

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: P1066963

Luminaire Tested: **NAV-SA2C-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066963
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-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9757.8 lumens
Efficiency: N/A
Efficacy: 101.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - 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

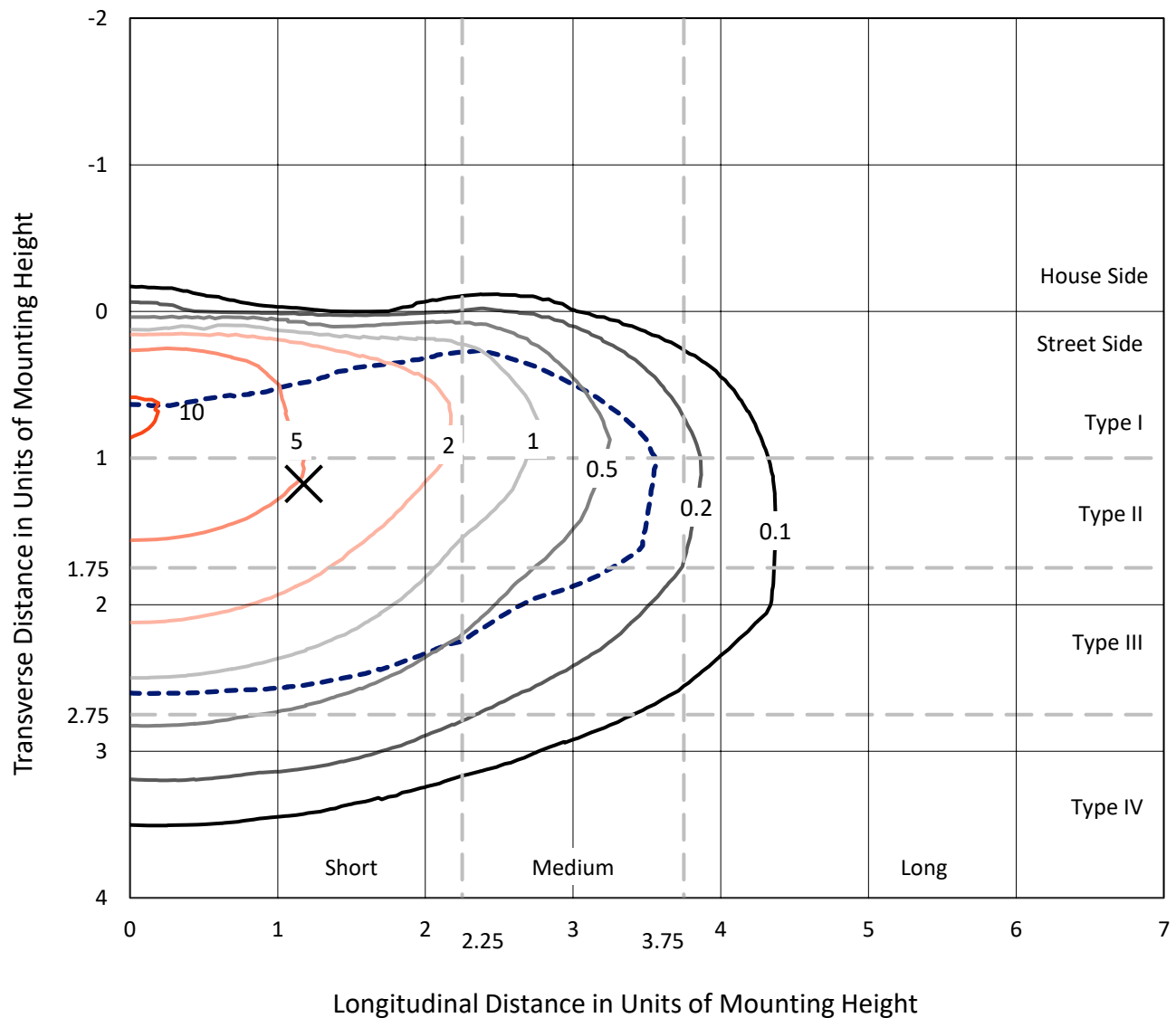


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

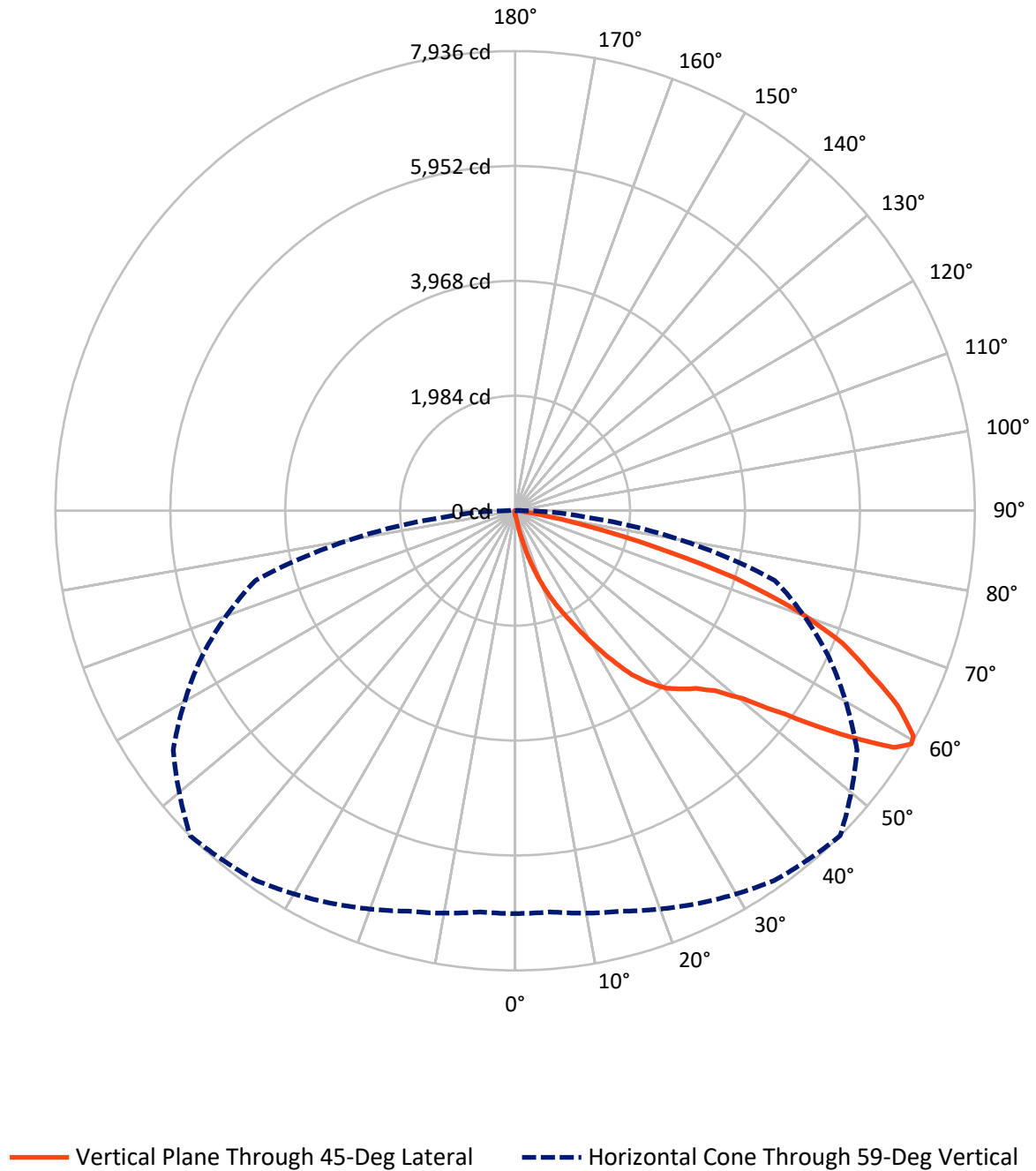


Based on 15 foot mounting height. Maximum calculated value = 10.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.6	0.0	34.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9723.2	0.0	9723.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	9757.8	0.0	9757.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.1	0.1
10°-20°	107.8	1.1
20°-30°	387.5	4.0
30°-40°	900.5	9.2
40°-50°	1534.9	15.7
50°-60°	2529.0	25.9
60°-70°	2924.1	30.0
70°-80°	1256.3	12.9
80°-90°	108.6	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°	9757.8	100.0
0°-180°	9757.8	100.0



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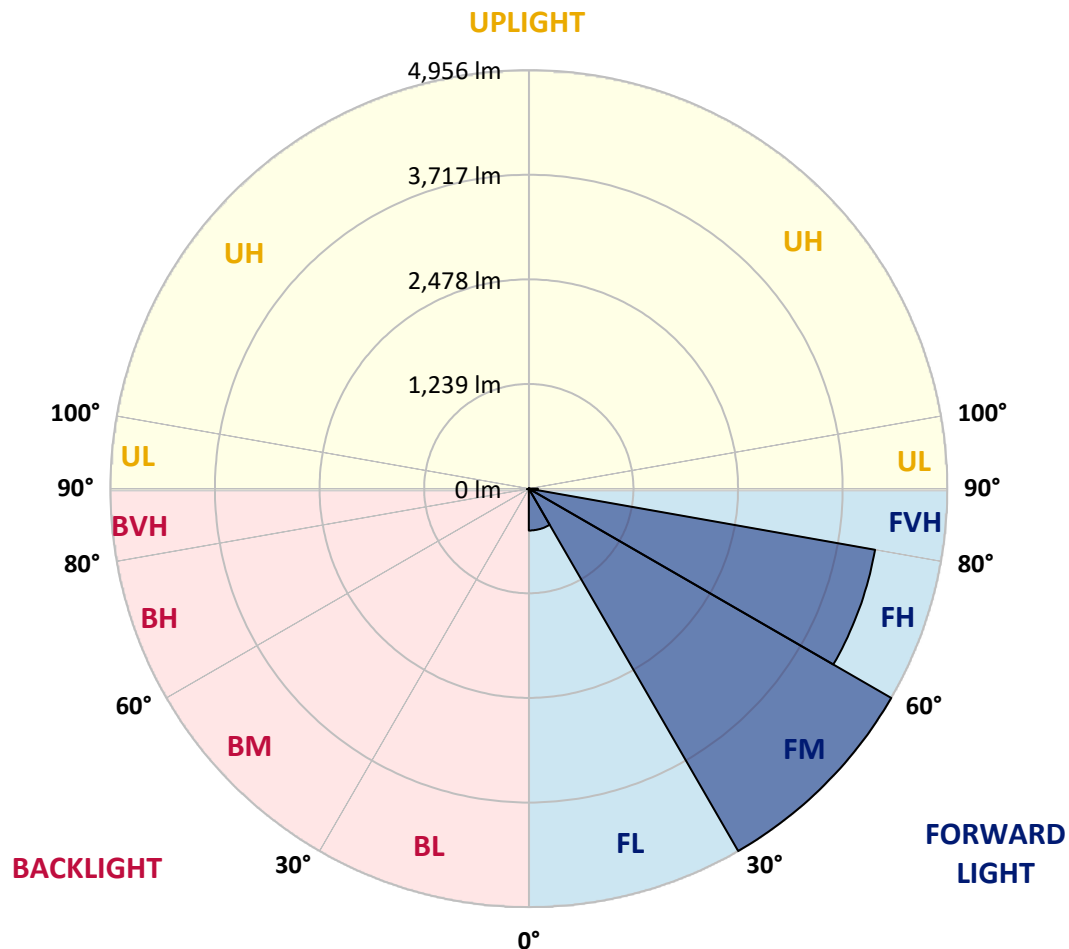
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	495.9	5.1			
FM	(30°-60°)	4956.0	50.8			
FH	(60°-80°)	4164.1	42.7			G2/5000
FVH	(80°-90°)	107.1	1.1			G2/225
