

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: P1067128

Luminaire Tested: **NAV-SA1D-835-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067128
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1D-835-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 1xLight Square PACKAGE
80CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5824.2 lumens
Efficiency: N/A
Efficacy: 103.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 56.5
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

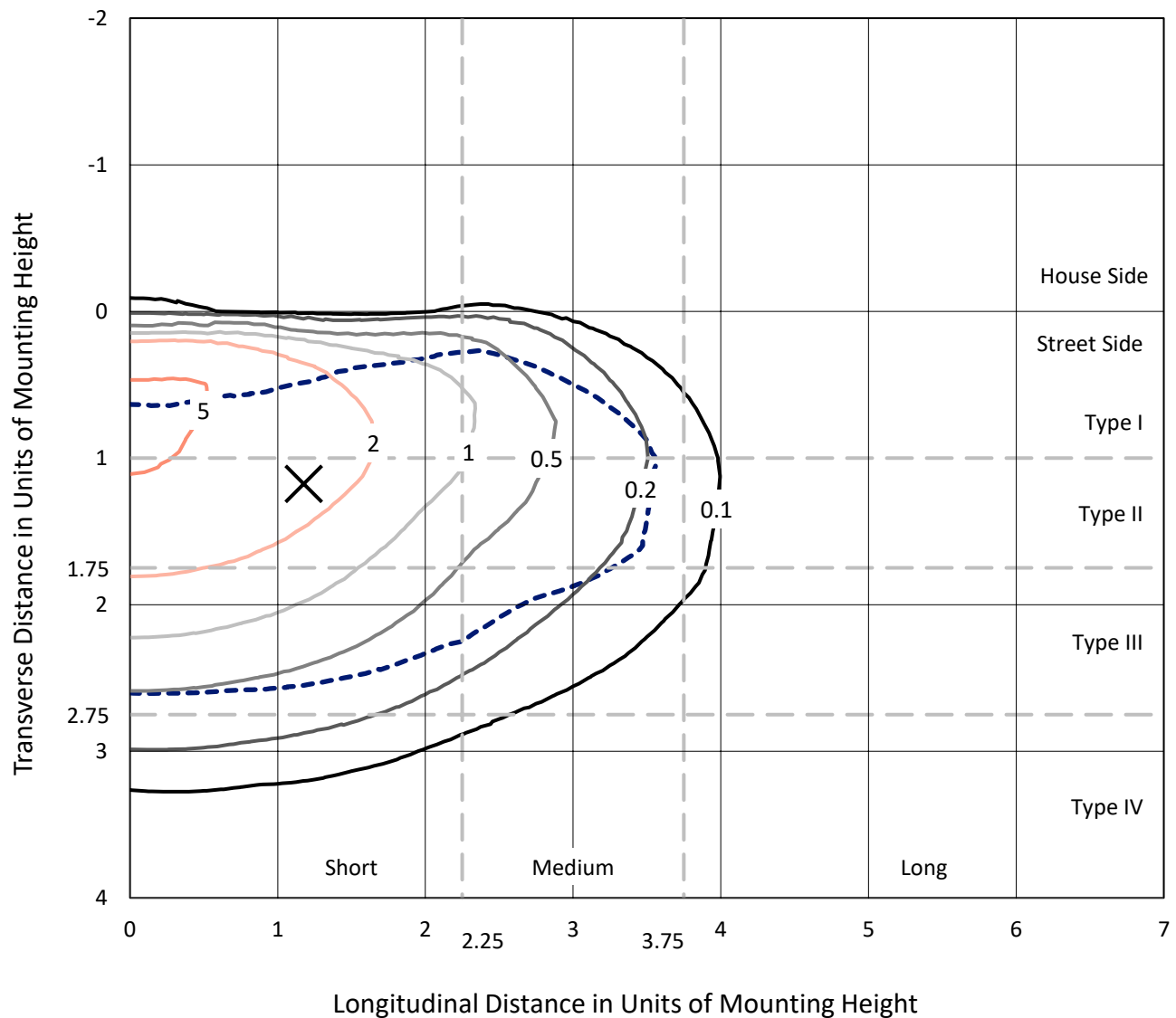


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

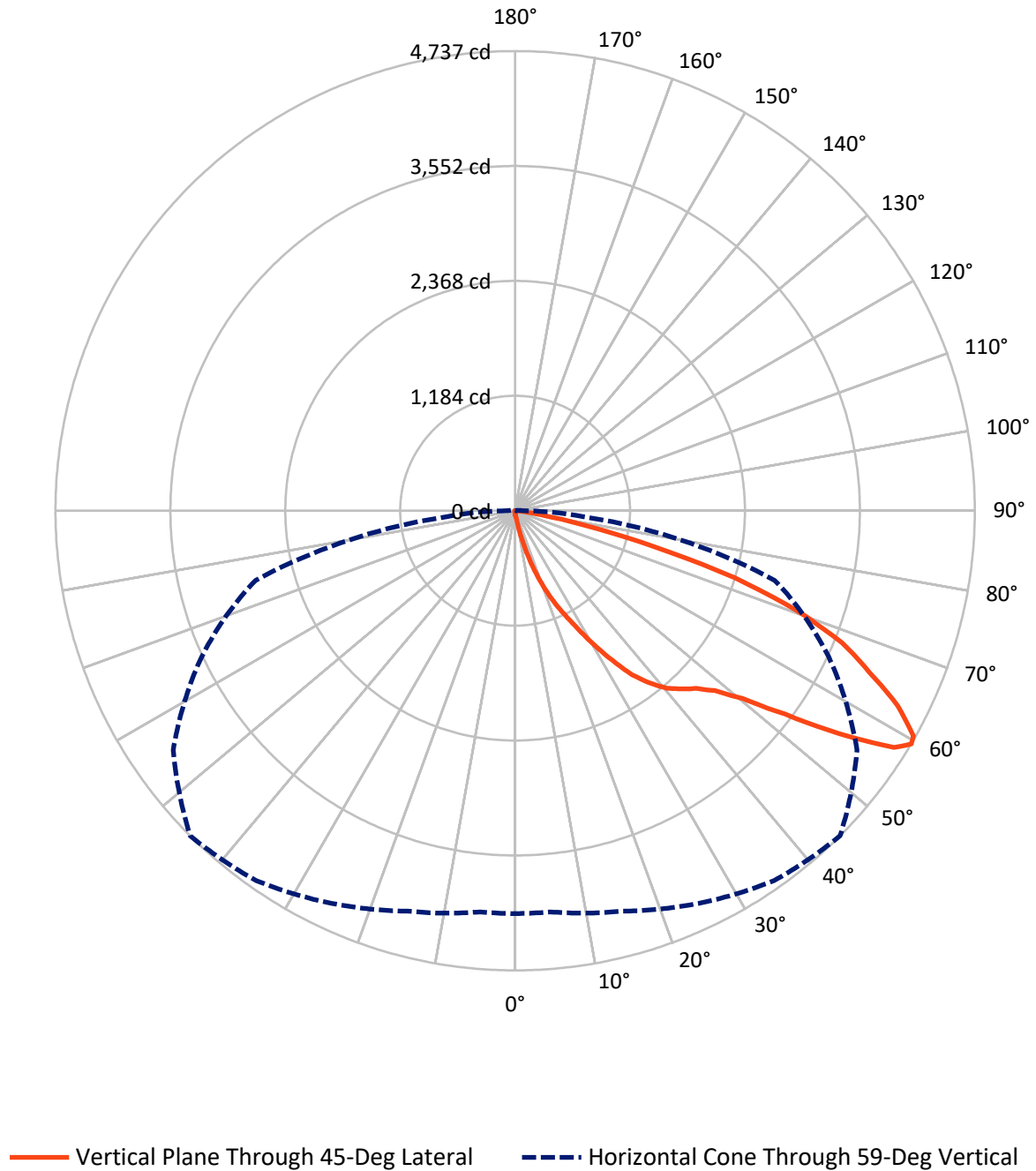


Based on 15 foot mounting height. Maximum calculated value = 6.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	20.7	0.0	20.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5803.5	0.0	5803.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	5824.2	0.0	5824.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.4	0.1
10°-20°	64.4	1.1
20°-30°	231.3	4.0
30°-40°	537.5	9.2
40°-50°	916.1	15.7
50°-60°	1509.5	25.9
60°-70°	1745.3	30.0
70°-80°	749.9	12.9
80°-90°	64.8	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°	5824.2	100.0
0°-180°	5824.2	100.0



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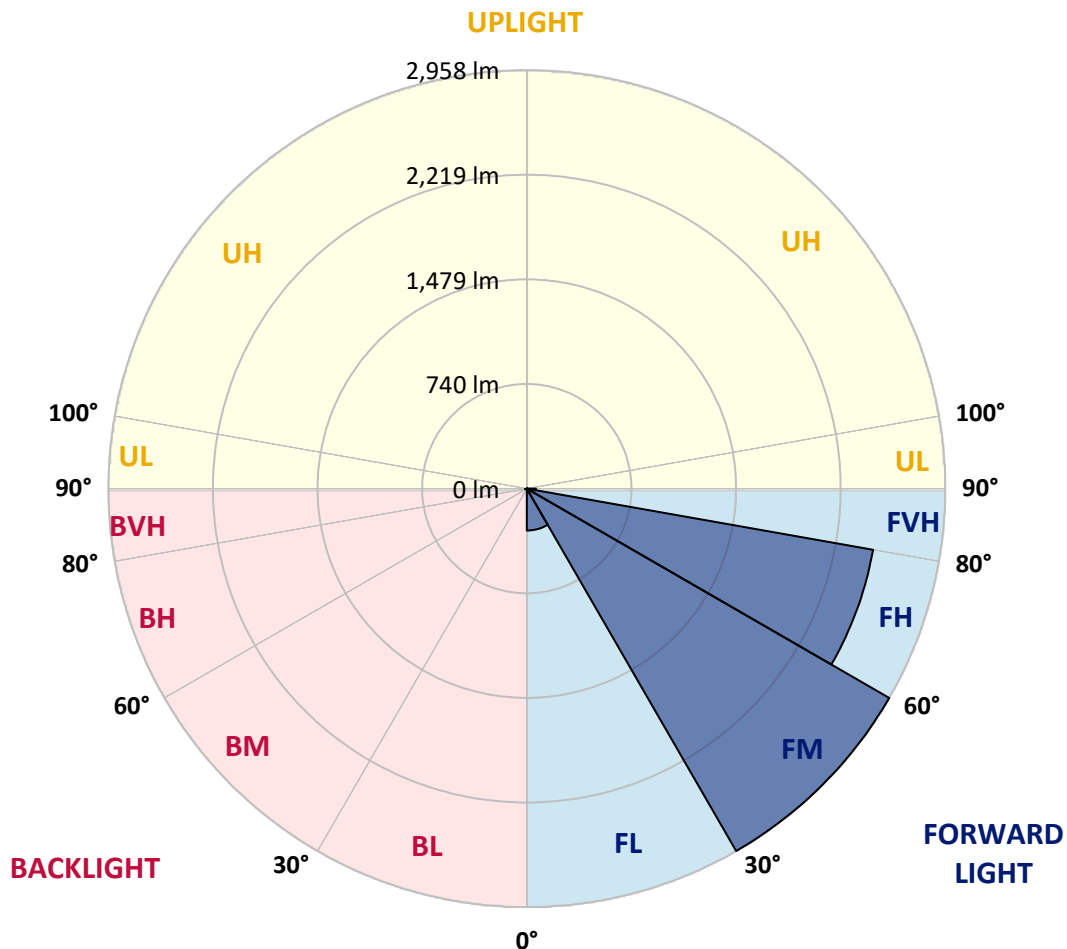
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	296.0	5.1			
FM	(30°-60°)	2958.1	50.8			
