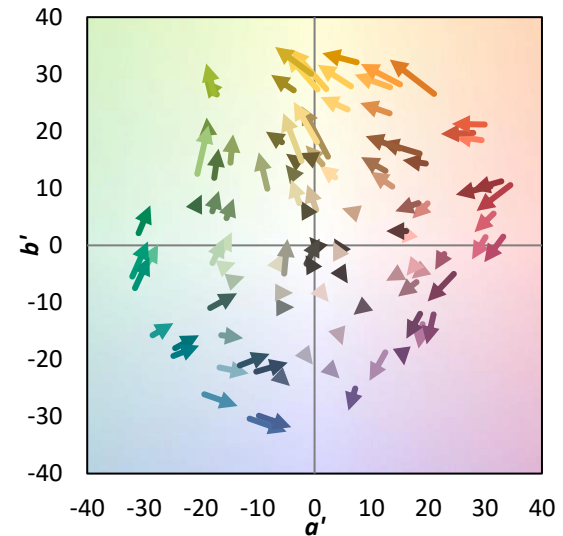
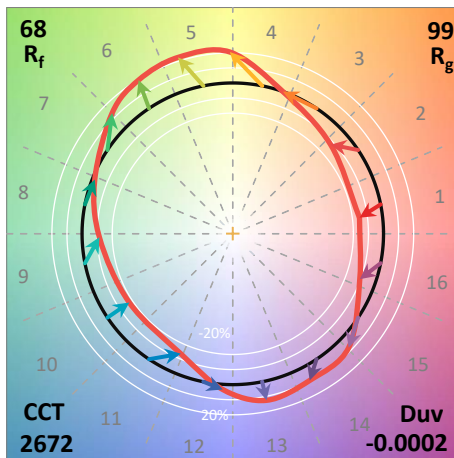
Summary

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

Spectral Power Distribution Comparison

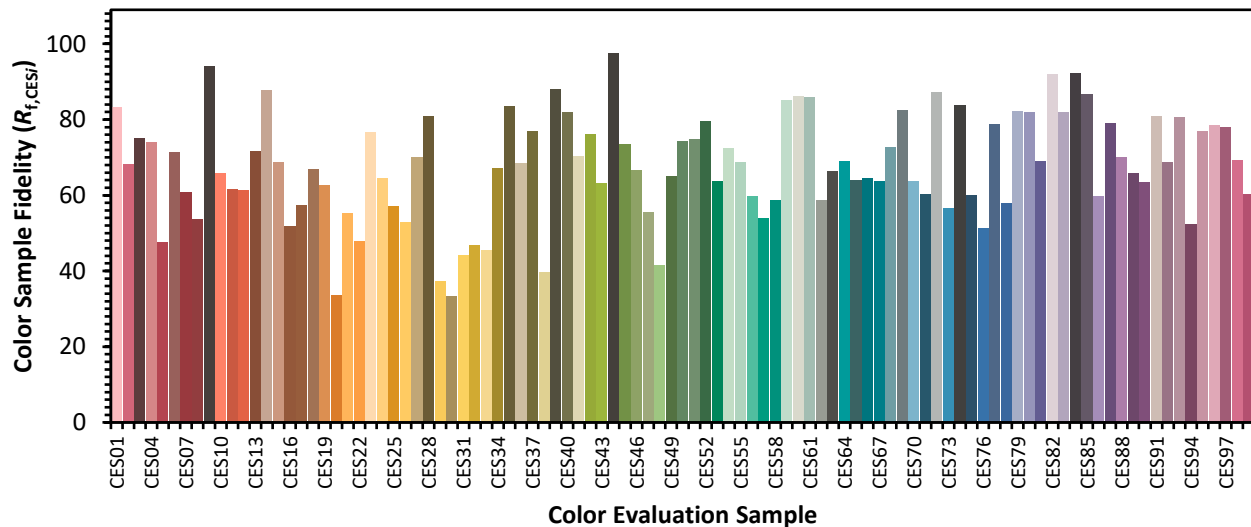


Color Vector Graphics



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)