

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: P1047726

Luminaire Tested: **GALN-SA8B-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047726
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32396.3 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 282.8
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

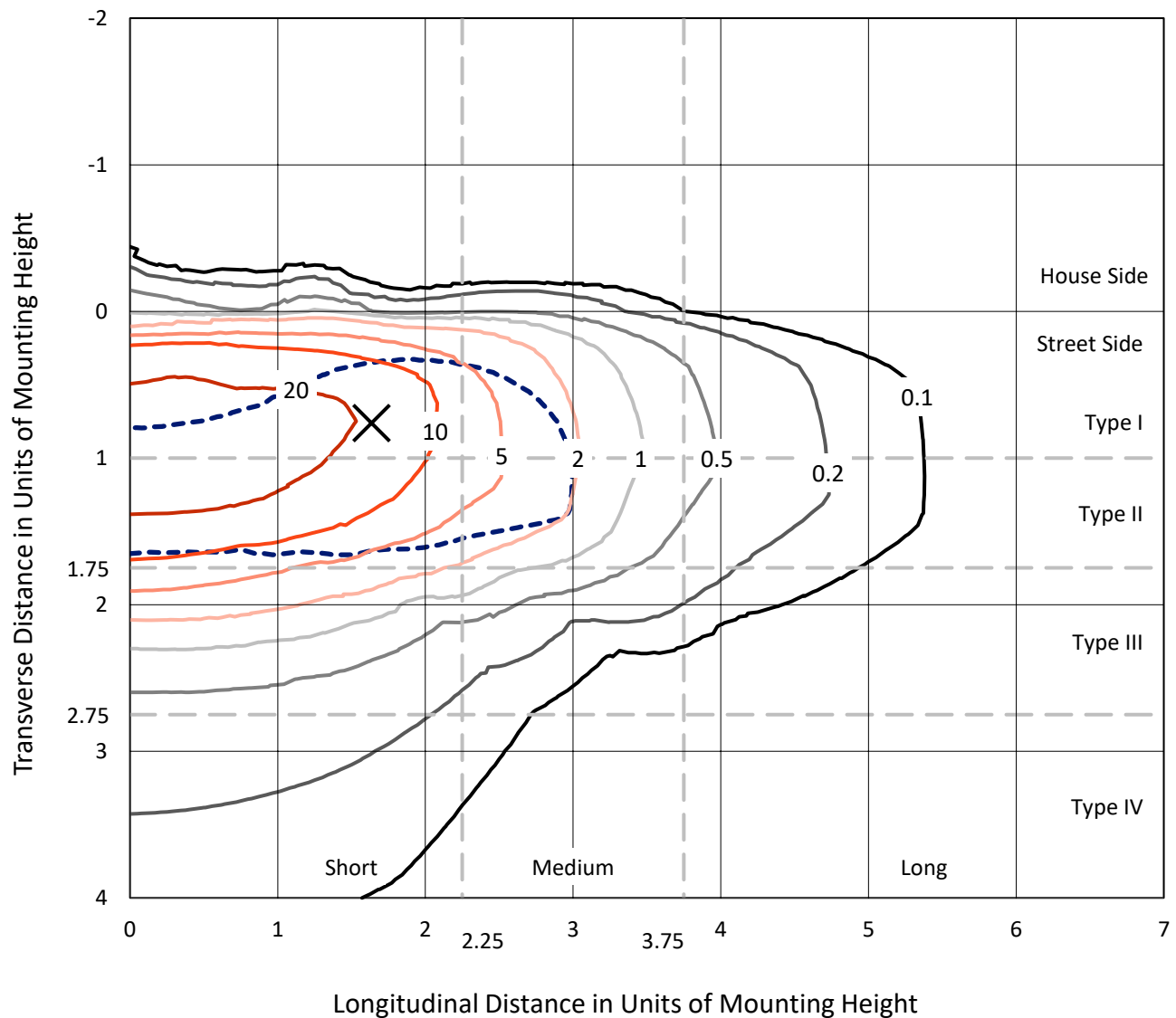


