

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: P1047711

Luminaire Tested: **GALN-SA4C-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047711
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20382.1 lumens
Efficiency: N/A
Efficacy: 107.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 190.4
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

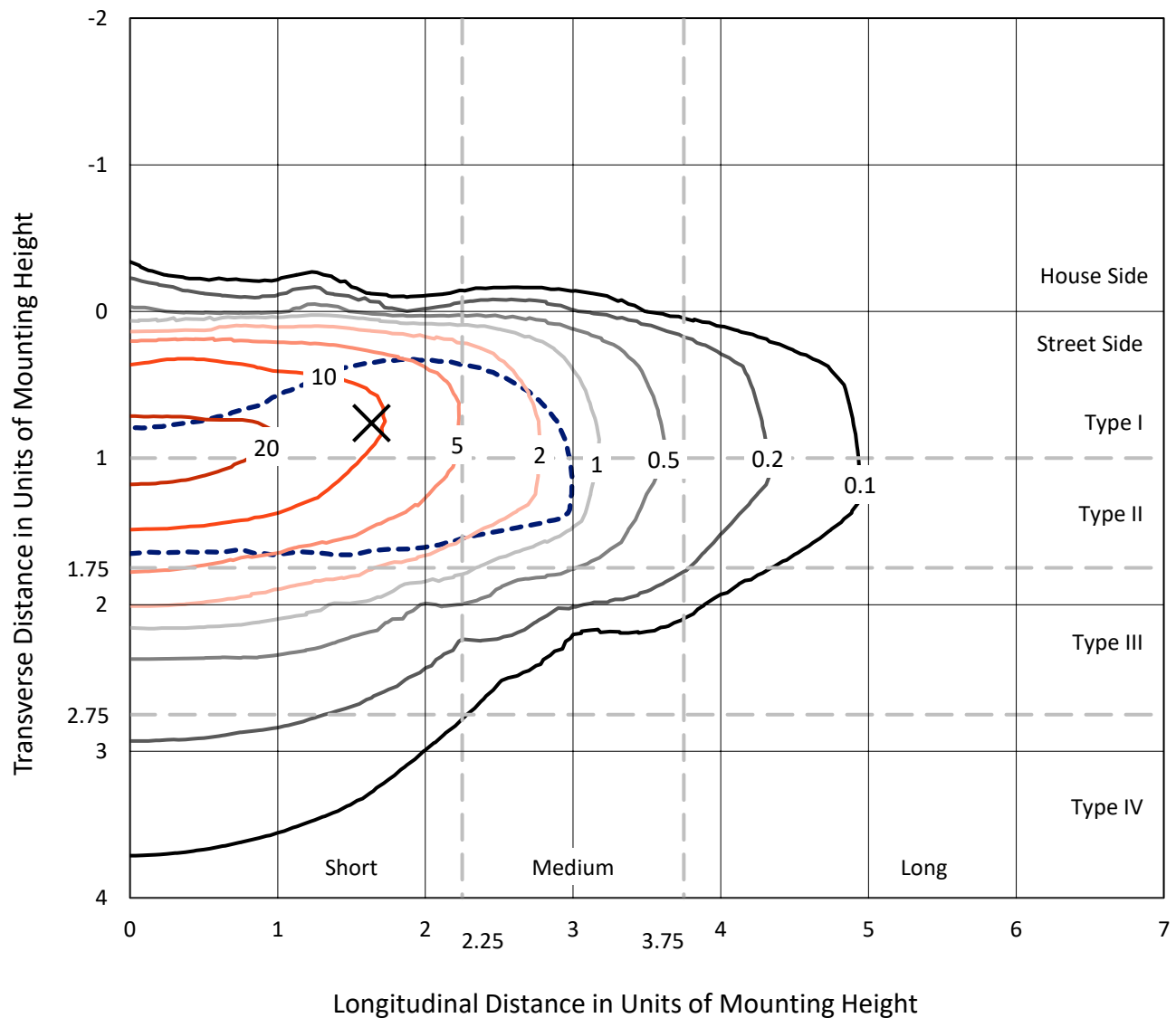


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

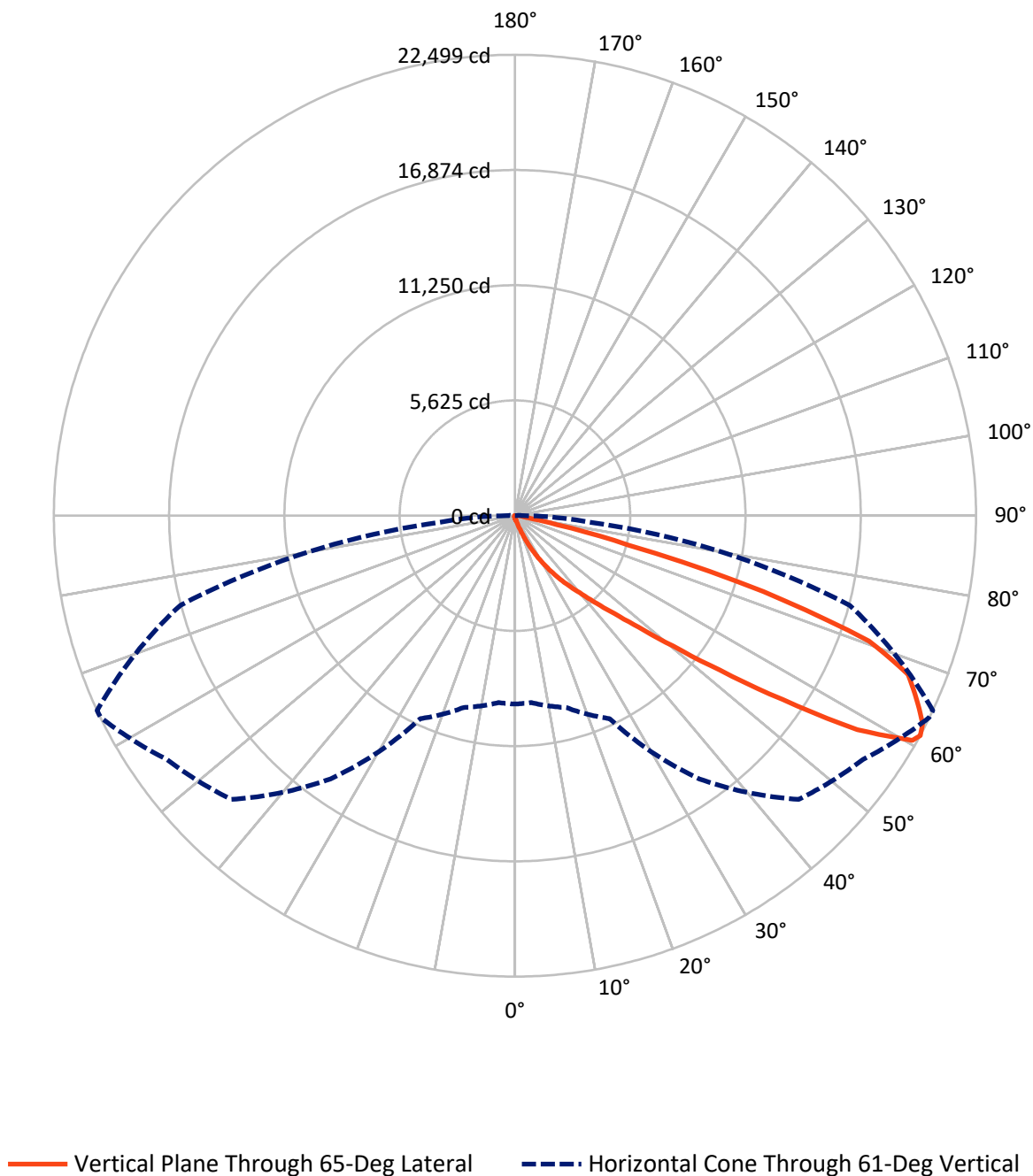


Based on 15 foot mounting height. Maximum calculated value = 27 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.0	0.0	87.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20295.1	0.0	20295.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	20382.1	0.0	20382.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.9	0.1
10°-20°	167.6	0.8
20°-30°	601.5	3.0
30°-40°	1601.4	7.9
40°-50°	4207.0	20.6
50°-60°	6517.4	32.0
60°-70°	5464.8	26.8
70°-80°	1608.2	7.9
80°-90°	198.4	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°	20382.1	100.0
0°-180°	20382.1	100.0



