

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: STREETWORKS

Report Number: P1066047

Luminaire Tested: **NVN-SA1C-735-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066047
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1C-735-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5260.9 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

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

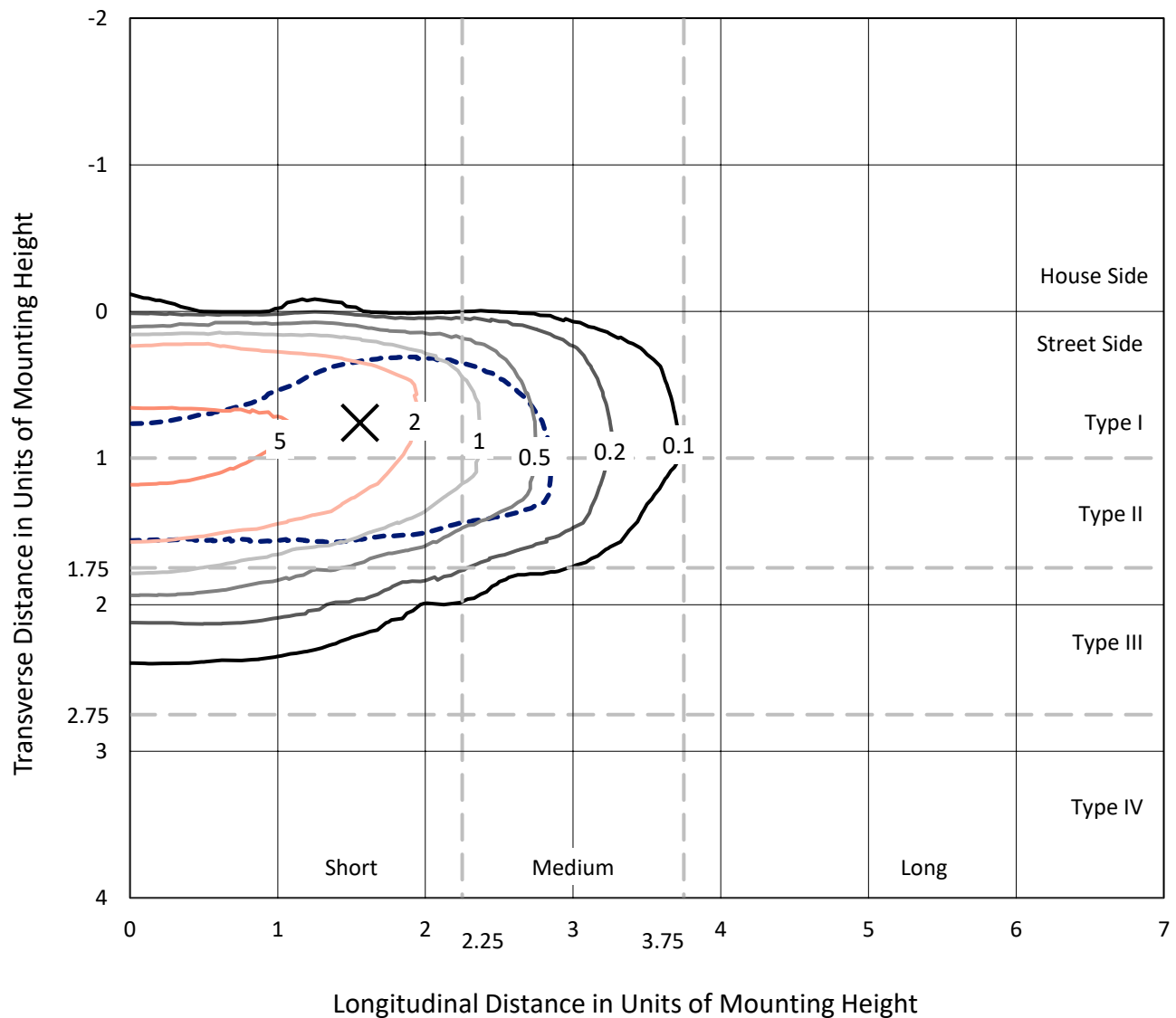


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

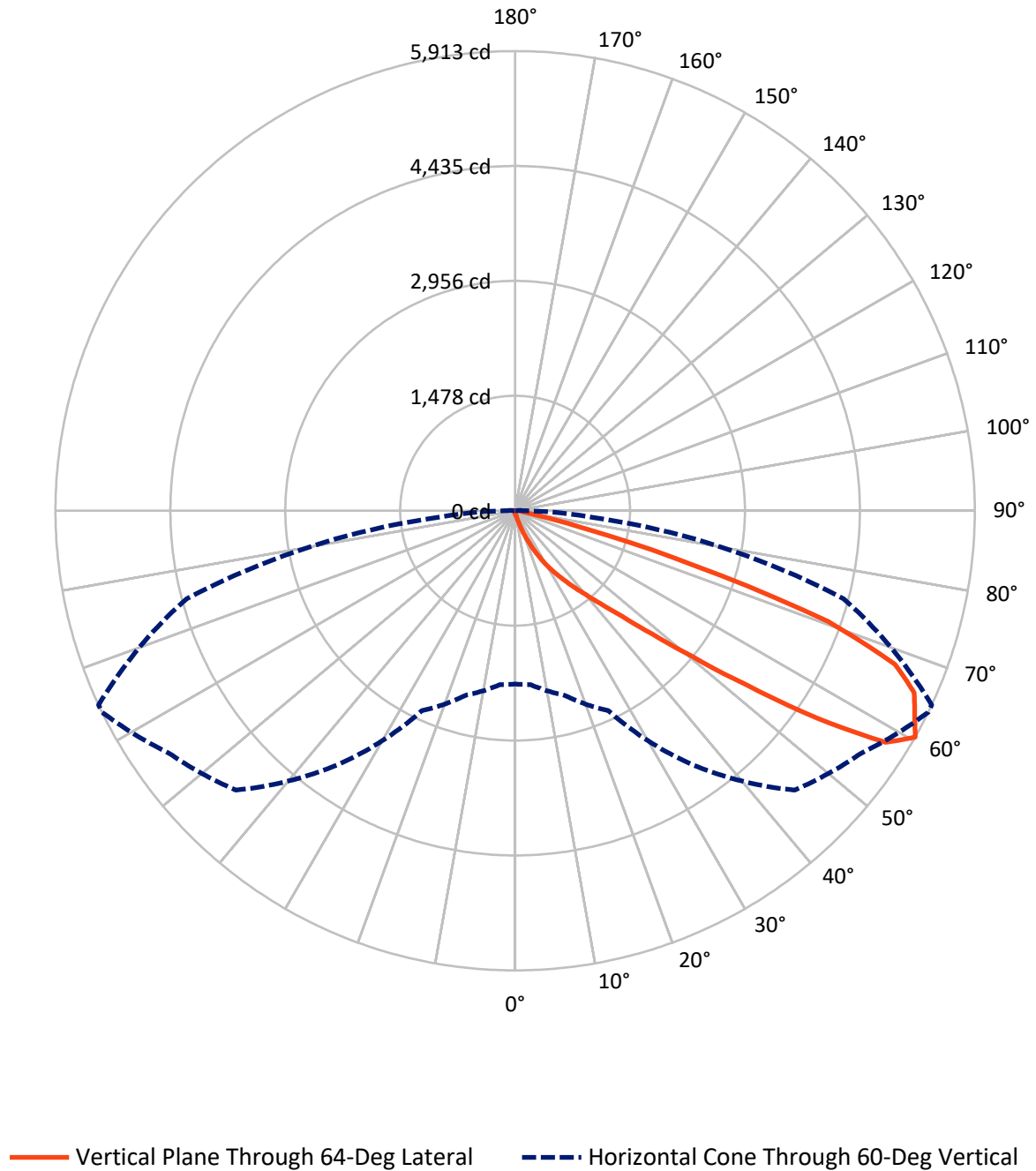


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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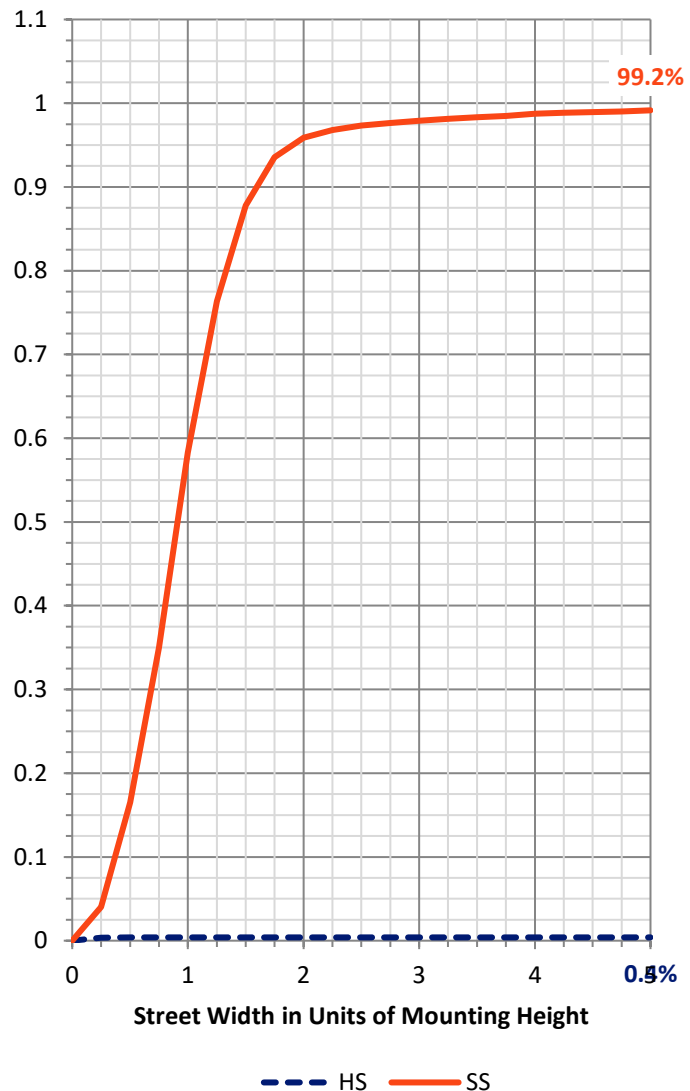
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.3	0.0	21.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5239.5	0.0	5239.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	5260.9	0.0	5260.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	51.7	1.0
20°-30°	171.7	3.3
30°-40°	458.2	8.7
40°-50°	1164.5	22.1
50°-60°	1697.6	32.3
60°-70°	1311.2	24.9
70°-80°	360.1	6.8
80°-90°	40.6	0.8
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°	5260.9	100.0
0°-180°	5260.9	100.0



