

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: LUMARK

Report Number: P1067443

Luminaire Tested: **NAV-SA2C-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067443
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2C-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 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: 9329.2 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

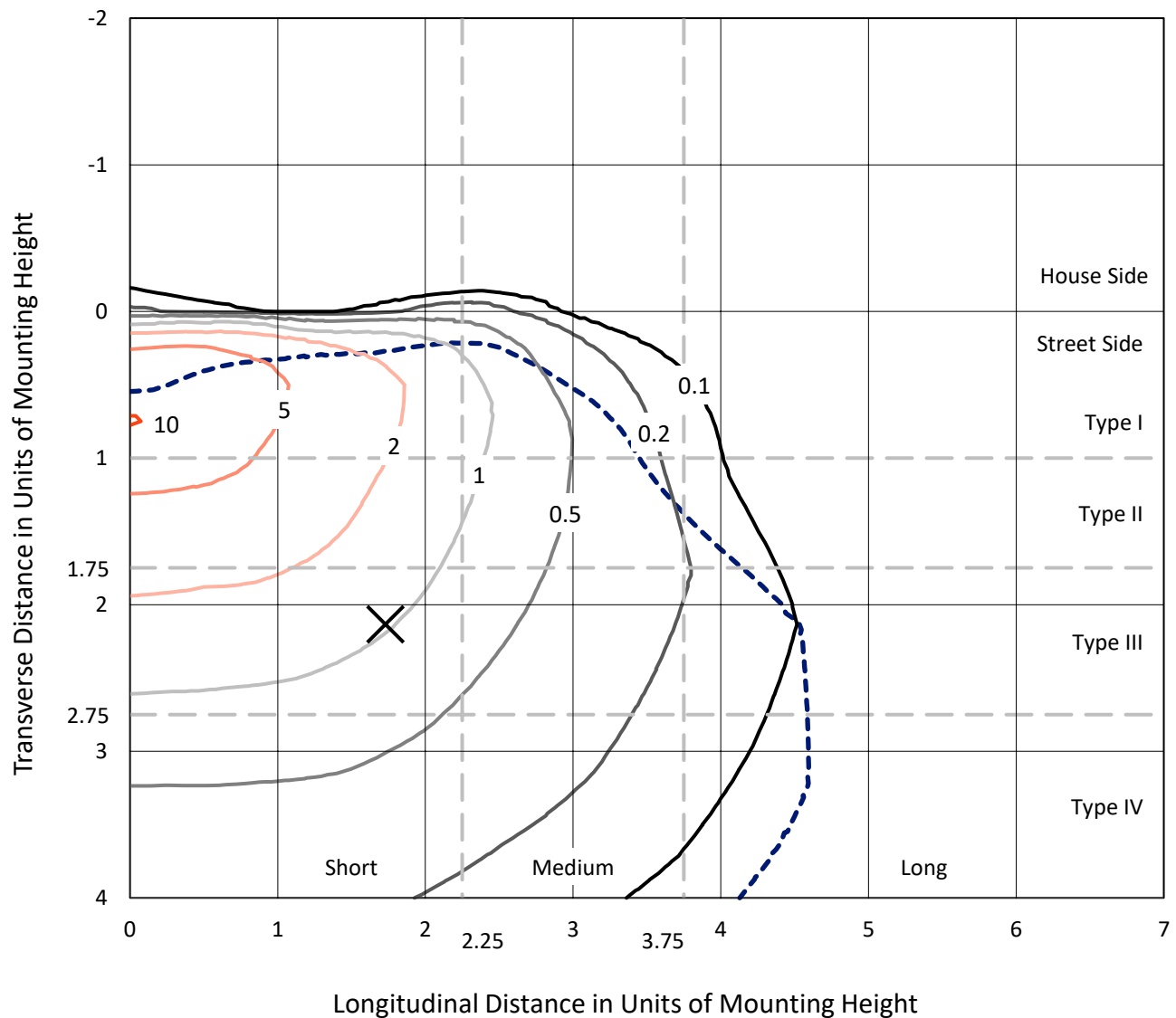


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