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

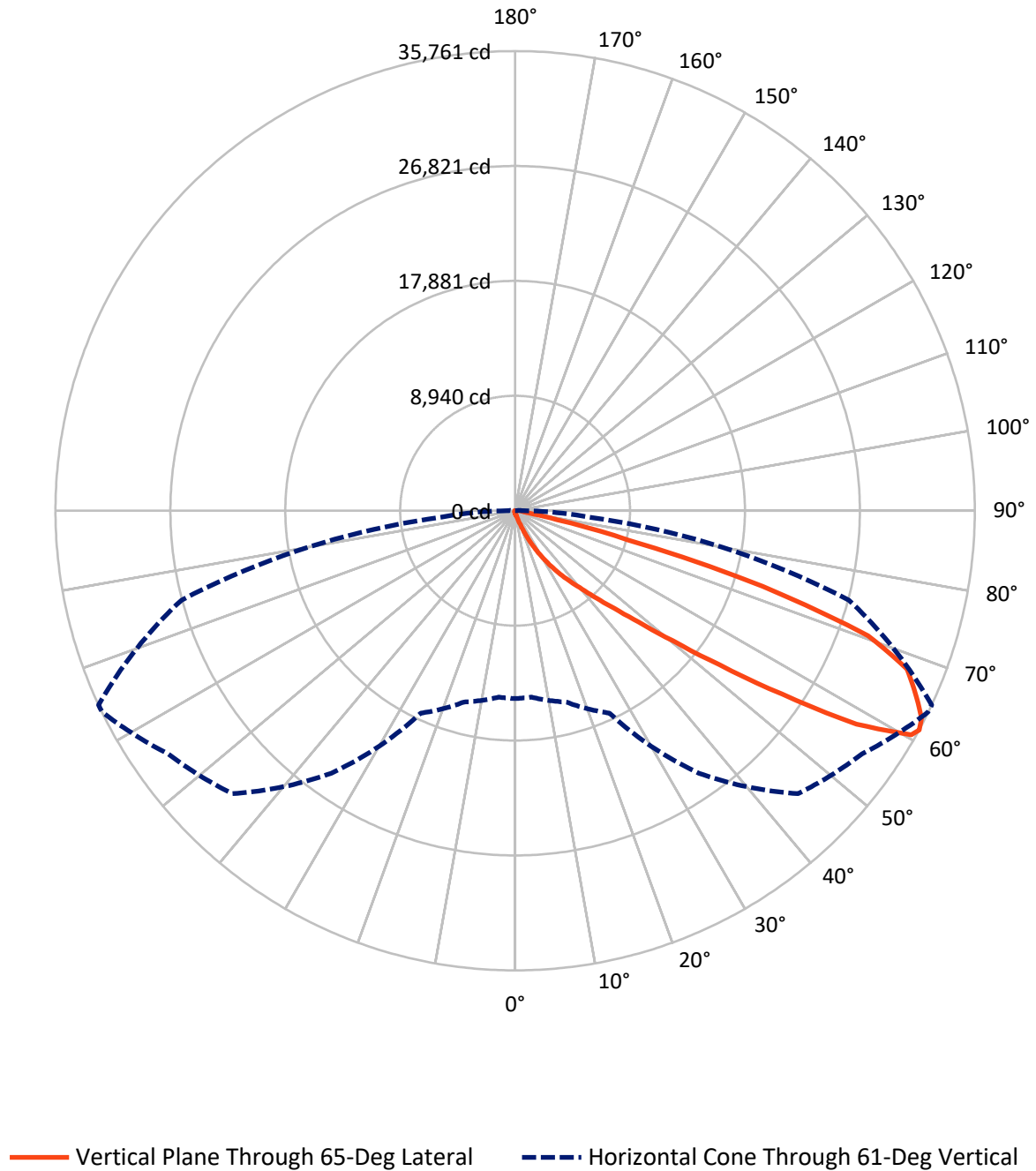


Based on 15 foot mounting height. Maximum calculated value = 42.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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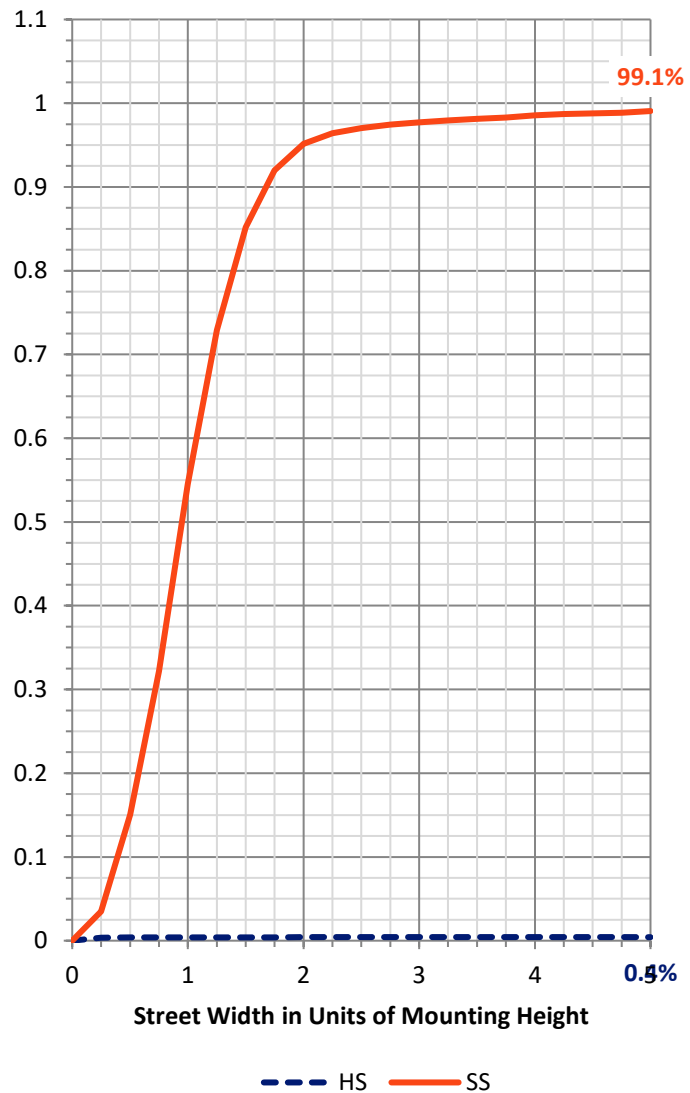
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	138.3	0.0	138.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	32258.0	0.0	32258.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	32396.3	0.0	32396.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	0.1
10°-20°	266.4	0.8
20°-30°	956.1	3.0
30°-40°	2545.4	7.9
40°-50°	6686.8	20.6
50°-60°	10359.1	32.0
60°-70°	8685.9	26.8
70°-80°	2556.1	7.9
80°-90°	315.3	1.0
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°	32396.3	100.0
0°-180°	32396.3	100.0