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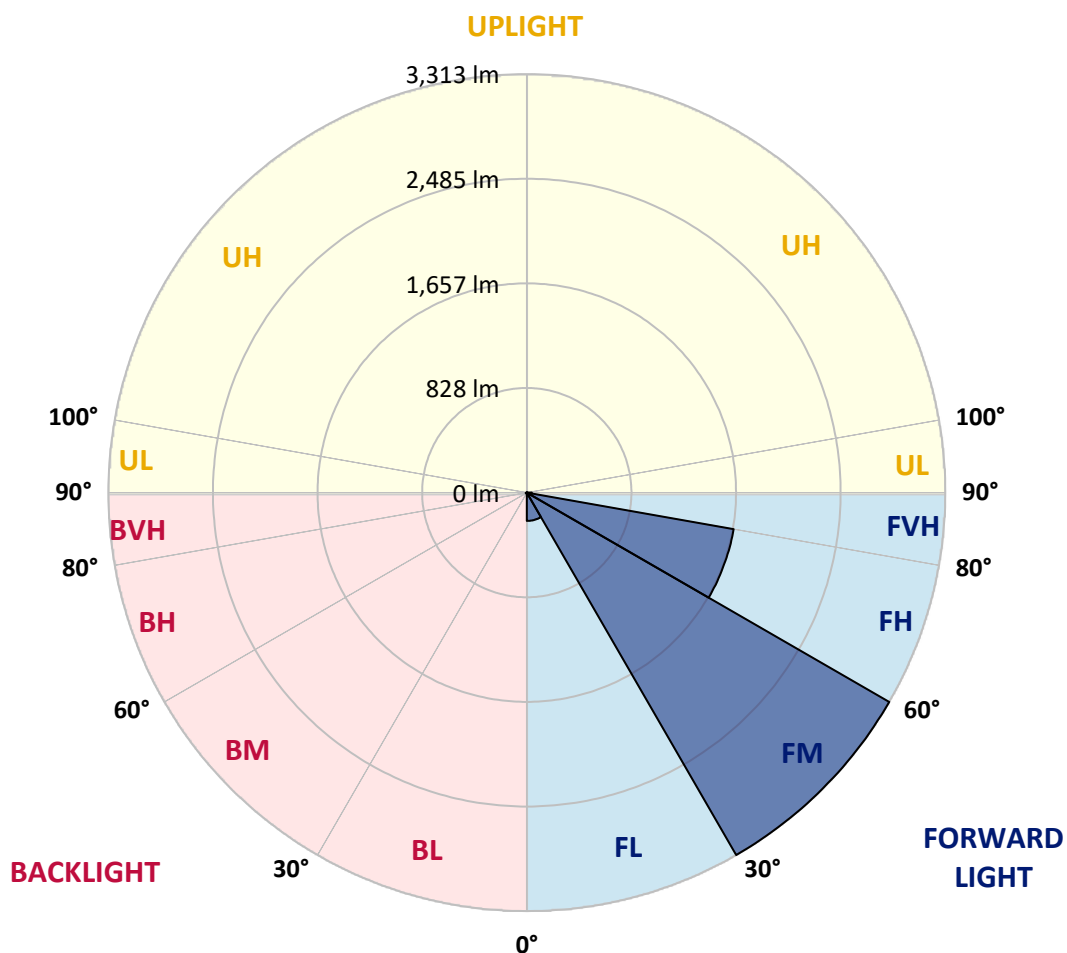
CATALOG NUMBER: NVN-SA1C-735-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	223.8	4.3			
FM	(30°-60°)	3313.2	63.0			
FH	(60°-80°)	1662.8	31.6			G1/1800
FVH	(80°-90°)	39.7	0.8			G1/100
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	7.1	0.1	B0/220		
BH	(60°-80°)	8.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	46.3	46.3	46.3	44.9	43.4	43.4	42.0	40.5	40.5	37.7	36.2
5°	71.0	71.0	68.1	65.2	60.8	55.0	49.2	44.9	44.9	40.5	37.7
7.5°	139.0	143.4	130.3	114.4	92.7	78.2	62.3	52.1	50.7	43.4	37.7
10°	301.2	298.3	278.0	238.9	188.3	136.1	86.9	63.7	60.8	46.3	37.7
12.5°	453.3	457.6	435.9	392.4	331.6	241.8	149.2	82.5	79.6	50.7	37.7
15°	583.6	583.6	569.1	547.4	480.8	386.7	240.4	123.1	113.0	55.0	36.2
17.5°	673.4	671.9	666.1	660.3	621.2	524.2	367.8	196.9	173.8	65.2	36.2
20°	774.8	770.4	777.6	766.1	735.7	658.9	502.5	292.5	270.8	82.5	36.2
22.5°	880.5	884.8	890.6	879.0	845.7	779.1	644.4	415.6	392.4	114.4	37.7
25°	1015.1	1012.2	1025.3	1015.1	973.1	894.9	777.6	550.3	517.0	159.3	40.5
27.5°	1180.2	1174.4	1183.1	1157.1	1102.0	1022.4	896.4	687.9	648.8	228.8	46.3
30°	1398.9	1403.2	1364.1	1333.7	1255.5	1149.8	1028.2	835.6	795.0	311.3	52.1
32.5°	1743.6	1713.1	1652.3	1529.2	1426.4	1291.7	1160.0	964.5	928.3	417.1	60.8
35°	2280.8	2286.6	2153.4	1849.3	1626.3	1469.9	1304.8	1106.4	1080.3	537.3	72.4
37.5°	2935.4	2919.4	2802.1	2418.4	1918.8	1691.4	1469.9	1261.3	1223.7	667.6	86.9
40°	3676.8	3610.2	3542.1	3281.5	2528.4	1969.5	1678.4	1440.9	1411.9	818.2	110.1
42.5°	4270.5	4253.2	4264.7	4156.1	3545.0	2443.0	1955.0	1661.0	1626.3	1005.0	150.6
45°	4563.1	4538.4	4608.0	4689.1	4532.7	3450.9	2401.0	1941.9	1895.6	1225.1	212.9
47.5°	4484.9	4467.5	4616.6	4775.9	4984.5	4619.5	3129.4	2361.9	2282.3	1507.5	305.6
50°	4099.7	4101.1	4345.8	4642.7	4972.9	5211.8	4208.3	2936.8	2836.9	1882.6	450.4
52.5°	3724.6	3736.2	3995.4	4428.4	4800.6	5281.3	5155.3	3711.6	3549.4	2324.3	621.2
55°	3339.4	3345.2	3574.0	4183.7	4719.5	5074.3	5641.9	4709.3	4537.0	2874.5	787.8
57.5°	2968.7	2968.7	3054.1	3595.7	4631.1	5055.4	5584.0	5621.6	5481.2	3503.0	910.9
60°	2230.1	2244.6	2457.5	2836.9	3993.9	5082.9	5436.3	5912.7	5912.7	4374.8	1005.0
62.5°	1126.6	1148.4	1413.4	1782.7	2739.9	4703.5	5459.5	5766.5	5789.6	5143.8	1219.3
65°	528.6	553.2	695.1	955.8	1474.2	3310.4	5219.1	5641.9	5634.7	4997.5	1671.1
67.5°	379.4	386.7	434.4	557.5	793.6	1451.0	3983.8	5269.8	5272.6	4245.9	1921.7
70°	340.3	340.3	351.9	388.1	477.9	648.8	1936.2	4267.6	4474.7	3278.6	1781.2
72.5°	336.0	333.1	330.2	331.6	322.9	325.8	664.7	2409.7	2705.1	2293.8	1420.6
75°	327.3	327.3	324.4	314.2	257.8	210.0	228.8	974.6	1126.6	1532.1	1054.2
77.5°	259.2	285.3	315.7	296.9	236.0	157.8	133.2	282.4	356.2	939.8	764.6
80°	120.2	121.6	120.2	126.0	150.6	113.0	98.5	137.6	139.0	521.3	473.5
