

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: P1067385

Luminaire Tested: **NAV-SA6A-835-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067385
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6A-835-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18454.9 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 161.6
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



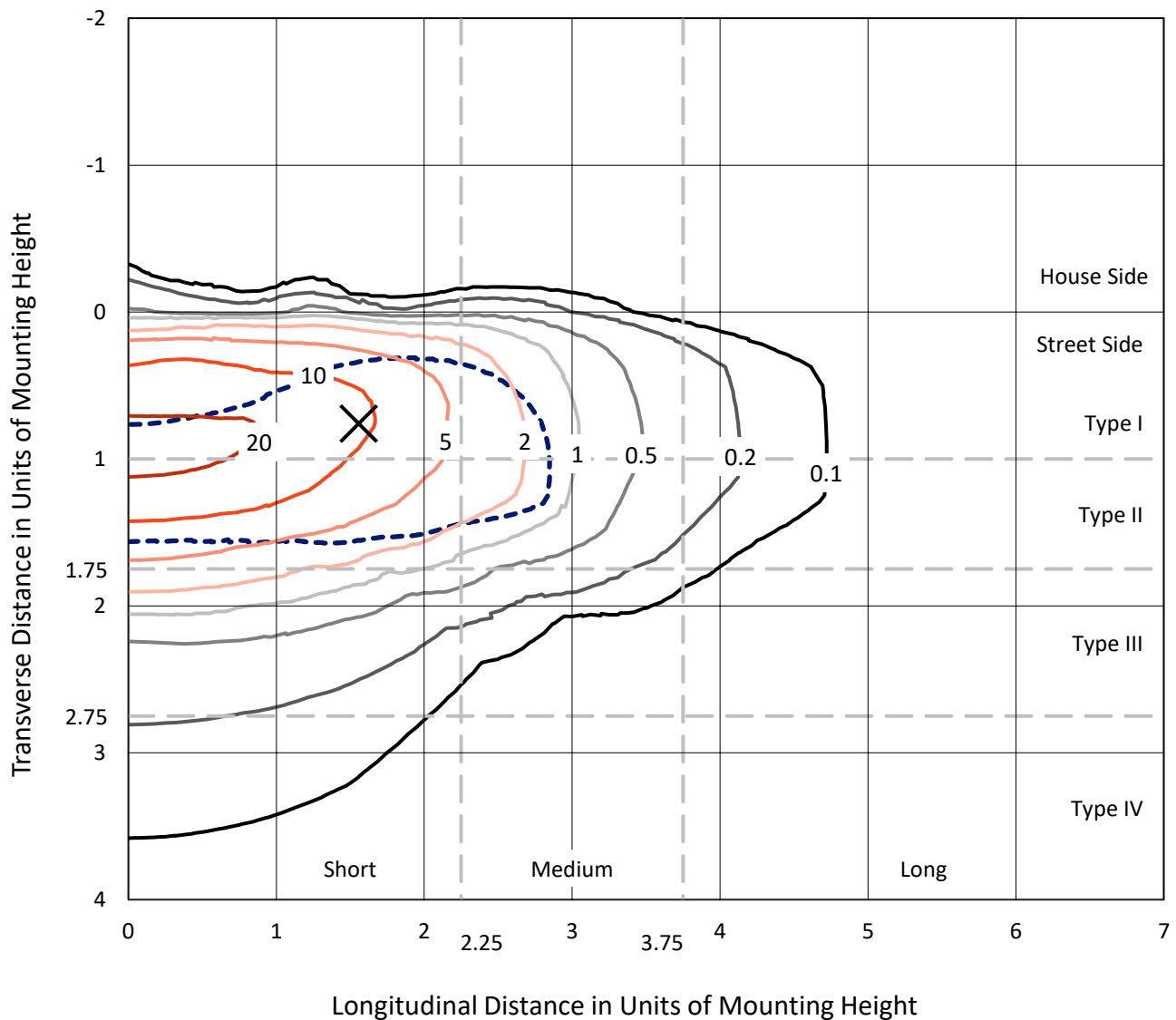
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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

