

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: P1067502

Luminaire Tested: **NAV-SA5B-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067502
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5B-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20616.7 lumens
Efficiency: N/A
Efficacy: 115.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 178.8
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

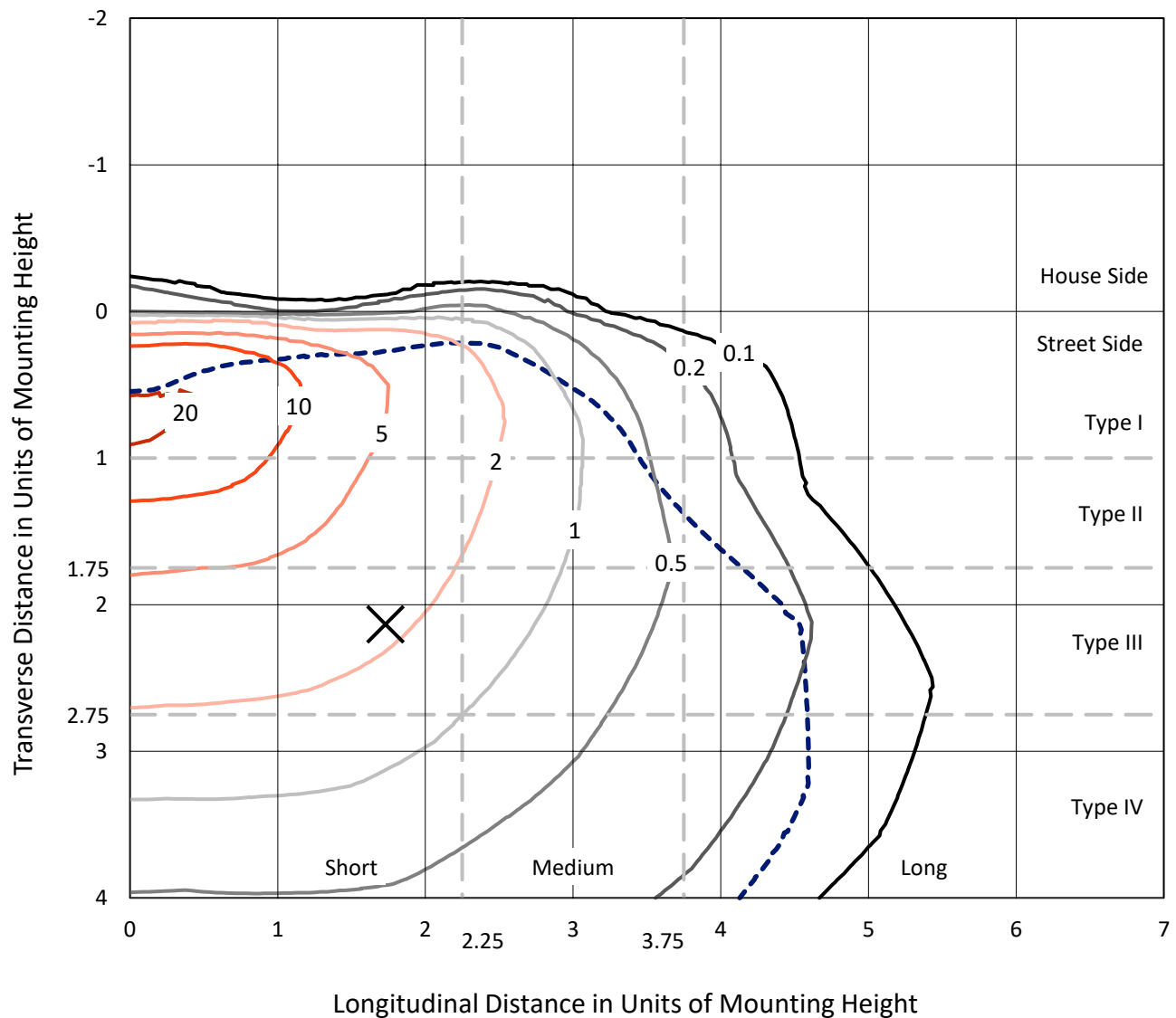


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

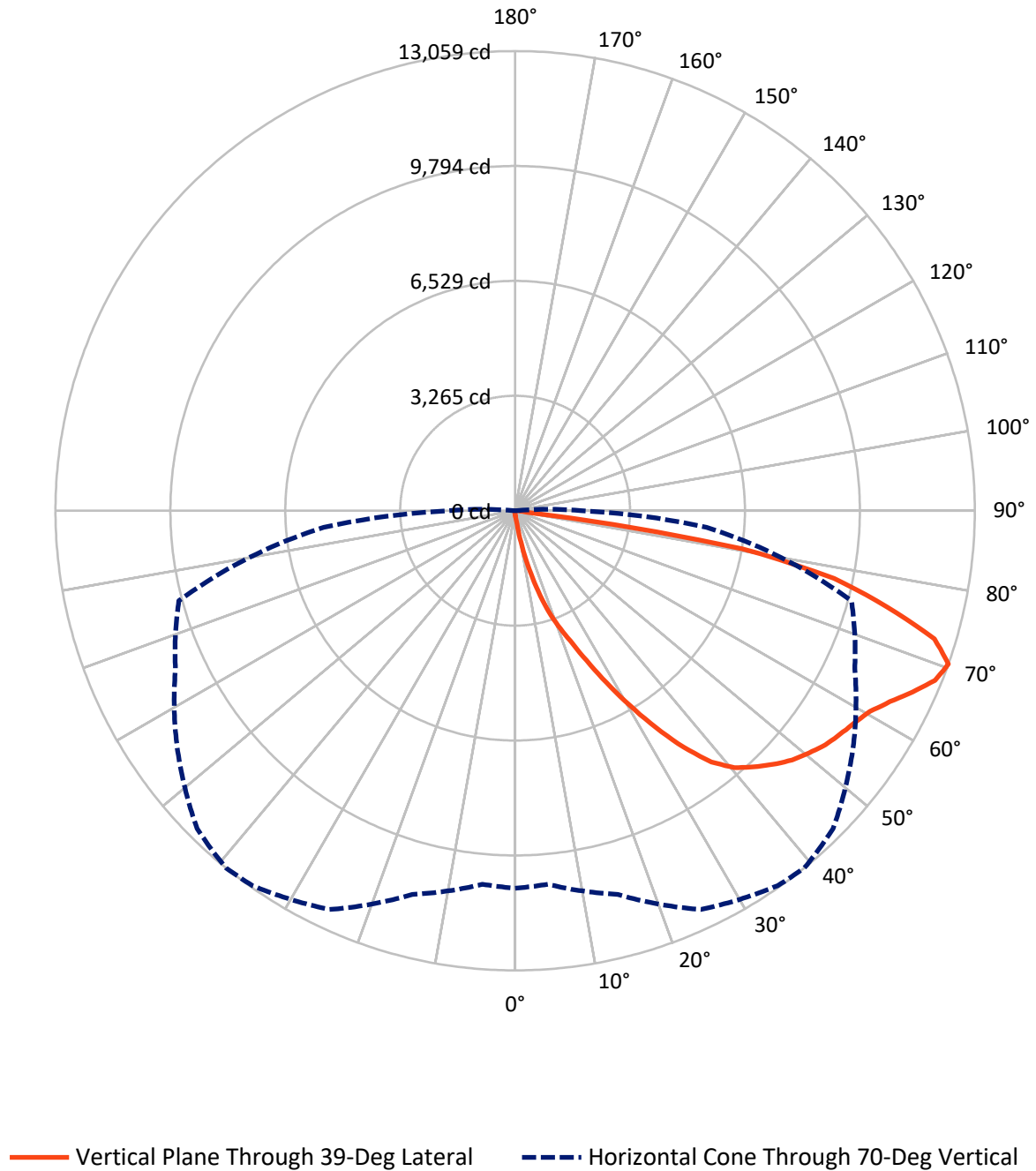


