

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: P1047731

Luminaire Tested: **GALN-SA9C-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047731
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 44708.8 lumens
Efficiency: N/A
Efficacy: 107.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 417.1
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



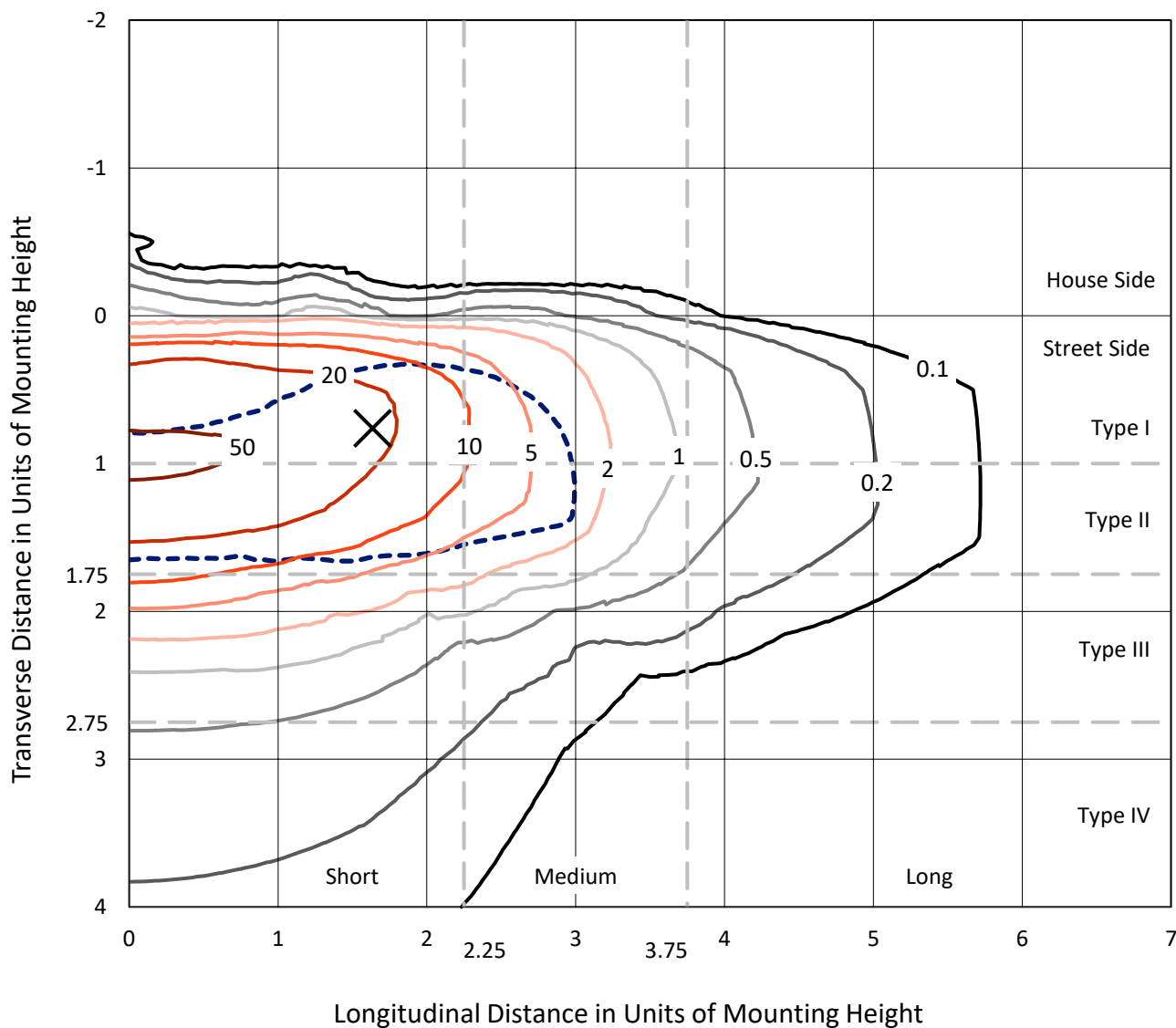
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CATALOG NUMBER: GALN-SA9C-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