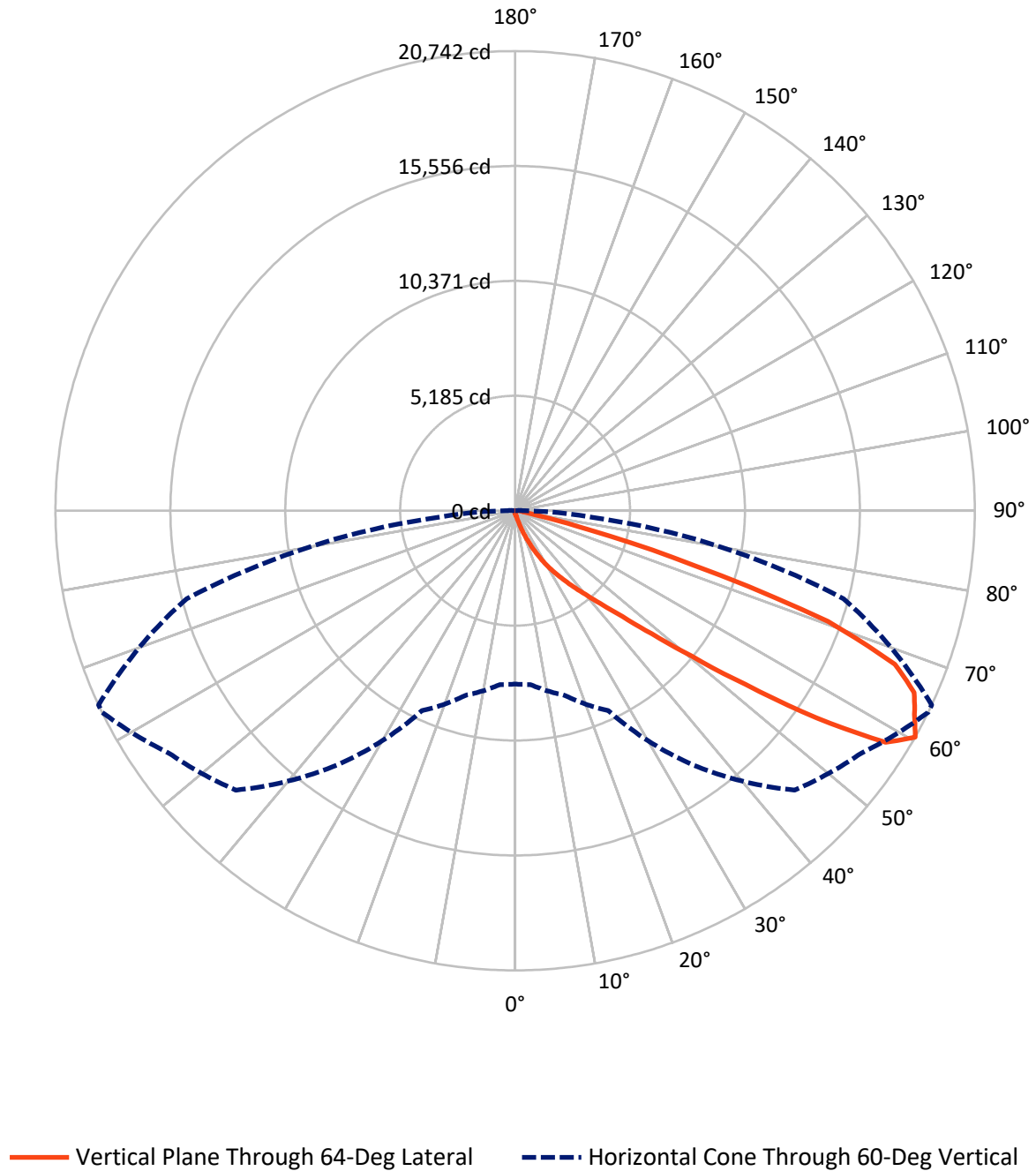


Based on 15 foot mounting height. Maximum calculated value = 26.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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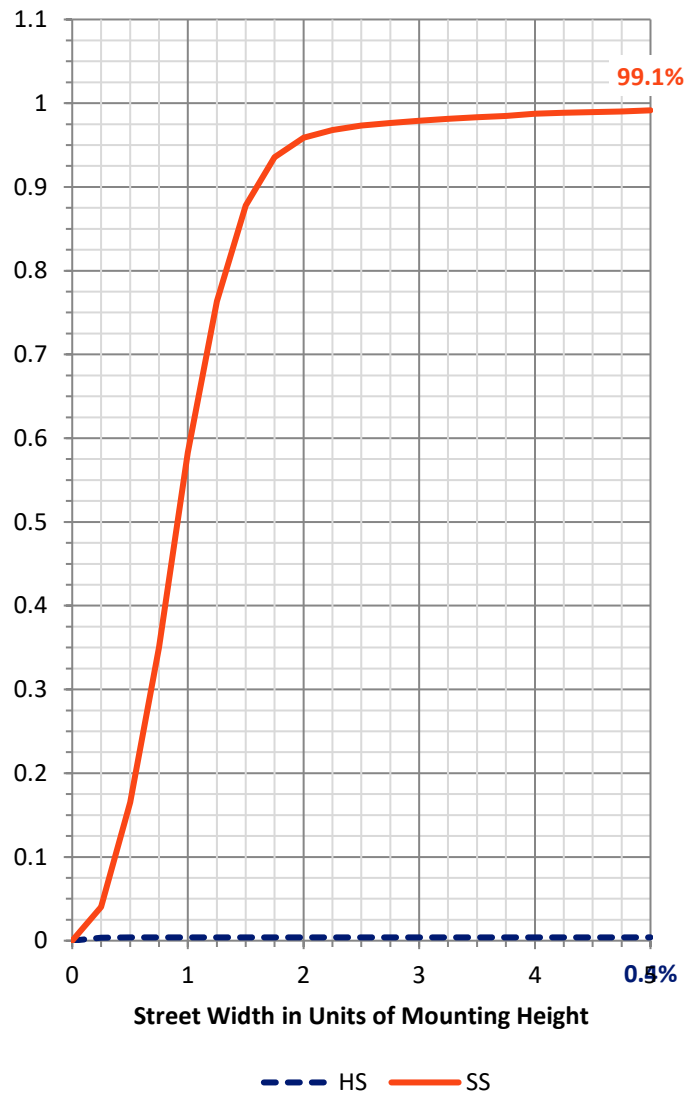
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	74.8	0.0	74.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	18380.1	0.0	18380.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	18454.9	0.0	18454.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.4	0.1
10°-20°	181.4	1.0
20°-30°	602.3	3.3
30°-40°	1607.2	8.7
40°-50°	4085.1	22.1
50°-60°	5955.1	32.3
