

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: P1066965

Luminaire Tested: **NAV-SA3A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066965
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3A-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9364.1 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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

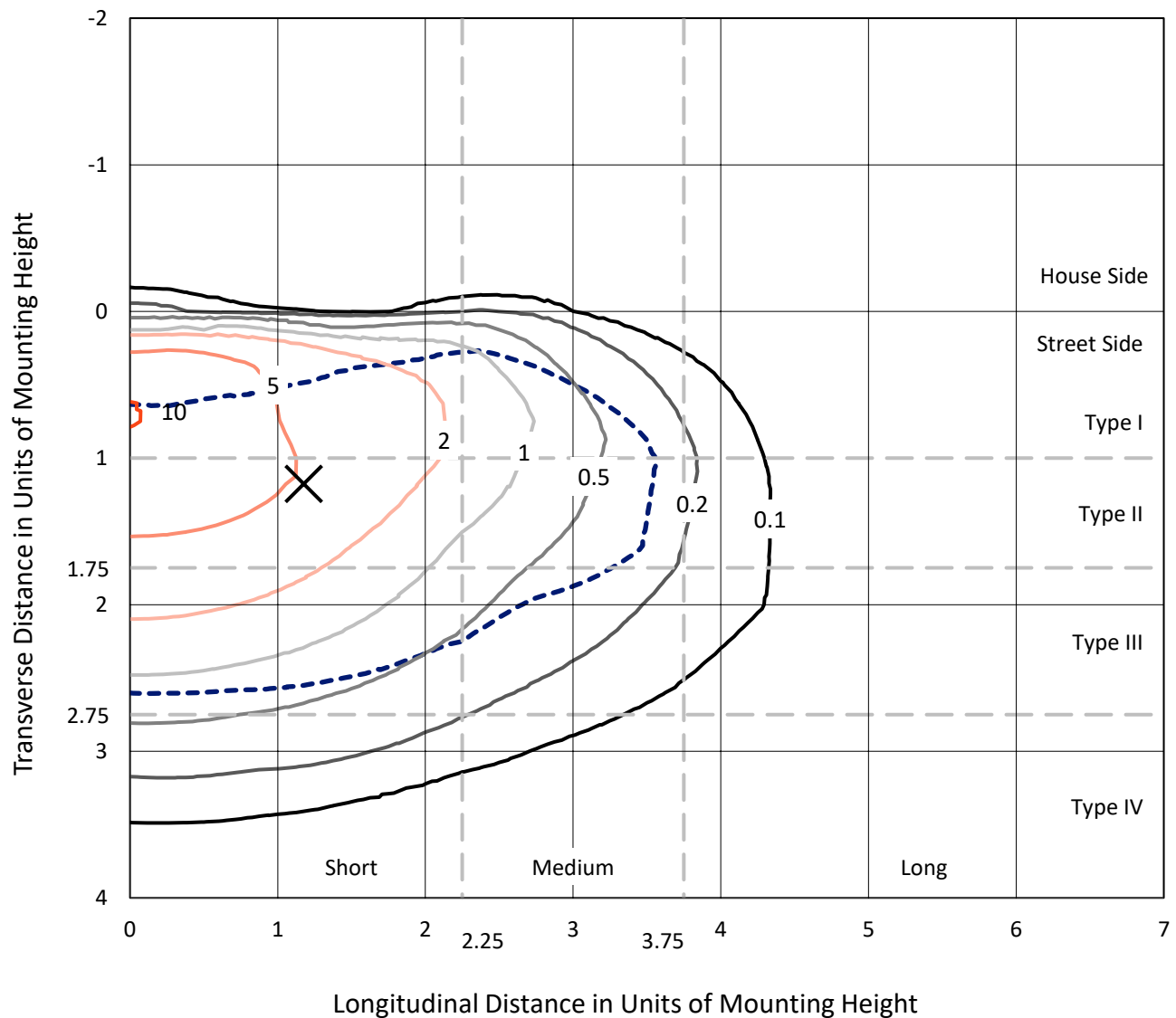


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

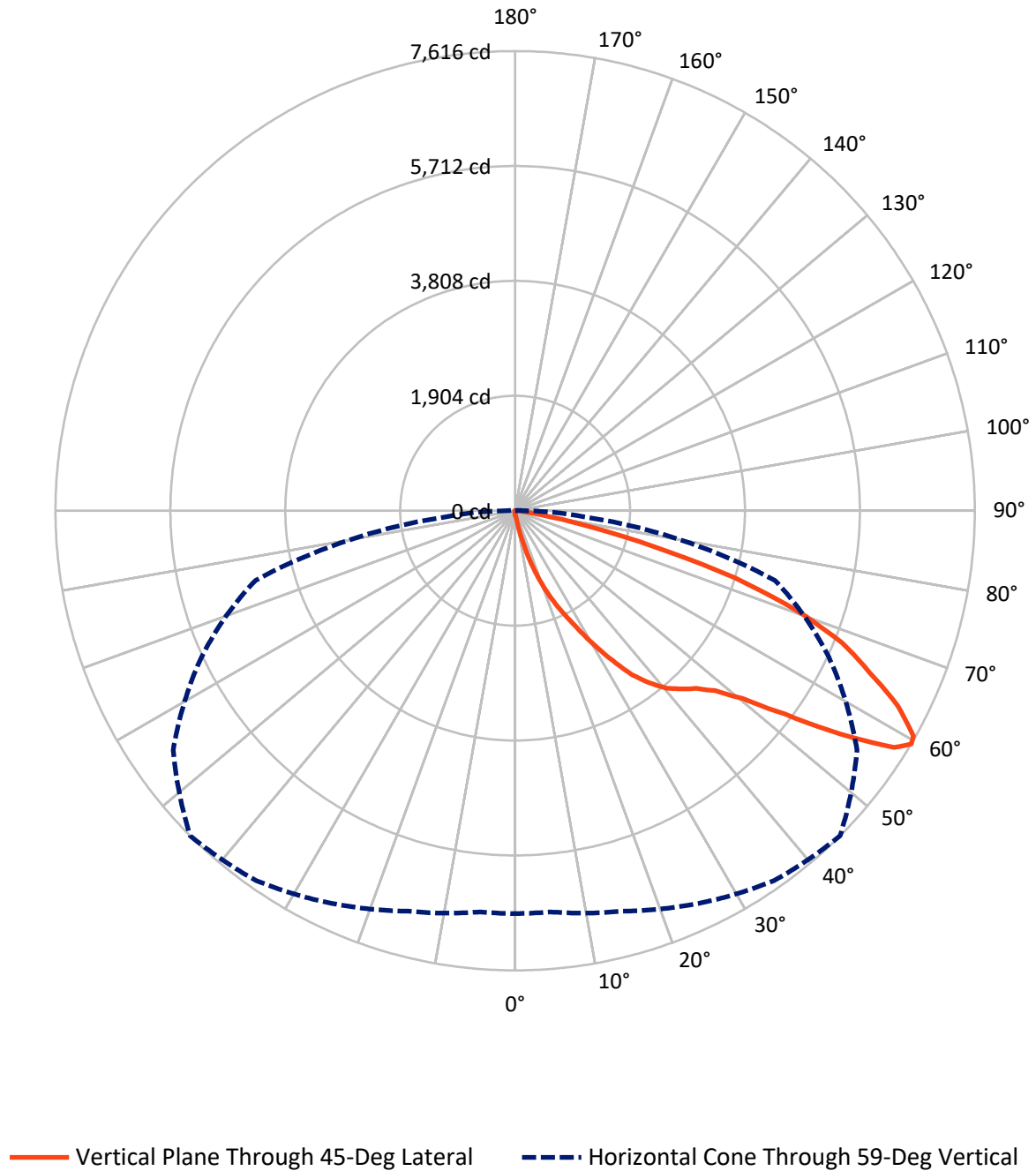


Based on 15 foot mounting height. Maximum calculated value = 10.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	33.2	0.0	33.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9330.8	0.0	9330.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	9364.1	0.0	9364.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.1
10°-20°	103.5	1.1
20°-30°	371.9	4.0
30°-40°	864.2	9.2
40°-50°	1472.9	15.7
50°-60°	2427.0	25.9
60°-70°	2806.1	30.0
70°-80°	1205.6	12.9
80°-90°	104.2	1.1
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°	9364.1	100.0
0°-180°	9364.1	100.0



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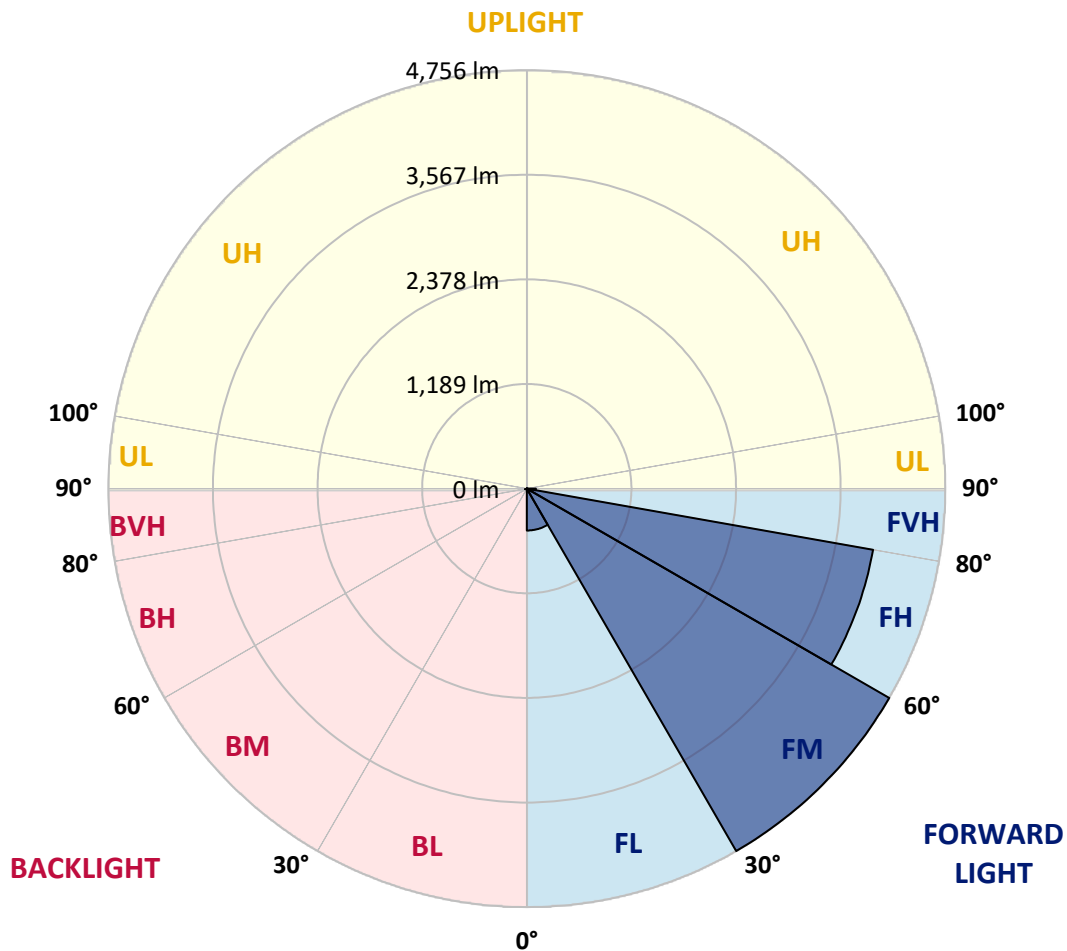
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	475.9	5.1			
FM	(30°-60°)	4756.0	50.8			
FH	(60°-80°)	3996.1	42.7			G2/5000
FVH	(80°-90°)	102.8	1.1			G2/225