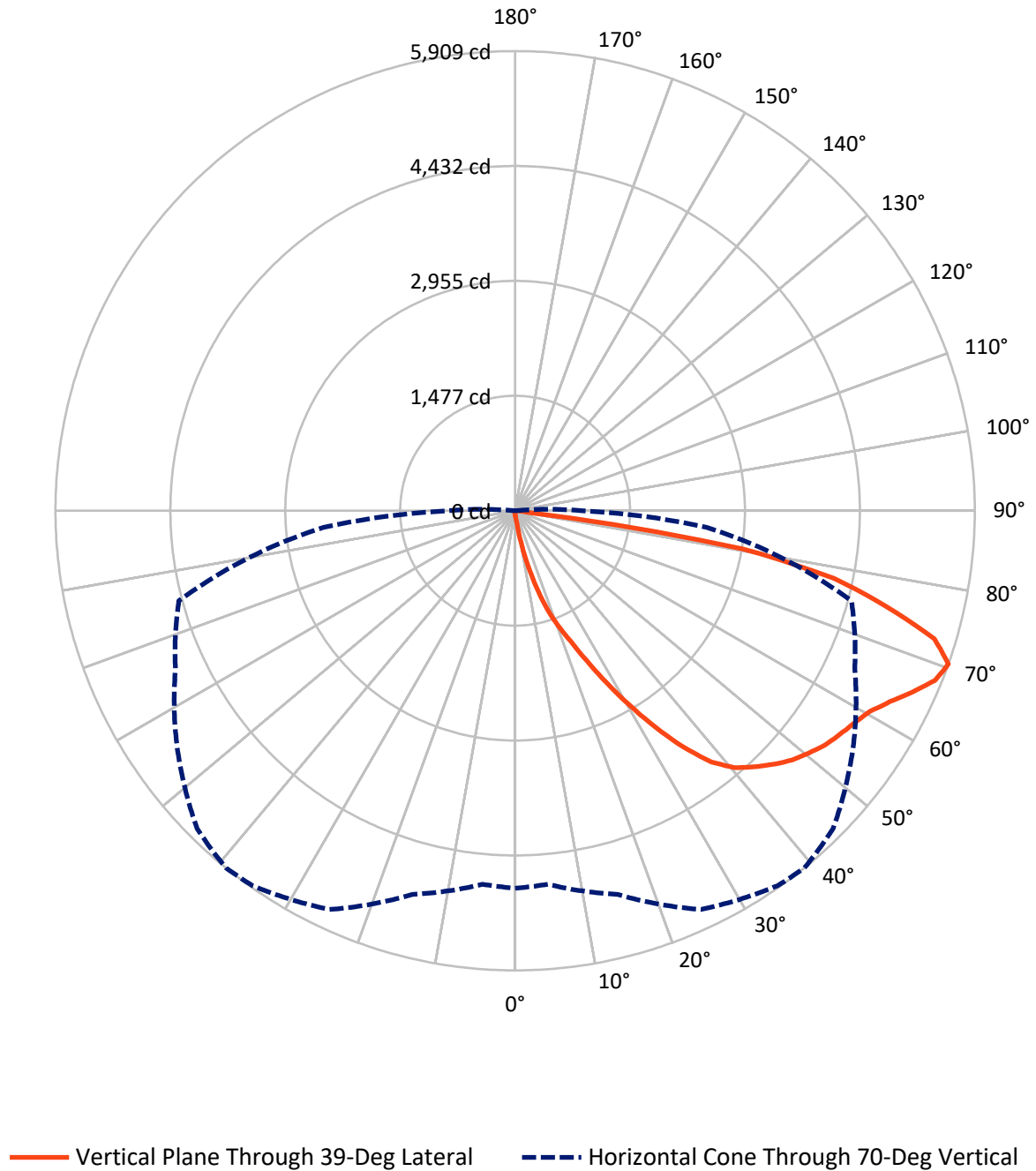


Based on 15 foot mounting height. Maximum calculated value = 10.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.7	0.0	28.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9300.4	0.0	9300.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	9329.2	0.0	9329.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.1
10°-20°	114.7	1.2
20°-30°	389.2	4.2
30°-40°	914.7	9.8
40°-50°	1485.3	15.9
50°-60°	1882.1	20.2
60°-70°	2390.8	25.6
70°-80°	1942.5	20.8
80°-90°	200.0	2.1