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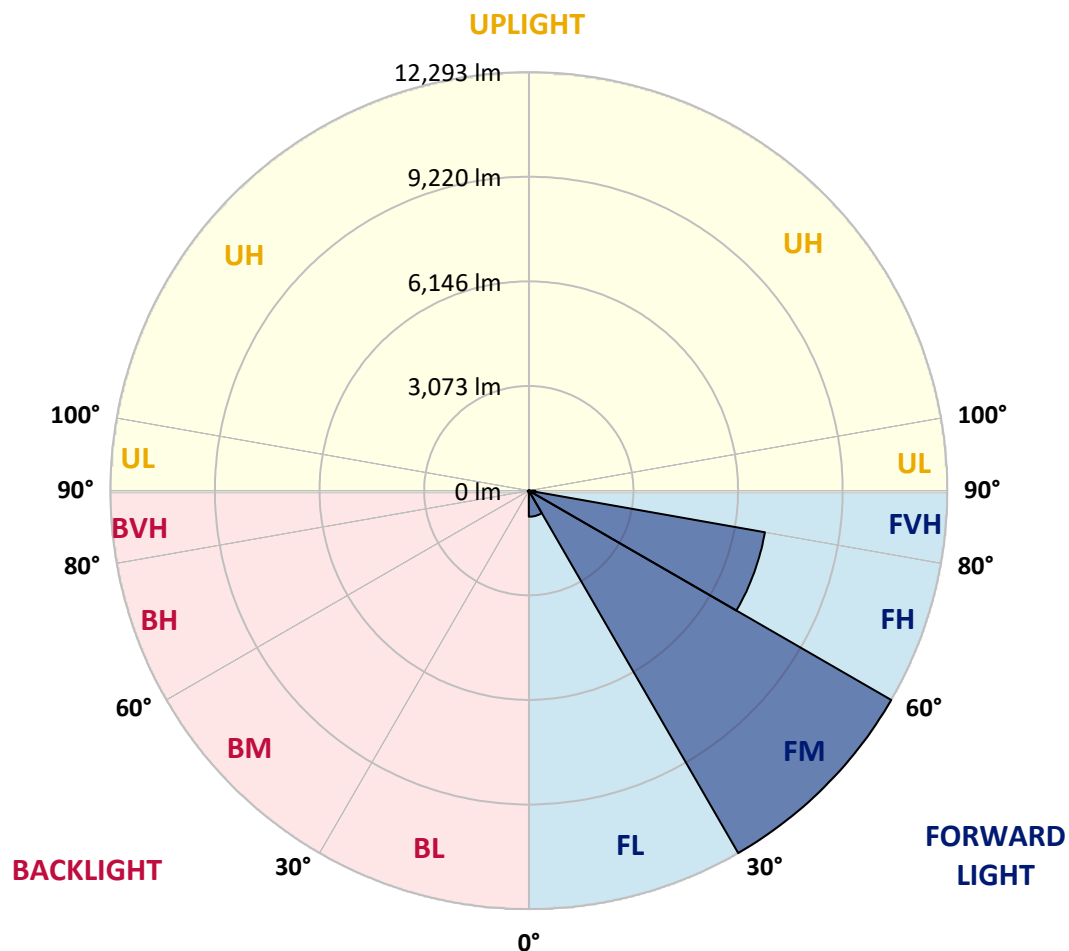
CATALOG NUMBER: GALN-SA4C-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	765.5	3.8			
FM	(30°-60°)	12292.7	60.3			
FH	(60°-80°)	7042.2	34.6			G3/7500
FVH	(80°-90°)	194.7	1.0			G2/225
BL	(0°-30°)	19.5	0.1	B0/110		
BM	(30°-60°)	33.1	0.2	B0/220		
BH	(60°-80°)	30.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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 II Short



