

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: P1047098

Luminaire Tested: **GALN-SA4B-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047098
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17167.2 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 144.1
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

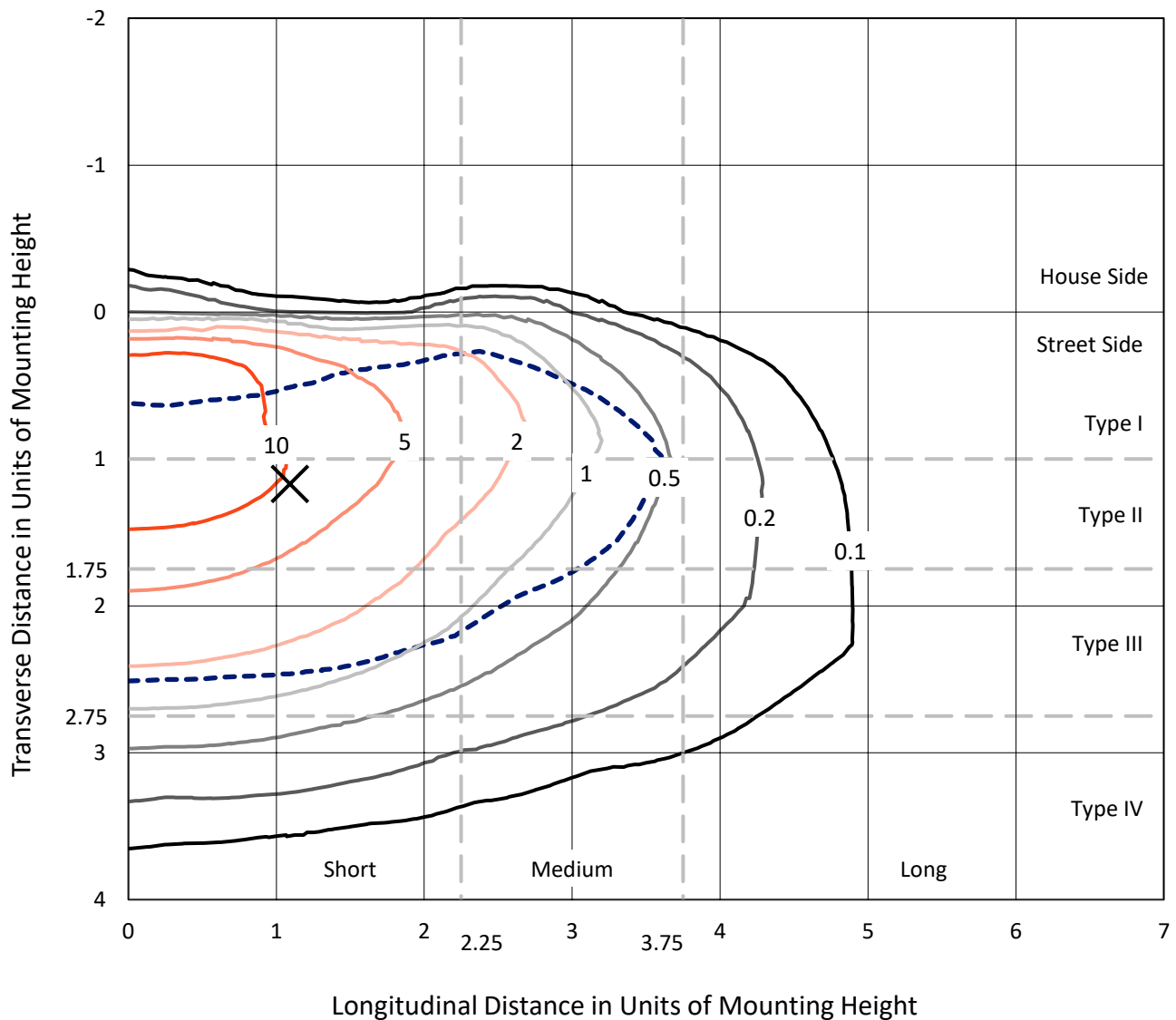


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CATALOG NUMBER: GALN-SA4B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

