

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: P1067130

Luminaire Tested: **NAV-SA2B-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067130
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-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8256.1 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type III - 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

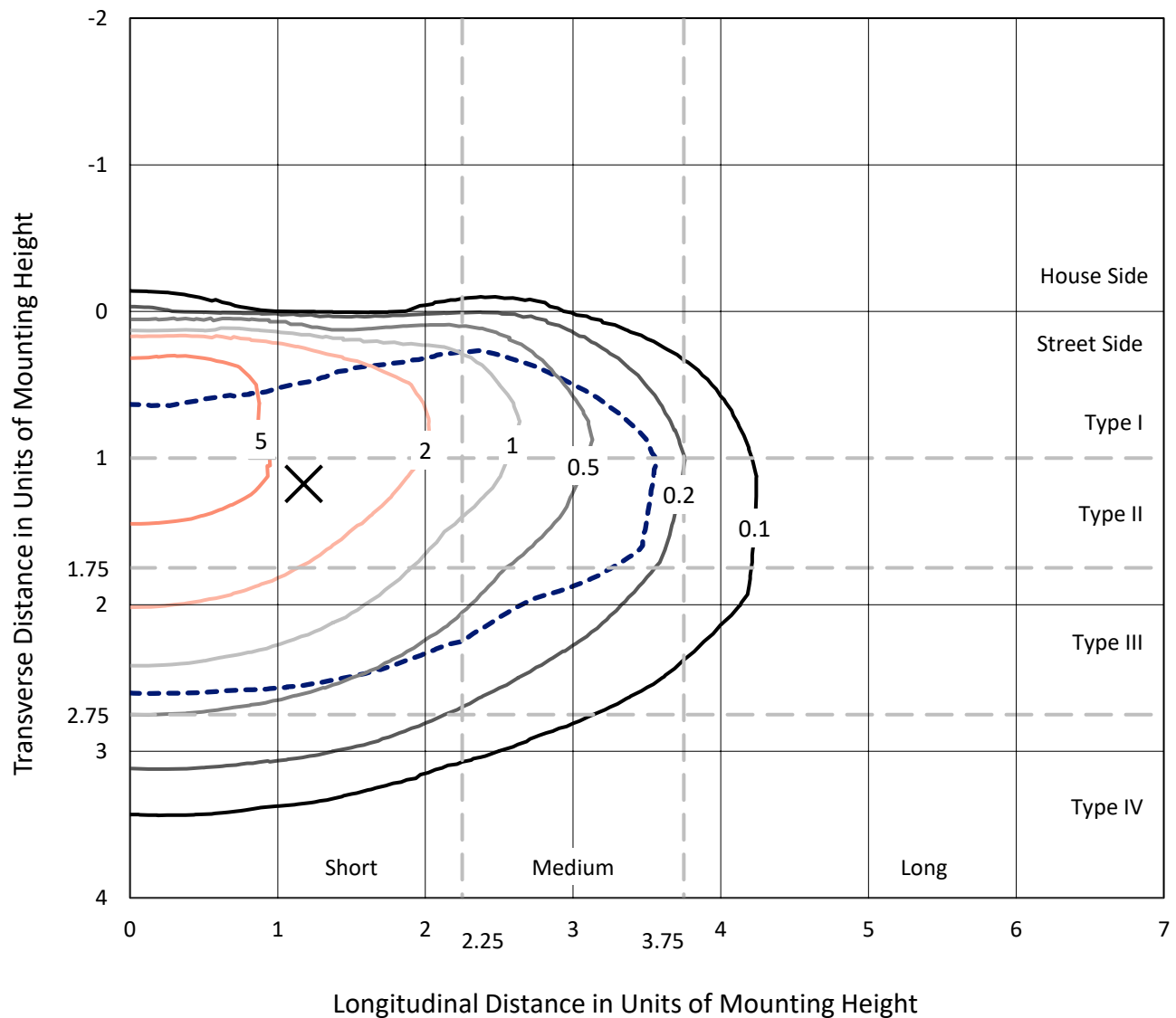


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

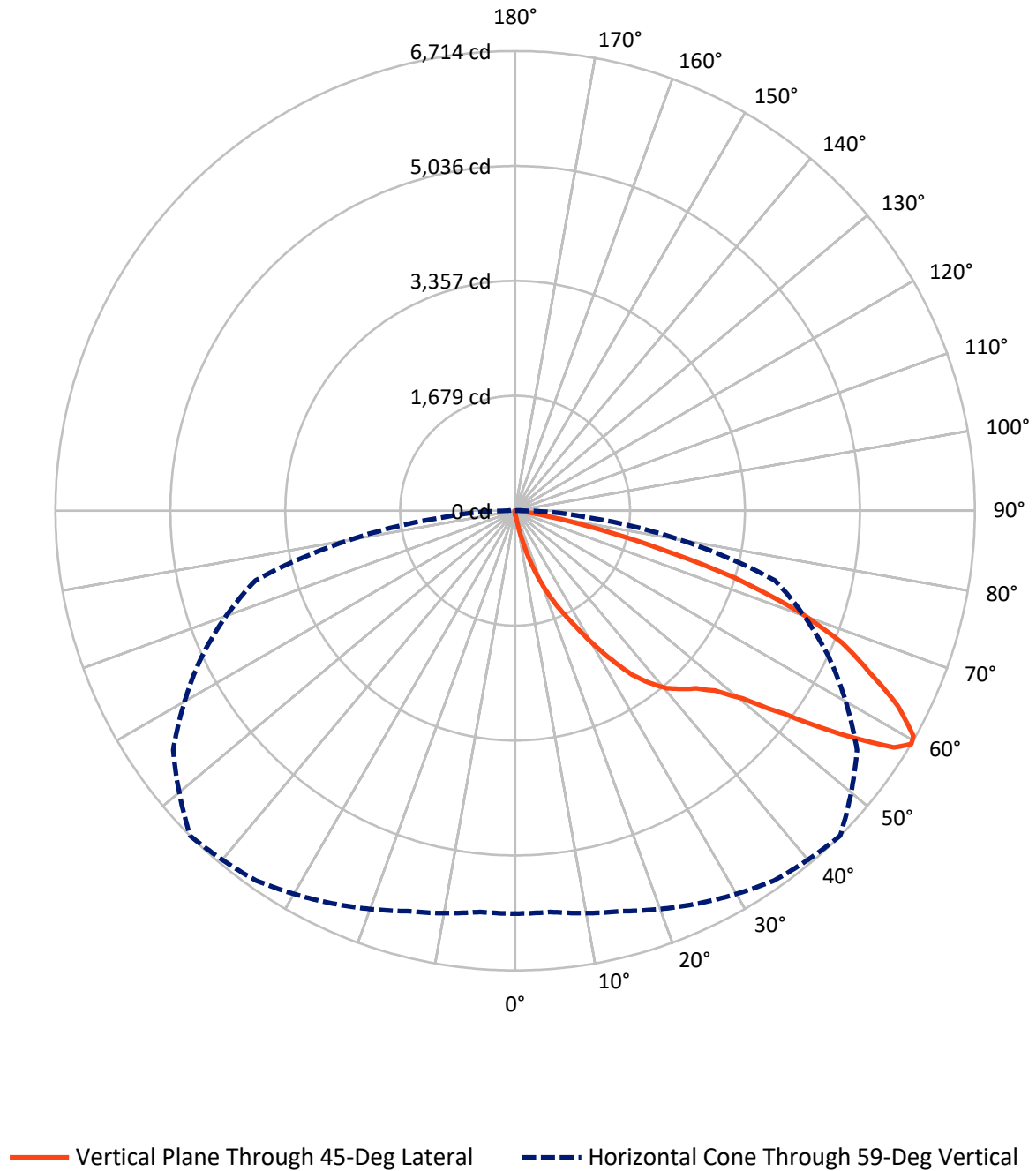


Based on 15 foot mounting height. Maximum calculated value = 9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	29.3	0.0	29.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	8226.8	0.0	8226.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	8256.1	0.0	8256.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.1
10°-20°	91.3	1.1
20°-30°	327.9	4.0
30°-40°	761.9	9.2
40°-50°	1298.6	15.7
50°-60°	2139.8	25.9
60°-70°	2474.1	30.0
70°-80°	1063.0	12.9
80°-90°	91.9	1.1
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°	8256.1	100.0
0°-180°	8256.1	100.0



