

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: P1048314

Luminaire Tested: **GALN-SA2B-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048314
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-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8435.8 lumens
Efficiency: N/A
Efficacy: 115.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

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

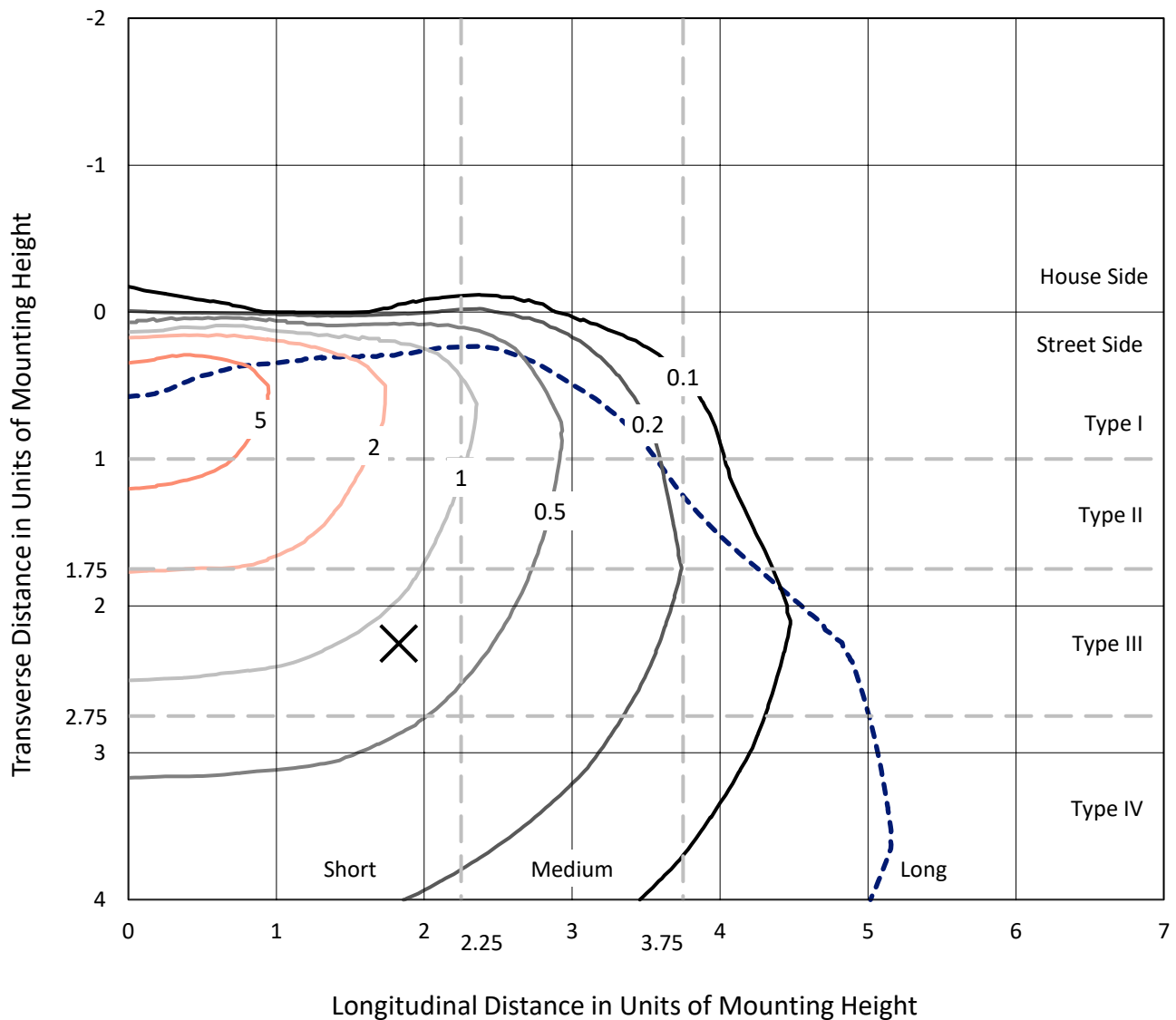


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

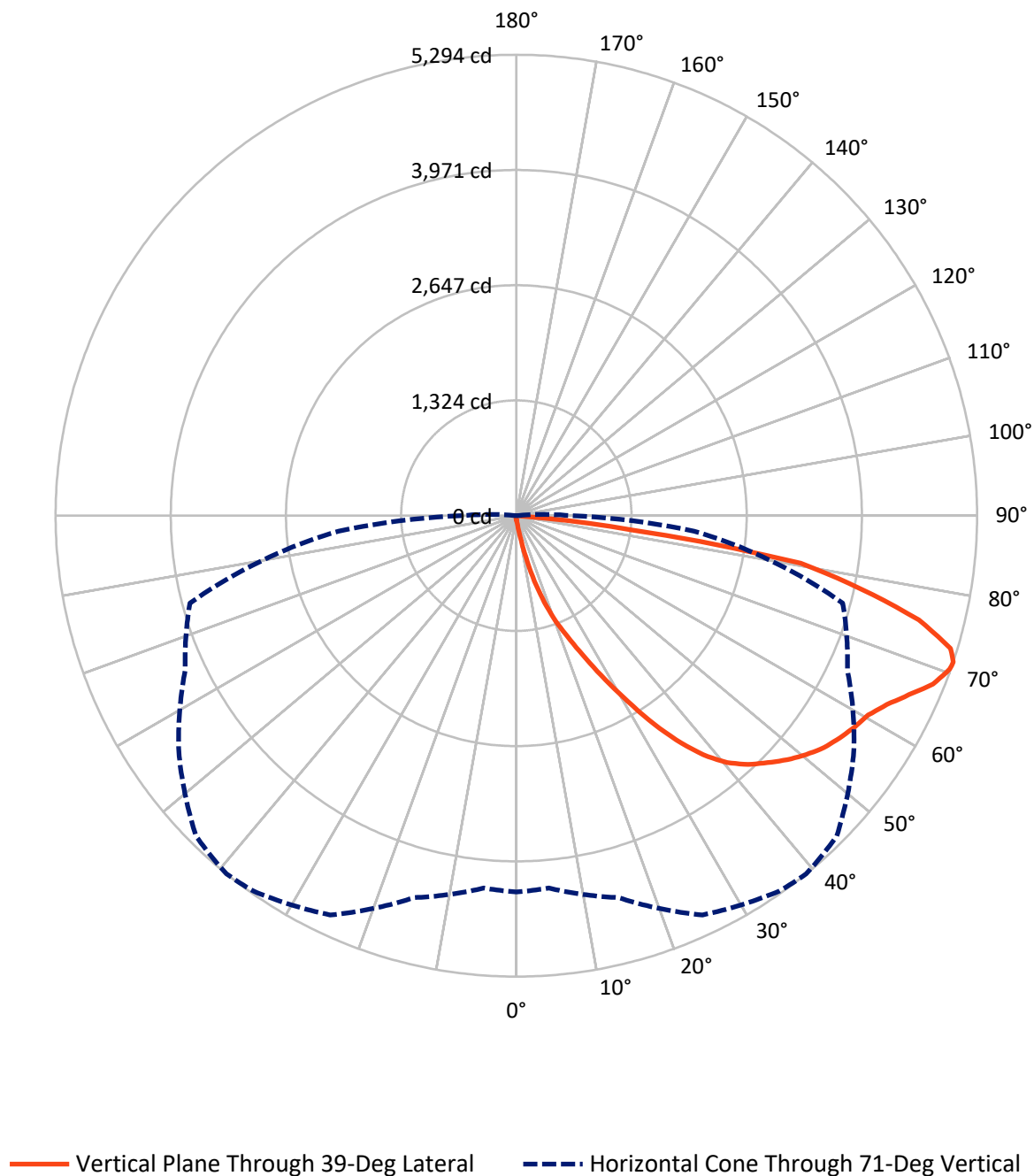


Based on 15 foot mounting height. Maximum calculated value = 8.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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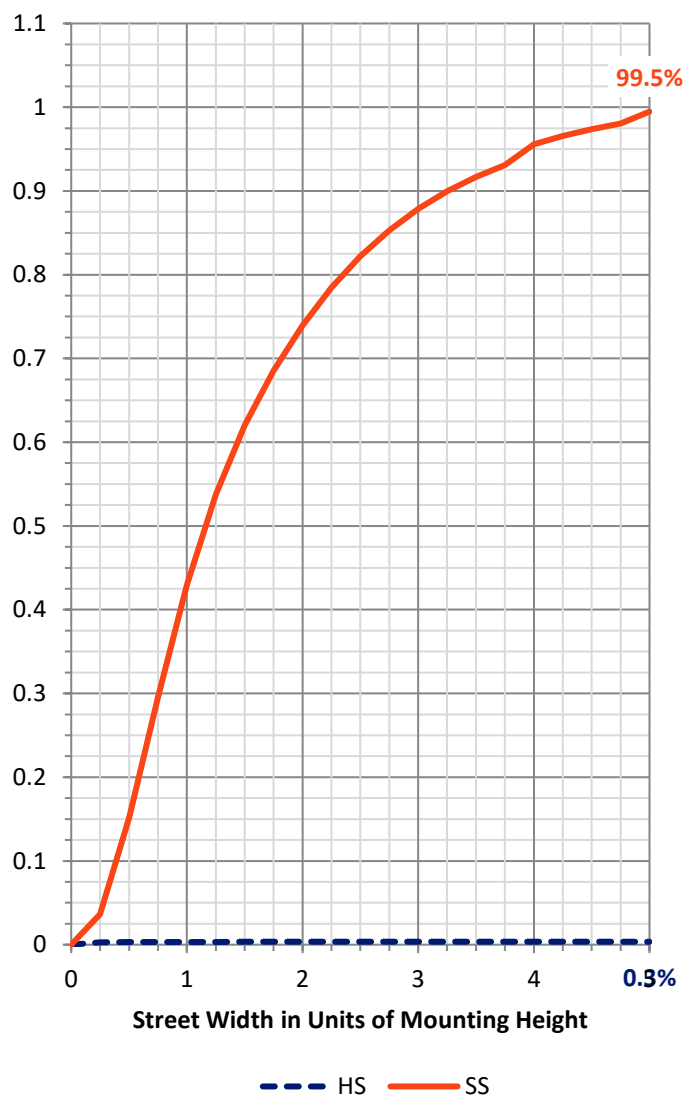
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.0	0.0	30.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8405.8	0.0	8405.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	8435.8	0.0	8435.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.1
10°-20°	90.2	1.1
20°-30°	321.1	3.8
30°-40°	773.9	9.2
40°-50°	1295.1	15.4
50°-60°	1663.4	19.7
60°-70°	2105.1	25.0
70°-80°	1876.7	22.2
80°-90°	303.4	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°	8435.8	100.0
0°-180°	8435.8	100.0



