

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: P1047087

Luminaire Tested: **GALN-SA1C-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047087
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5421 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

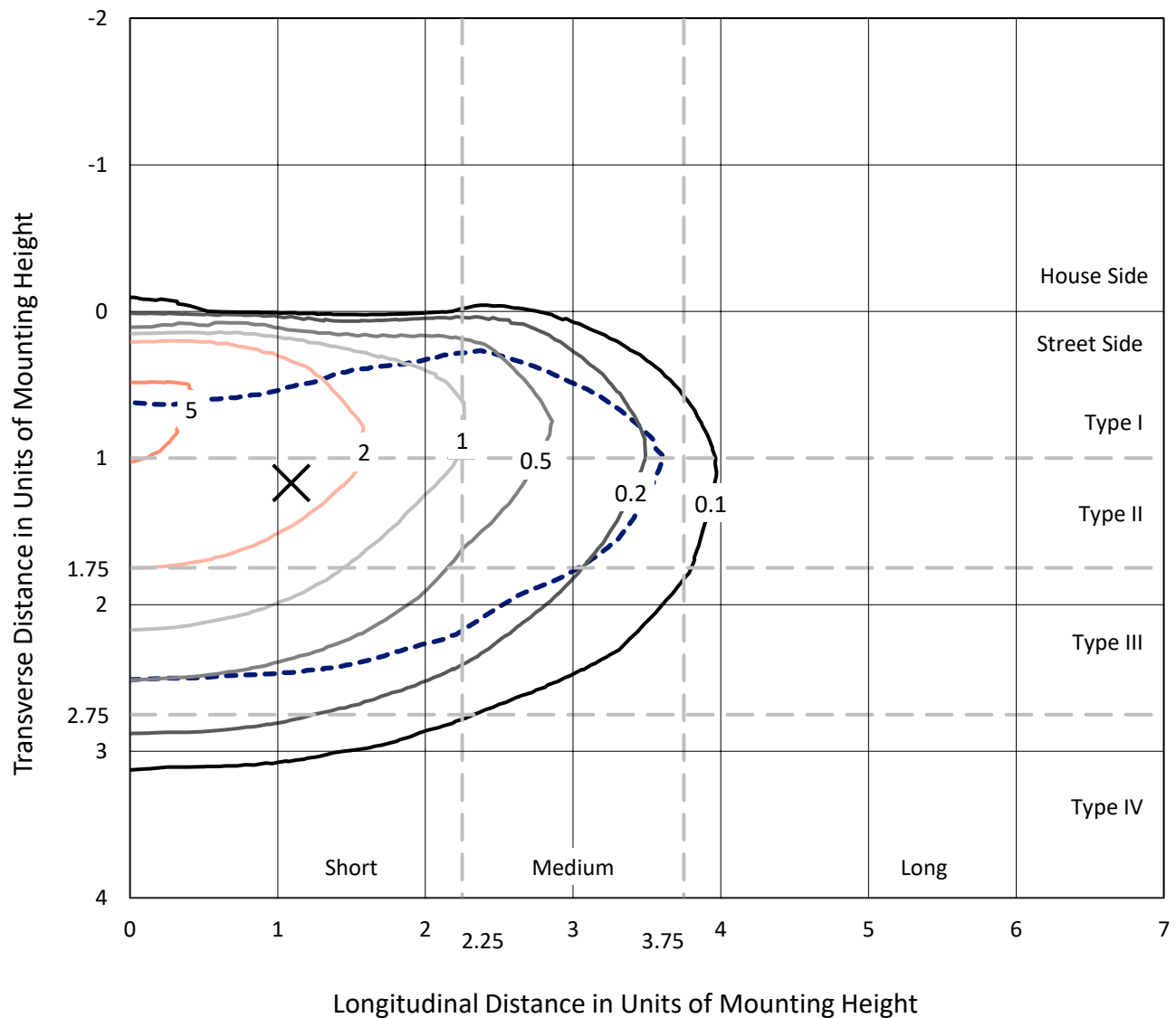


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

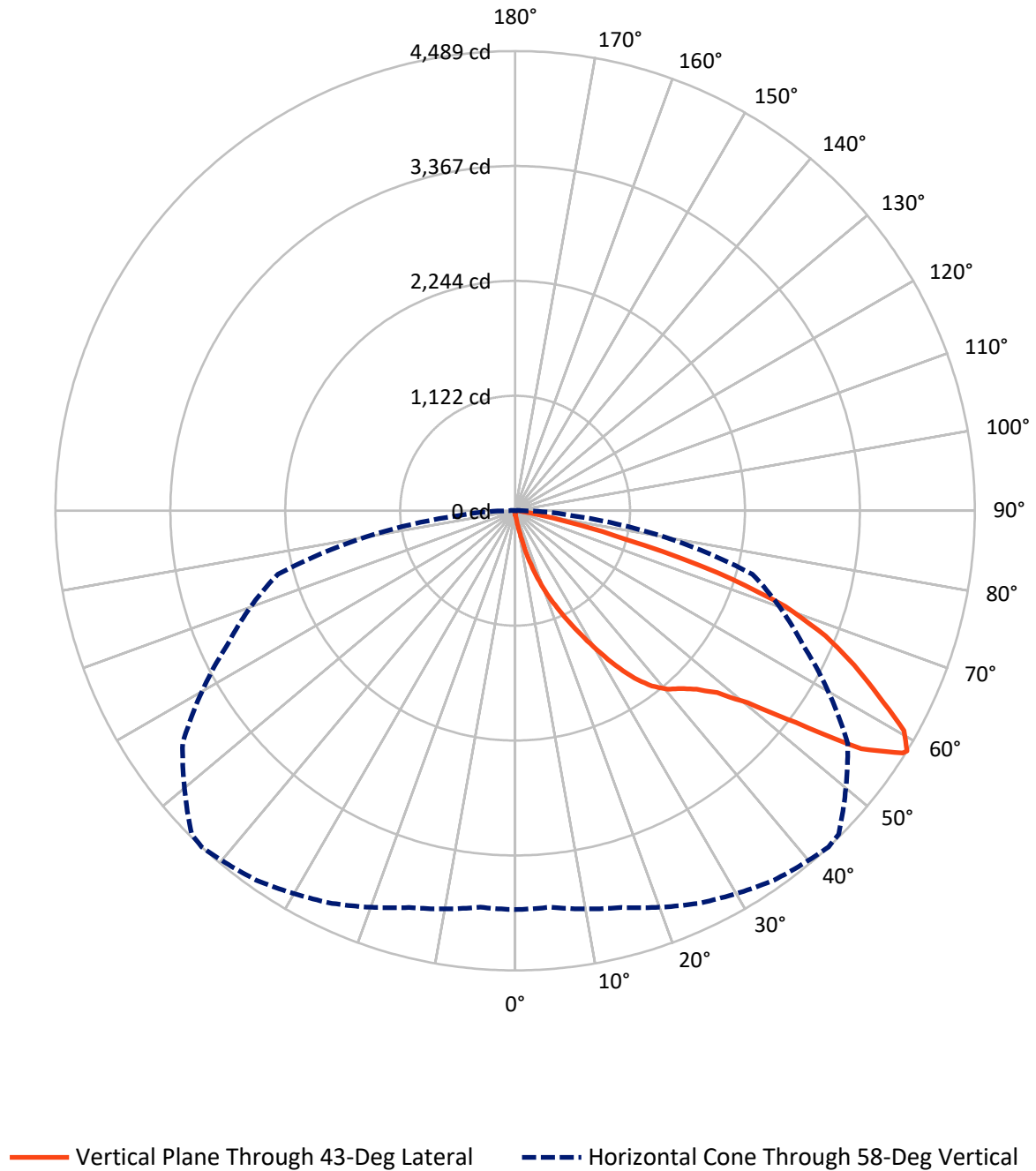


Based on 15 foot mounting height. Maximum calculated value = 6.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.8	0.0	19.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5401.2	0.0	5401.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	5421.0	0.0	5421.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	62.3	1.1
20°-30°	224.6	4.1
30°-40°	513.9	9.5
40°-50°	866.7	16.0
50°-60°	1430.3	26.4
60°-70°	1598.5	29.5
70°-80°	660.0	12.2
80°-90°	59.5	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°	5421.0	100.0
0°-180°	5421.0	100.0