BL	(0°-30°)	8.5	0.1	B0/110		
BM	(30°-60°)	8.4	0.1	B0/220		
BH	(60°-80°)	16.3	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°	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
2.5°	80.0	80.0	78.1	75.5	74.8	72.8	72.8	70.9	68.2	66.3	63.6
5°	116.1	115.5	110.2	103.7	95.1	89.9	89.9	82.7	76.1	70.2	65.0
7.5°	253.9	248.0	229.0	197.5	156.2	128.6	126.6	103.0	87.3	75.5	65.6
10°	582.6	562.3	535.4	459.9	339.9	237.5	232.9	150.3	104.3	81.4	66.9
12.5°	954.7	971.1	917.3	798.5	658.1	489.5	456.7	253.3	137.8	89.2	68.2
15°	1293.2	1289.3	1259.1	1162.0	999.9	775.5	755.2	440.3	197.5	101.7	69.5
17.5°	1546.5	1541.9	1513.0	1450.7	1326.0	1101.6	1083.9	702.0	309.7	119.4	70.9
20°	1813.5	1807.6	1766.9	1717.1	1608.1	1417.2	1396.2	994.7	484.9	148.3	70.9
22.5°	2133.7	2122.5	2079.2	1994.6	1879.8	1713.8	1694.8	1293.9	702.0	195.5	74.1
25°	2520.8	2501.8	2442.1	2366.0	2227.5	2007.1	1986.7	1627.2	963.8	267.0	77.4
27.5°	2962.4	2965.7	2885.0	2756.4	2570.7	2345.6	2307.6	1925.7	1234.8	369.4	81.4
30°	3486.6	3453.8	3340.3	3190.7	3010.3	2723.5	2686.8	2222.9	1539.3	520.3	87.9
32.5°	3977.4	3942.0	3789.1	3600.8	3407.2	3104.8	3074.6	2556.9	1816.1	698.8	99.7
35°	4398.6	4373.7	4159.8	3930.1	3758.2	3487.9	3478.7	2929.6	2141.6	891.0	112.9
37.5°	4769.3	4724.1	4449.1	4211.0	4036.4	3794.3	3774.6	3270.7	2455.2	1114.1	132.5
40°	5085.6	5060.6	4725.4	4412.4	4270.7	4054.2	4029.2	3569.9	2779.3	1373.3	156.8