BL	(0°-30°)	8.2	0.1	B0/110		
BM	(30°-60°)	8.0	0.1	B0/220		
BH	(60°-80°)	15.6	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
2.5°	76.8	76.8	74.9	72.4	71.8	69.9	69.9	68.0	65.5	63.6	61.1
5°	111.4	110.8	105.8	99.5	91.3	86.3	86.3	79.3	73.0	67.4	62.3
7.5°	243.7	238.0	219.7	189.5	149.9	123.4	121.5	98.9	83.7	72.4	63.0
10°	559.1	539.6	513.8	441.4	326.2	227.9	223.5	144.2	100.1	78.1	64.2
12.5°	916.1	931.9	880.2	766.3	631.5	469.7	438.2	243.0	132.2	85.6	65.5
15°	1241.0	1237.2	1208.3	1115.1	959.6	744.2	724.7	422.5	189.5	97.6	66.7
17.5°	1484.1	1479.7	1452.0	1392.1	1272.5	1057.2	1040.2	673.7	297.2	114.6	68.0
20°	1740.3	1734.7	1695.6	1647.8	1543.3	1360.0	1339.9	954.5	465.3	142.3	68.0
22.5°	2047.6	2036.9	1995.3	1914.1	1803.9	1644.6	1626.4	1241.7	673.7	187.6	71.1
25°	2419.1	2400.8	2343.5	2270.5	2137.6	1926.1	1906.6	1561.5	924.9	256.3	74.3
27.5°	2842.8	2846.0	2768.5	2645.1	2466.9	2251.0	2214.5	1848.0	1185.0	354.5	78.1
30°	3345.9	3314.4	3205.5	3061.9	2888.8	2613.6	2578.4	2133.2	1477.1	499.3	84.4
32.5°	3816.9	3782.9	3636.2	3455.5	3269.7	2979.5	2950.5	2453.7	1742.8	670.6	95.7
35°	4221.1	4197.2	3991.9	3771.6	3606.6	3347.2	3338.4	2811.4	2055.2	855.1	108.3
37.5°	4576.9	4533.4	4269.6	4041.0	3873.6	3641.2	3622.3	3138.8	2356.1	1069.1	127.2
40°	4880.4	4856.4	4534.7	4234.3	4098.3	3890.6	3866.6	3425.9	2667.2	1317.8	150.5
