

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: P1067439

Luminaire Tested: **NAV-SA1C-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067439
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4794.9 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.1
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

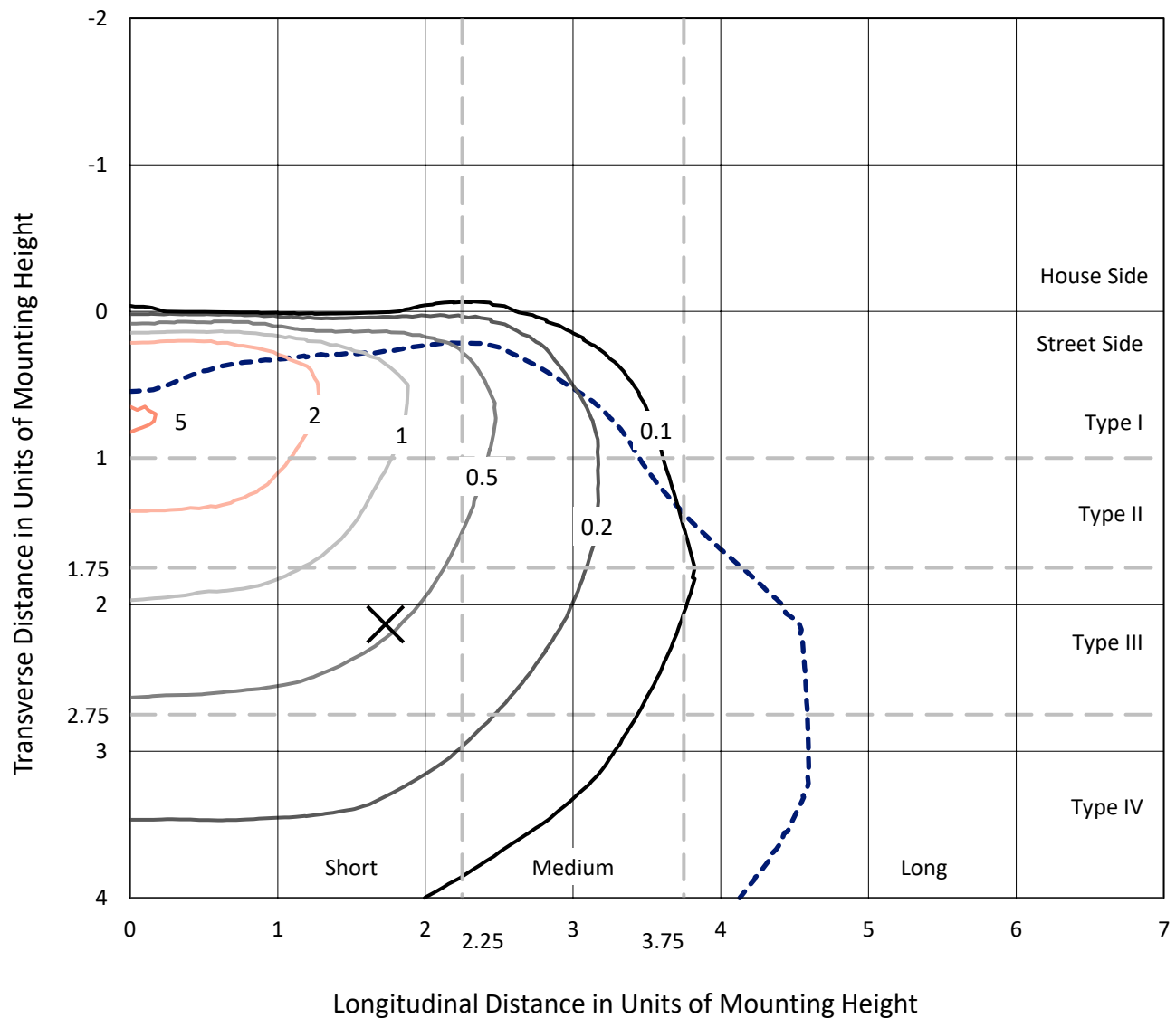


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

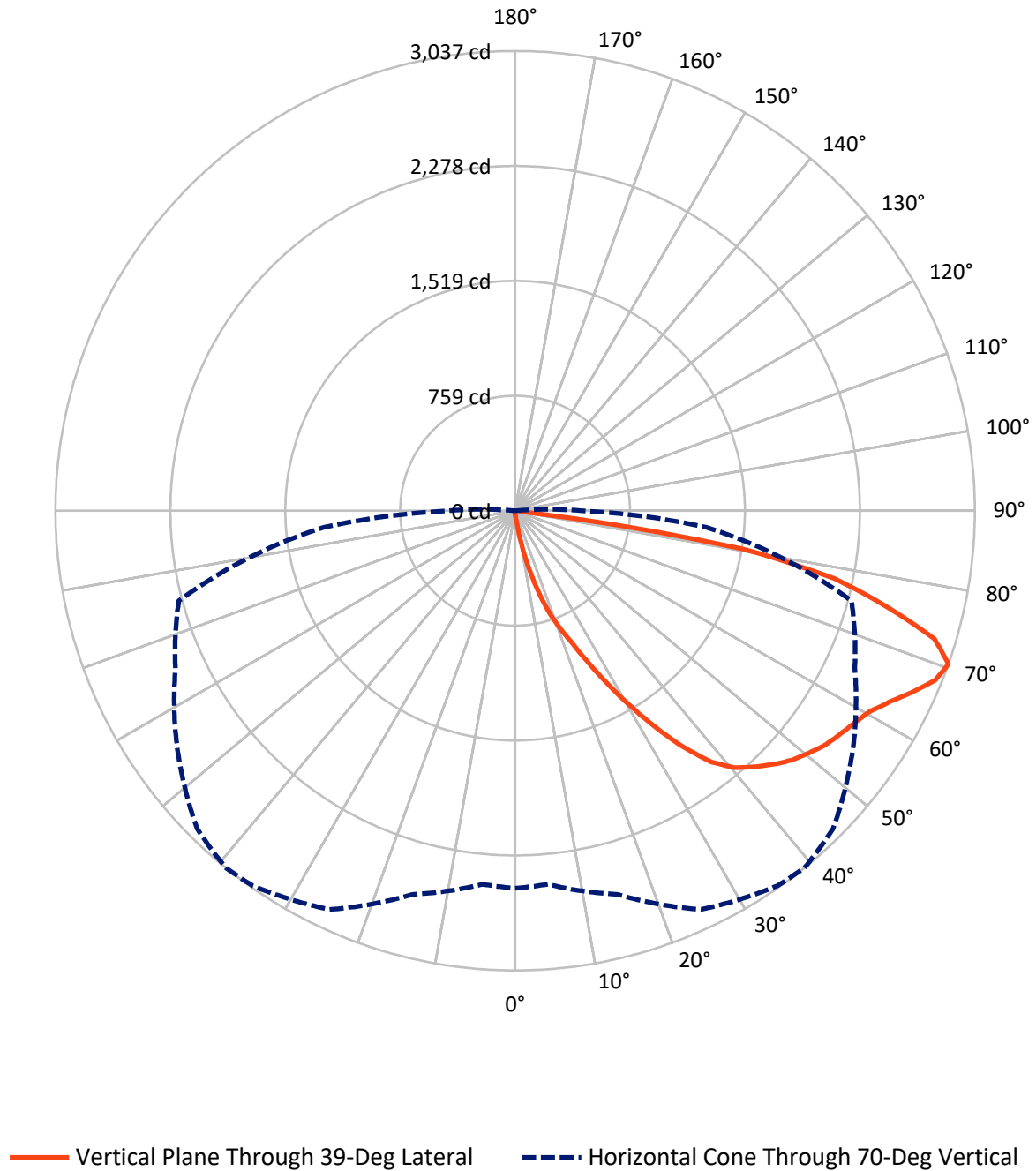


Based on 15 foot mounting height. Maximum calculated value = 5.