42.5°	5424.1	5391.3	5065.9	4714.9	4453.7	4222.1	4205.7	3816.6	3068.0	1658.0	192.9
45°	5806.6	5745.6	5460.2	5145.3	4748.3	4396.0	4377.6	4036.4	3363.9	1963.8	236.9
47.5°	6215.4	6162.3	5931.3	5710.2	5253.5	4682.7	4643.3	4223.4	3657.9	2316.8	292.6
50°	6631.4	6632.7	6459.5	6353.2	5870.9	5148.6	5092.8	4498.3	3966.9	2694.7	375.3
52.5°	7115.6	7128.1	7125.4	7046.7	6672.7	5910.3	5835.5	4915.6	4325.8	3135.6	489.5
55°	7318.3	7340.7	7485.7	7660.2	7558.5	6876.1	6796.1	5635.4	4801.5	3627.0	658.7
57.5°	7152.3	7177.3	7377.4	7683.1	7916.7	7721.9	7712.7	6572.3	5428.1	4222.8	935.6
59°	6954.9	6951.6	7156.9	7481.1	7796.0	7922.6	7935.8	7206.1	5974.0	4640.7	1174.5
60°	6823.6	6826.3	6962.7	7295.4	7630.0	7849.8	7901.0	7579.5	6292.8	4941.2	1379.2
62.5°	6317.1	6347.3	6455.5	6764.6	7082.1	7327.5	7414.8	7912.1	7205.5	5651.1	2091.0
65°	5766.6	5768.6	5922.8	6187.2	6491.6	6664.2	6719.3	7394.5	7815.0	6374.2	3024.7
67.5°	4784.4	4824.4	4999.6	5428.1	5830.3	6048.8	6090.7	6436.5	7562.4	6845.3	3492.5
70°	3348.2	3400.7	3650.6	4206.4	4805.4	5164.3	5161.7	5350.6	6655.7	6635.3	2961.1
72.5°	1671.8	1762.3	1966.4	2561.5	3287.2	3850.8	3969.5	4304.1	5346.7	5511.4	2209.2
75°	738.8	744.0	860.2	1160.0	1633.7	2349.6	2455.9	3416.4	4102.1	3830.4	1595.7
77.5°	429.8	433.7	454.7	521.0	662.0	1151.5	1270.9	2240.6	2898.7	2226.2	1040.6
80°	156.2	160.1	159.4	197.5	290.0	453.4	505.2	1085.9	1933.6	1172.5	545.2