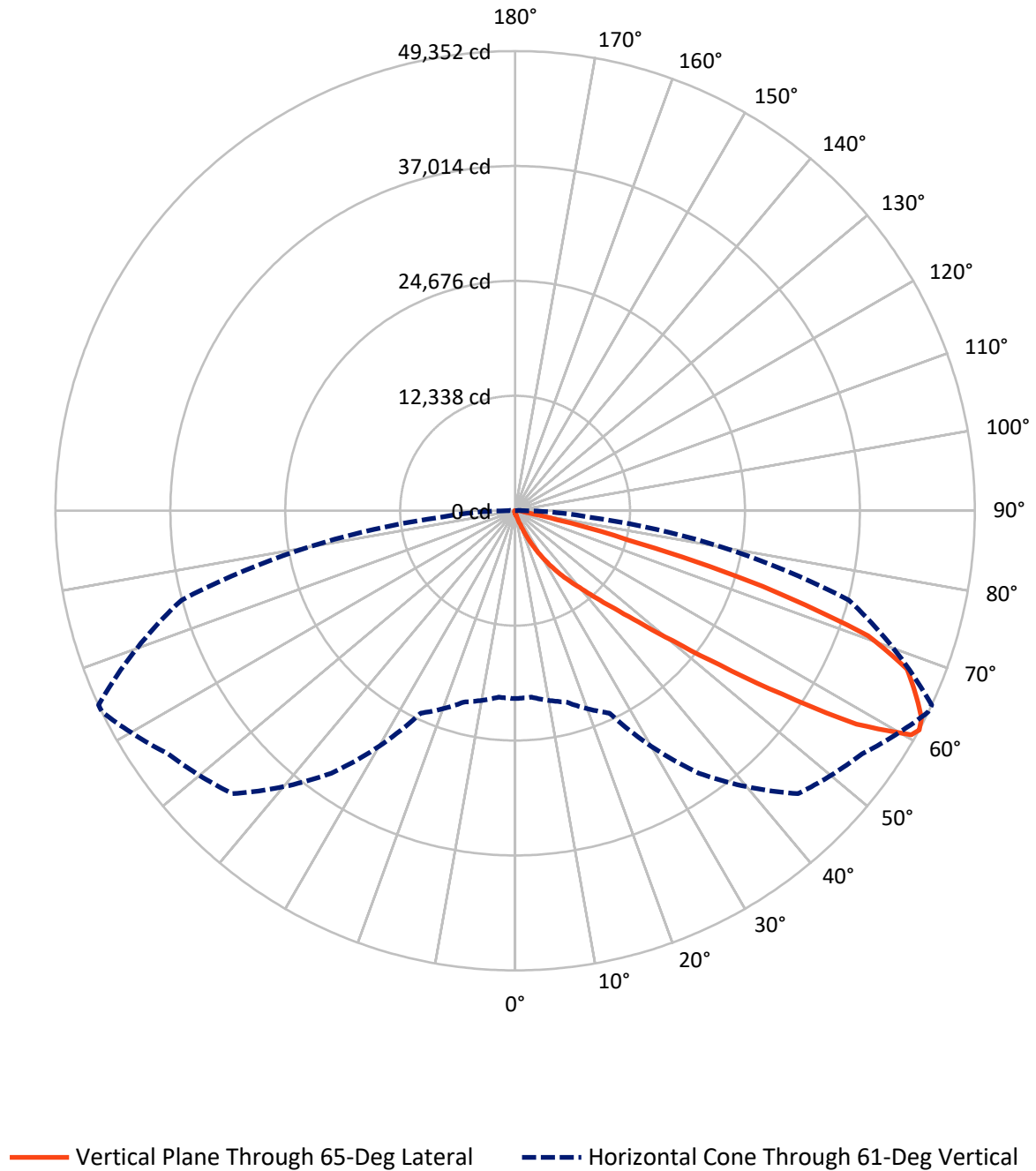


Based on 15 foot mounting height. Maximum calculated value = 59.1 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	190.9	0.0	190.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	44517.9	0.0	44517.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	44708.8	0.0	44708.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.8	0.1
10°-20°	367.6	0.8
20°-30°	1319.4	3.0
30°-40°	3512.8	7.9
40°-50°	9228.1	20.6
50°-60°	14296.1	32.0
60°-70°	11987.1	26.8
70°-80°	3527.6	7.9
80°-90°	435.2	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°	44708.8	100.0
0°-180°	44708.8	100.0