42.5°	5205.3	5173.8	4861.5	4524.6	4274.0	4051.7	4036.0	3662.6	2944.2	1591.1	185.1
45°	5572.3	5513.8	5239.9	4937.7	4556.7	4218.6	4201.0	3873.6	3228.2	1884.5	227.3
47.5°	5964.6	5913.6	5692.0	5479.8	5041.5	4493.8	4456.0	4053.0	3510.3	2223.3	280.8
50°	6363.8	6365.1	6198.8	6096.8	5634.0	4940.8	4887.3	4316.8	3806.8	2585.9	360.2
52.5°	6828.5	6840.4	6837.9	6762.4	6403.5	5671.8	5600.0	4717.3	4151.2	3009.1	469.7
55°	7023.0	7044.4	7183.6	7351.1	7253.5	6598.6	6521.8	5408.0	4607.7	3480.7	632.2
57.5°	6863.7	6887.7	7079.7	7373.1	7597.3	7410.3	7401.4	6307.1	5209.0	4052.4	897.9
59°	6674.2	6671.1	6868.1	7179.2	7481.4	7602.9	7615.5	6915.4	5732.9	4453.5	1127.1
60°	6548.3	6550.8	6681.8	7001.0	7322.1	7533.0	7582.1	7273.6	6038.9	4741.8	1323.5
62.5°	6062.2	6091.2	6195.0	6491.6	6796.4	7031.8	7115.6	7592.9	6914.7	5423.1	2006.7
65°	5533.9	5535.8	5683.8	5937.5	6229.7	6395.3	6448.2	7096.1	7499.7	6117.0	2902.6
67.5°	4591.3	4629.8	4797.9	5209.0	5595.0	5804.7	5845.0	6176.8	7257.3	6569.1	3351.6
70°	3213.1	3263.4	3503.3	4036.6	4611.5	4955.9	4953.4	5134.7	6387.1	6367.6	2841.6
72.5°	1604.3	1691.2	1887.0	2458.1	3154.5	3695.4	3809.3	4130.5	5131.0	5289.0	2120.0
75°	709.0	714.0	825.5	1113.2	1567.8	2254.7	2356.8	3278.5	3936.5	3675.9	1531.3
77.5°	412.4	416.2	436.3	499.9	635.3	1105.0	1219.6	2150.2	2781.8	2136.4	998.6
80°	149.9	153.6	153.0	189.5	278.3	435.1	484.8	1042.1	1855.6	1125.2	523.2