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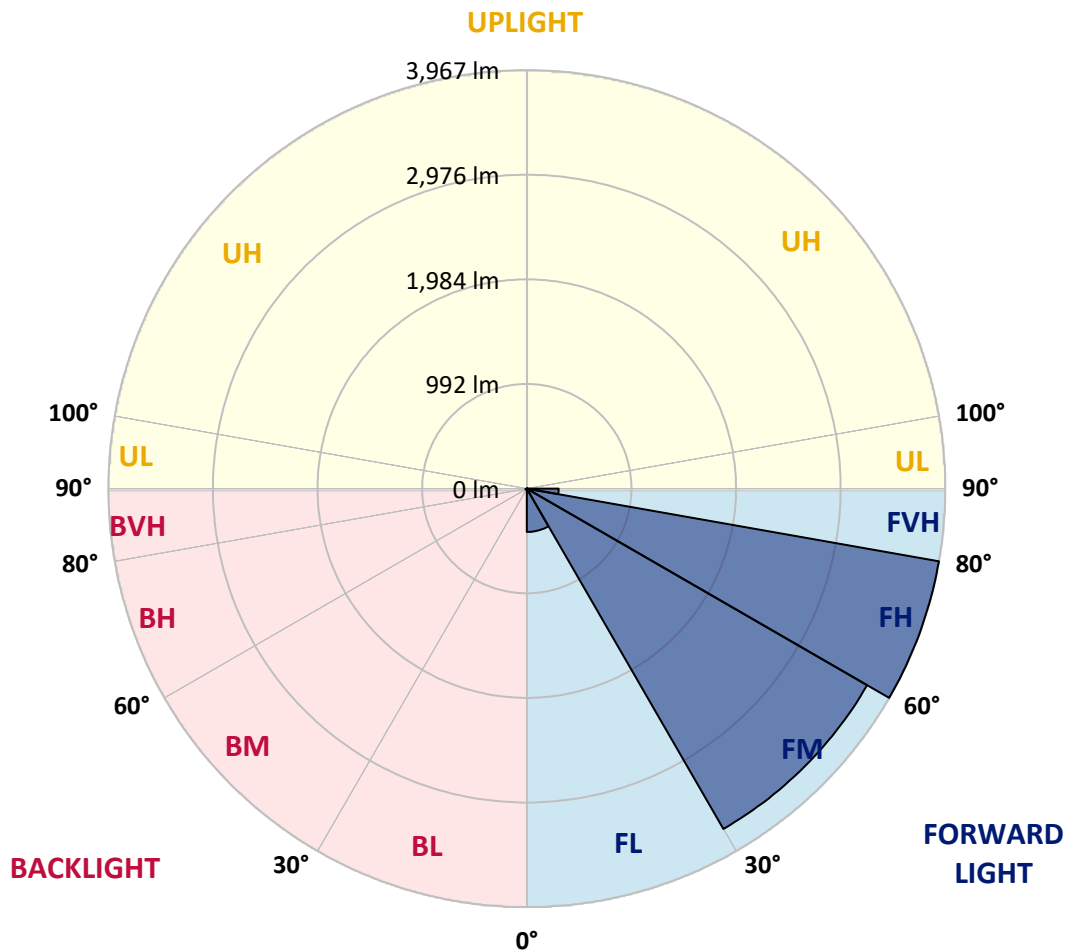
CATALOG NUMBER: GALN-SA2B-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	411.1	4.9			
FM	(30°-60°)	3725.4	44.2			
FH	(60°-80°)	3967.4	47.0			G2/5000
FVH	(80°-90°)	302.0	3.6			G3/500
BL	(0°-30°)	7.3	0.1	B0/110		
BM	(30°-60°)	6.9	0.1	B0/220		
BH	(60°-80°)	14.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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 IV Short