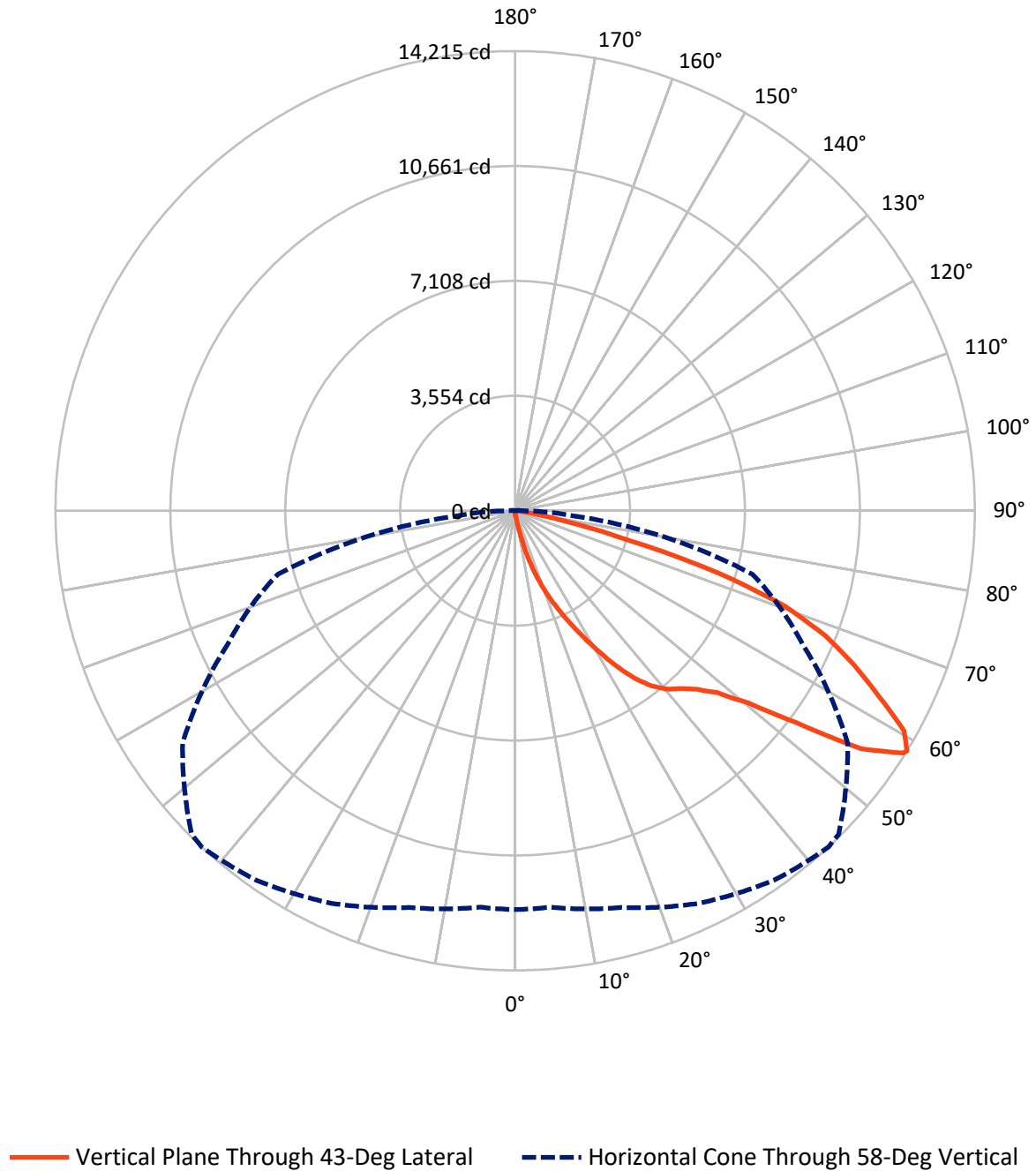


Based on 15 foot mounting height. Maximum calculated value = 19.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	62.7	0.0	62.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	17104.5	0.0	17104.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	17167.2	0.0	17167.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	0.1
10°-20°	197.3	1.1
20°-30°	711.3	4.1
30°-40°	1627.3	9.5
40°-50°	2744.7	16.0
50°-60°	4529.4	26.4
60°-70°	5062.2	29.5
70°-80°	2090.1	12.2
80°-90°	188.4	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°	17167.2	100.0
0°-180°	17167.2	100.0