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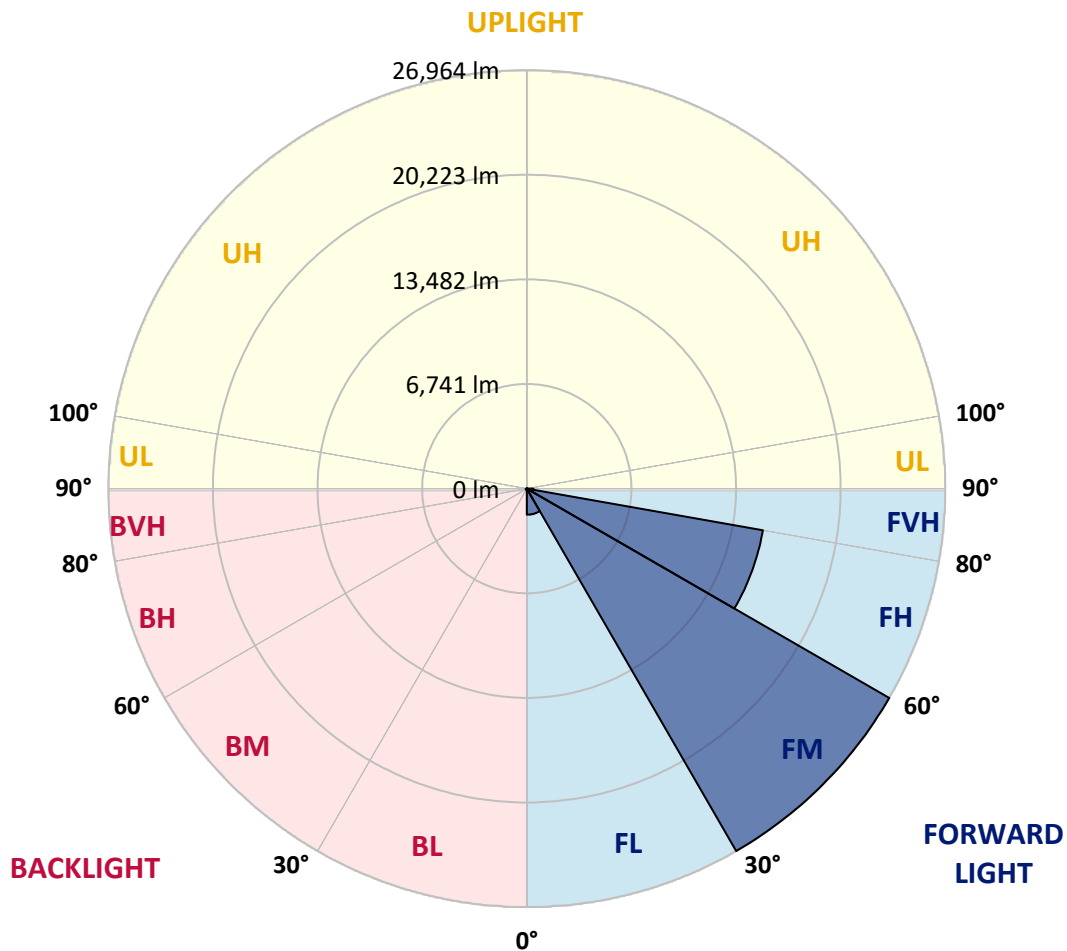
CATALOG NUMBER: GALN-SA9C-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1679.0	3.8			
FM	(30°-60°)	26964.4	60.3			
FH	(60°-80°)	15447.4	34.6			G5
FVH	(80°-90°)	427.1	1.0			G3/500
BL	(0°-30°)	42.8	0.1	B0/110		
BM	(30°-60°)	72.6	0.2	B0/220		
BH	(60°-80°)	67.3	0.2	B0/110		G0/110
BVH	(80°-90°)	8.1	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 II Short