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CATALOG NUMBER: GALN-SA4C-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
2.5°	151.4	152.8	150.0	144.4	140.2	140.2	138.8	134.6	134.6	130.4	127.6
5°	211.7	208.9	203.3	192.1	182.3	172.5	162.6	152.8	151.4	138.8	130.4
7.5°	346.3	349.1	330.9	295.8	266.4	228.5	193.5	172.5	169.7	148.6	131.8
10°	759.9	738.9	696.8	560.8	461.3	347.7	258.0	200.5	197.7	159.8	134.6
12.5°	1385.2	1368.4	1291.3	1151.1	894.5	622.5	377.2	248.2	239.8	169.7	136.0
15°	1996.6	1969.9	1927.9	1786.2	1486.2	1116.1	616.9	339.3	316.9	183.7	134.6
17.5°	2386.3	2390.5	2352.7	2292.4	2098.9	1651.6	1065.6	506.1	462.7	208.9	131.8
20°	2727.0	2717.2	2738.2	2706.0	2570.0	2244.7	1550.7	802.0	727.7	249.6	133.2
22.5°	3119.6	3143.4	3158.9	3151.9	3001.8	2724.2	2101.7	1200.2	1106.2	323.9	137.4
25°	3645.4	3642.6	3644.0	3625.8	3479.9	3171.5	2654.1	1695.1	1599.8	444.5	147.2
27.5°	4196.4	4213.2	4220.2	4154.3	3963.7	3660.8	3165.9	2236.3	2124.1	637.9	159.8
30°	4949.3	4935.3	4903.1	4768.5	4537.1	4161.4	3670.6	2804.1	2686.4	908.5	179.5
32.5°	5964.4	5949.0	5786.4	5489.1	5142.8	4682.9	4178.2	3373.4	3230.4	1246.4	206.1
35°	7637.1	7660.9	7261.3	6491.6	5870.5	5309.7	4740.4	3939.8	3813.6	1662.9	242.6
37.5°	10198.7	10068.3	9525.7	8165.7	6828.1	6092.0	5277.4	4511.9	4402.5	2176.0	290.2
40°	12687.4	12558.4	12401.3	11112.8	8492.4	6954.3	6028.9	5183.5	5041.9	2755.1	360.3
42.5°	15303.6	15232.1	15225.1	14253.5	11529.2	8310.1	6933.3	5970.0	5849.4	3390.2	475.3
45°	17157.2	17085.7	17235.7	17405.3	15665.4	11215.2	8507.8	6992.1	6816.9	4161.4	659.0
47.5°	17406.7	17409.5	17810.5	18341.9	18738.7	15708.8	10605.3	8346.5	8133.4	5264.8	967.4
50°	16576.7	16609.0	17246.9	18197.5	19265.9	19479.0	14304.0	10312.2	9996.8	6572.9	1404.9
52.5°	14996.6	15033.0	15921.9	17485.3	18780.8	20384.7	18658.8	12883.7	12520.5	8204.9	2021.8
55°	13573.5	13595.9	14615.2	16590.7	18196.1	19892.6	21244.2	16317.3	15840.6	10212.7	2630.3
57.5°	12164.4	12112.5	12775.7	15037.2	18096.6	19288.3	21625.6	20230.5	19704.7	12406.9	3104.2
60°	10280.0	10193.1	10725.9	12164.4	16787.0	19685.1	20911.9	22395.3	22276.1	15462.1	3470.1
61°	9196.2	9159.7	9695.3	10929.2	15685.0	19584.2	20740.9	22486.5	22499.1	16907.6	3634.2
62.5°	6567.3	6671.1	7489.9	9093.8	13137.4	18929.4	20763.3	22204.6	22329.4	18828.4	4059.0
65°	2919.1	3086.0	3722.5	5027.8	7639.9	15746.7	20564.2	21586.3	21524.6	19355.6	5522.8
67.5°	1731.6	1756.8	2073.7	2849.0	4046.4	8469.9	18147.0	20768.9	20686.2	16850.1	6871.6
70°	1364.2	1376.8	1477.8	1787.6	2348.5	3244.4	10357.1	17969.0	18329.3	13663.2	6727.1
72.5°	1294.1	1291.3	1305.3	1360.0	1479.2	1609.6	4009.9	11944.3	12677.5	9839.7	5640.5
75°	1277.3	1271.7	1257.7	1236.6	1071.2	947.8	1242.2	5283.0	5707.8	6722.9	4246.9
77.5°	1239.4	1240.8	1243.6	1186.2	918.4	670.2	601.5	1695.1	2084.9	4266.5	3018.7
80°	838.4	851.1	872.1	849.7	825.8	485.1	424.8	602.9	611.3	2394.7	1993.7