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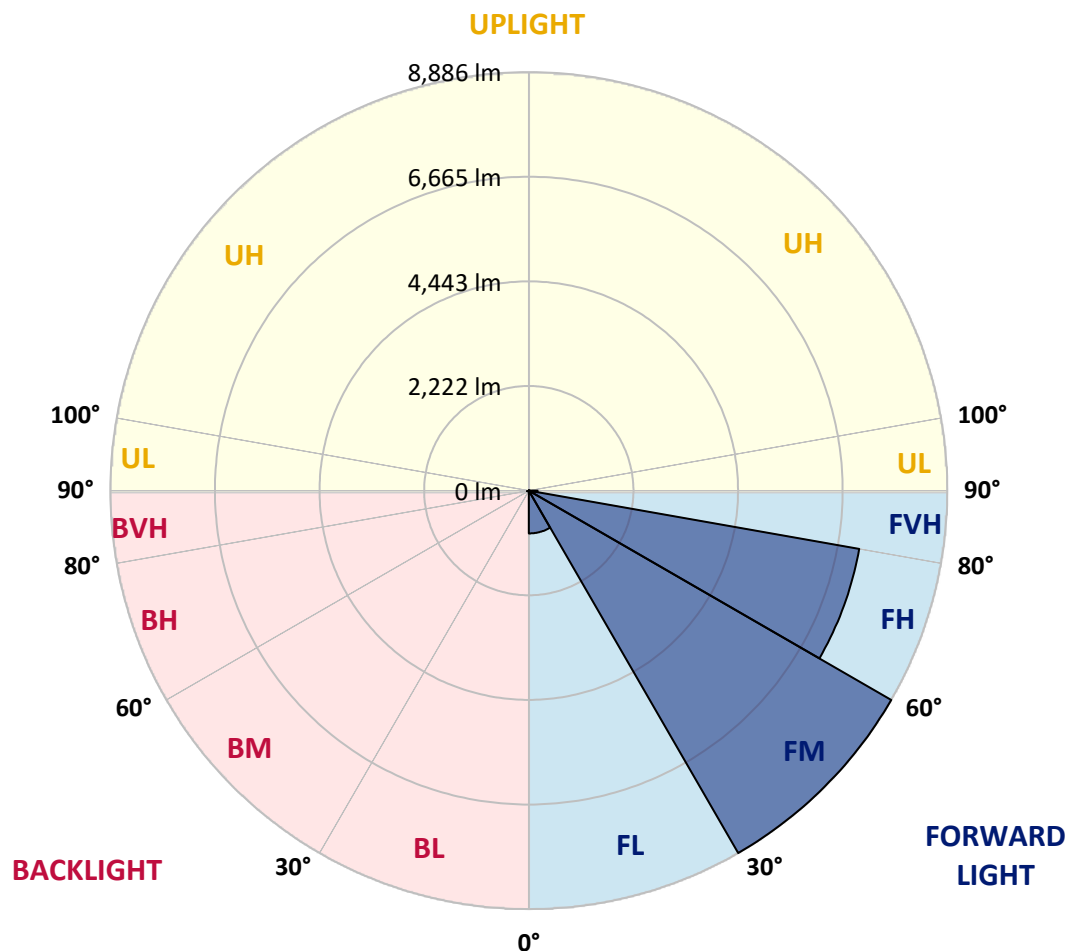
CATALOG NUMBER: GALN-SA4B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	908.7	5.3			
FM	(30°-60°)	8886.4	51.8			
FH	(60°-80°)	7123.6	41.5			G3/7500
FVH	(80°-90°)	185.8	1.1			G2/225
BL	(0°-30°)	16.3	0.1	B0/110		
BM	(30°-60°)	15.0	0.1	B0/220		
BH	(60°-80°)	28.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-G3