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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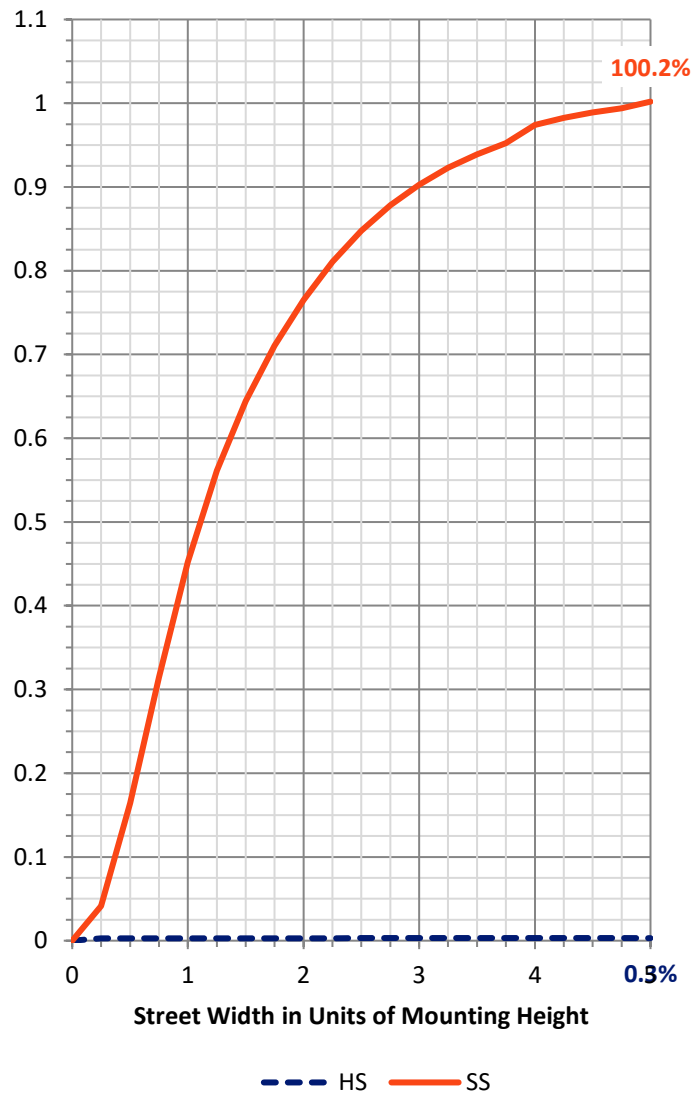
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.8	0.0	14.8
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	4780.1	0.0	4780.1
	% Fixture	99.7	0.0	99.7
Total	Lumens	4794.9	0.0	4794.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.1
10°-20°	58.9	1.2
20°-30°	200.0	4.2
30°-40°	470.1	9.8
40°-50°	763.4	15.9
50°-60°	967.4	20.2
60°-70°	1228.8	25.6
70°-80°	998.4	20.8
80°-90°	102.8	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°	4794.9	100.0
0°-180°	4794.9	100.0