FH	(60°-80°)	2485.4	42.7			G2/5000
FVH	(80°-90°)	64.0	1.1			G1/100
BL	(0°-30°)	5.1	0.1	B0/110		
BM	(30°-60°)	5.0	0.1	B0/220		
BH	(60°-80°)	9.7	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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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CATALOG NUMBER: NAV-SA1D-835-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.5°	47.8	47.8	46.6	45.0	44.6	43.5	43.5	42.3	40.7	39.6	38.0
5°	69.3	68.9	65.8	61.9	56.8	53.7	53.7	49.3	45.4	41.9	38.8
7.5°	151.6	148.0	136.7	117.9	93.2	76.8	75.6	61.5	52.1	45.0	39.2
10°	347.8	335.6	319.6	274.5	202.9	141.8	139.0	89.7	62.3	48.6	39.9
12.5°	569.8	579.6	547.5	476.6	392.8	292.1	272.6	151.2	82.2	53.3	40.7
15°	771.9	769.5	751.5	693.6	596.8	462.9	450.8	262.8	117.9	60.7	41.5
17.5°	923.0	920.3	903.1	865.9	791.5	657.5	647.0	419.0	184.8	71.3	42.3
20°	1082.4	1078.9	1054.6	1024.9	959.9	845.9	833.4	593.7	289.4	88.5	42.3
22.5°	1273.5	1266.9	1241.0	1190.5	1122.0	1022.9	1011.6	772.3	419.0	116.7	44.3
25°	1504.6	1493.2	1457.6	1412.2	1329.5	1198.0	1185.8	971.2	575.3	159.4	46.2
27.5°	1768.2	1770.1	1721.9	1645.2	1534.4	1400.0	1377.3	1149.4	737.0	220.5	48.6
30°	2081.1	2061.5	1993.7	1904.4	1796.7	1625.6	1603.7	1326.8	918.7	310.6	52.5
32.5°	2374.0	2352.8	2261.6	2149.2	2033.7	1853.1	1835.1	1526.1	1084.0	417.1	59.5
35°	2625.4	2610.5	2482.9	2345.8	2243.2	2081.8	2076.4	1748.6	1278.2	531.8	67.4
37.5°	2846.7	2819.7	2655.6	2513.4	2409.2	2264.7	2253.0	1952.2	1465.4	665.0	79.1