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CATALOG NUMBER: GALN-SA2B-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
2.5°	53.1	53.1	53.1	51.4	51.4	50.8	50.3	50.3	49.1	48.5	47.4
5°	80.5	78.8	74.8	72.5	68.0	65.1	62.2	58.2	54.3	51.4	48.0
7.5°	182.2	186.2	173.0	148.5	123.3	112.5	94.2	76.0	62.8	54.3	48.5
10°	464.3	462.0	417.4	368.3	284.4	250.7	196.4	123.9	81.1	59.4	49.1
12.5°	789.8	787.5	735.0	668.1	557.4	487.1	384.3	231.3	116.5	67.4	49.1
15°	1063.3	1054.2	1037.6	971.4	841.7	782.9	647.0	408.9	188.4	81.1	50.3
17.5°	1244.3	1236.3	1220.9	1196.9	1114.7	1045.0	936.0	642.4	304.9	105.1	52.5
20°	1410.5	1404.8	1392.2	1387.7	1334.6	1297.4	1207.2	910.8	475.1	142.8	56.0
22.5°	1638.9	1626.9	1632.1	1604.7	1552.7	1508.2	1452.8	1191.8	683.0	205.6	62.2
25°	1918.8	1913.0	1898.8	1879.4	1807.4	1768.6	1683.5	1456.8	915.4	287.8	69.1
27.5°	2256.8	2250.5	2247.1	2202.6	2119.8	2077.5	1958.7	1706.9	1177.0	403.2	78.2
30°	2646.3	2649.1	2626.9	2569.8	2473.3	2413.9	2291.7	1969.0	1444.8	538.5	87.9
32.5°	3049.5	3043.7	3009.5	2942.1	2855.9	2800.5	2645.1	2256.3	1725.7	717.3	99.4
35°	3484.0	3473.2	3383.0	3305.9	3232.2	3162.5	3020.9	2589.8	2006.7	917.7	114.8
37.5°	3922.6	3871.8	3690.8	3593.1	3542.3	3485.2	3353.3	2945.5	2286.0	1141.5	133.6
40°	4253.8	4214.4	3999.7	3819.8	3779.3	3730.7	3632.5	3252.8	2582.9	1382.0	156.5
42.5°	4437.1	4415.4	4222.4	4044.8	3949.4	3906.6	3822.7	3521.2	2876.4	1647.5	189.6
45°	4515.4	4481.7	4352.6	4269.8	4117.9	4047.1	3947.2	3723.9	3183.1	1949.0	235.8
47.5°	4491.4	4472.0	4379.5	4409.7	4299.5	4189.3	4042.5	3879.2	3445.2	2295.1	299.2
50°	4340.6	4324.1	4295.5	4459.4	4445.7	4315.5	4165.9	4002.0	3659.4	2652.0	397.5
52.5°	4054.0	4047.1	4120.2	4420.6	4528.5	4426.9	4284.7	4110.5	3859.2	3024.9	537.9
55°	3684.5	3712.5	3921.5	4360.0	4570.8	4509.1	4389.7	4212.1	4019.7	3358.4	745.2
57.5°	3532.6	3540.0	3801.0	4317.2	4589.6	4581.6	4492.0	4309.2	4167.0	3625.1	1061.6
60°	3710.2	3698.8	3836.4	4349.8	4627.3	4646.7	4582.8	4399.4	4294.9	3854.1	1483.0
62.5°	4031.1	4024.8	4068.8	4488.5	4737.5	4776.9	4709.0	4464.5	4408.0	4004.8	1963.9
65°	4317.8	4304.6	4386.3	4734.7	4931.1	4959.1	4899.7	4575.9	4457.7	4114.5	2415.6
67.5°	4441.7	4438.8	4570.2	4968.8	5134.4	5164.7	5112.7	4729.5	4446.3	4149.3	2614.9
70°	4385.2	4374.3	4584.5	5068.2	5249.2	5283.4	5233.2	4786.6	4322.4	4039.1	2319.6
71°	4322.9	4293.8	4541.6	5061.3	5265.2	5294.3	5206.4	4734.7	4197.9	3882.6	2051.8
72.5°	4129.9	4135.0	4424.0	4989.9	5226.9	5218.3	5054.4	4548.5	4047.7	3527.4	1648.1
75°	3654.8	3685.0	4043.1	4690.1	4885.4	4776.3	4525.6	4192.7	3746.2	2529.2	1144.4
77.5°	2986.6	3031.8	3425.2	4113.3	4057.9	4047.1	4036.8	3694.2	3199.1	1358.6	796.1
80°	1425.9	1523.6	2066.1	2936.4	3189.9	3312.7	3235.6	2976.9	2473.8	647.0	475.7
82.5°	93.1	91.9	130.2	246.7	1039.9	1344.3	2135.8	2127.8	1724.6	315.2	194.2
85°	44.0	45.1	49.7	56.5	65.7	72.0	99.4	582.5	825.2	150.2	42.3
87.5°	25.7	26.3	30.8	39.4	51.4	57.1	68.0	87.4	107.4	82.8	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