60°-70°	4599.8	24.9
70°-80°	1263.2	6.8
80°-90°	142.6	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°	18454.9	100.0
0°-180°	18454.9	100.0



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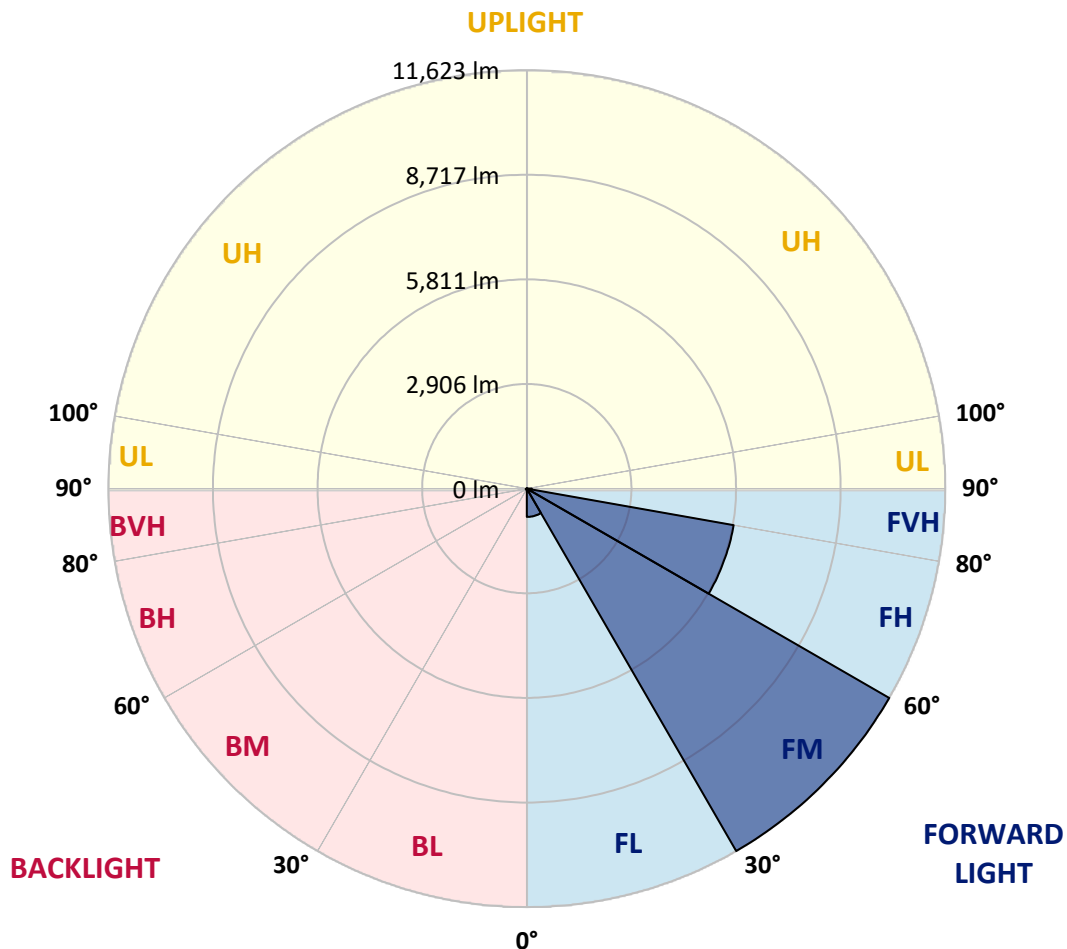
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	785.2	4.3			
FM	(30°-60°)	11622.6	63.0			
FH	(60°-80°)	5833.1	31.6			G3/7500
FVH	(80°-90°)	139.2	0.8			G2/225
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	24.8	0.1	B0/220		
BH	(60°-80°)	29.8	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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-G3