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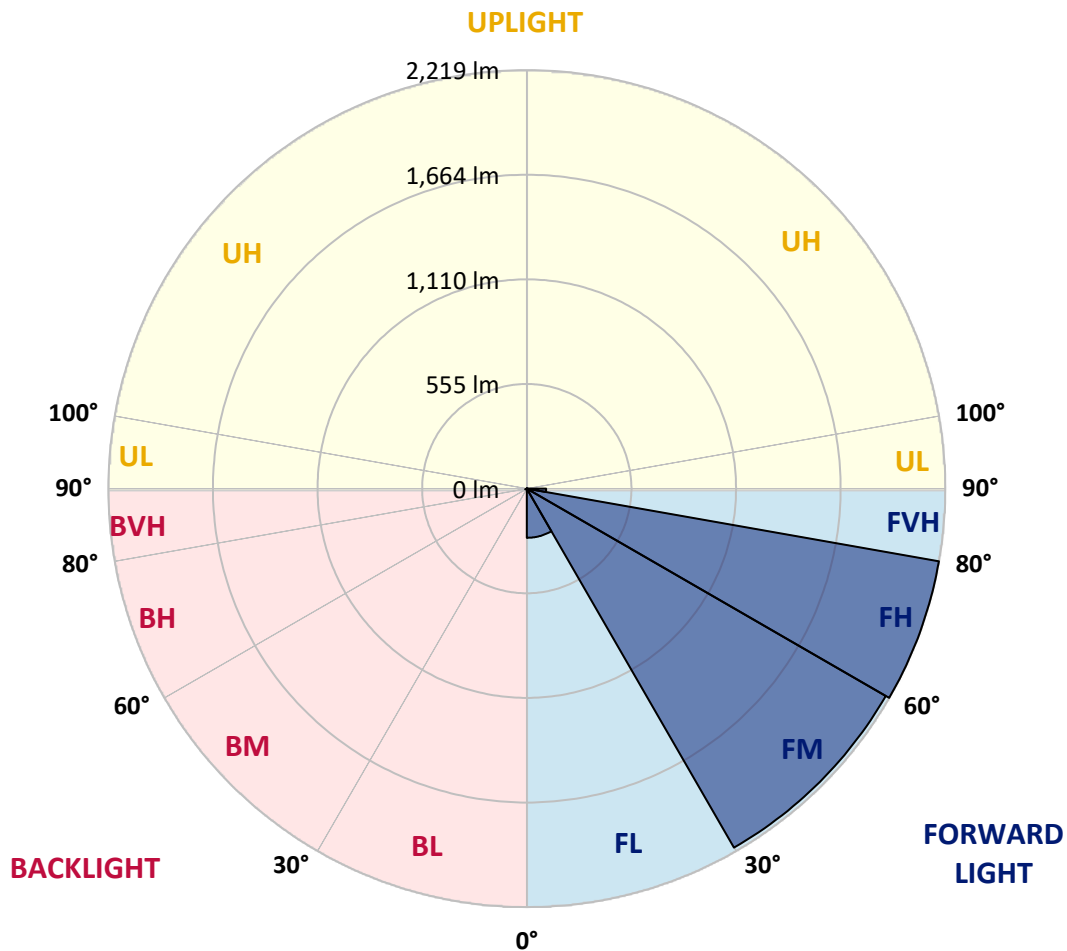
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	260.8	5.4			
FM	(30°-60°)	2198.0	45.8			
FH	(60°-80°)	2219.1	46.3			G2/5000
FVH	(80°-90°)	102.2	2.1			G2/225
BL	(0°-30°)	3.2	0.1	B0/110		
BM	(30°-60°)	2.8	0.1	B0/220		
BH	(60°-80°)	8.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
2.5°	33.8	33.8	33.8	32.5	32.5	31.2	31.2	29.9	28.6	28.6	27.3
5°	63.8	65.1	61.2	53.4	48.2	45.6	43.0	36.5	32.5	29.9	27.3
7.5°	174.4	169.2	161.4	135.4	104.1	88.5	75.5	53.4	39.1	31.2	27.3
10°	367.1	352.8	330.7	295.5	234.3	209.6	162.7	97.6	54.7	35.1	27.3
12.5°	538.9	541.5	514.2	480.4	406.2	364.5	300.7	183.6	85.9	41.7	27.3
15°	669.1	666.5	656.1	628.8	562.4	522.0	464.7	308.5	144.5	52.1	28.6
17.5°	772.0	761.5	757.6	745.9	703.0	680.8	618.4	454.3	229.1	70.3	29.9
20°	874.8	872.2	868.3	855.3	826.6	811.0	762.8	601.4	341.1	100.2	32.5
22.5°	1024.5	1010.2	1012.8	984.2	960.7	933.4	894.3	757.6	469.9	143.2	36.5
25°	1200.3	1198.9	1178.1	1165.1	1126.0	1096.1	1044.0	908.7	613.1	207.0	40.4
27.5°	1407.2	1392.9	1383.8	1361.7	1321.3	1287.5	1215.9	1058.4	768.1	278.6	45.6
30°	1623.3	1623.3	1606.4	1572.6	1533.5	1491.9	1419.0	1215.9	921.7	369.7	52.1
32.5°	1875.9	1881.1	1839.4	1788.7	1737.9	1709.3	1614.2	1394.2	1068.8	473.9	59.9
35°	2120.6	2114.1	2045.1	1989.1	1951.4	1920.1	1839.4	1589.5	1235.4	594.9	70.3
37.5°	2354.9	2338.0	2223.5	2144.1	2127.1	2106.3	2025.6	1784.8	1400.7	729.0	83.3
40°	2522.9	2496.8	2378.4	2269.0	2244.3	2232.6	2170.1	1961.8	1575.2	878.7	100.2
42.5°	2595.8	2565.8	2483.8	2395.3	2340.6	2313.3	2258.6	2106.3	1749.6	1045.3	125.0
45°	2610.1	2586.7	2528.1	2507.2	2433.0	2391.4	2317.2	2209.1	1912.3	1210.7	158.8
47.5°	2558.0	2547.6	2512.5	2556.7	2519.0	2461.7	2371.9	2285.9	2056.8	1411.1	205.7
50°	2430.4	2422.6	2439.6	2555.4	2581.5	2516.4	2431.7	2345.8	2181.8	1618.1	272.1