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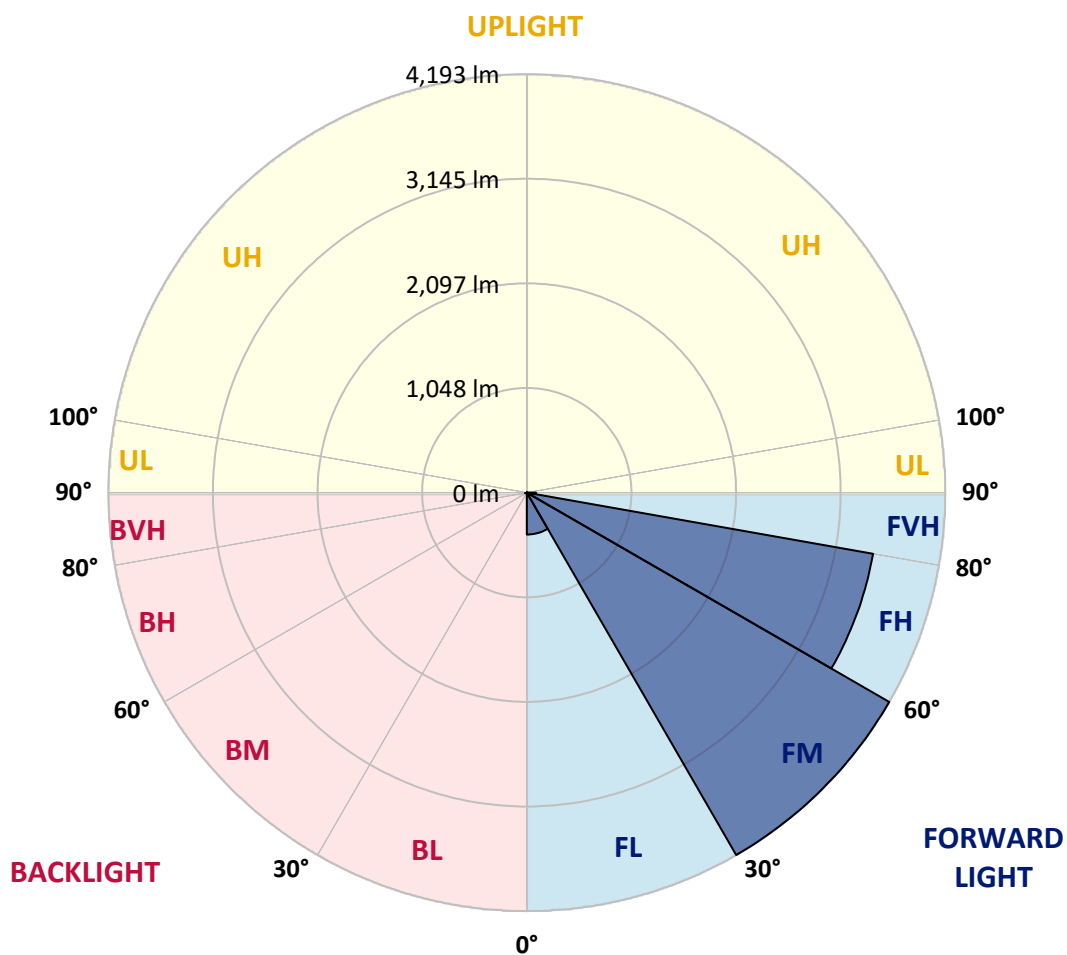
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	419.6	5.1			
FM	(30°-60°)	4193.3	50.8			
FH	(60°-80°)	3523.3	42.7			G2/5000
FVH	(80°-90°)	90.7	1.1			G1/100
BL	(0°-30°)	7.2	0.1	B0/110		
BM	(30°-60°)	7.1	0.1	B0/220		
BH	(60°-80°)	13.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.2	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
2.5°	67.7	67.7	66.1	63.8	63.3	61.6	61.6	60.0	57.7	56.1	53.8
5°	98.3	97.7	93.3	87.7	80.5	76.1	76.1	69.9	64.4	59.4	55.0
7.5°	214.8	209.8	193.7	167.1	132.1	108.8	107.1	87.2	73.8	63.8	55.5
10°	493.0	475.8	453.0	389.2	287.6	201.0	197.1	127.1	88.3	68.8	56.6
12.5°	807.7	821.6	776.1	675.6	556.8	414.1	386.4	214.3	116.6	75.5	57.7
15°	1094.2	1090.9	1065.3	983.2	846.0	656.2	639.0	372.5	167.1	86.0	58.8
17.5°	1308.5	1304.6	1280.2	1227.4	1121.9	932.1	917.1	594.0	262.0	101.0	60.0
20°	1534.4	1529.4	1495.0	1452.8	1360.7	1199.1	1181.3	841.6	410.3	125.5	60.0
22.5°	1805.3	1795.9	1759.2	1687.6	1590.5	1450.0	1433.9	1094.7	594.0	165.4	62.7
25°	2132.9	2116.8	2066.2	2001.8	1884.7	1698.2	1681.0	1376.8	815.5	225.9	65.5
27.5°	2506.5	2509.2	2441.0	2332.2	2175.0	1984.6	1952.4	1629.3	1044.8	312.5	68.8
30°	2950.0	2922.3	2826.2	2699.7	2547.0	2304.4	2273.3	1880.8	1302.4	440.2	74.4
32.5°	3365.3	3335.3	3205.9	3046.6	2882.9	2626.9	2601.4	2163.4	1536.6	591.2	84.4
35°	3721.7	3700.6	3519.6	3325.3	3179.9	2951.1	2943.4	2478.7	1812.0	753.9	95.5
37.5°	4035.3	3997.0	3764.4	3562.9	3415.2	3210.4	3193.7	2767.4	2077.3	942.6	112.1
40°	4302.9	4281.8	3998.1	3733.3	3613.4	3430.2	3409.1	3020.5	2351.6	1161.9	132.7
42.5°	4589.4	4561.6	4286.3	3989.3	3768.3	3572.3	3558.5	3229.3	2595.8	1402.8	163.2
45°	4913.0	4861.4	4619.9	4353.4	4017.6	3719.5	3703.9	3415.2	2846.2	1661.5	200.4
47.5°	5258.9	5213.9	5018.5	4831.4	4445.0	3962.1	3928.7	3573.5	3094.9	1960.2	247.6
50°	5610.8	5611.9	5465.4	5375.4	4967.4	4356.2	4309.0	3806.1	3356.4	2280.0	317.5
52.5°	6020.5	6031.1	6028.8	5962.2	5645.8	5000.7	4937.4	4159.1	3660.1	2653.0	414.1
55°	6192.1	6210.9	6333.6	6481.3	6395.2	5817.9	5750.2	4768.1	4062.5	3068.8	557.4
57.5°	6051.6	6072.7	6242.0	6500.7	6698.3	6533.5	6525.7	5560.9	4592.7	3572.9	791.6
59°	5884.5	5881.7	6055.5	6329.7	6596.2	6703.3	6714.4	6097.1	5054.6	3926.5	993.7
60°	5773.5	5775.7	5891.2	6172.6	6455.8	6641.7	6685.0	6413.0	5324.4	4180.8	1166.9
62.5°	5344.9	5370.4	5462.0	5723.5	5992.2	6199.8	6273.7	6694.5	6096.6	4781.4	1769.2
65°	4879.1	4880.8	5011.3	5235.0	5492.6	5638.6	5685.2	6256.5	6612.3	5393.2	2559.2
67.5°	4048.1	4082.0	4230.2	4592.7	4933.0	5117.9	5153.4	5445.9	6398.6	5791.8	2955.0
70°	2832.9	2877.3	3088.8	3559.0	4065.9	4369.5	4367.3	4527.2	5631.4	5614.2	2505.4
72.5°	1414.5	1491.1	1663.8	2167.3	2781.3	3258.1	3358.6	3641.7	4523.9	4663.2	1869.2