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9
2.5°	162.6	162.6	162.6	157.5	152.4	152.4	147.3	142.2	142.2	132.1	127.0
5°	248.9	248.9	238.8	228.6	213.4	193.0	172.7	157.5	157.5	142.2	132.1
7.5°	487.7	502.9	457.2	401.3	325.1	274.3	218.4	182.9	177.8	152.4	132.1
10°	1056.6	1046.5	975.4	838.2	660.4	477.5	304.8	223.5	213.4	162.6	132.1
12.5°	1590.0	1605.3	1529.1	1376.7	1163.3	848.4	523.2	289.6	279.4	177.8	132.1
15°	2047.2	2047.2	1996.4	1920.2	1686.6	1356.4	843.3	431.8	396.2	193.0	127.0
17.5°	2362.2	2357.1	2336.8	2316.5	2179.3	1839.0	1290.3	690.9	609.6	228.6	127.0
20°	2717.8	2702.6	2728.0	2687.3	2580.6	2311.4	1762.8	1026.2	950.0	289.6	127.0
22.5°	3088.6	3103.9	3124.2	3083.5	2966.7	2733.0	2260.6	1458.0	1376.7	401.3	132.1
25°	3561.1	3550.9	3596.6	3561.1	3413.7	3139.4	2728.0	1930.4	1813.6	558.8	142.2
27.5°	4140.2	4119.9	4150.3	4058.9	3865.9	3586.5	3144.5	2413.0	2275.8	802.6	162.6
30°	4907.3	4922.5	4785.3	4678.7	4404.3	4033.5	3606.8	2931.2	2788.9	1092.2	182.9
32.5°	6116.3	6009.6	5796.3	5364.5	5003.8	4531.3	4069.1	3383.3	3256.3	1463.0	213.4
35°	8001.0	8021.3	7553.9	6487.1	5704.8	5156.2	4577.1	3881.1	3789.7	1884.7	254.0
37.5°	10297.1	10241.2	9829.8	8483.6	6731.0	5933.4	5156.2	4424.7	4292.6	2341.9	304.8
40°	12898.1	12664.4	12425.6	11511.2	8869.6	6908.8	5887.7	5054.6	4953.0	2870.2	386.1
42.5°	14980.9	14919.9	14960.5	14579.6	12435.8	8569.9	6858.0	5826.7	5704.8	3525.5	528.3
45°	16007.0	15920.7	16164.5	16449.0	15900.3	12105.6	8422.6	6812.3	6649.7	4297.7	746.8
47.5°	15732.7	15671.7	16195.0	16753.8	17485.3	16205.1	10977.8	8285.5	8006.1	5288.3	1071.9
50°	14381.4	14386.5	15245.0	16286.4	17444.7	18282.9	14762.4	10302.2	9951.7	6604.0	1579.9
52.5°	13065.7	13106.4	14015.7	15534.6	16840.1	18526.7	18084.7	13020.0	12451.0	8153.4	2179.3
55°	11714.4	11734.8	12537.4	14676.1	16555.7	17800.3	19791.6	16520.1	15915.6	10083.8	2763.5
57.5°	10414.0	10414.0	10713.7	12613.6	16245.8	17734.2	19588.4	19720.5	19227.7	12288.5	3195.3
60°	7823.2	7874.0	8620.7	9951.7	14010.6	17830.7	19070.3	20741.6	20741.6	15346.6	3525.5
62.5°	3952.2	4028.4	4958.1	6253.5	9611.3	16499.8	19151.5	20228.5	20309.8	18044.1	4277.3
65°	1854.2	1940.6	2438.4	3352.8	5171.4	11612.8	18308.3	19791.6	19766.2	17531.0	5862.3
67.5°	1331.0	1356.4	1524.0	1955.8	2783.8	5090.1	13975.0	18486.1	18496.2	14894.5	6741.1
70°	1193.8	1193.8	1234.4	1361.4	1676.4	2275.8	6791.9	14970.7	15697.1	11501.1	6248.4
72.5°	1178.6	1168.4	1158.2	1163.3	1132.8	1143.0	2331.7	8453.1	9489.4	8046.7	4983.5
75°	1148.1	1148.1	1137.9	1102.4	904.2	736.6	802.6	3418.8	3952.2	5374.6	3698.2
77.5°	909.3	1000.8	1107.4	1041.4	828.0	553.7	467.4	990.6	1249.7	3296.9	2682.2
80°	421.6	426.7	421.6	442.0	528.3	396.2	345.4	482.6	487.7	1828.8	1661.2
82.5°	304.8	309.9	294.6	264.2	233.7	213.4	284.5	355.6	381.0	838.2	619.8
85°	91.4	86.4	101.6	137.2	162.6	188.0	238.8	299.7	315.0	309.9	91.4
