

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: P1067465

Luminaire Tested: **NAV-SA2A-730-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067465
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2A-730-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6551.6 lumens
Efficiency: N/A
Efficacy: 118.5 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): 55.3
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

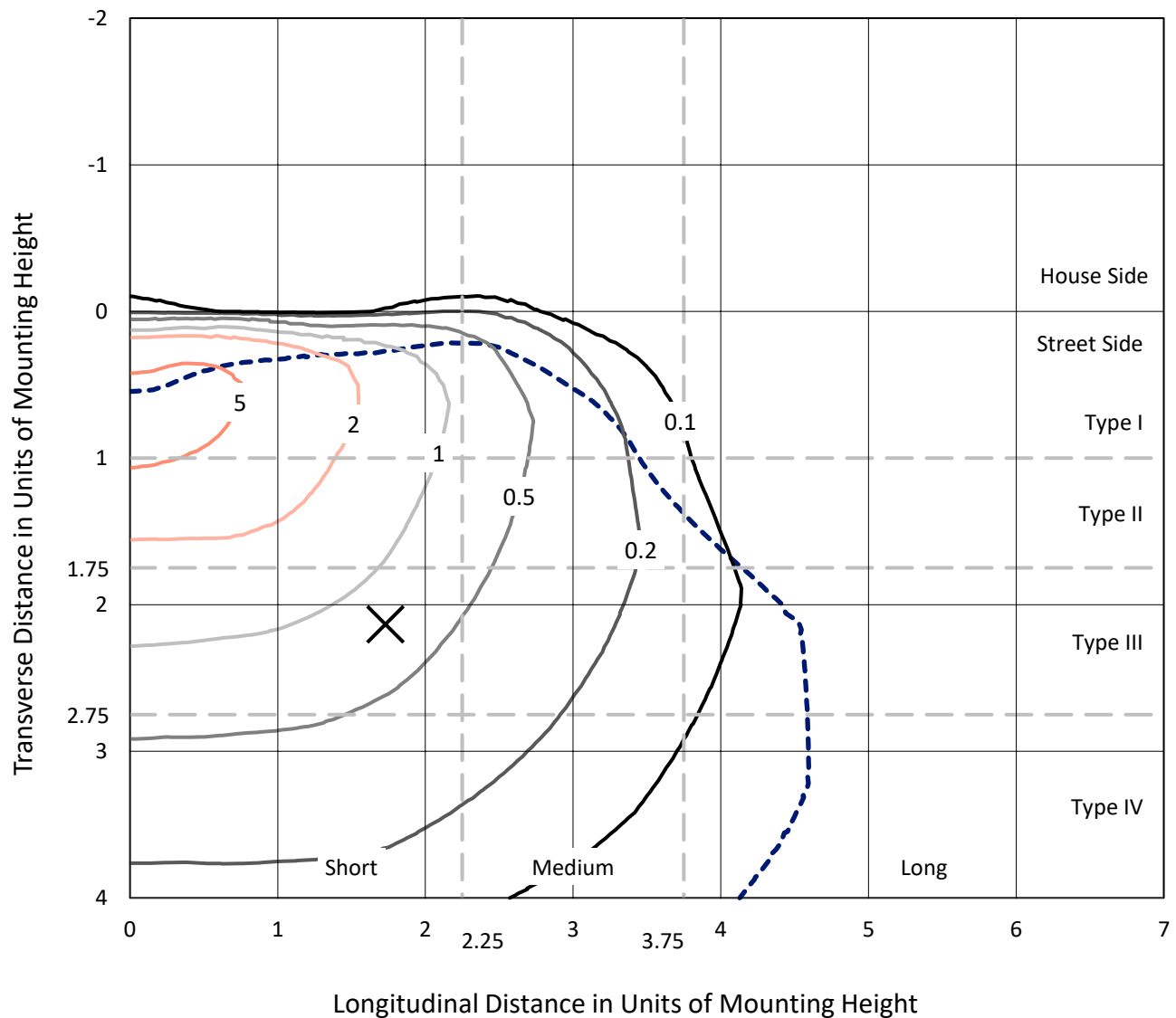


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

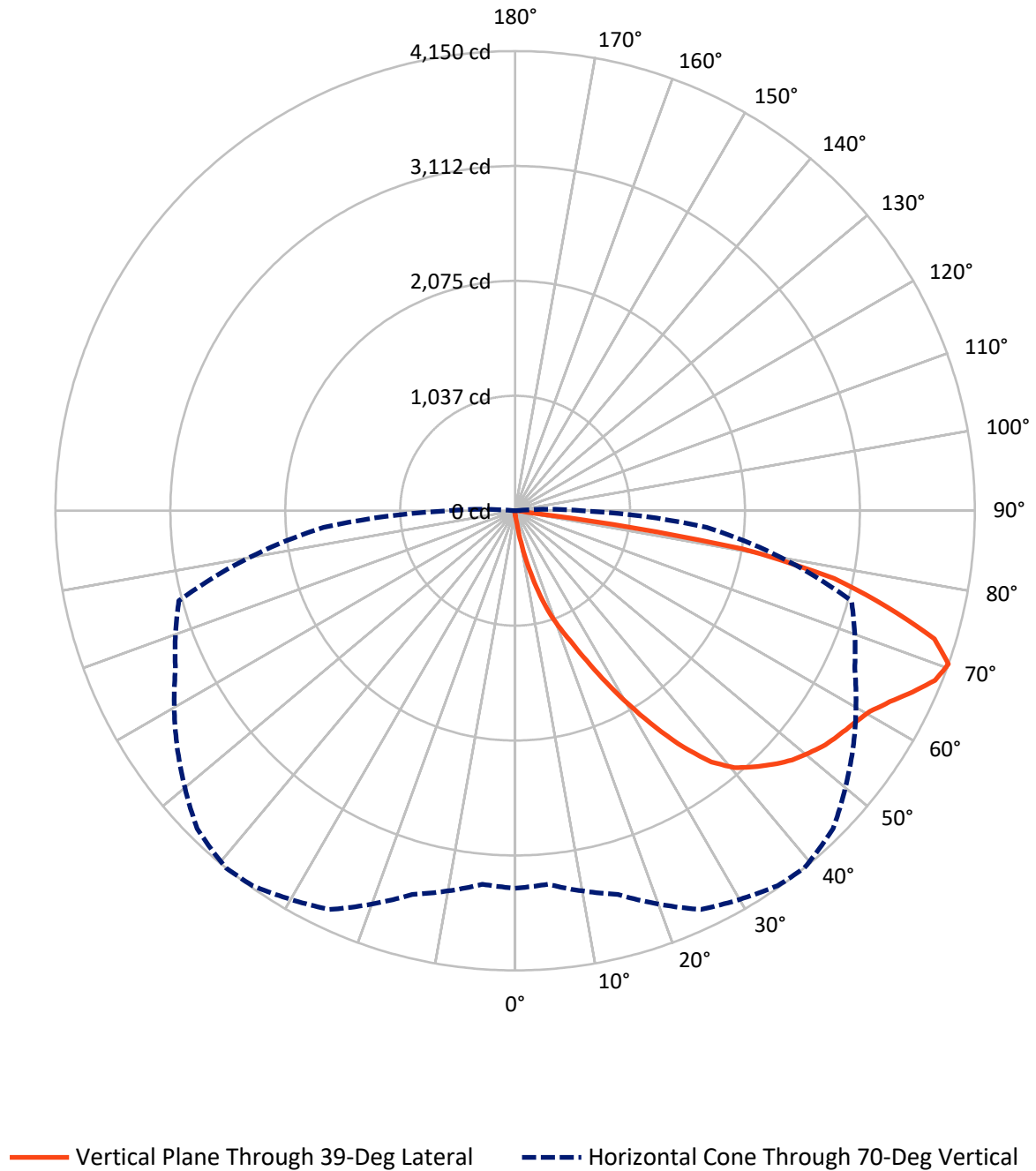