75°	625.1	629.5	727.8	981.5	1382.3	1988.0	2077.9	2890.6	3470.8	3240.9	1350.1
77.5°	363.6	366.9	384.7	440.8	560.1	974.3	1075.3	1895.8	2452.6	1883.6	880.5
80°	132.1	135.5	134.9	167.1	245.4	383.6	427.5	918.8	1636.0	992.0	461.3
82.5°	81.1	81.1	78.3	78.8	89.4	147.1	161.0	391.4	796.6	488.5	132.1
85°	40.0	42.2	45.0	50.5	60.0	72.7	77.2	112.1	268.1	118.2	31.6
87.5°	23.9	24.4	26.6	32.2	40.0	52.2	55.5	76.1	96.0	79.4	7.8
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
2.5°	52.7	52.2	49.4	47.2	45.0	42.7	41.1	39.4	39.4	40.0	39.4
5°	52.7	50.5	46.1	42.2	38.9	36.1	33.3	31.1	30.5	30.5	31.1
7.5°	52.2	49.4	43.3	38.3	33.9	30.0	27.2	24.4	23.9	24.4	23.9
10°	51.6	48.3	41.1	35.0	28.9	25.0	21.1	18.3	18.3	18.3	18.9
12.5°	51.6	46.6	38.9	31.6	25.0	20.5	16.7	13.9	13.3	13.3	13.3
15°	51.1	45.5	36.6	27.8	21.1	15.5	12.2	9.4	9.4	9.4	9.4
17.5°	50.0	43.9	33.9	24.4	16.7	11.7	8.3	5.6	5.6	6.7	6.7
20°	48.9	42.2	30.5	20.0	13.9	8.9	5.6	3.3	3.3	5.0	5.6
22.5°	49.4	42.2	28.3	17.8	11.1	6.7	4.4	2.8	2.2	3.9	5.0
25°	50.0	41.1	25.5	15.5	8.3	5.0	3.3	1.1	0.6	1.1	1.7
27.5°	50.0	40.0	22.2	12.2	6.1	3.9	1.7	0.0	0.0	0.0	0.0
30°	49.4	38.3	19.4	10.0	4.4	2.2	0.6	0.0	0.0	0.0	0.0
32.5°	48.9	36.6	17.8	7.8	3.9	1.1	0.0	0.0	0.0	0.0	0.0
35°	49.4	34.4	15.5	6.1	2.2	0.0	0.0	0.0	0.0	0.0	1.1
37.5°	51.1	32.2	13.3	5.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	53.3	30.5	11.1	3.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	57.7	30.5	10.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	63.3	30.5	8.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	70.5	31.1	7.2	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	79.4	32.2	6.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	86.0	31.1	6.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	97.7	30.0	5.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	113.2	28.3	5.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	128.8	26.1	5.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	146.6	25.0	5.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	242.0	22.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	467.4	21.1	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	755.5	21.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	794.4	21.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	528.5	17.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	283.1	15.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	152.7	14.4	2.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	67.2	10.5	2.8	1.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	26.6	7.2	3.3	2.8	2.2	1.1	0.0	0.0	0.0	0.0	0.0
85°	12.8	5.6	4.4	3.9	2.8	1.7	0.0	0.0	0.0	0.0	0.0
87.5°	6.1	5.6	5.0	4.4	3.9	2.8	0.6	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