82.5°	424.8	424.8	415.0	370.1	319.7	315.5	337.9	437.4	443.1	1211.4	938.0
85°	256.6	270.6	276.2	251.0	229.9	211.7	258.0	347.7	360.3	469.7	218.7
87.5°	57.5	58.9	64.5	85.5	124.8	169.7	239.8	318.3	323.9	301.4	26.6
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-SA4C-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
2.5°	126.2	123.4	122.0	117.8	113.6	109.4	106.6	105.2	106.6	108.0	108.0
5°	124.8	120.6	113.6	106.6	100.9	95.3	89.7	88.3	88.3	89.7	89.7
7.5°	124.8	117.8	108.0	99.5	91.1	82.7	78.5	75.7	77.1	77.1	77.1
10°	124.8	116.4	103.8	91.1	81.3	71.5	64.5	61.7	61.7	61.7	61.7
12.5°	123.4	115.0	99.5	84.1	70.1	58.9	50.5	46.3	47.7	47.7	47.7
15°	120.6	110.8	93.9	71.5	56.1	44.9	36.5	32.2	33.6	36.5	37.9
17.5°	116.4	106.6	84.1	60.3	44.9	33.6	25.2	22.4	23.8	28.0	28.0
20°	115.0	102.4	74.3	49.1	33.6	23.8	16.8	14.0	15.4	21.0	22.4
22.5°	115.0	99.5	67.3	40.7	25.2	15.4	9.8	5.6	5.6	9.8	9.8
25°	116.4	98.1	61.7	33.6	18.2	11.2	5.6	2.8	5.6	15.4	18.2
27.5°	119.2	96.7	58.9	28.0	14.0	9.8	4.2	9.8	16.8	16.8	16.8
30°	122.0	93.9	54.7	23.8	12.6	7.0	7.0	14.0	14.0	16.8	18.2
32.5°	126.2	92.5	51.9	21.0	9.8	5.6	9.8	8.4	8.4	9.8	11.2
35°	134.6	93.9	49.1	21.0	9.8	7.0	8.4	4.2	2.8	2.8	2.8
37.5°	145.8	95.3	44.9	18.2	8.4	8.4	4.2	0.0	0.0	0.0	0.0
40°	164.0	99.5	42.1	16.8	7.0	7.0	1.4	0.0	0.0	0.0	0.0
42.5°	194.9	108.0	40.7	15.4	7.0	5.6	0.0	0.0	0.0	0.0	0.0
45°	256.6	127.6	37.9	14.0	7.0	2.8	0.0	0.0	0.0	0.0	0.0
47.5°	368.7	173.9	36.5	11.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0
50°	538.4	235.5	35.1	9.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	687.0	248.2	23.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	703.8	171.1	18.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	560.8	110.8	15.4	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	424.8	84.1	14.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	408.0	75.7	14.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	450.1	65.9	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	731.9	54.7	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1271.7	47.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1606.8	44.9	8.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1400.7	40.7	8.4	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
75°	842.6	35.1	8.4	5.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	441.7	26.6	8.4	7.0	4.2	1.4	0.0	0.0	0.0	0.0	0.0
80°	214.5	23.8	9.8	7.0	5.6	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	84.1	19.6	11.2	9.8	7.0	4.2	1.4	0.0	0.0	0.0	0.0
85°	37.9	16.8	12.6	11.2	9.8	5.6	1.4	0.0	0.0	0.0	0.0
87.5°	19.6	15.4	14.0	12.6	9.8	7.0	2.8	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

REPORT NUMBER: SP1-2407-184-3

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 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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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)