REPORT NUMBER: P1048314

CATALOG NUMBER: GALN-SA2B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
2.5°	46.8	46.3	44.5	42.8	41.1	40.0	39.4	40.0	40.0	40.5	40.5
5°	46.8	45.1	42.3	38.8	36.5	34.3	33.1	32.6	33.1	33.1	33.1
7.5°	46.3	43.4	39.4	35.4	32.6	29.7	28.6	28.0	28.0	28.6	28.6
10°	45.1	42.3	37.1	32.6	29.1	25.7	24.0	22.3	22.3	22.3	22.8
12.5°	44.5	40.5	34.3	29.7	25.1	21.1	17.7	16.0	16.6	16.6	16.6
15°	43.4	38.8	32.6	26.8	21.1	16.0	13.1	11.4	12.0	12.6	12.0
17.5°	43.4	38.3	30.3	23.4	16.6	12.0	9.7	8.6	8.6	9.1	9.1
20°	43.4	37.1	28.6	20.0	12.6	9.1	6.9	6.3	6.3	7.4	8.0
22.5°	44.5	37.1	26.3	16.6	10.3	6.9	5.1	4.6	5.1	6.3	6.9
25°	46.3	36.5	24.0	14.8	8.6	5.1	4.0	2.9	3.4	4.6	5.1
27.5°	48.0	36.0	21.7	13.1	6.9	4.0	2.9	2.3	1.7	2.3	2.3
30°	49.7	36.0	19.4	10.9	5.7	2.9	1.7	1.1	0.6	0.0	0.0
32.5°	50.8	34.8	17.7	8.6	4.6	2.3	1.1	0.6	0.0	0.0	0.0
35°	52.0	33.7	15.4	6.9	3.4	1.7	0.6	0.0	0.0	0.0	0.0
37.5°	53.1	32.0	13.1	5.7	2.9	1.1	0.0	0.0	0.0	0.0	0.0
40°	54.3	29.7	10.9	5.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	55.4	28.0	9.1	4.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	58.2	26.8	7.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	63.4	25.7	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	70.8	24.6	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	81.1	24.0	5.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	99.4	23.4	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	130.8	22.8	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	200.4	21.7	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	358.1	21.1	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	624.2	21.7	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	894.9	22.8	4.0	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0
70°	765.8	20.0	4.0	2.3	1.1	0.6	0.0	0.0	0.0	0.0	0.0
71°	624.2	17.7	4.0	2.3	1.1	0.6	0.6	0.0	0.0	0.0	0.0
72.5°	401.5	13.7	3.4	2.3	1.1	1.1	0.6	0.0	0.0	0.0	0.0
75°	169.6	11.4	3.4	2.3	1.7	1.1	1.1	0.6	0.0	0.0	0.0
77.5°	72.5	8.6	3.4	2.9	2.3	1.7	1.7	1.1	0.6	0.0	0.0
80°	27.4	6.9	4.0	3.4	2.9	2.9	2.3	1.1	0.6	0.0	0.0
82.5°	12.6	5.7	4.0	3.4	3.4	2.9	2.3	1.7	1.1	0.0	0.0
85°	8.0	5.1	4.0	3.4	3.4	2.9	2.9	1.7	1.1	0.0	0.0
87.5°	6.3	5.1	4.0	4.0	3.4	3.4	2.3	1.7	0.6	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

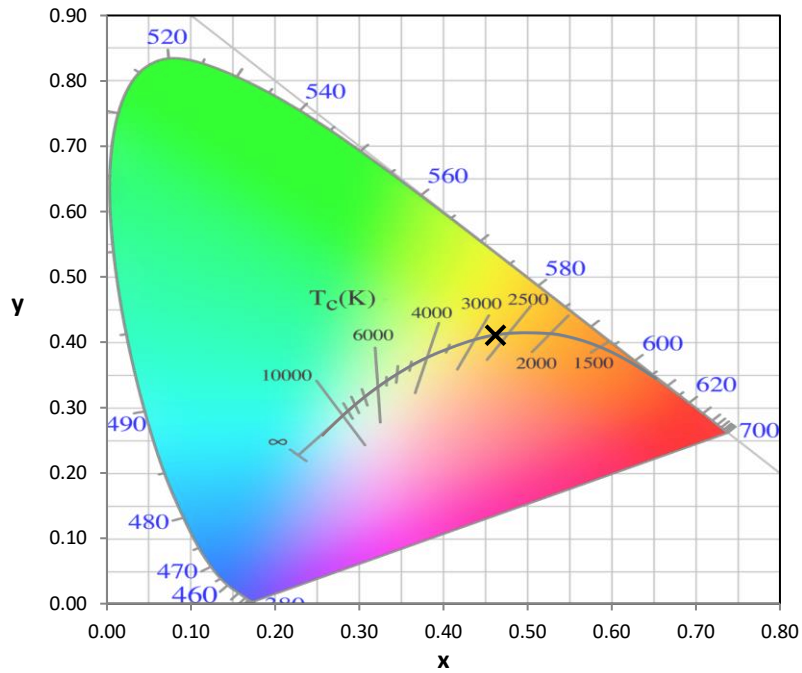
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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 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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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