Type III Short



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CATALOG NUMBER: GALN-SA4B-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
2.5°	134.7	139.2	134.7	134.7	134.7	130.2	130.2	125.7	125.7	121.2	116.7
5°	197.6	197.6	184.1	175.1	166.1	161.6	157.1	148.2	139.2	130.2	121.2
7.5°	440.0	440.0	399.6	345.7	273.9	233.5	224.5	184.1	157.1	139.2	121.2
10°	1050.6	1050.6	960.8	812.7	628.6	467.0	417.6	264.9	188.6	148.2	125.7
12.5°	1746.6	1769.0	1656.8	1468.2	1194.3	911.5	812.7	484.9	251.4	161.6	125.7
15°	2370.7	2316.8	2285.4	2105.8	1845.4	1508.6	1382.9	817.2	363.7	184.1	125.7
17.5°	2792.7	2792.7	2747.8	2626.6	2388.6	2092.3	1989.0	1320.0	588.2	211.0	130.2
20°	3286.6	3286.6	3205.8	3120.5	2909.5	2658.0	2559.3	1876.8	911.5	269.4	130.2
22.5°	3883.8	3892.8	3803.0	3650.3	3448.3	3169.9	3084.6	2393.1	1320.0	359.2	134.7
25°	4611.2	4620.1	4489.9	4346.2	4036.4	3735.6	3605.4	2985.8	1818.4	502.9	134.7
27.5°	5414.9	5477.7	5284.6	5037.7	4709.9	4332.8	4234.0	3520.1	2312.3	709.4	143.7
30°	6416.1	6416.1	6160.2	5814.5	5459.7	4992.8	4867.1	4081.3	2837.6	983.3	152.7
32.5°	7278.2	7210.8	6883.1	6519.4	6142.2	5706.7	5572.0	4669.5	3376.4	1324.5	170.6
35°	7938.2	7879.8	7475.7	7085.1	6757.3	6357.7	6196.1	5307.1	3946.6	1710.7	197.6
37.5°	8503.9	8481.5	7933.7	7444.3	7228.8	6878.6	6734.9	5908.7	4507.9	2128.2	229.0
40°	9123.5	9051.7	8468.0	7861.9	7538.6	7255.7	7125.5	6393.7	5046.7	2617.6	273.9
42.5°	9653.3	9568.0	9042.7	8450.0	7897.8	7516.1	7390.4	6802.2	5572.0	3107.0	332.3
45°	10241.5	10196.6	9666.8	9217.8	8481.5	7870.8	7704.7	7130.0	6052.4	3690.7	408.6
47.5°	11126.0	11045.2	10551.3	10183.2	9330.1	8409.6	8171.7	7466.7	6514.9	4265.4	525.3
50°	12154.2	12100.4	11808.5	11516.7	10668.1	9330.1	9047.2	7951.7	7031.2	4947.9	678.0
52.5°	12993.8	12984.9	13020.8	13025.3	12383.2	10879.1	10457.0	8732.9	7623.9	5621.4	893.5
55°	12975.9	13016.3	13411.4	13864.9	13914.3	12993.8	12585.3	10048.5	8396.2	6452.0	1194.3
57.5°	12491.0	12459.5	12877.1	13559.6	14040.0	14138.8	14071.4	12091.4	9559.1	7453.3	1656.8
58°	12333.8	12306.9	12702.0	13397.9	13950.2	14215.1	14147.8	12553.8	9819.5	7597.0	1782.5
60°	11763.6	11768.1	12001.6	12634.7	13186.9	13815.5	13878.4	13873.9	11117.1	8557.8	2415.6
62.5°	11009.3	10973.4	11188.9	11705.2	12190.1	12612.2	12720.0	13963.7	13016.3	9779.1	3623.4
65°	9967.6	9913.8	10142.7	10726.4	11247.3	11521.2	11525.6	12760.4	13909.8	11090.1	5347.5
67.5°	8032.5	7987.6	8445.6	9195.4	9999.1	10358.3	10519.9	11072.2	13155.5	11979.1	6335.3
70°	4921.0	5015.2	5652.8	6829.2	8203.1	8863.1	9105.6	9276.2	11202.4	11844.4	5298.1
72.5°	2271.9	2159.7	2702.9	3524.6	5091.6	6559.8	6811.2	7480.2	8881.1	10281.9	3951.1
75°	1059.6	1019.2	1144.9	1540.0	2307.8	3542.6	4000.5	5971.6	6811.2	7152.5	2851.1
77.5°	543.3	547.8	651.0	700.4	951.9	1638.8	1881.3	3928.7	4992.8	3991.5	1912.7
80°	238.0	246.9	251.4	273.9	386.1	633.1	713.9	1822.9	3412.3	2033.9	1046.2
82.5°	152.7	157.1	157.1	157.1	184.1	251.4	287.4	731.9	1701.7	1010.2	323.3
85°	80.8	80.8	89.8	112.2	130.2	152.7	161.6	233.5	561.2	300.8	76.3
87.5°	44.9	49.4	53.9	67.3	85.3	103.3	112.2	161.6	215.5	206.5	18.0
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-SA4B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
2.5°	116.7	112.2	107.8	103.3	98.8	94.3	94.3	94.3	94.3	94.3	94.3
5°	112.2	107.8	103.3	94.3	85.3	80.8	76.3	71.8	71.8	71.8	71.8
7.5°	112.2	107.8	94.3	85.3	76.3	67.3	58.4	58.4	58.4	58.4	58.4
10°	112.2	103.3	89.8	76.3	62.9	53.9	49.4	44.9	44.9	44.9	44.9
12.5°	112.2	98.8	85.3	67.3	53.9	44.9	40.4	35.9	35.9	35.9	35.9
15°	112.2	98.8	80.8	62.9	49.4	35.9	31.4	26.9	26.9	26.9	26.9
17.5°	107.8	94.3	76.3	53.9	40.4	26.9	22.4	18.0	18.0	22.4	22.4
20°	103.3	89.8	67.3	44.9	31.4	22.4	13.5	13.5	13.5	13.5	13.5
22.5°	103.3	89.8	62.9	40.4	26.9	13.5	9.0	9.0	9.0	9.0	13.5
25°	103.3	85.3	53.9	31.4	18.0	9.0	4.5	4.5	4.5	4.5	4.5
27.5°	103.3	85.3	49.4	26.9	13.5	9.0	4.5	0.0	0.0	0.0	0.0
30°	98.8	80.8	44.9	22.4	9.0	4.5	0.0	0.0	0.0	0.0	0.0
32.5°	98.8	76.3	35.9	18.0	9.0	4.5	0.0	0.0	0.0	0.0	0.0
35°	103.3	71.8	31.4	13.5	4.5	0.0	0.0	0.0	0.0	0.0	4.5
37.5°	107.8	67.3	26.9	9.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	112.2	62.9	26.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	121.2	62.9	22.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	130.2	62.9	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	148.2	67.3	18.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	161.6	71.8	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	179.6	67.3	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	202.0	67.3	13.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	220.0	62.9	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	229.0	58.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	273.9	53.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	426.5	44.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	866.6	40.4	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1616.4	35.9	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1809.4	40.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1140.4	31.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	601.7	31.4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	300.8	31.4	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	139.2	22.4	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	58.4	13.5	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0
85°	26.9	13.5	9.0	9.0	4.5	4.5	0.0	0.0	0.0	0.0	0.0
87.5°	13.5	13.5	13.5	9.0	9.0	4.5	4.5	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