Based on 15 foot mounting height. Maximum calculated value = 7.1 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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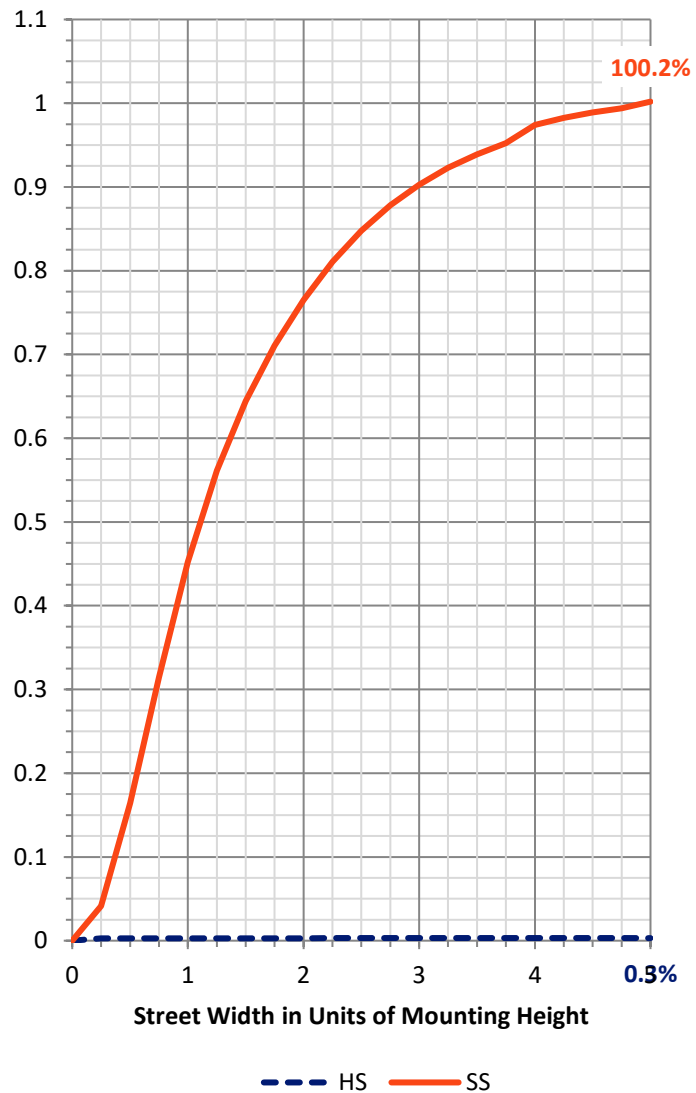
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.2	0.0	20.2
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	6531.4	0.0	6531.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	6551.6	0.0	6551.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.9	0.1
10°-20°	80.5	1.2
20°-30°	273.3	4.2
30°-40°	642.4	9.8
40°-50°	1043.1	15.9
50°-60°	1321.8	20.2