87.5°	40.6	40.6	50.8	71.1	96.5	142.2	208.3	274.3	279.4	320.0	25.4
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-SA6A-835-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9	121.9
2.5°	127.0	121.9	116.8	111.8	106.7	101.6	96.5	96.5	101.6	101.6	101.6
5°	121.9	116.8	106.7	96.5	91.4	86.4	81.3	81.3	86.4	86.4	86.4
7.5°	121.9	111.8	101.6	91.4	81.3	76.2	71.1	71.1	71.1	76.2	76.2
10°	121.9	111.8	96.5	81.3	71.1	66.0	61.0	55.9	61.0	61.0	61.0
12.5°	116.8	106.7	91.4	76.2	61.0	50.8	45.7	45.7	45.7	45.7	45.7
15°	111.8	101.6	86.4	66.0	50.8	40.6	30.5	30.5	30.5	35.6	35.6
17.5°	106.7	96.5	76.2	50.8	35.6	25.4	20.3	20.3	20.3	25.4	25.4
20°	106.7	91.4	66.0	40.6	25.4	15.2	10.2	10.2	10.2	15.2	20.3
22.5°	106.7	91.4	61.0	30.5	15.2	10.2	5.1	5.1	5.1	5.1	5.1
25°	106.7	86.4	55.9	25.4	10.2	5.1	0.0	0.0	5.1	10.2	15.2
27.5°	106.7	81.3	45.7	15.2	10.2	5.1	0.0	5.1	10.2	10.2	10.2
30°	106.7	81.3	40.6	15.2	5.1	0.0	0.0	5.1	10.2	10.2	15.2
32.5°	111.8	76.2	35.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	116.8	71.1	30.5	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	127.0	71.1	20.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	142.2	76.2	20.3	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	177.8	81.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	248.9	101.6	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	365.8	152.4	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	533.4	208.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	655.3	208.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	650.2	132.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	497.8	91.4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	421.6	66.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	508.0	50.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	904.2	45.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1452.9	45.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1625.6	45.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1270.0	40.6	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	696.0	35.6	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	350.5	25.4	10.2	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	147.3	20.3	10.2	5.1	5.1	5.1	0.0	0.0	0.0	0.0	0.0
82.5°	50.8	20.3	10.2	10.2	5.1	5.1	0.0	0.0	0.0	0.0	0.0
85°	25.4	15.2	15.2	10.2	10.2	5.1	5.1	0.0	0.0	0.0	0.0
87.5°	15.2	15.2	15.2	10.2	10.2	5.1	5.1	0.0	0.0	0.0	5.1
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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

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 7-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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $\text{CIE } R_a = 83.5$
 $R_9 = 6.3$



Color Vector Graphics



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

CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)