REPORT NUMBER: P1047731

CATALOG NUMBER: GALN-SA9C-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7
2.5°	332.2	335.2	329.1	316.8	307.5	307.5	304.5	295.2	295.2	286.0	279.9
5°	464.4	458.2	445.9	421.3	399.8	378.3	356.8	335.2	332.2	304.5	286.0
7.5°	759.6	765.8	725.8	648.9	584.3	501.3	424.4	378.3	372.1	326.0	289.1
10°	1666.9	1620.8	1528.5	1230.2	1011.8	762.7	565.9	439.8	433.6	350.6	295.2
12.5°	3038.6	3001.7	2832.5	2525.0	1962.2	1365.5	827.3	544.4	525.9	372.1	298.3
15°	4379.5	4321.1	4228.8	3918.2	3260.0	2448.1	1353.2	744.3	695.1	402.9	295.2
17.5°	5234.5	5243.7	5160.7	5028.4	4604.0	3622.9	2337.4	1110.2	1014.9	458.2	289.1
20°	5981.8	5960.3	6006.4	5935.7	5637.4	4923.8	3401.5	1759.2	1596.2	547.4	292.2
22.5°	6842.9	6895.2	6929.1	6913.7	6584.6	5975.7	4610.1	2632.6	2426.6	710.4	301.4
25°	7996.3	7990.1	7993.2	7953.2	7633.3	6956.7	5821.9	3718.3	3509.1	974.9	322.9
27.5°	9204.9	9241.8	9257.2	9112.7	8694.4	8030.1	6944.4	4905.4	4659.4	1399.3	350.6
30°	10856.5	10825.7	10755.0	10459.7	9952.3	9128.0	8051.6	6151.0	5892.6	1992.9	393.7
32.5°	13083.1	13049.3	12692.5	12040.5	11280.9	10272.1	9164.9	7399.6	7085.9	2734.1	452.1
35°	16752.2	16804.4	15927.9	14239.5	12877.0	11646.9	10398.2	8642.1	8365.3	3647.5	532.1
37.5°	22371.1	22085.0	20894.8	17911.6	14977.6	13363.0	11576.1	9896.9	9657.0	4773.1	636.6
40°	27830.0	27547.1	27202.6	24376.3	18628.2	15254.4	13224.6	11370.1	11059.4	6043.3	790.4
42.5°	33568.9	33412.0	33396.7	31265.4	25289.7	18228.4	15208.3	13095.4	12830.9	7436.5	1042.6
45°	37634.7	37477.8	37806.9	38179.0	34362.4	24600.8	18662.0	15337.4	14953.0	9128.0	1445.5
47.5°	38182.1	38188.3	39067.9	40233.5	41103.8	34457.7	23263.0	18308.3	17840.9	11548.4	2122.1
50°	36361.4	36432.2	37831.5	39916.7	42260.2	42727.7	31376.1	22620.2	21928.2	14417.9	3081.6
52.5°	32895.4	32975.3	34925.2	38354.3	41196.1	44714.4	40928.5	28260.6	27464.1	17997.7	4434.8
55°	29773.7	29823.0	32058.8	36392.2	39913.6	43634.9	46599.7	35792.5	34746.8	22401.8	5769.6
57.5°	26682.9	26569.1	28023.8	32984.6	39695.3	42309.4	47436.2	44376.1	43222.8	27214.9	6809.1
60°	22549.4	22358.8	23527.4	26682.9	36822.8	43179.8	45870.8	49124.7	48863.3	33916.4	7611.8
61°	20172.1	20092.1	21267.0	23973.4	34405.4	42958.3	45495.6	49324.6	49352.3	37087.2	7971.7
62.5°	14405.6	14633.1	16429.2	19947.6	28817.3	41522.1	45544.8	48706.4	48980.1	41300.7	8903.5
65°	6403.2	6769.1	8165.4	11028.7	16758.3	34540.7	45108.1	47350.1	47214.8	42457.0	12114.3
67.5°	3798.2	3853.6	4548.6	6249.4	8875.8	18579.0	39806.0	45557.1	45375.7	36961.2	15072.9
70°	2992.4	3020.1	3241.6	3921.2	5151.4	7116.7	22718.6	39415.4	40205.8	29970.6	14756.2
72.5°	2838.7	2832.5	2863.3	2983.2	3244.6	3530.7	8795.9	26200.0	27808.5	21583.7	12372.7
75°	2801.8	2789.5	2758.7	2712.6	2349.7	2079.0	2724.9	11588.4	12520.3	14746.9	9315.6
77.5°	2718.7	2721.8	2728.0	2601.9	2014.4	1470.1	1319.4	3718.3	4573.2	9358.7	6621.5
80°	1839.1	1866.8	1913.0	1863.7	1811.5	1064.1	931.9	1322.5	1340.9	5252.9	4373.3
82.5°	931.9	931.9	910.3	811.9	701.2	692.0	741.2	959.6	971.9	2657.2	2057.5
85°	562.8	593.6	605.9	550.5	504.4	464.4	565.9	762.7	790.4	1030.3	479.8
87.5°	126.1	129.2	141.5	187.6	273.7	372.1	525.9	698.1	710.4	661.2	58.4
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-SA9C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7	273.7
2.5°	276.8	270.6	267.6	258.3	249.1	239.9	233.7	230.7	233.7	236.8	236.8
5°	273.7	264.5	249.1	233.7	221.4	209.1	196.8	193.8	193.8	196.8	196.8
7.5°	273.7	258.3	236.8	218.4	199.9	181.5	172.2	166.1	169.2	169.2	169.2
10°	273.7	255.3	227.6	199.9	178.4	156.8	141.5	135.3	135.3	135.3	135.3
12.5°	270.6	252.2	218.4	184.5	153.8	129.2	110.7	101.5	104.6	104.6	104.6
15°	264.5	243.0	206.1	156.8	123.0	98.4	80.0	70.7	73.8	80.0	83.0
17.5°	255.3	233.7	184.5	132.2	98.4	73.8	55.4	49.2	52.3	61.5	61.5
20°	252.2	224.5	163.0	107.6	73.8	52.3	36.9	30.8	33.8	46.1	49.2
22.5°	252.2	218.4	147.6	89.2	55.4	33.8	21.5	12.3	12.3	21.5	21.5
25°	255.3	215.3	135.3	73.8	40.0	24.6	12.3	6.2	12.3	33.8	40.0
27.5°	261.4	212.2	129.2	61.5	30.8	21.5	9.2	21.5	36.9	36.9	36.9
30°	267.6	206.1	119.9	52.3	27.7	15.4	15.4	30.8	30.8	36.9	40.0
32.5°	276.8	203.0	113.8	46.1	21.5	12.3	21.5	18.5	18.5	21.5	24.6
35°	295.2	206.1	107.6	46.1	21.5	15.4	18.5	9.2	6.2	6.2	6.2
37.5°	319.9	209.1	98.4	40.0	18.5	18.5	9.2	0.0	0.0	0.0	0.0
40°	359.8	218.4	92.3	36.9	15.4	15.4	3.1	0.0	0.0	0.0	0.0
42.5°	427.5	236.8	89.2	33.8	15.4	12.3	0.0	0.0	0.0	0.0	0.0
45°	562.8	279.9	83.0	30.8	15.4	6.2	0.0	0.0	0.0	0.0	0.0
47.5°	808.9	381.4	80.0	24.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	1181.0	516.7	76.9	21.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1507.0	544.4	52.3	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1543.9	375.2	40.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	1230.2	243.0	33.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	931.9	184.5	30.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	895.0	166.1	30.8	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	987.2	144.5	27.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1605.4	119.9	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2789.5	104.6	21.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3524.5	98.4	18.5	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3072.4	89.2	18.5	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
75°	1848.4	76.9	18.5	12.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	968.8	58.4	18.5	15.4	9.2	3.1	0.0	0.0	0.0	0.0	0.0
80°	470.5	52.3	21.5	15.4	12.3	6.2	0.0	0.0	0.0	0.0	0.0
82.5°	184.5	43.1	24.6	21.5	15.4	9.2	3.1	0.0	0.0	0.0	0.0
85°	83.0	36.9	27.7	24.6	21.5	12.3	3.1	0.0	0.0	0.0	0.0
87.5°	43.1	33.8	30.8	27.7	21.5	15.4	6.2	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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 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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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