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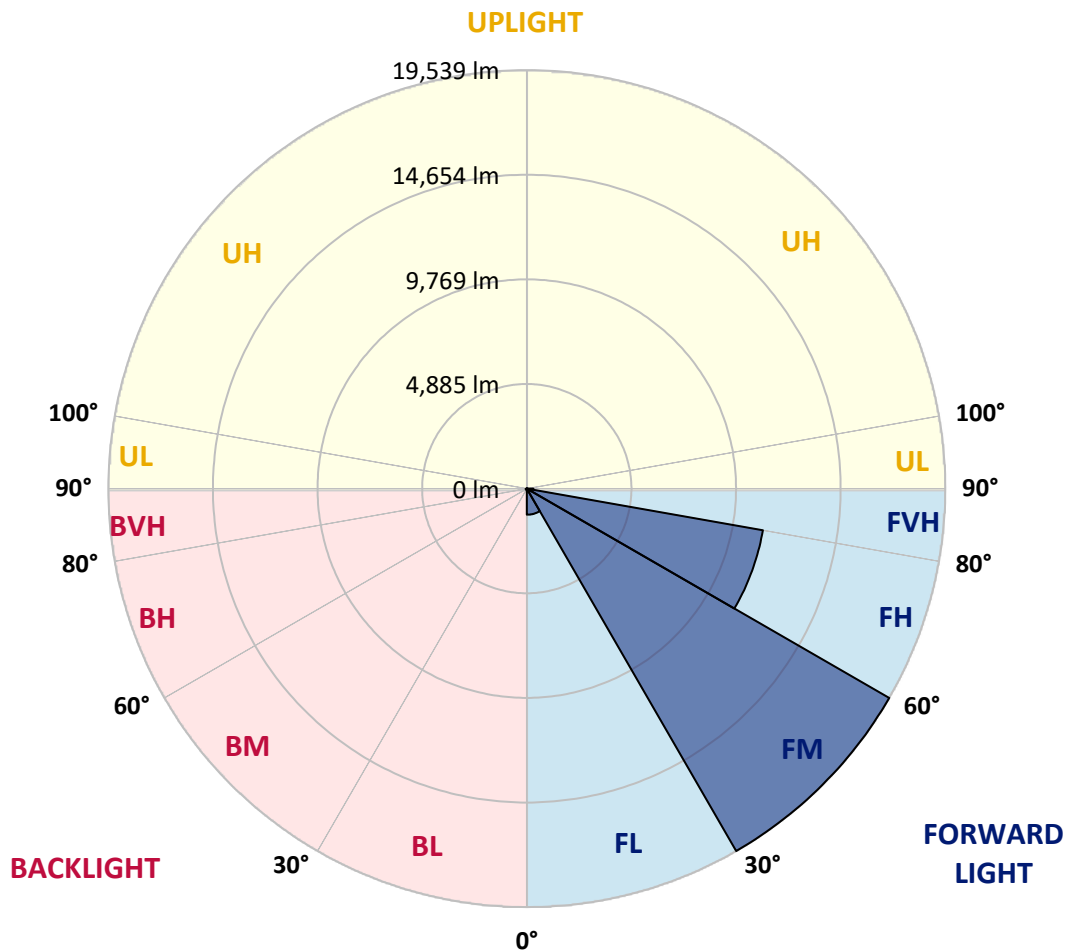
CATALOG NUMBER: GALN-SA8B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1216.6	3.8			
FM	(30°-60°)	19538.6	60.3			
FH	(60°-80°)	11193.3	34.6			G4/12000
FVH	(80°-90°)	309.5	1.0			G3/500
BL	(0°-30°)	31.0	0.1	B0/110		
BM	(30°-60°)	52.6	0.2	B0/220		
BH	(60°-80°)	48.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.9	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-G4