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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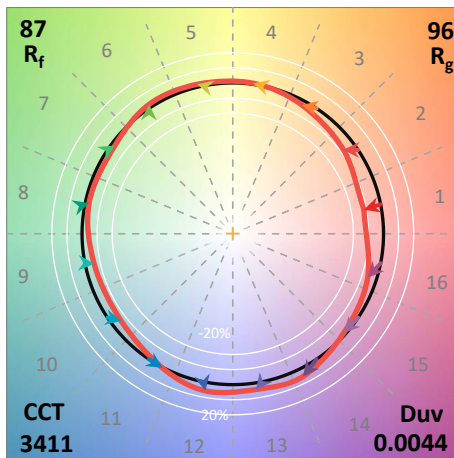
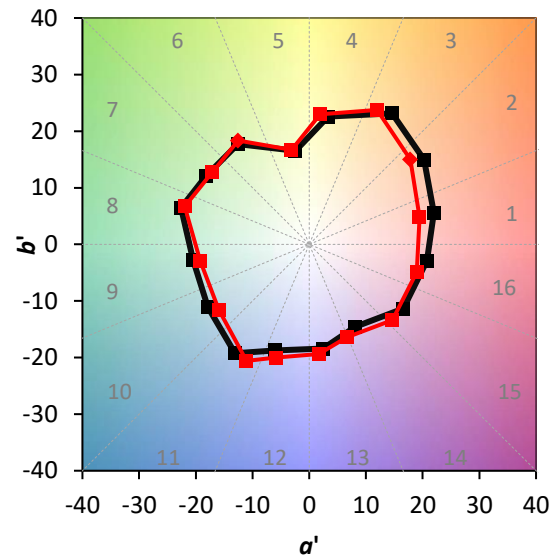
TM-30-18