82.5°	91.9	91.9	88.8	89.4	101.4	166.9	182.6	443.9	903.5	554.1	149.9
85°	45.3	47.9	51.0	57.3	68.0	82.5	87.5	127.2	304.1	134.1	35.9
87.5°	27.1	27.7	30.2	36.5	45.3	59.2	63.0	86.3	108.9	90.0	8.8
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°	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
2.5°	59.8	59.2	56.0	53.5	51.0	48.5	46.6	44.7	44.7	45.3	44.7
5°	59.8	57.3	52.3	47.9	44.1	40.9	37.8	35.3	34.6	34.6	35.3
7.5°	59.2	56.0	49.1	43.4	38.4	34.0	30.9	27.7	27.1	27.7	27.1
10°	58.6	54.8	46.6	39.7	32.7	28.3	23.9	20.8	20.8	20.8	21.4
12.5°	58.6	52.9	44.1	35.9	28.3	23.3	18.9	15.7	15.1	15.1	15.1
15°	57.9	51.6	41.6	31.5	23.9	17.6	13.9	10.7	10.7	10.7	10.7
17.5°	56.7	49.7	38.4	27.7	18.9	13.2	9.4	6.3	6.3	7.6	7.6
20°	55.4	47.9	34.6	22.7	15.7	10.1	6.3	3.8	3.8	5.7	6.3
22.5°	56.0	47.9	32.1	20.1	12.6	7.6	5.0	3.1	2.5	4.4	5.7
25°	56.7	46.6	29.0	17.6	9.4	5.7	3.8	1.3	0.6	1.3	1.9
27.5°	56.7	45.3	25.2	13.9	6.9	4.4	1.9	0.0	0.0	0.0	0.0
30°	56.0	43.4	22.0	11.3	5.0	2.5	0.6	0.0	0.0	0.0	0.0
32.5°	55.4	41.6	20.1	8.8	4.4	1.3	0.0	0.0	0.0	0.0	0.0
35°	56.0	39.0	17.6	6.9	2.5	0.0	0.0	0.0	0.0	0.0	1.3
37.5°	57.9	36.5	15.1	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	60.4	34.6	12.6	4.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	65.5	34.6	11.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	71.8	34.6	9.4	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	80.0	35.3	8.2	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	90.0	36.5	7.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	97.6	35.3	6.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	110.8	34.0	6.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	128.4	32.1	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	146.1	29.6	6.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	166.2	28.3	5.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	274.5	25.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	530.2	23.9	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	856.9	23.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	901.0	23.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	599.4	19.5	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	321.1	17.6	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	173.2	16.4	2.5	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	76.2	12.0	3.1	1.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	30.2	8.2	3.8	3.1	2.5	1.3	0.0	0.0	0.0	0.0	0.0
85°	14.5	6.3	5.0	4.4	3.1	1.9	0.0	0.0	0.0	0.0	0.0
87.5°	6.9	6.3	5.7	5.0	4.4	3.1	0.6	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



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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)