Type II Short



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CATALOG NUMBER: GALN-SA8B-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3
2.5°	240.7	242.9	238.5	229.5	222.9	222.9	220.6	213.9	213.9	207.3	202.8
5°	336.5	332.0	323.1	305.3	289.7	274.1	258.5	242.9	240.7	220.6	207.3
7.5°	550.4	554.9	525.9	470.2	423.4	363.2	307.5	274.1	269.7	236.2	209.5
10°	1207.9	1174.4	1107.6	891.4	733.2	552.7	410.0	318.7	314.2	254.1	213.9
12.5°	2201.8	2175.0	2052.5	1829.6	1421.8	989.5	599.5	394.4	381.1	269.7	216.2
15°	3173.4	3131.1	3064.2	2839.1	2362.2	1773.9	980.5	539.3	503.6	291.9	213.9
17.5°	3792.9	3799.6	3739.4	3643.6	3336.1	2625.2	1693.7	804.5	735.4	332.0	209.5
20°	4334.5	4318.9	4352.3	4301.0	4084.9	3567.9	2464.7	1274.7	1156.6	396.7	211.7
22.5°	4958.4	4996.3	5020.8	5009.7	4771.3	4330.0	3340.5	1907.6	1758.3	514.8	218.4
25°	5794.1	5789.7	5791.9	5762.9	5531.2	5040.9	4218.6	2694.3	2542.7	706.4	234.0
27.5°	6669.9	6696.7	6707.8	6603.1	6300.0	5818.7	5032.0	3554.5	3376.2	1014.0	254.1
30°	7866.7	7844.4	7793.1	7579.2	7211.5	6614.2	5834.3	4457.0	4269.8	1444.1	285.3
32.5°	9480.1	9455.6	9197.1	8724.6	8174.2	7443.2	6641.0	5361.8	5134.5	1981.2	327.6
35°	12138.7	12176.6	11541.5	10318.0	9330.8	8439.4	7534.6	6262.1	6061.6	2643.0	385.5
37.5°	16210.2	16003.0	15140.5	12978.9	10852.9	9682.9	8388.1	7171.4	6997.5	3458.7	461.3
40°	20165.8	19960.8	19711.2	17663.2	13498.1	11053.4	9582.6	8238.8	8013.7	4379.0	572.7
42.5°	24324.3	24210.6	24199.5	22655.1	18325.1	13208.4	11020.0	9489.0	9297.4	5388.6	755.5
45°	27270.3	27156.7	27395.1	27664.8	24899.2	17825.9	13522.6	11113.6	10835.0	6614.2	1047.4
47.5°	27667.0	27671.5	28308.8	29153.4	29784.1	24968.3	16856.5	13266.4	12927.6	8368.1	1537.7
50°	26347.7	26399.0	27413.0	28923.9	30622.0	30960.8	22735.3	16390.7	15889.3	10447.3	2233.0
52.5°	23836.2	23894.1	25307.0	27791.8	29851.0	32400.4	29657.1	20477.8	19900.6	13041.3	3213.5
55°	21574.3	21609.9	23230.0	26370.0	28921.7	31618.2	33766.5	25935.5	25177.8	16232.5	4180.7
57.5°	19334.6	19252.1	20306.2	23900.8	28763.5	30657.7	34372.6	32155.3	31319.6	19720.1	4933.9
60°	16339.5	16201.3	17048.1	19334.6	26682.0	31288.4	33238.3	35596.1	35406.7	24576.1	5515.6
61°	14616.8	14558.9	15410.2	17371.3	24930.4	31127.9	32966.4	35740.9	35761.0	26873.7	5776.3
62.5°	10438.4	10603.3	11904.7	14454.2	20881.2	30087.2	33002.1	35293.0	35491.3	29926.7	6451.6
65°	4639.8	4905.0	5916.7	7991.5	12143.2	25028.5	32685.6	34310.2	34212.2	30764.7	8778.1
67.5°	2752.2	2792.3	3296.0	4528.3	6431.5	13462.5	28843.7	33011.0	32879.5	26782.3	10922.0
70°	2168.3	2188.4	2348.9	2841.4	3732.8	5156.8	16462.0	28560.7	29133.4	21716.9	10692.4
72.5°	2056.9	2052.5	2074.7	2161.7	2351.1	2558.3	6373.6	18984.7	20150.2	15639.7	8965.3
75°	2030.2	2021.3	1999.0	1965.6	1702.6	1506.5	1974.5	8397.0	9072.3	10685.7	6750.2
77.5°	1970.0	1972.2	1976.7	1885.3	1459.7	1065.2	956.0	2694.3	3313.8	6781.4	4798.0