52.5°	2258.6	2257.3	2336.7	2521.6	2608.8	2568.4	2490.3	2405.7	2280.7	1818.6	365.8
55°	2071.1	2093.3	2232.6	2490.3	2624.4	2606.2	2547.6	2459.1	2369.3	2004.8	516.8
57.5°	2055.5	2046.4	2180.5	2477.3	2633.5	2643.9	2604.9	2515.1	2444.8	2157.1	718.6
60°	2211.7	2190.9	2241.7	2504.6	2673.9	2692.1	2662.2	2558.0	2520.3	2276.8	984.2
62.5°	2392.7	2373.2	2399.2	2610.1	2753.3	2779.3	2741.6	2602.3	2581.5	2360.1	1269.2
65°	2537.2	2521.6	2571.0	2767.6	2863.9	2886.1	2860.0	2684.3	2608.8	2427.8	1501.0
67.5°	2560.6	2541.1	2643.9	2873.1	2975.9	2991.5	2970.7	2763.7	2599.7	2433.0	1554.3
70°	2494.2	2477.3	2624.4	2906.9	3024.1	3037.1	2970.7	2726.0	2476.0	2300.3	1270.5
72.5°	2289.9	2302.9	2492.9	2824.9	2957.7	2897.8	2757.2	2535.9	2315.9	1950.1	891.7
75°	1972.2	1986.5	2239.1	2599.7	2610.1	2537.2	2461.7	2332.8	2072.5	1284.9	618.4
77.5°	1402.0	1351.3	1728.8	2146.7	2108.9	2155.8	2162.3	1941.0	1735.3	669.1	414.0
80°	138.0	117.2	217.4	615.7	1360.4	1520.5	1583.0	1495.8	1279.7	299.4	217.4
82.5°	29.9	29.9	32.5	35.1	54.7	82.0	376.2	921.7	826.6	152.3	70.3
85°	16.9	16.9	20.8	24.7	32.5	36.5	43.0	57.3	222.6	54.7	13.0
87.5°	13.0	14.3	16.9	20.8	27.3	29.9	36.5	45.6	56.0	50.8	3.9
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: NAV-SA1C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
2.5°	27.3	26.0	24.7	23.4	22.1	22.1	20.8	20.8	20.8	20.8	20.8
5°	26.0	24.7	23.4	20.8	19.5	18.2	16.9	16.9	16.9	16.9	16.9
7.5°	26.0	24.7	22.1	19.5	16.9	15.6	14.3	13.0	13.0	14.3	14.3
10°	26.0	23.4	19.5	16.9	14.3	13.0	11.7	10.4	10.4	10.4	10.4
12.5°	24.7	22.1	18.2	15.6	13.0	10.4	7.8	6.5	6.5	6.5	6.5
15°	23.4	20.8	16.9	13.0	9.1	6.5	5.2	3.9	3.9	3.9	3.9
17.5°	23.4	19.5	15.6	11.7	6.5	3.9	2.6	1.3	1.3	1.3	2.6
20°	23.4	19.5	14.3	9.1	3.9	2.6	2.6	1.3	0.0	1.3	1.3
22.5°	23.4	18.2	11.7	6.5	3.9	2.6	1.3	0.0	0.0	0.0	0.0
25°	24.7	18.2	10.4	5.2	2.6	1.3	0.0	0.0	0.0	0.0	0.0