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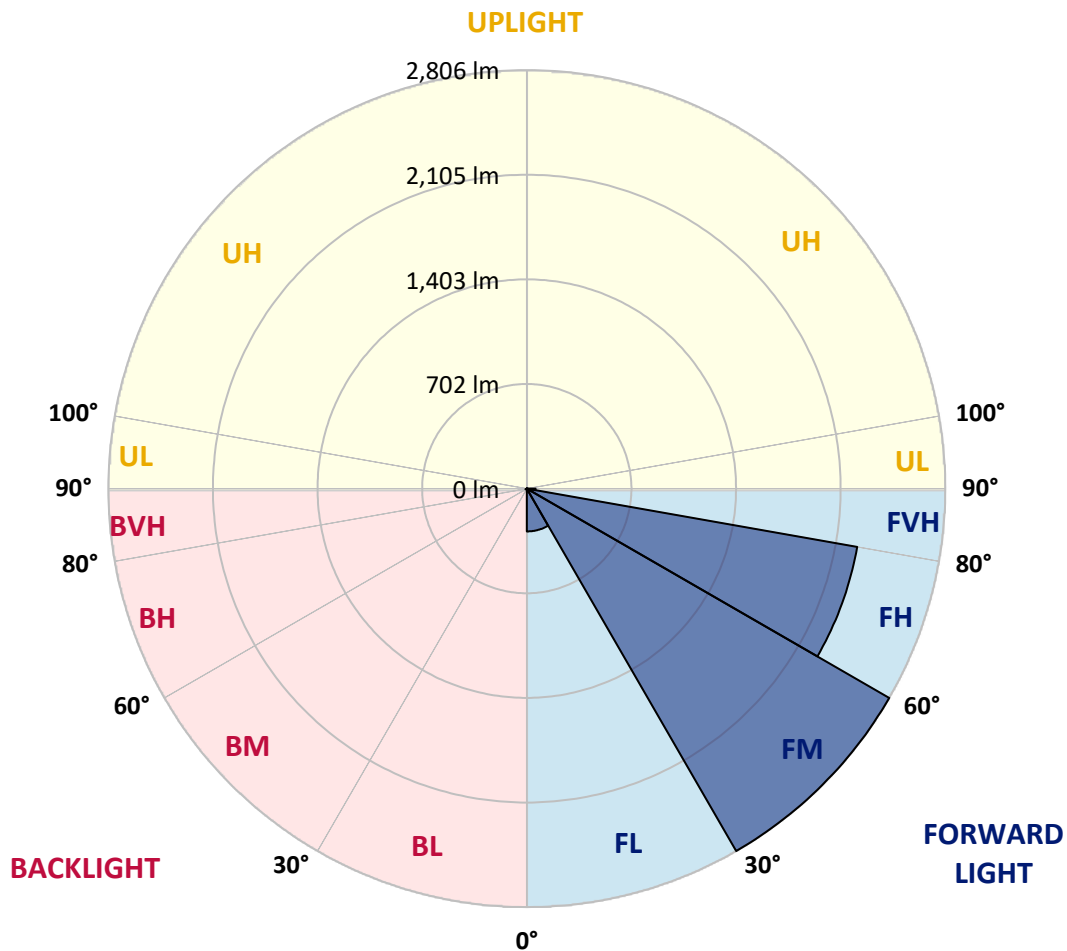
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	286.9	5.3			
FM	(30°-60°)	2806.1	51.8			
FH	(60°-80°)	2249.5	41.5			G2/5000
FVH	(80°-90°)	58.7	1.1			G1/100
BL	(0°-30°)	5.2	0.1	B0/110		
BM	(30°-60°)	4.7	0.1	B0/220		
BH	(60°-80°)	9.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G2