40°	3035.4	3020.6	2820.4	2633.6	2549.0	2419.8	2404.9	2130.8	1658.9	819.7	93.6
42.5°	3237.5	3217.9	3023.7	2814.2	2658.3	2520.1	2510.3	2278.0	1831.2	989.6	115.1
45°	3465.8	3429.4	3259.1	3071.1	2834.1	2623.8	2612.9	2409.2	2007.8	1172.1	141.4
47.5°	3709.8	3678.1	3540.2	3408.3	3135.7	2795.0	2771.5	2520.9	2183.3	1382.8	174.7
50°	3958.1	3958.9	3855.5	3792.0	3504.2	3073.0	3039.7	2684.9	2367.7	1608.4	224.0
52.5°	4247.1	4254.5	4253.0	4206.0	3982.8	3527.7	3483.1	2934.0	2581.9	1871.5	292.1
55°	4368.1	4381.4	4468.0	4572.2	4511.5	4104.2	4056.4	3363.6	2865.9	2164.9	393.2
57.5°	4269.0	4283.9	4403.4	4585.9	4725.3	4609.0	4603.5	3922.8	3239.9	2520.5	558.4
59°	4151.2	4149.2	4271.8	4465.2	4653.2	4728.8	4736.6	4301.2	3565.7	2769.9	701.0
60°	4072.8	4074.4	4155.9	4354.4	4554.1	4685.3	4715.9	4524.0	3756.0	2949.3	823.2
62.5°	3770.5	3788.5	3853.1	4037.6	4227.1	4373.6	4425.7	4722.5	4300.8	3373.0	1248.1
65°	3441.9	3443.1	3535.1	3693.0	3874.7	3977.7	4010.6	4413.5	4664.6	3804.6	1805.4
67.5°	2855.7	2879.6	2984.1	3239.9	3479.9	3610.3	3635.4	3841.8	4513.8	4085.8	2084.6
70°	1998.4	2029.8	2179.0	2510.7	2868.2	3082.4	3080.9	3193.7	3972.6	3960.4	1767.4
72.5°	997.8	1051.9	1173.7	1528.9	1962.0	2298.4	2369.3	2569.0	3191.3	3289.6	1318.6
75°	441.0	444.1	513.4	692.4	975.1	1402.4	1465.8	2039.2	2448.4	2286.3	952.4
77.5°	256.5	258.9	271.4	310.9	395.1	687.3	758.6	1337.4	1730.2	1328.8	621.1
