

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: P1067610

Luminaire Tested: **NAV-SA2B-835-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067610
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2B-835-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7893.4 lumens
Efficiency: N/A
Efficacy: 108.4 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): 72.8
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

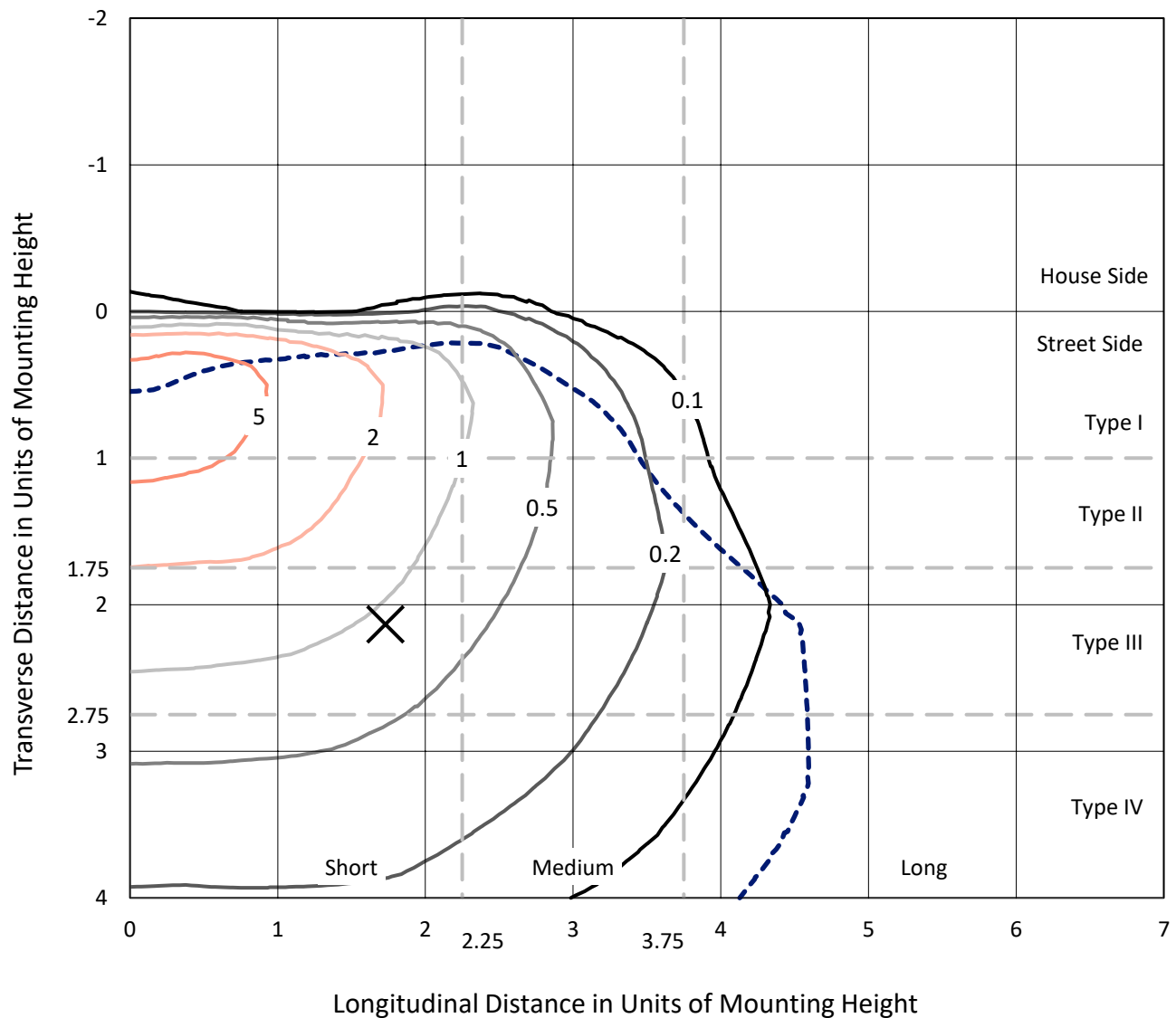


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

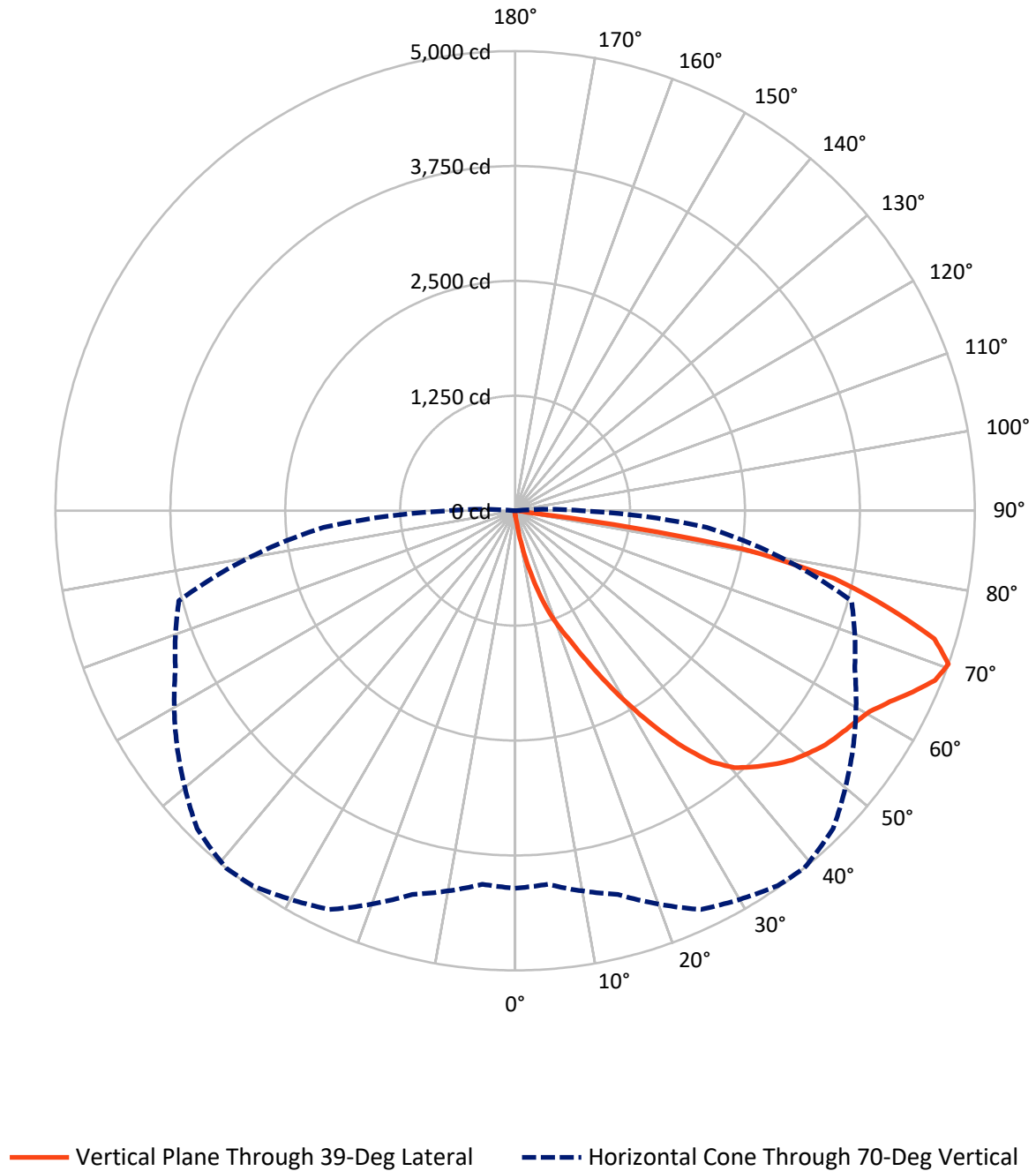


Based on 15 foot mounting height. Maximum calculated value = 8.6 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	24.3	0.0	24.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	7869.1	0.0	7869.1
	% Fixture	99.7	0.0	99.7
Total	Lumens	7893.4	0.0	7893.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.3	0.1
10°-20°	97.0	1.2
20°-30°	329.3	4.2
30°-40°	773.9	9.8
40°-50°	1256.7	15.9
50°-60°	1592.5	20.2
60°-70°	2022.9	25.6
70°-80°	1643.6	20.8
80°-90°	169.2	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°	7893.4	100.0
0°-180°	7893.4	100.0