Type III Short



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CATALOG NUMBER: GALN-SA1C-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
2.5°	42.5	44.0	42.5	42.5	42.5	41.1	41.1	39.7	39.7	38.3	36.9
5°	62.4	62.4	58.1	55.3	52.5	51.0	49.6	46.8	44.0	41.1	38.3
7.5°	138.9	138.9	126.2	109.2	86.5	73.7	70.9	58.1	49.6	44.0	38.3
10°	331.8	331.8	303.4	256.6	198.5	147.5	131.9	83.7	59.5	46.8	39.7
12.5°	551.5	558.6	523.2	463.6	377.1	287.8	256.6	153.1	79.4	51.0	39.7
15°	748.6	731.6	721.7	665.0	582.7	476.4	436.7	258.0	114.8	58.1	39.7
17.5°	881.9	881.9	867.7	829.4	754.3	660.7	628.1	416.8	185.7	66.6	41.1
20°	1037.8	1037.8	1012.3	985.4	918.7	839.3	808.2	592.6	287.8	85.1	41.1
22.5°	1226.4	1229.2	1200.9	1152.7	1088.9	1001.0	974.0	755.7	416.8	113.4	42.5
25°	1456.1	1458.9	1417.8	1372.4	1274.6	1179.6	1138.5	942.8	574.2	158.8	42.5
27.5°	1709.9	1729.7	1668.8	1590.8	1487.3	1368.2	1337.0	1111.6	730.2	224.0	45.4
30°	2026.0	2026.0	1945.2	1836.1	1724.1	1576.6	1536.9	1288.8	896.1	310.5	48.2
32.5°	2298.3	2277.0	2173.5	2058.7	1939.6	1802.0	1759.5	1474.5	1066.2	418.3	53.9
35°	2506.7	2488.3	2360.7	2237.3	2133.8	2007.6	1956.6	1675.9	1246.3	540.2	62.4
37.5°	2685.3	2678.2	2505.3	2350.7	2282.7	2172.1	2126.7	1865.8	1423.5	672.0	72.3
40°	2881.0	2858.3	2674.0	2482.6	2380.5	2291.2	2250.1	2019.0	1593.6	826.6	86.5
42.5°	3048.3	3021.4	2855.5	2668.3	2493.9	2373.4	2333.7	2148.0	1759.5	981.1	104.9
45°	3234.0	3219.8	3052.5	2910.8	2678.2	2485.4	2433.0	2251.5	1911.2	1165.4	129.0
47.5°	3513.3	3487.8	3331.9	3215.6	2946.2	2655.6	2580.4	2357.8	2057.2	1346.9	165.9
50°	3838.0	3821.0	3728.8	3636.7	3368.7	2946.2	2856.9	2510.9	2220.3	1562.4	214.1
52.5°	4103.1	4100.3	4111.6	4113.1	3910.3	3435.4	3302.1	2757.6	2407.4	1775.1	282.1
55°	4097.5	4110.2	4235.0	4378.2	4393.8	4103.1	3974.1	3173.1	2651.3	2037.4	377.1
57.5°	3944.3	3934.4	4066.3	4281.8	4433.5	4464.7	4443.4	3818.2	3018.5	2353.6	523.2
58°	3894.7	3886.2	4011.0	4230.7	4405.1	4488.8	4467.5	3964.2	3100.7	2398.9	562.9
60°	3714.7	3716.1	3789.8	3989.7	4164.1	4362.6	4382.4	4381.0	3510.5	2702.3	762.8
62.5°	3476.5	3465.1	3533.2	3696.2	3849.4	3982.6	4016.7	4409.4	4110.2	3088.0	1144.2
65°	3147.5	3130.5	3202.8	3387.1	3551.6	3638.1	3639.5	4029.4	4392.4	3502.0	1688.6
67.5°	2536.5	2522.3	2666.9	2903.7	3157.5	3270.9	3321.9	3496.3	4154.2	3782.7	2000.5
70°	1553.9	1583.7	1785.0	2156.5	2590.3	2798.8	2875.3	2929.2	3537.4	3740.2	1673.0
72.5°	717.4	682.0	853.5	1113.0	1607.8	2071.4	2150.8	2362.1	2804.4	3246.8	1247.7
75°	334.6	321.8	361.5	486.3	728.8	1118.7	1263.3	1885.7	2150.8	2258.6	900.3
77.5°	171.6	173.0	205.6	221.2	300.6	517.5	594.1	1240.6	1576.6	1260.4	604.0
80°	75.1	78.0	79.4	86.5	121.9	199.9	225.4	575.6	1077.5	642.3	330.3
82.5°	48.2	49.6	49.6	49.6	58.1	79.4	90.7	231.1	537.3	319.0	102.1
85°	25.5	25.5	28.4	35.4	41.1	48.2	51.0	73.7	177.2	95.0	24.1
87.5°	14.2	15.6	17.0	21.3	26.9	32.6	35.4	51.0	68.1	65.2	5.7
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-SA1C-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
2.5°	36.9	35.4	34.0	32.6	31.2	29.8	29.8	29.8	29.8	29.8	29.8
5°	35.4	34.0	32.6	29.8	26.9	25.5	24.1	22.7	22.7	22.7	22.7
7.5°	35.4	34.0	29.8	26.9	24.1	21.3	18.4	18.4	18.4	18.4	18.4
10°	35.4	32.6	28.4	24.1	19.8	17.0	15.6	14.2	14.2	14.2	14.2
12.5°	35.4	31.2	26.9	21.3	17.0	14.2	12.8	11.3	11.3	11.3	11.3
15°	35.4	31.2	25.5	19.8	15.6	11.3	9.9	8.5	8.5	8.5	8.5
17.5°	34.0	29.8	24.1	17.0	12.8	8.5	7.1	5.7	5.7	7.1	7.1
20°	32.6	28.4	21.3	14.2	9.9	7.1	4.3	4.3	4.3	4.3	4.3
22.5°	32.6	28.4	19.8	12.8	8.5	4.3	2.8	2.8	2.8	2.8	4.3
25°	32.6	26.9	17.0	9.9	5.7	2.8	1.4	1.4	1.4	1.4	1.4
27.5°	32.6	26.9	15.6	8.5	4.3	2.8	1.4	0.0	0.0	0.0	0.0
30°	31.2	25.5	14.2	7.1	2.8	1.4	0.0	0.0	0.0	0.0	0.0
32.5°	31.2	24.1	11.3	5.7	2.8	1.4	0.0	0.0	0.0	0.0	0.0
35°	32.6	22.7	9.9	4.3	1.4	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	34.0	21.3	8.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	35.4	19.8	8.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	38.3	19.8	7.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	41.1	19.8	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	46.8	21.3	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	51.0	22.7	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	56.7	21.3	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	63.8	21.3	4.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	69.5	19.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	72.3	18.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	86.5	17.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	134.7	14.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	273.6	12.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	510.4	11.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	571.4	12.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	360.1	9.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	190.0	9.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	95.0	9.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	44.0	7.1	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.4	4.3	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
85°	8.5	4.3	2.8	2.8	1.4	1.4	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	2.8	2.8	1.4	1.4	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