Based on 15 foot mounting height. Maximum calculated value = 22.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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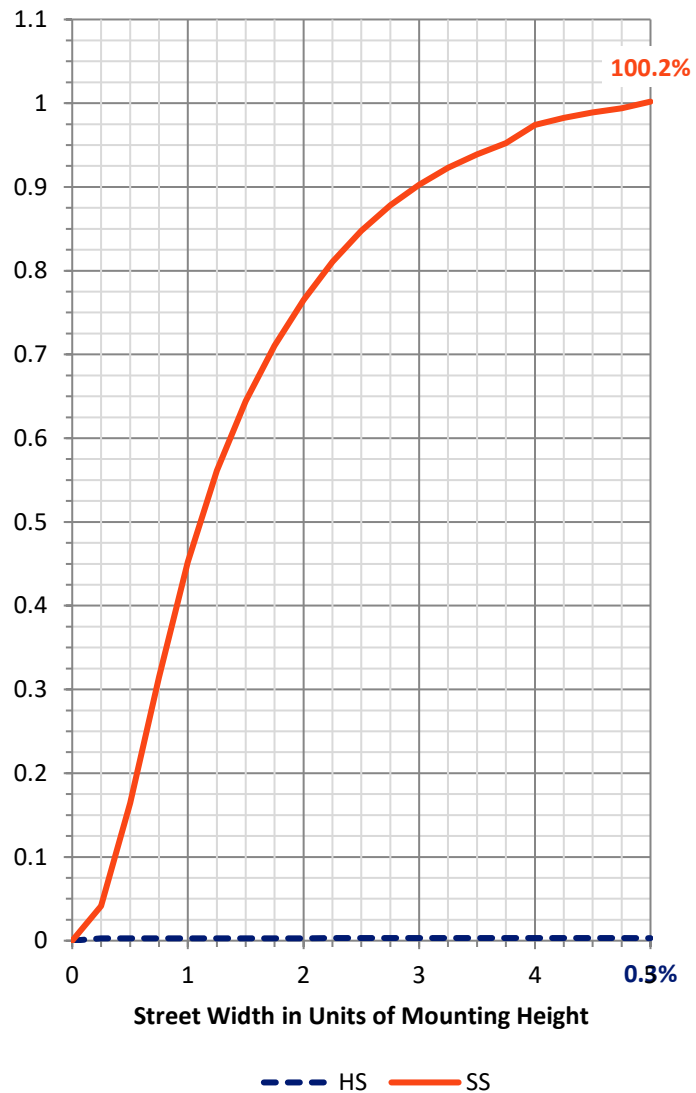
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	63.5	0.0	63.5
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	20553.2	0.0	20553.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	20616.7	0.0	20616.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.7	0.1
10°-20°	253.5	1.2
20°-30°	860.1	4.2
30°-40°	2021.4	9.8
40°-50°	3282.3	15.9