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°	9329.2	100.0
0°-180°	9329.2	100.0



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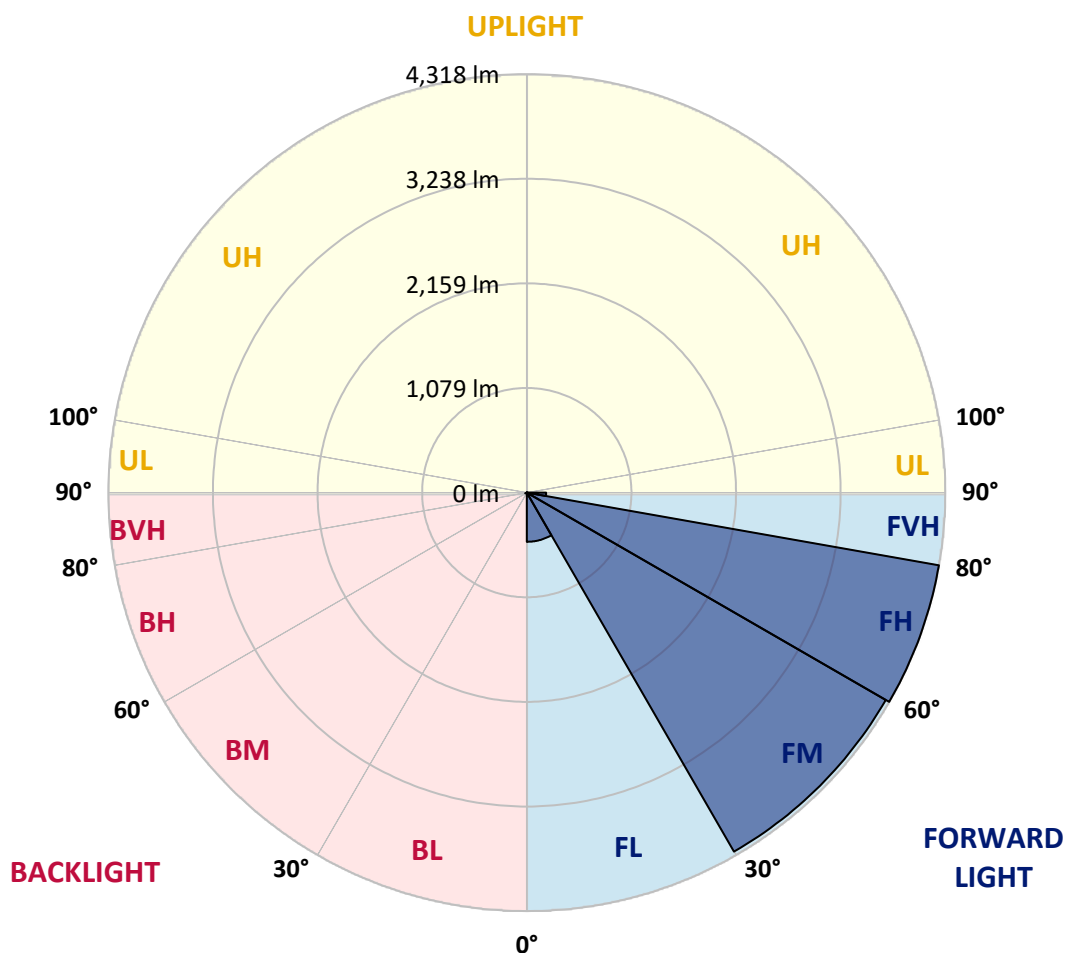
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	507.5	5.4			
FM	(30°-60°)	4276.6	45.8			
FH	(60°-80°)	4317.6	46.3			G2/5000
FVH	(80°-90°)	198.8	2.1			G2/225
BL	(0°-30°)	6.2	0.1	B0/110		
BM	(30°-60°)	5.5	0.1	B0/220		
BH	(60°-80°)	15.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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 IV Short