82.5°	95.8	95.8	92.5	93.2	105.6	173.9	190.3	462.6	941.5	577.4	156.2
85°	47.2	49.9	53.1	59.7	70.9	86.0	91.2	132.5	316.9	139.8	37.4
87.5°	28.2	28.9	31.5	38.1	47.2	61.7	65.6	89.9	113.5	93.8	9.2
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°	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
2.5°	62.3	61.7	58.4	55.8	53.1	50.5	48.6	46.6	46.6	47.2	46.6
5°	62.3	59.7	54.5	49.9	45.9	42.6	39.4	36.7	36.1	36.1	36.7
7.5°	61.7	58.4	51.2	45.3	40.0	35.4	32.1	28.9	28.2	28.9	28.2
10°	61.0	57.1	48.6	41.3	34.1	29.5	24.9	21.7	21.7	21.7	22.3
12.5°	61.0	55.1	45.9	37.4	29.5	24.3	19.7	16.4	15.7	15.7	15.7
15°	60.4	53.8	43.3	32.8	24.9	18.4	14.4	11.2	11.2	11.2	11.2
17.5°	59.1	51.8	40.0	28.9	19.7	13.8	9.8	6.6	6.6	7.9	7.9
20°	57.7	49.9	36.1	23.6	16.4	10.5	6.6	3.9	3.9	5.9	6.6
22.5°	58.4	49.9	33.5	21.0	13.1	7.9	5.2	3.3	2.6	4.6	5.9
25°	59.1	48.6	30.2	18.4	9.8	5.9	3.9	1.3	0.7	1.3	2.0
27.5°	59.1	47.2	26.2	14.4	7.2	4.6	2.0	0.0	0.0	0.0	0.0
30°	58.4	45.3	23.0	11.8	5.2	2.6	0.7	0.0	0.0	0.0	0.0
32.5°	57.7	43.3	21.0	9.2	4.6	1.3	0.0	0.0	0.0	0.0	0.0
35°	58.4	40.7	18.4	7.2	2.6	0.0	0.0	0.0	0.0	0.0	1.3
37.5°	60.4	38.1	15.7	5.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	63.0	36.1	13.1	4.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	68.2	36.1	11.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	74.8	36.1	9.8	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	83.3	36.7	8.5	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	93.8	38.1	7.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	101.7	36.7	7.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	115.5	35.4	6.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	133.8	33.5	6.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	152.2	30.8	6.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	173.2	29.5	5.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	286.1	26.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	552.5	24.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	893.0	24.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	938.9	24.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	624.6	20.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	334.6	18.4	2.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	180.4	17.1	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	79.4	12.5	3.3	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	31.5	8.5	3.9	3.3	2.6	1.3	0.0	0.0	0.0	0.0	0.0
85°	15.1	6.6	5.2	4.6	3.3	2.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.2	6.6	5.9	5.2	4.6	3.3	0.7	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 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 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_{fi})

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)