50°-60°	4159.4	20.2
60°-70°	5283.5	25.6
70°-80°	4292.8	20.8
80°-90°	442.0	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°	20616.7	100.0
0°-180°	20616.7	100.0



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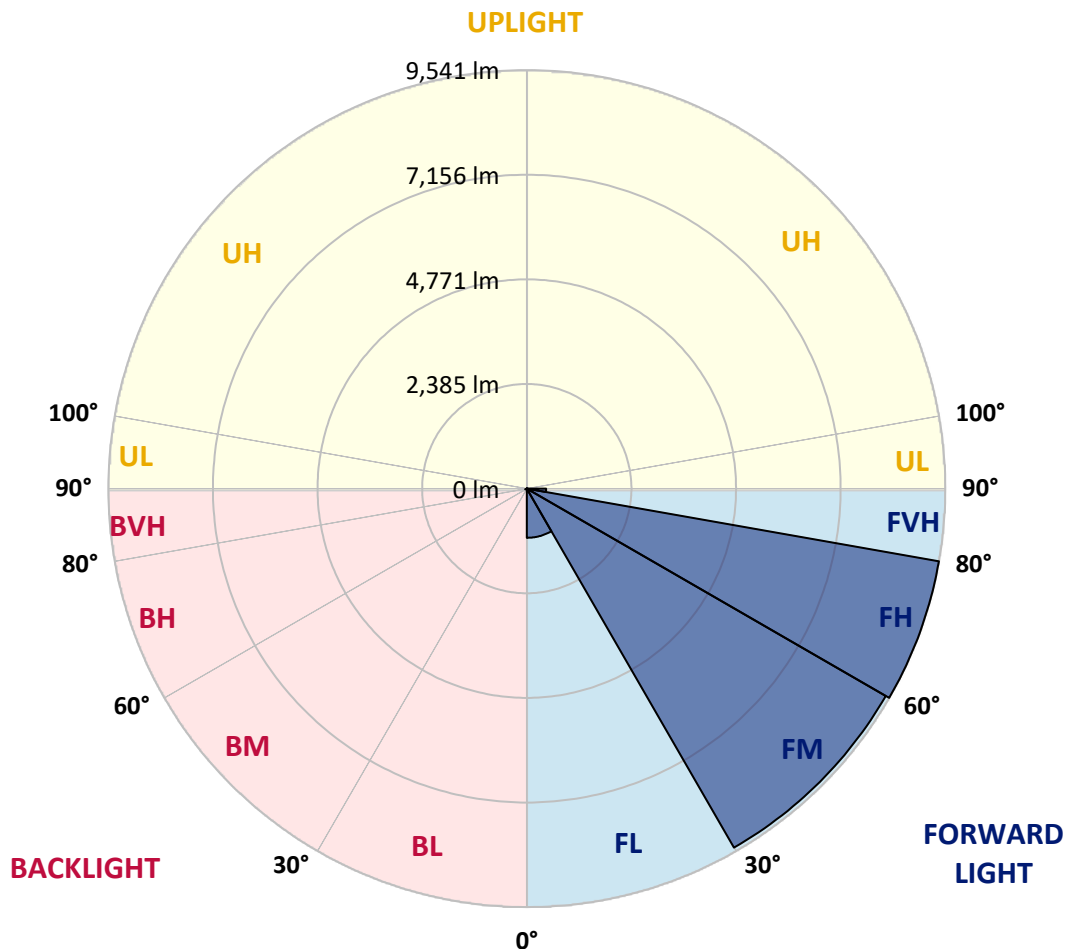
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1121.5	5.4			
FM	(30°-60°)	9450.9	45.8			
FH	(60°-80°)	9541.4	46.3			G4/12000
FVH	(80°-90°)	439.4	2.1			G3/500
BL	(0°-30°)	13.7	0.1	B0/110		
BM	(30°-60°)	12.2	0.1	B0/220		
BH	(60°-80°)	34.9	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G4