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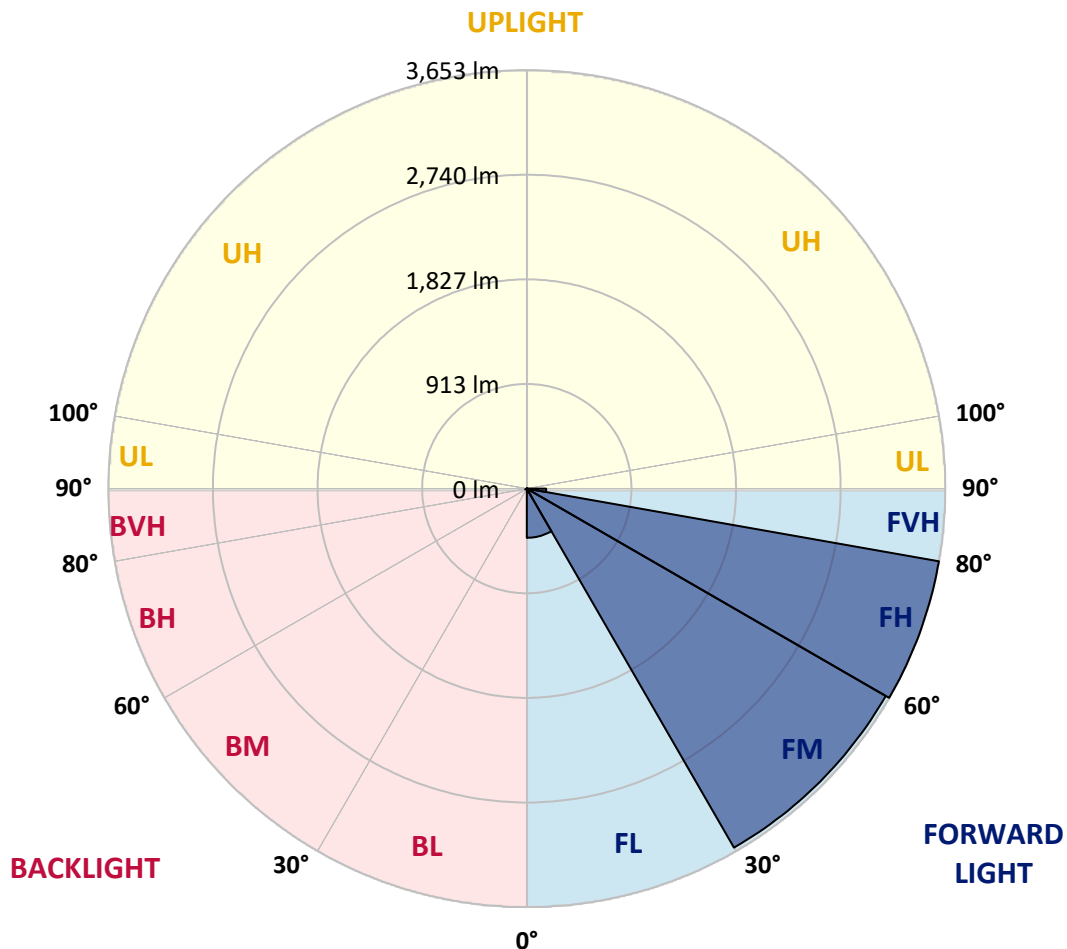
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	429.4	5.4			
FM	(30°-60°)	3618.4	45.8			
FH	(60°-80°)	3653.1	46.3			G2/5000
FVH	(80°-90°)	168.2	2.1			G2/225
BL	(0°-30°)	5.3	0.1	B0/110		
BM	(30°-60°)	4.7	0.1	B0/220		
BH	(60°-80°)	13.4	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2.5°	55.7	55.7	55.7	53.6	53.6	51.4	51.4	49.3	47.1	47.1	45.0
5°	105.0	107.2	100.7	87.9	79.3	75.0	70.7	60.0	53.6	49.3	45.0
7.5°	287.2	278.6	265.7	222.9	171.4	145.7	124.3	87.9	64.3	51.4	45.0
10°	604.3	580.8	544.3	486.5	385.7	345.0	267.9	160.7	90.0	57.9	45.0
12.5°	887.2	891.5	846.5	790.8	668.6	600.1	495.0	302.2	141.4	68.6	45.0
15°	1101.5	1097.2	1080.1	1035.1	925.8	859.4	765.1	507.9	237.9	85.7	47.1
17.5°	1270.8	1253.7	1247.2	1228.0	1157.2	1120.8	1017.9	747.9	377.2	115.7	49.3
20°	1440.1	1435.8	1429.4	1408.0	1360.8	1335.1	1255.8	990.1	561.5	165.0	53.6
22.5°	1686.6	1663.0	1667.3	1620.1	1581.6	1536.6	1472.3	1247.2	773.6	235.7	60.0
25°	1975.9	1973.7	1939.4	1918.0	1853.7	1804.4	1718.7	1495.8	1009.4	340.7	66.4
27.5°	2316.6	2293.1	2278.0	2241.6	2175.2	2119.5	2001.6	1742.3	1264.4	458.6	75.0
30°	2672.4	2672.4	2644.5	2588.8	2524.5	2455.9	2335.9	2001.6	1517.3	608.6	85.7
32.5°	3088.1	3096.7	3028.1	2944.5	2861.0	2813.8	2657.4	2295.2	1759.4	780.1	98.6
35°	3491.0	3480.3	3366.7	3274.6	3212.4	3161.0	3028.1	2616.6	2033.7	979.4	115.7
37.5°	3876.8	3848.9	3660.3	3529.6	3501.7	3467.4	3334.6	2938.1	2305.9	1200.1	137.2
40°	4153.2	4110.3	3915.3	3735.3	3694.6	3675.3	3572.4	3229.6	2593.1	1446.6	165.0
42.5°	4273.2	4223.9	4088.9	3943.2	3853.2	3808.2	3718.2	3467.4	2880.2	1720.9	205.7
45°	4296.8	4258.2	4161.8	4127.5	4005.3	3936.8	3814.6	3636.7	3148.1	1993.0	261.5
47.5°	4211.1	4193.9	4136.1	4208.9	4146.8	4052.5	3904.6	3763.2	3386.0	2323.1	338.6
50°	4001.1	3988.2	4016.1	4206.8	4249.6	4142.5	4003.2	3861.8	3591.7	2663.8	447.9
52.5°	3718.2	3716.0	3846.8	4151.1	4294.6	4228.2	4099.6	3960.3	3754.6	2993.8	602.2
55°	3409.6	3446.0	3675.3	4099.6	4320.4	4290.4	4193.9	4048.2	3900.3	3300.3	850.8
57.5°	3383.9	3368.9	3589.6	4078.2	4335.4	4352.5	4288.2	4140.4	4024.6	3551.0	1183.0
60°	3641.0	3606.7	3690.3	4123.2	4401.8	4431.8	4382.5	4211.1	4148.9	3748.2	1620.1
62.5°	3938.9	3906.8	3949.6	4296.8	4532.5	4575.4	4513.2	4283.9	4249.6	3885.3	2089.5
65°	4176.8	4151.1	4232.5	4556.1	4714.7	4751.1	4708.3	4418.9	4294.6	3996.8	2470.9
67.5°	4215.4	4183.2	4352.5	4729.7	4899.0	4924.7	4890.4	4549.7	4279.6	4005.3	2558.8
70°	4106.1	4078.2	4320.4	4785.4	4978.3	4999.7	4890.4	4487.5	4076.1	3786.7	2091.6
72.5°	3769.6	3791.0	4103.9	4650.4	4869.0	4770.4	4539.0	4174.6	3812.5	3210.3	1468.0
75°	3246.7	3270.3	3686.0	4279.6	4296.8	4176.8	4052.5	3840.3	3411.7	2115.2	1017.9
77.5°	2308.1	2224.5	2846.0	3533.9	3471.7	3548.9	3559.6	3195.3	2856.7	1101.5	681.5