80°	1332.7	1352.7	1386.1	1350.5	1312.6	771.1	675.2	958.3	971.6	3806.3	3168.9
82.5°	675.2	675.2	659.6	588.3	508.1	501.4	537.1	695.3	704.2	1925.4	1490.9
85°	407.8	430.1	439.0	398.9	365.5	336.5	410.0	552.7	572.7	746.6	347.6
87.5°	91.4	93.6	102.5	135.9	198.3	269.7	381.1	505.9	514.8	479.1	42.3
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-SA8B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3	198.3
2.5°	200.6	196.1	193.9	187.2	180.5	173.8	169.4	167.1	169.4	171.6	171.6
5°	198.3	191.7	180.5	169.4	160.5	151.5	142.6	140.4	140.4	142.6	142.6
7.5°	198.3	187.2	171.6	158.2	144.9	131.5	124.8	120.3	122.6	122.6	122.6
10°	198.3	185.0	164.9	144.9	129.3	113.7	102.5	98.1	98.1	98.1	98.1
12.5°	196.1	182.7	158.2	133.7	111.4	93.6	80.2	73.5	75.8	75.8	75.8
15°	191.7	176.1	149.3	113.7	89.1	71.3	57.9	51.3	53.5	57.9	60.2
17.5°	185.0	169.4	133.7	95.8	71.3	53.5	40.1	35.7	37.9	44.6	44.6
20°	182.7	162.7	118.1	78.0	53.5	37.9	26.7	22.3	24.5	33.4	35.7
22.5°	182.7	158.2	107.0	64.6	40.1	24.5	15.6	8.9	8.9	15.6	15.6
25°	185.0	156.0	98.1	53.5	29.0	17.8	8.9	4.5	8.9	24.5	29.0
27.5°	189.4	153.8	93.6	44.6	22.3	15.6	6.7	15.6	26.7	26.7	26.7
30°	193.9	149.3	86.9	37.9	20.1	11.1	11.1	22.3	22.3	26.7	29.0
32.5°	200.6	147.1	82.5	33.4	15.6	8.9	15.6	13.4	13.4	15.6	17.8
35°	213.9	149.3	78.0	33.4	15.6	11.1	13.4	6.7	4.5	4.5	4.5
37.5°	231.8	151.5	71.3	29.0	13.4	13.4	6.7	0.0	0.0	0.0	0.0
40°	260.7	158.2	66.9	26.7	11.1	11.1	2.2	0.0	0.0	0.0	0.0
42.5°	309.8	171.6	64.6	24.5	11.1	8.9	0.0	0.0	0.0	0.0	0.0
45°	407.8	202.8	60.2	22.3	11.1	4.5	0.0	0.0	0.0	0.0	0.0
47.5°	586.1	276.3	57.9	17.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	855.8	374.4	55.7	15.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1092.0	394.4	37.9	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1118.7	271.9	29.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	891.4	176.1	24.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	675.2	133.7	22.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	648.5	120.3	22.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	715.4	104.7	20.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1163.3	86.9	17.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2021.3	75.8	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2553.9	71.3	13.4	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2226.3	64.6	13.4	4.5	2.2	0.0	0.0	0.0	0.0	0.0	0.0
75°	1339.3	55.7	13.4	8.9	4.5	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	702.0	42.3	13.4	11.1	6.7	2.2	0.0	0.0	0.0	0.0	0.0
80°	341.0	37.9	15.6	11.1	8.9	4.5	0.0	0.0	0.0	0.0	0.0
82.5°	133.7	31.2	17.8	15.6	11.1	6.7	2.2	0.0	0.0	0.0	0.0
85°	60.2	26.7	20.1	17.8	15.6	8.9	2.2	0.0	0.0	0.0	0.0
87.5°	31.2	24.5	22.3	20.1	15.6	11.1	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 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 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