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9
2.5°	145.5	145.5	145.5	139.9	139.9	134.3	134.3	128.7	123.1	123.1	117.5
5°	274.3	279.9	263.1	229.5	207.1	195.9	184.7	156.7	139.9	128.7	117.5
7.5°	750.0	727.7	694.1	582.1	447.8	380.6	324.6	229.5	167.9	134.3	117.5
10°	1578.5	1516.9	1421.7	1270.6	1007.5	901.2	699.7	419.8	235.1	151.1	117.5
12.5°	2317.3	2328.5	2211.0	2065.4	1746.4	1567.3	1293.0	789.2	369.4	179.1	117.5
15°	2877.0	2865.9	2821.1	2703.5	2418.1	2244.5	1998.3	1326.6	621.3	223.9	123.1
17.5°	3319.2	3274.5	3257.7	3207.3	3022.6	2927.4	2658.7	1953.5	985.1	302.3	128.7
20°	3761.4	3750.2	3733.4	3677.5	3554.3	3487.2	3280.1	2586.0	1466.5	431.0	139.9
22.5°	4405.1	4343.6	4354.8	4231.6	4130.9	4013.3	3845.4	3257.7	2020.6	615.7	156.7
25°	5160.8	5155.2	5065.6	5009.6	4841.7	4713.0	4489.1	3907.0	2636.4	890.0	173.5
27.5°	6050.8	5989.2	5950.0	5854.8	5681.3	5535.8	5227.9	4550.7	3302.4	1197.8	195.9
30°	6979.9	6979.9	6907.1	6761.6	6593.7	6414.6	6101.1	5227.9	3962.9	1589.7	223.9
32.5°	8065.8	8088.2	7909.1	7690.8	7472.5	7349.3	6940.7	5994.8	4595.4	2037.4	257.5
35°	9118.1	9090.1	8793.5	8552.8	8390.5	8256.1	7909.1	6834.4	5311.9	2558.0	302.3
37.5°	10125.6	10052.9	9560.3	9218.9	9146.1	9056.5	8709.5	7674.0	6022.8	3134.5	358.2
40°	10847.7	10735.7	10226.4	9756.2	9649.9	9599.5	9330.8	8435.2	6772.8	3778.2	431.0
42.5°	11161.1	11032.4	10679.8	10299.2	10064.1	9946.5	9711.4	9056.5	7522.9	4494.7	537.3
45°	11222.7	11122.0	10870.1	10780.5	10461.5	10282.4	9963.3	9498.7	8222.5	5205.6	682.9
47.5°	10998.8	10954.0	10802.9	10993.2	10830.9	10584.6	10198.4	9829.0	8843.8	6067.5	884.4
50°	10450.3	10416.7	10489.5	10987.6	11099.6	10819.7	10455.9	10086.5	9381.2	6957.5	1169.8
52.5°	9711.4	9705.8	10047.3	10842.1	11217.1	11043.6	10707.8	10343.9	9806.6	7819.5	1572.9
55°	8905.4	9000.6	9599.5	10707.8	11284.3	11205.9	10954.0	10573.4	10187.2	8619.9	2222.2
57.5°	8838.2	8799.1	9375.6	10651.8	11323.5	11368.2	11200.3	10814.1	10511.9	9274.8	3089.7
60°	9509.9	9420.4	9638.7	10769.3	11497.0	11575.4	11446.6	10998.8	10836.5	9789.8	4231.6
62.5°	10288.0	10204.0	10315.9	11222.7	11838.4	11950.4	11788.1	11189.1	11099.6	10148.0	5457.4
65°	10909.3	10842.1	11054.8	11900.0	12314.2	12409.4	12297.4	11541.8	11217.1	10439.1	6453.8
67.5°	11010.0	10926.1	11368.2	12353.4	12795.6	12862.7	12773.2	11883.2	11177.9	10461.5	6683.3
70°	10724.6	10651.8	11284.3	12498.9	13002.7	13058.7	12773.2	11720.9	10646.2	9890.5	5463.0
72.5°	9845.8	9901.7	10719.0	12146.3	12717.2	12459.7	11855.2	10903.7	9957.7	8384.9	3834.2
75°	8480.0	8541.6	9627.5	11177.9	11222.7	10909.3	10584.6	10030.5	8911.0	5524.6	2658.7
77.5°	6028.4	5810.1	7433.3	9230.1	9067.7	9269.2	9297.2	8345.7	7461.3	2877.0	1780.0
80°	593.3	503.8	934.8	2647.6	5849.2	6537.7	6806.4	6431.4	5502.2	1287.4	934.8
82.5°	128.7	128.7	139.9	151.1	235.1	352.6	1617.6	3962.9	3554.3	654.9	302.3