60°-70°	1679.0	25.6
70°-80°	1364.2	20.8
80°-90°	140.5	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°	6551.6	100.0
0°-180°	6551.6	100.0



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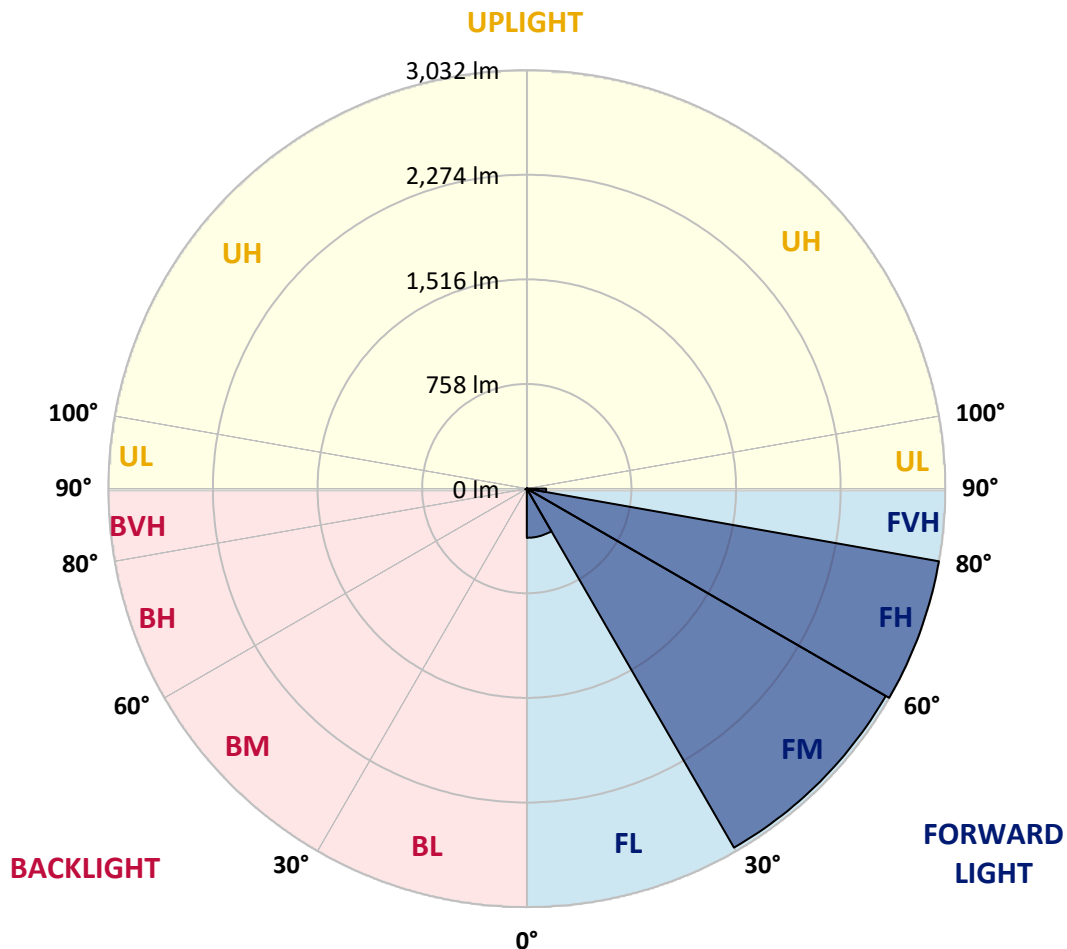
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	356.4	5.4			
FM	(30°-60°)	3003.3	45.8			
FH	(60°-80°)	3032.1	46.3			G2/5000
FVH	(80°-90°)	139.6	2.1			G2/225
BL	(0°-30°)	4.4	0.1	B0/110		
BM	(30°-60°)	3.9	0.1	B0/220		
BH	(60°-80°)	11.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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