27.5°	24.7	16.9	9.1	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0
30°	26.0	16.9	7.8	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	26.0	15.6	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	26.0	14.3	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	26.0	13.0	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	27.3	11.7	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	28.6	10.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	29.9	9.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	33.8	9.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	39.1	9.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	46.9	9.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	61.2	7.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	88.5	7.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	148.4	7.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	260.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	440.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	574.1	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	436.1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	208.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	92.4	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	40.4	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	15.6	2.6	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
82.5°	6.5	2.6	1.3	1.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0
85°	3.9	2.6	2.6	2.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0
87.5°	2.6	2.6	2.6	2.6	2.6	1.3	1.3	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/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

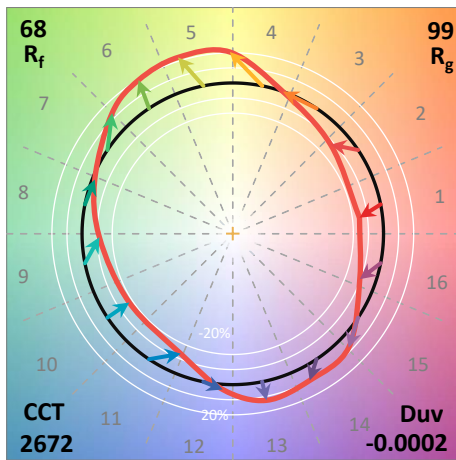
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

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)