80°	93.2	95.6	95.2	117.9	173.1	270.6	301.5	648.1	1154.1	699.8	325.4
82.5°	57.2	57.2	55.2	55.6	63.1	103.8	113.6	276.1	562.0	344.6	93.2
85°	28.2	29.8	31.7	35.6	42.3	51.3	54.4	79.1	189.2	83.4	22.3
87.5°	16.8	17.2	18.8	22.7	28.2	36.8	39.2	53.7	67.8	56.0	5.5
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°	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.5°	37.2	36.8	34.9	33.3	31.7	30.2	29.0	27.8	27.8	28.2	27.8
5°	37.2	35.6	32.5	29.8	27.4	25.5	23.5	21.9	21.5	21.5	21.9
7.5°	36.8	34.9	30.5	27.0	23.9	21.1	19.2	17.2	16.8	17.2	16.8
10°	36.4	34.1	29.0	24.7	20.4	17.6	14.9	12.9	12.9	12.9	13.3
12.5°	36.4	32.9	27.4	22.3	17.6	14.5	11.7	9.8	9.4	9.4	9.4
15°	36.0	32.1	25.8	19.6	14.9	11.0	8.6	6.7	6.7	6.7	6.7
17.5°	35.2	30.9	23.9	17.2	11.7	8.2	5.9	3.9	3.9	4.7	4.7
20°	34.5	29.8	21.5	14.1	9.8	6.3	3.9	2.3	2.3	3.5	3.9
22.5°	34.9	29.8	20.0	12.5	7.8	4.7	3.1	2.0	1.6	2.7	3.5
25°	35.2	29.0	18.0	11.0	5.9	3.5	2.3	0.8	0.4	0.8	1.2
27.5°	35.2	28.2	15.7	8.6	4.3	2.7	1.2	0.0	0.0	0.0	0.0
30°	34.9	27.0	13.7	7.0	3.1	1.6	0.4	0.0	0.0	0.0	0.0
32.5°	34.5	25.8	12.5	5.5	2.7	0.8	0.0	0.0	0.0	0.0	0.0
35°	34.9	24.3	11.0	4.3	1.6	0.0	0.0	0.0	0.0	0.0	0.8
37.5°	36.0	22.7	9.4	3.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
40°	37.6	21.5	7.8	2.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	40.7	21.5	7.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	44.6	21.5	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	49.7	21.9	5.