80°	227.2	192.9	357.9	1013.7	2239.5	2503.1	2605.9	2462.4	2106.6	492.9	357.9
82.5°	49.3	49.3	53.6	57.9	90.0	135.0	619.3	1517.3	1360.8	250.7	115.7
85°	27.9	27.9	34.3	40.7	53.6	60.0	70.7	94.3	366.5	90.0	21.4
87.5°	21.4	23.6	27.9	34.3	45.0	49.3	60.0	75.0	92.2	83.6	6.4
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
2.5°	45.0	42.9	40.7	38.6	36.4	36.4	34.3	34.3	34.3	34.3	34.3
5°	42.9	40.7	38.6	34.3	32.1	30.0	27.9	27.9	27.9	27.9	27.9
7.5°	42.9	40.7	36.4	32.1	27.9	25.7	23.6	21.4	21.4	23.6	23.6
10°	42.9	38.6	32.1	27.9	23.6	21.4	19.3	17.1	17.1	17.1	17.1
12.5°	40.7	36.4	30.0	25.7	21.4	17.1	12.9	10.7	10.7	10.7	10.7
15°	38.6	34.3	27.9	21.4	15.0	10.7	8.6	6.4	6.4	6.4	6.4
17.5°	38.6	32.1	25.7	19.3	10.7	6.4	4.3	2.1	2.1	2.1	4.3
20°	38.6	32.1	23.6	15.0	6.4	4.3	4.3	2.1	0.0	2.1	2.1
22.5°	38.6	30.0	19.3	10.7	6.4	4.3	2.1	0.0	0.0	0.0	0.0
25°	40.7	30.0	17.1	8.6	4.3	2.1	0.0	0.0	0.0	0.0	0.0
27.5°	40.7	27.9	15.0	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	42.9	27.9	12.9	4.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	42.9	25.7	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	42.9	23.6	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	42.9	21.4	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	45.0	19.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	47.1	17.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	49.3	15.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	55.7	15.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	64.3	15.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	77.1	15.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	100.7	12.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	145.7	12.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	244.3	12.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	428.6	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	724.3	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	945.1	15.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	717.9	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	342.9	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	152.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	66.4	6.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	25.7	4.3	2.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	10.7	4.3	2.1	2.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0
85°	6.4	4.3	4.3	4.3	2.1	2.1	2.1	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	4.3	4.3	2.1	2.1	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: SP1-2407-184-10

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

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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 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

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$



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)