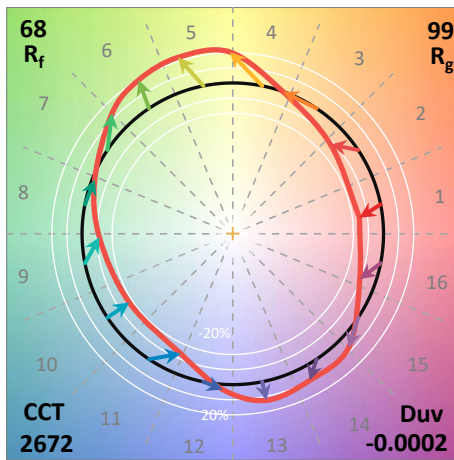
Summary

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

Spectral Power Distribution Comparison



Color Vector Graphics



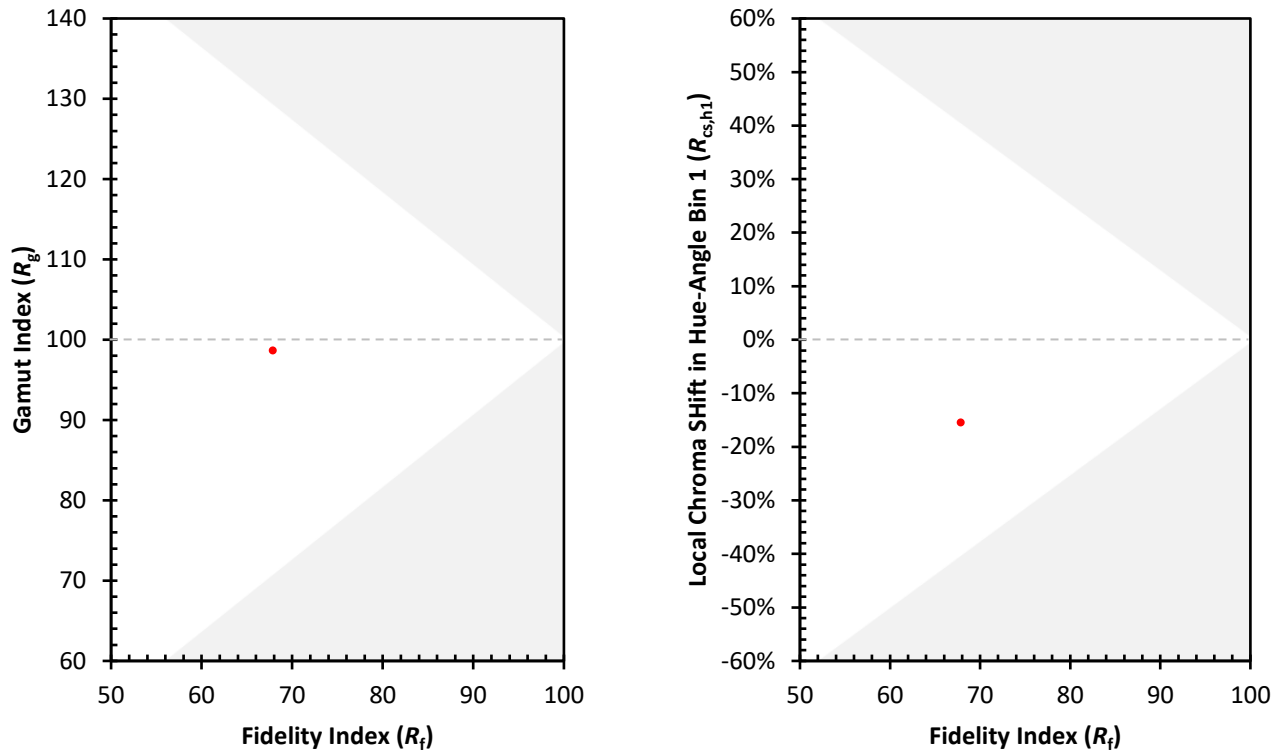
Individual Sample Fidelity Index ($R_{f,i}$)

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)