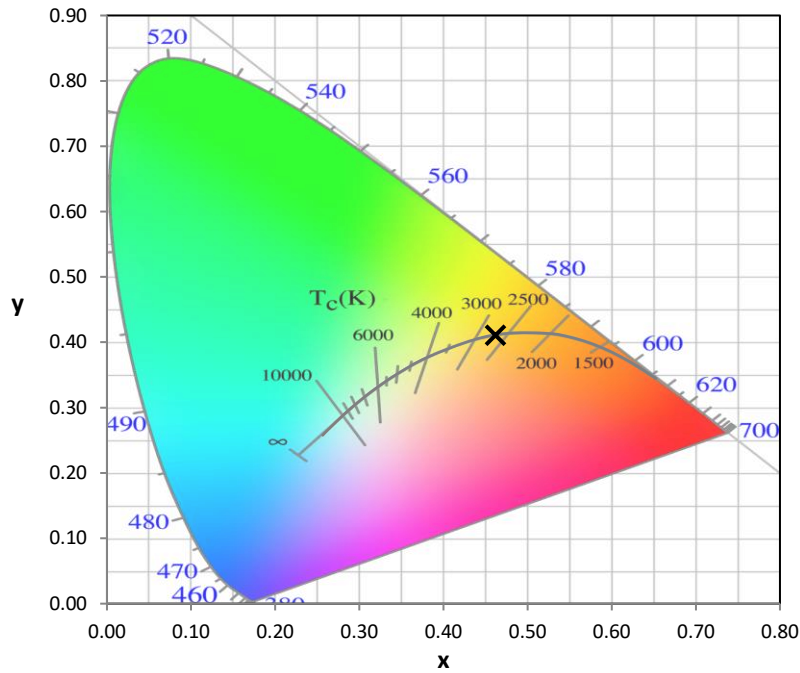
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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 $\text{W}^\wedge/\text{nm}$	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