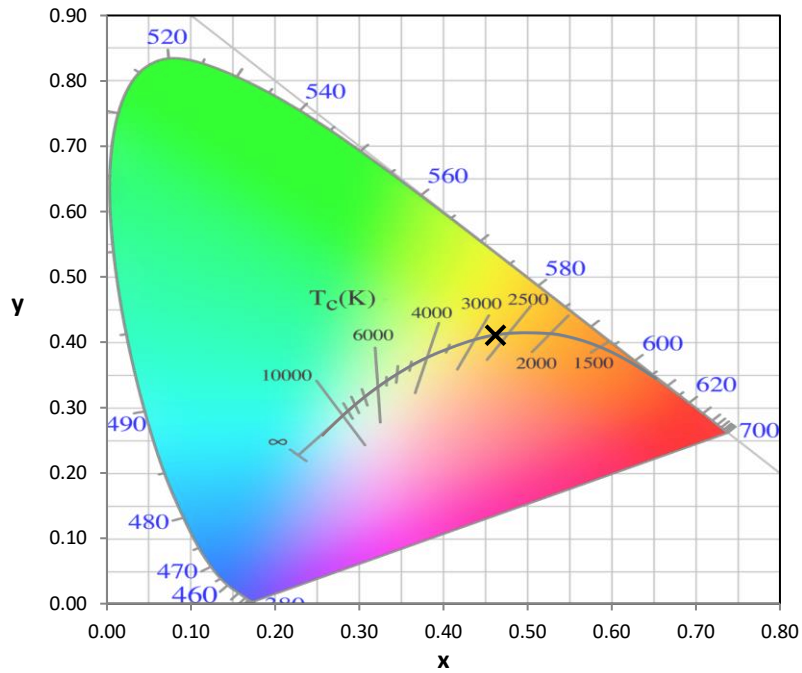
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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