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CATALOG NUMBER: NAV-SA2C-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2.5°	65.9	65.9	65.9	63.3	63.3	60.8	60.8	58.3	55.7	55.7	53.2
5°	124.1	126.6	119.0	103.8	93.7	88.6	83.6	70.9	63.3	58.3	53.2
7.5°	339.4	329.3	314.1	263.4	202.6	172.2	146.9	103.8	76.0	60.8	53.2
10°	714.3	686.4	643.3	575.0	455.9	407.8	316.6	190.0	106.4	68.4	53.2
12.5°	1048.6	1053.7	1000.5	934.6	790.2	709.2	585.1	357.1	167.2	81.1	53.2
15°	1301.9	1296.8	1276.6	1223.4	1094.2	1015.7	904.2	600.3	281.1	101.3	55.7
17.5°	1502.0	1481.7	1474.1	1451.3	1367.7	1324.7	1203.1	884.0	445.8	136.8	58.3
20°	1702.1	1697.0	1689.4	1664.1	1608.4	1578.0	1484.2	1170.2	663.6	195.0	63.3
22.5°	1993.3	1965.5	1970.5	1914.8	1869.2	1816.0	1740.1	1474.1	914.4	278.6	70.9
25°	2335.3	2332.7	2292.2	2266.9	2190.9	2132.7	2031.3	1767.9	1193.0	402.7	78.5
27.5°	2738.0	2710.1	2692.4	2649.4	2570.8	2505.0	2365.7	2059.2	1494.4	542.0	88.6
30°	3158.5	3158.5	3125.5	3059.7	2983.7	2902.6	2760.8	2365.7	1793.3	719.3	101.3
32.5°	3649.8	3660.0	3578.9	3480.1	3381.3	3325.6	3140.7	2712.7	2079.5	922.0	116.5
35°	4126.0	4113.3	3979.1	3870.2	3796.7	3735.9	3578.9	3092.6	2403.7	1157.5	136.8
37.5°	4581.9	4549.0	4326.1	4171.6	4138.7	4098.1	3941.1	3472.5	2725.3	1418.4	162.1
40°	4908.6	4858.0	4627.5	4414.7	4366.6	4343.8	4222.2	3817.0	3064.7	1709.7	195.0
42.5°	5050.5	4992.2	4832.7	4660.4	4554.0	4500.9	4394.5	4098.1	3404.1	2033.9	243.2
45°	5078.3	5032.8	4918.8	4878.2	4733.9	4652.8	4508.5	4298.2	3720.7	2355.5	309.0
47.5°	4977.0	4956.8	4888.4	4974.5	4901.0	4789.6	4614.8	4447.7	4001.9	2745.6	400.2
50°	4728.8	4713.6	4746.5	4972.0	5022.6	4896.0	4731.3	4564.2	4245.0	3148.3	529.4
52.5°	4394.5	4391.9	4546.4	4906.1	5075.8	4997.3	4845.3	4680.7	4437.5	3538.4	711.7
55°	4029.7	4072.8	4343.8	4845.3	5106.2	5070.7	4956.8	4784.5	4609.8	3900.6	1005.5
57.5°	3999.4	3981.6	4242.5	4820.0	5123.9	5144.2	5068.2	4893.4	4756.7	4196.9	1398.1
60°	4303.3	4262.8	4361.6	4873.2	5202.5	5237.9	5179.7	4977.0	4903.6	4429.9	1914.8
62.5°	4655.4	4617.4	4668.0	5078.3	5357.0	5407.6	5334.2	5063.1	5022.6	4592.0	2469.5
65°	4936.5	4906.1	5002.4	5384.8	5572.2	5615.3	5564.6	5222.7	5075.8	4723.7	2920.4
67.5°	4982.1	4944.1	5144.2	5590.0	5790.1	5820.5	5779.9	5377.2	5058.1	4733.9	3024.2
70°	4852.9	4820.0	5106.2	5655.8	5883.8	5909.1	5779.9	5303.8	4817.5	4475.5	2472.1
72.5°	4455.3	4480.6	4850.4	5496.3	5754.6	5638.1	5364.6	4934.0	4505.9	3794.2	1735.0
75°	3837.3	3865.1	4356.5	5058.1	5078.3	4936.5	4789.6	4538.8	4032.3	2499.9	1203.1
77.5°	2727.9	2629.1	3363.6	4176.7	4103.2	4194.4	4207.0	3776.5	3376.3	1301.9	805.4