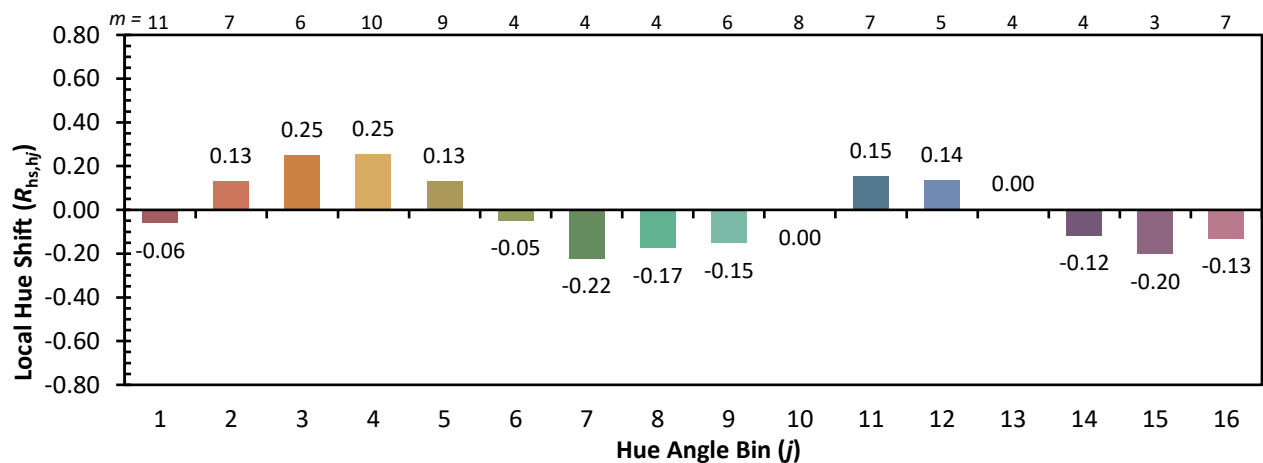


Individual Sample Fidelity Index ($R_{f,i}$)

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)