REPORT NUMBER: P1067465

CATALOG NUMBER: NAV-SA2A-730-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
2.5°	46.2	46.2	46.2	44.5	44.5	42.7	42.7	40.9	39.1	39.1	37.4
5°	87.2	88.9	83.6	72.9	65.8	62.3	58.7	49.8	44.5	40.9	37.4
7.5°	238.3	231.2	220.6	185.0	142.3	121.0	103.2	72.9	53.4	42.7	37.4
10°	501.6	482.0	451.8	403.8	320.2	286.4	222.3	133.4	74.7	48.0	37.4
12.5°	736.4	739.9	702.6	656.3	555.0	498.0	410.9	250.8	117.4	56.9	37.4
15°	914.3	910.7	896.5	859.1	768.4	713.3	635.0	421.6	197.4	71.1	39.1
17.5°	1054.8	1040.6	1035.2	1019.2	960.5	930.3	844.9	620.8	313.1	96.1	40.9
20°	1195.3	1191.7	1186.4	1168.6	1129.5	1108.1	1042.3	821.8	466.0	137.0	44.5
22.5°	1399.9	1380.3	1383.8	1344.7	1312.7	1275.3	1222.0	1035.2	642.1	195.7	49.8
25°	1640.0	1638.2	1609.7	1592.0	1538.6	1497.7	1426.5	1241.5	837.8	282.8	55.1
27.5°	1922.8	1903.2	1890.8	1860.5	1805.4	1759.2	1661.3	1446.1	1049.4	380.6	62.3
30°	2218.1	2218.1	2194.9	2148.7	2095.3	2038.4	1938.8	1661.3	1259.3	505.2	71.1
32.5°	2563.1	2570.3	2513.3	2444.0	2374.6	2335.5	2205.6	1905.0	1460.3	647.5	81.8
35°	2897.5	2888.6	2794.4	2717.9	2666.3	2623.6	2513.3	2171.8	1688.0	812.9	96.1
37.5°	3217.7	3194.6	3038.1	2929.6	2906.4	2878.0	2767.7	2438.6	1913.9	996.1	113.8
40°	3447.2	3411.6	3249.7	3100.3	3066.5	3050.5	2965.1	2680.5	2152.3	1200.6	137.0
42.5°	3546.8	3505.9	3393.8	3272.8	3198.1	3160.8	3086.1	2878.0	2390.6	1428.3	170.8
45°	3566.3	3534.3	3454.3	3425.8	3324.4	3267.5	3166.1	3018.5	2612.9	1654.2	217.0
47.5°	3495.2	3481.0	3432.9	3493.4	3441.8	3363.6	3240.8	3123.4	2810.4	1928.1	281.0
50°	3320.9	3310.2	3333.3	3491.6	3527.2	3438.3	3322.7	3205.3	2981.1	2211.0	371.8
52.5°	3086.1	3084.3	3192.8	3445.4	3564.6	3509.4	3402.7	3287.1	3116.3	2484.9	499.8
55°	2829.9	2860.2	3050.5	3402.7	3585.9	3561.0	3481.0	3360.0	3237.3	2739.2	706.2
57.5°	2808.6	2796.1	2979.4	3384.9	3598.4	3612.6	3559.2	3436.5	3340.4	2947.3	981.9
60°	3022.0	2993.6	3063.0	3422.3	3653.5	3678.4	3637.5	3495.2	3443.6	3111.0	1344.7
62.5°	3269.3	3242.6	3278.2	3566.3	3762.0	3797.6	3746.0	3555.7	3527.2	3224.8	1734.3
65°	3466.7	3445.4	3513.0	3781.6	3913.2	3943.4	3907.9	3667.7	3564.6	3317.3	2050.9
67.5°	3498.7	3472.1	3612.6	3925.6	4066.2	4087.5	4059.0	3776.2	3552.1	3324.4	2123.8
70°	3408.0	3384.9	3585.9	3971.9	4132.0	4149.8	4059.0	3724.6	3383.1	3143.0	1736.0
72.5°	3128.8	3146.6	3406.3	3859.8	4041.3	3959.4	3767.3	3464.9	3164.3	2664.5	1218.4
75°	2694.8	2714.3	3059.4	3552.1	3566.3	3466.7	3363.6	3187.5	2831.7	1755.6	844.9
77.5°	1915.7	1846.3	2362.1	2933.1	2881.5	2945.6	2954.5	2652.1	2371.0	914.3	565.6