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	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

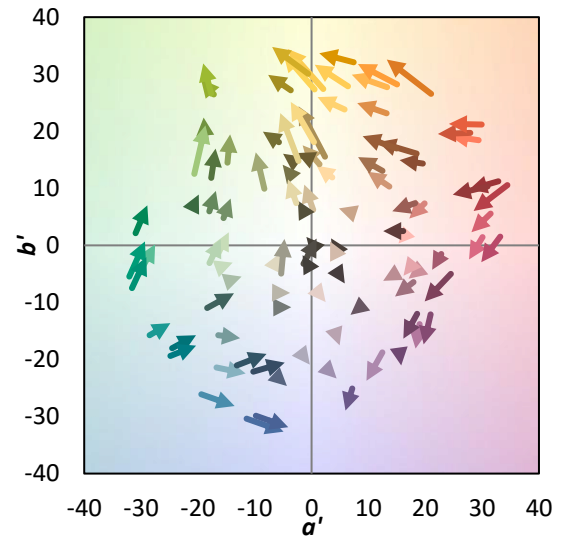
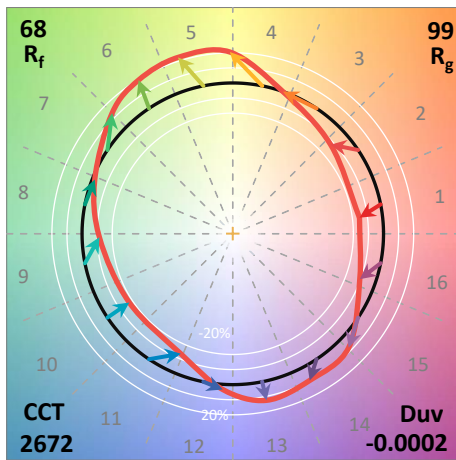
Summary

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

Spectral Power Distribution Comparison

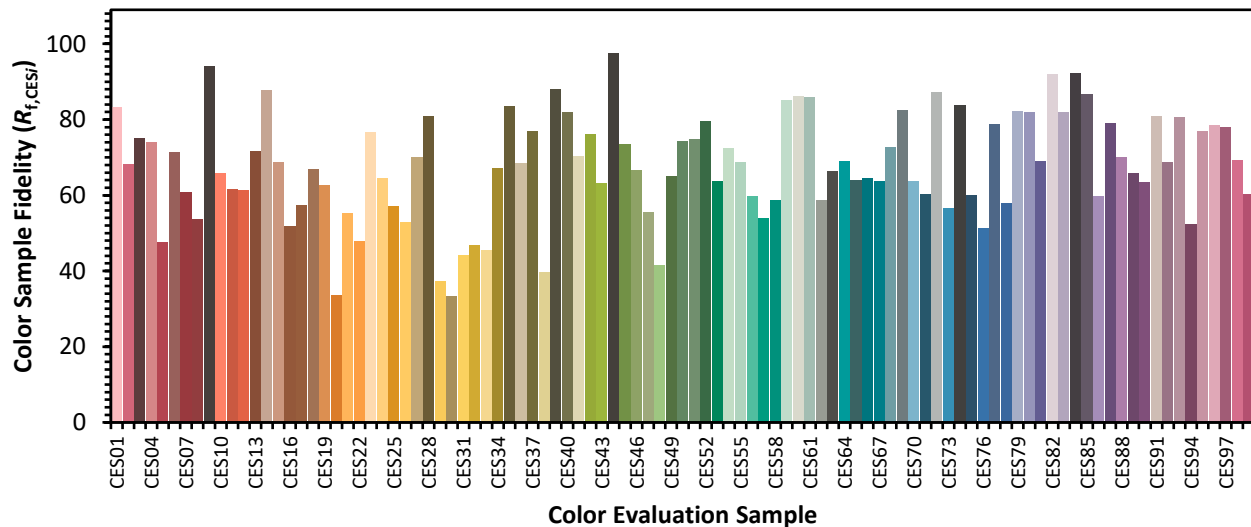


Color Vector Graphics



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)