82.5°	86.9	88.3	84.0	75.3	66.6	60.8	81.1	101.4	108.6	238.9	176.7
85°	26.1	24.6	29.0	39.1	46.3	53.6	68.1	85.4	89.8	88.3	26.1
87.5°	11.6	11.6	14.5	20.3	27.5	40.5	59.4	78.2	79.6	91.2	7.2
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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CATALOG NUMBER: NVN-SA1C-735-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
2.5°	36.2	34.8	33.3	31.9	30.4	29.0	27.5	27.5	29.0	29.0	29.0
5°	34.8	33.3	30.4	27.5	26.1	24.6	23.2	23.2	24.6	24.6	24.6
7.5°	34.8	31.9	29.0	26.1	23.2	21.7	20.3	20.3	20.3	21.7	21.7
10°	34.8	31.9	27.5	23.2	20.3	18.8	17.4	15.9	17.4	17.4	17.4
12.5°	33.3	30.4	26.1	21.7	17.4	14.5	13.0	13.0	13.0	13.0	13.0
15°	31.9	29.0	24.6	18.8	14.5	11.6	8.7	8.7	8.7	10.1	10.1
17.5°	30.4	27.5	21.7	14.5	10.1	7.2	5.8	5.8	5.8	7.2	7.2
20°	30.4	26.1	18.8	11.6	7.2	4.3	2.9	2.9	2.9	4.3	5.8
22.5°	30.4	26.1	17.4	8.7	4.3	2.9	1.4	1.4	1.4	1.4	1.4
25°	30.4	24.6	15.9	7.2	2.9	1.4	0.0	0.0	1.4	2.9	4.3
27.5°	30.4	23.2	13.0	4.3	2.9	1.4	0.0	1.4	2.9	2.9	2.9
30°	30.4	23.2	11.6	4.3	1.4	0.0	0.0	1.4	2.9	2.9	4.3
32.5°	31.9	21.7	10.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	33.3	20.3	8.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	36.2	20.3	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	40.5	21.7	5.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	50.7	23.2	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	71.0	29.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	104.3	43.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	152.1	59.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	186.8	59.4	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	185.4	37.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	141.9	26.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	120.2	18.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	144.8	14.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	257.8	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	414.2	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	463.4	13.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	362.0	11.6	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	198.4	10.1	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	99.9	7.2	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	42.0	5.8	2.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	14.5	5.8	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	7.2	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	1.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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 3500K 4-step quadrangle

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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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics



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

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)