80°	188.5	160.1	297.0	841.3	1858.8	2077.5	2162.9	2043.8	1748.5	409.1	297.0
82.5°	40.9	40.9	44.5	48.0	74.7	112.1	514.1	1259.3	1129.5	208.1	96.1
85°	23.1	23.1	28.5	33.8	44.5	49.8	58.7	78.3	304.2	74.7	17.8
87.5°	17.8	19.6	23.1	28.5	37.4	40.9	49.8	62.3	76.5	69.4	5.3
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-SA2A-730-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
2.5°	37.4	35.6	33.8	32.0	30.2	30.2	28.5	28.5	28.5	28.5	28.5
5°	35.6	33.8	32.0	28.5	26.7	24.9	23.1	23.1	23.1	23.1	23.1
7.5°	35.6	33.8	30.2	26.7	23.1	21.3	19.6	17.8	17.8	19.6	19.6
10°	35.6	32.0	26.7	23.1	19.6	17.8	16.0	14.2	14.2	14.2	14.2
12.5°	33.8	30.2	24.9	21.3	17.8	14.2	10.7	8.9	8.9	8.9	8.9
15°	32.0	28.5	23.1	17.8	12.5	8.9	7.1	5.3	5.3	5.3	5.3
17.5°	32.0	26.7	21.3	16.0	8.9	5.3	3.6	1.8	1.8	1.8	3.6
20°	32.0	26.7	19.6	12.5	5.3	3.6	3.6	1.8	0.0	1.8	1.8
22.5°	32.0	24.9	16.0	8.9	5.3	3.6	1.8	0.0	0.0	0.0	0.0
25°	33.8	24.9	14.2	7.1	3.6	1.8	0.0	0.0	0.0	0.0	0.0
27.5°	33.8	23.1	12.5	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	35.6	23.1	10.7	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	35.6	21.3	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	35.6	19.6	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	35.6	17.8	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	37.4	16.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.1	14.2	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	40.9	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	46.2	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.4	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	64.0	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	83.6	10.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	121.0	10.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	202.8	10.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	355.7	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	601.2	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	784.4	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	595.9	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	284.6	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	126.3	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	55.1	5.3	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	21.3	3.6	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
82.5°	8.9	3.6	1.8	1.8	1.8	1.8	1.8	0.0	0.0	0.0	0.0
85°	5.3	3.6	3.6	3.6	1.8	1.8	1.8	0.0	0.0	0.0	0.0
87.5°	3.6	3.6	3.6	3.6	3.6	1.8	1.8	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE R_a = 70.8$
 $R_g = -43.2$



Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)