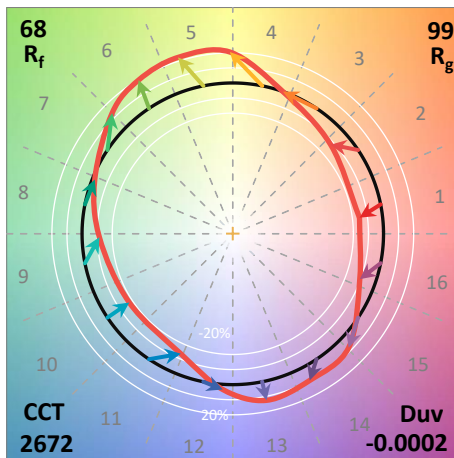
Summary

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

Spectral Power Distribution Comparison

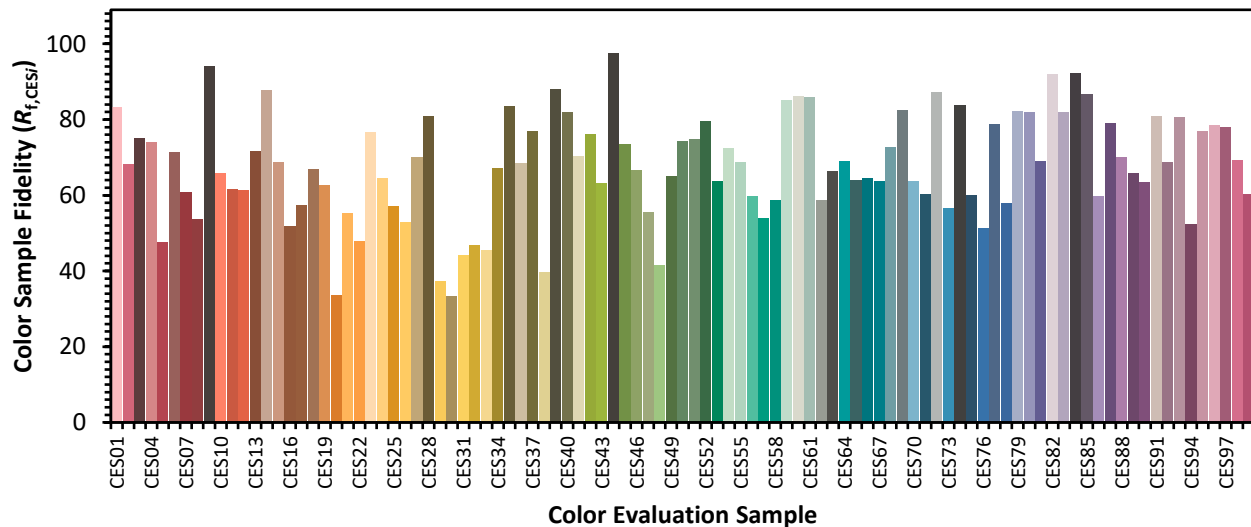


Color Vector Graphics

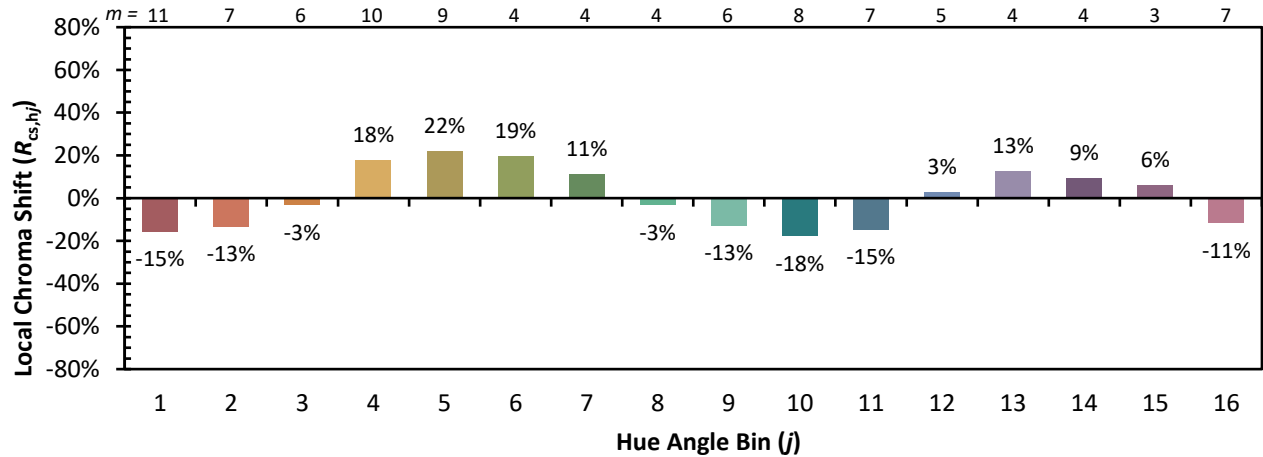


Individual Sample Fidelity Index ($R_{f,i}$)

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)