80°	268.5	228.0	423.0	1198.0	2646.8	2958.4	3079.9	2910.2	2489.8	582.6	423.0
82.5°	58.3	58.3	63.3	68.4	106.4	159.6	732.0	1793.3	1608.4	296.3	136.8
85°	32.9	32.9	40.5	48.1	63.3	70.9	83.6	111.4	433.1	106.4	25.3
87.5°	25.3	27.9	32.9	40.5	53.2	58.3	70.9	88.6	108.9	98.8	7.6
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
2.5°	53.2	50.7	48.1	45.6	43.1	43.1	40.5	40.5	40.5	40.5	40.5
5°	50.7	48.1	45.6	40.5	38.0	35.5	32.9	32.9	32.9	32.9	32.9
7.5°	50.7	48.1	43.1	38.0	32.9	30.4	27.9	25.3	25.3	27.9	27.9
10°	50.7	45.6	38.0	32.9	27.9	25.3	22.8	20.3	20.3	20.3	20.3
12.5°	48.1	43.1	35.5	30.4	25.3	20.3	15.2	12.7	12.7	12.7	12.7
15°	45.6	40.5	32.9	25.3	17.7	12.7	10.1	7.6	7.6	7.6	7.6
17.5°	45.6	38.0	30.4	22.8	12.7	7.6	5.1	2.5	2.5	2.5	5.1
20°	45.6	38.0	27.9	17.7	7.6	5.1	5.1	2.5	0.0	2.5	2.5
22.5°	45.6	35.5	22.8	12.7	7.6	5.1	2.5	0.0	0.0	0.0	0.0
25°	48.1	35.5	20.3	10.1	5.1	2.5	0.0	0.0	0.0	0.0	0.0
27.5°	48.1	32.9	17.7	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0
30°	50.7	32.9	15.2	5.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	50.7	30.4	10.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	50.7	27.9	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	50.7	25.3	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	53.2	22.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	55.7	20.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	58.3	17.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	65.9	17.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	76.0	17.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	91.2	17.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	119.0	15.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	172.2	15.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	288.7	15.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	506.6	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	856.1	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1117.0	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	848.5	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	405.3	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	179.8	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	78.5	7.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	30.4	5.1	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0	0.0
82.5°	12.7	5.1	2.5	2.5	2.5	2.5	2.5	0.0	0.0	0.0	0.0
85°	7.6	5.1	5.1	5.1	2.5	2.5	2.5	0.0	0.0	0.0	0.0
87.5°	5.1	5.1	5.1	5.1	5.1	2.5	2.5	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 $\text{W}^\wedge/\text{nm}$	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)