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	56.0	22.7	4.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	60.7	21.9	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	68.9	21.1	3.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	79.9	20.0	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	90.9	18.4	3.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	103.4	17.6	3.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	170.7	15.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	329.7	14.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	533.0	14.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	560.4	14.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	372.8	12.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	199.7	11.0	1.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	107.7	10.2	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	47.4	7.4	2.0	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.8	5.1	2.3	2.0	1.6	0.8	0.0	0.0	0.0	0.0	0.0
85°	9.0	3.9	3.1	2.7	2.0	1.2	0.0	0.0	0.0	0.0	0.0
87.5°	4.3	3.9	3.5	3.1	2.7	2.0	0.4	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 $\text{W}^\wedge/\text{nm}$	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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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 ($R_{f,i}$)

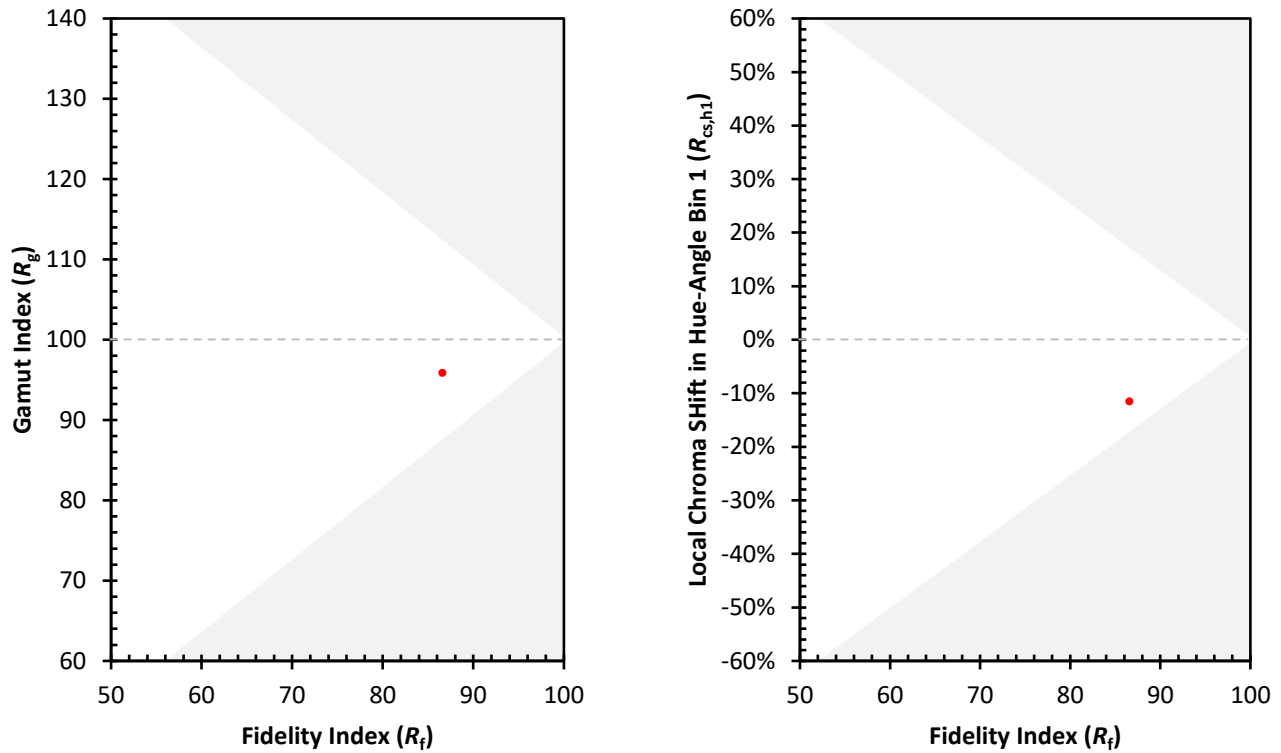
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)