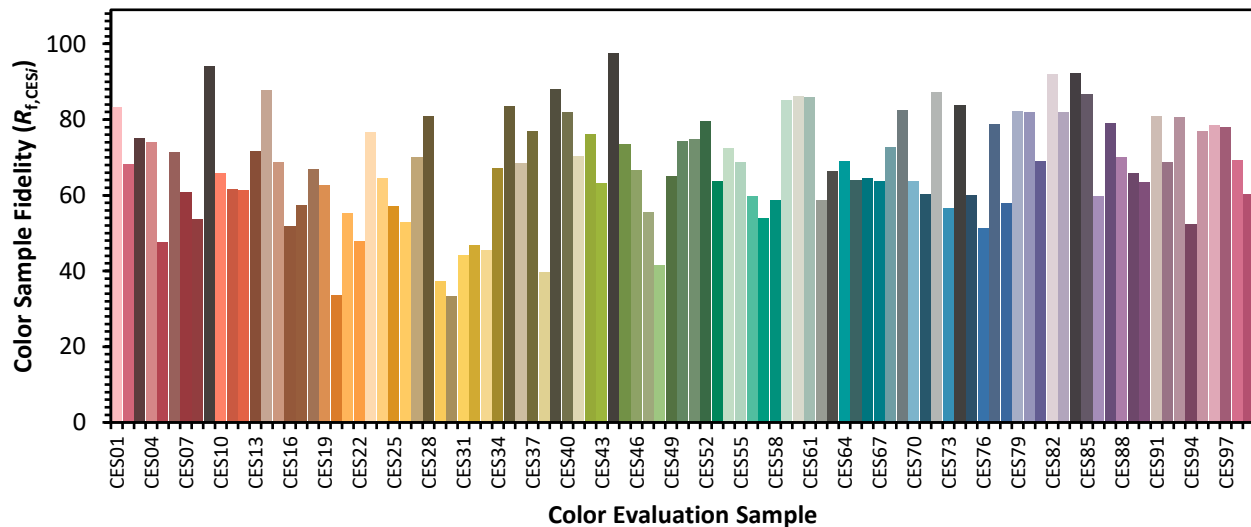


Color Vector Graphics

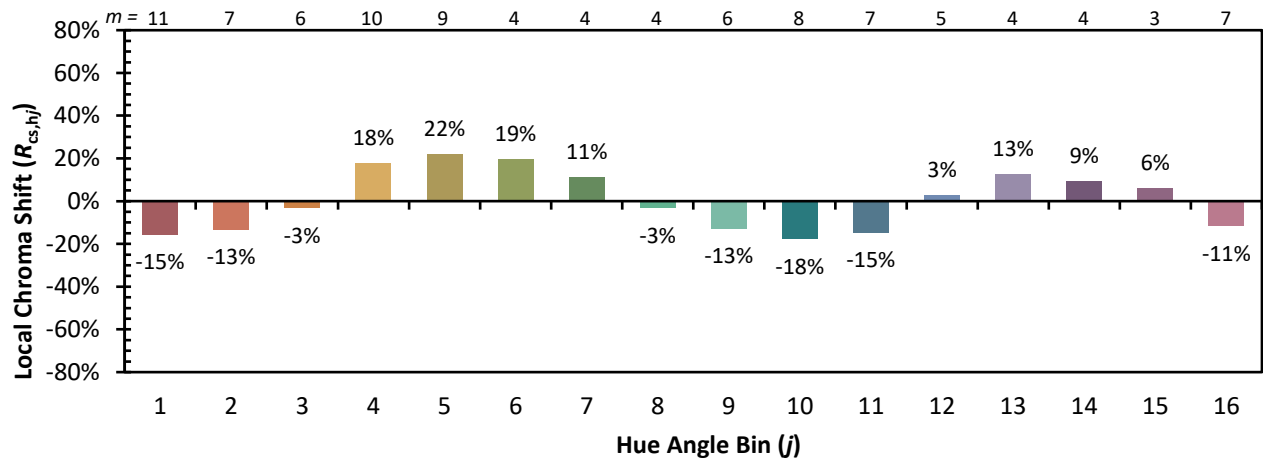


Individual Sample Fidelity Index ($R_{f,i}$)

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)