85°	72.8	72.8	89.6	106.3	139.9	156.7	184.7	246.3	957.1	235.1	56.0
87.5°	56.0	61.6	72.8	89.6	117.5	128.7	156.7	195.9	240.7	218.3	16.8
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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CATALOG NUMBER: NAV-SA5B-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9	111.9
2.5°	117.5	111.9	106.3	100.8	95.2	95.2	89.6	89.6	89.6	89.6	89.6
5°	111.9	106.3	100.8	89.6	84.0	78.4	72.8	72.8	72.8	72.8	72.8
7.5°	111.9	106.3	95.2	84.0	72.8	67.2	61.6	56.0	56.0	61.6	61.6
10°	111.9	100.8	84.0	72.8	61.6	56.0	50.4	44.8	44.8	44.8	44.8
12.5°	106.3	95.2	78.4	67.2	56.0	44.8	33.6	28.0	28.0	28.0	28.0
15°	100.8	89.6	72.8	56.0	39.2	28.0	22.4	16.8	16.8	16.8	16.8
17.5°	100.8	84.0	67.2	50.4	28.0	16.8	11.2	5.6	5.6	5.6	11.2
20°	100.8	84.0	61.6	39.2	16.8	11.2	11.2	5.6	0.0	5.6	5.6
22.5°	100.8	78.4	50.4	28.0	16.8	11.2	5.6	0.0	0.0	0.0	0.0
25°	106.3	78.4	44.8	22.4	11.2	5.6	0.0	0.0	0.0	0.0	0.0
27.5°	106.3	72.8	39.2	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0
30°	111.9	72.8	33.6	11.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	111.9	67.2	22.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	111.9	61.6	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	111.9	56.0	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	117.5	50.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	123.1	44.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	128.7	39.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	145.5	39.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	167.9	39.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	201.5	39.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	263.1	33.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	380.6	33.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	638.1	33.6	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1119.5	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1891.9	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2468.4	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1875.1	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	895.6	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	397.4	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	173.5	16.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	67.2	11.2	5.6	5.6	5.6	5.6	0.0	0.0	0.0	0.0	0.0
82.5°	28.0	11.2	5.6	5.6	5.6	5.6	5.6	0.0	0.0	0.0	0.0
85°	16.8	11.2	11.2	11.2	5.6	5.6	5.6	0.0	0.0	0.0	0.0
87.5°	11.2	11.2	11.2	11.2	11.2	5.6	5.6	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

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	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



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



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)