Summary

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



Color Vector Graphics



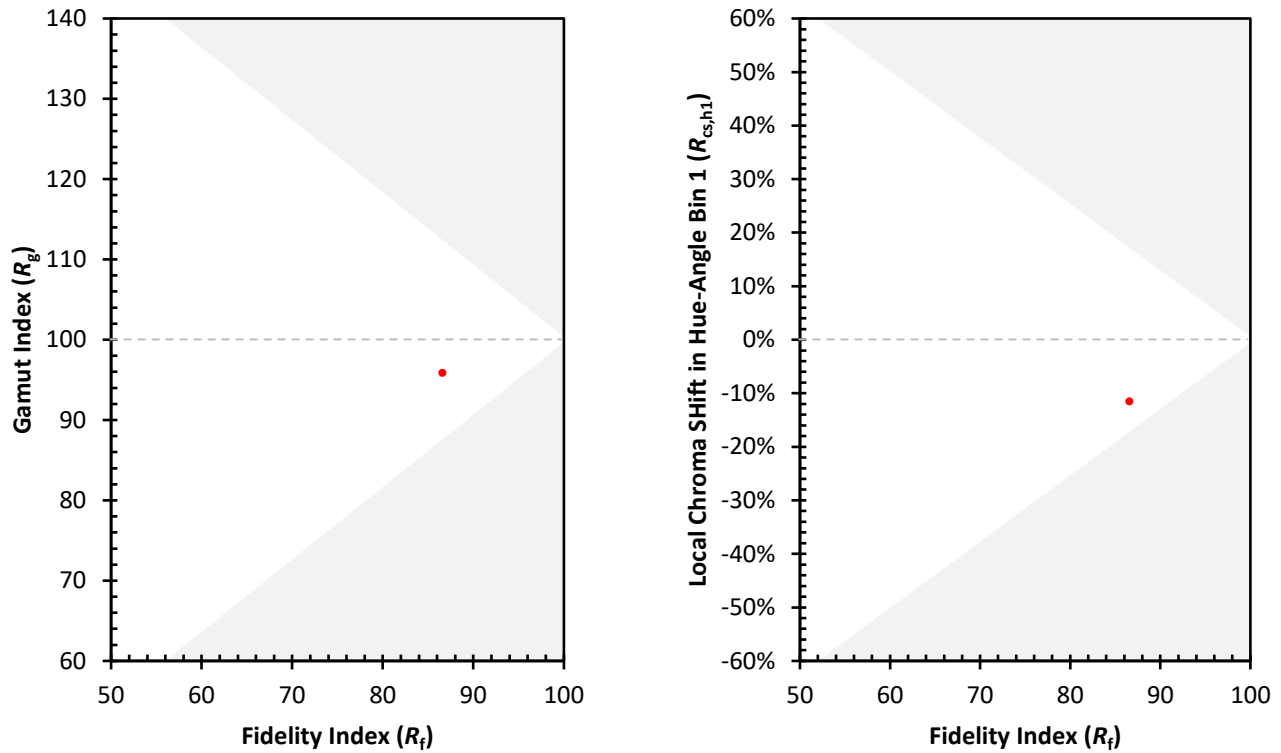
Individual Sample Fidelity Index ($R_{f,i}$)

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)