

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: P1067094

Luminaire Tested: **NAV-SA5B-827-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067094
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA5B-827-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17042.5 lumens
Efficiency: N/A
Efficacy: 95.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

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

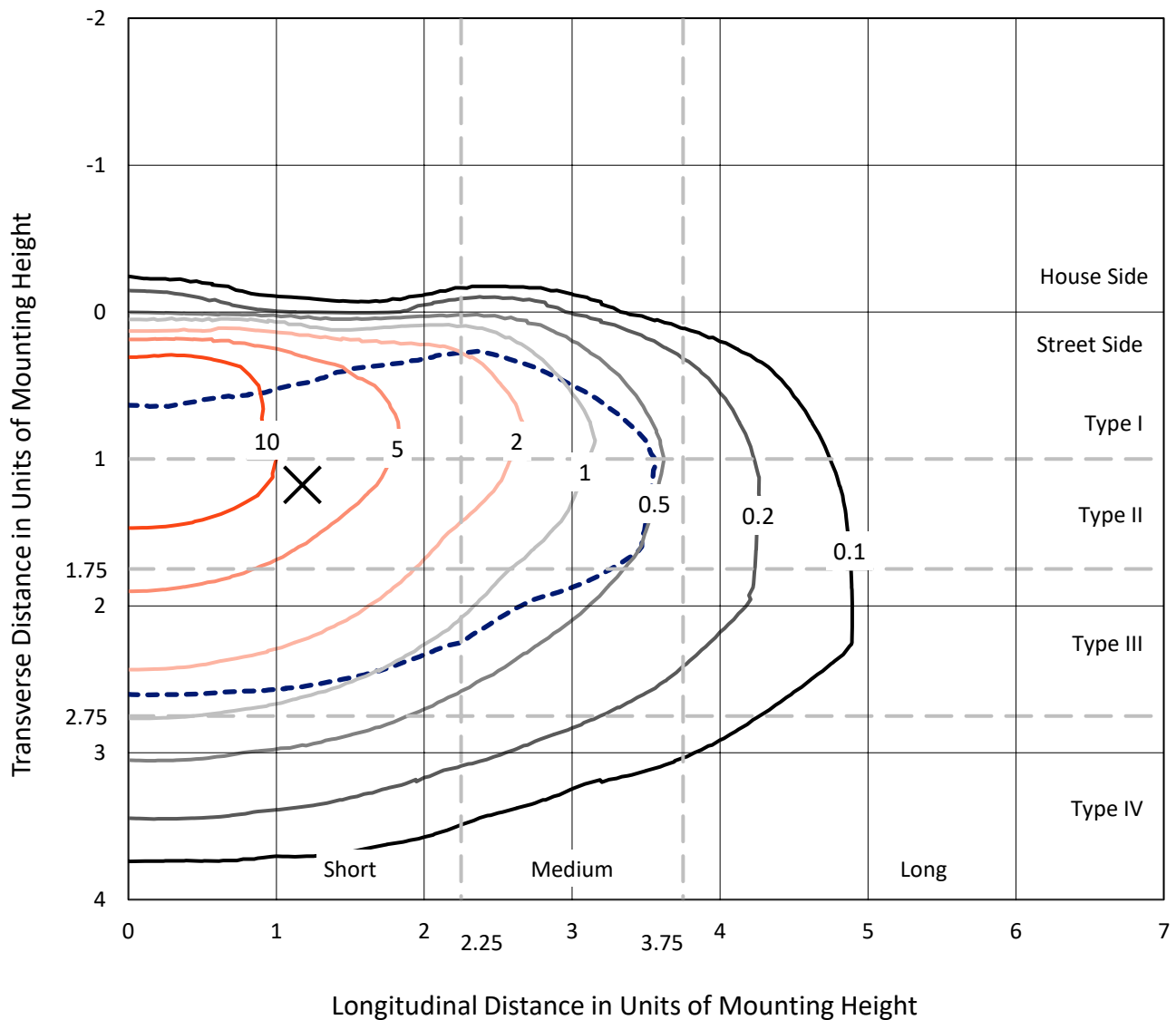


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

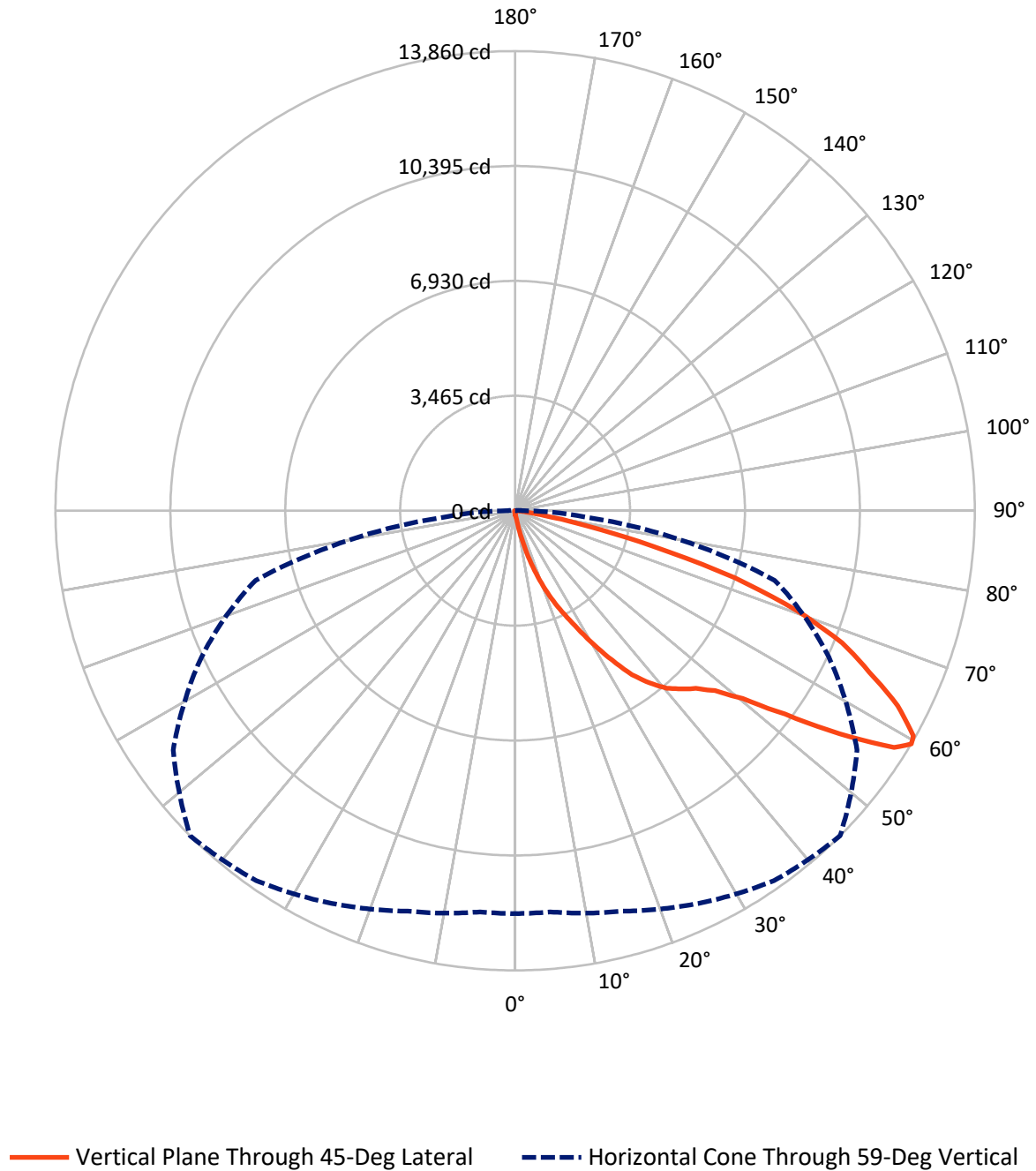


Based on 15 foot mounting height. Maximum calculated value = 18.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	60.5	0.0	60.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16982.0	0.0	16982.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	17042.5	0.0	17042.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	0.1
10°-20°	188.4	1.1
20°-30°	676.8	4.0
30°-40°	1572.8	9.2
40°-50°	2680.7	15.7
50°-60°	4417.1	25.9
60°-70°	5107.1	30.0
70°-80°	2194.2	12.9
80°-90°	189.6	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°	17042.5	100.0
0°-180°	17042.5	100.0



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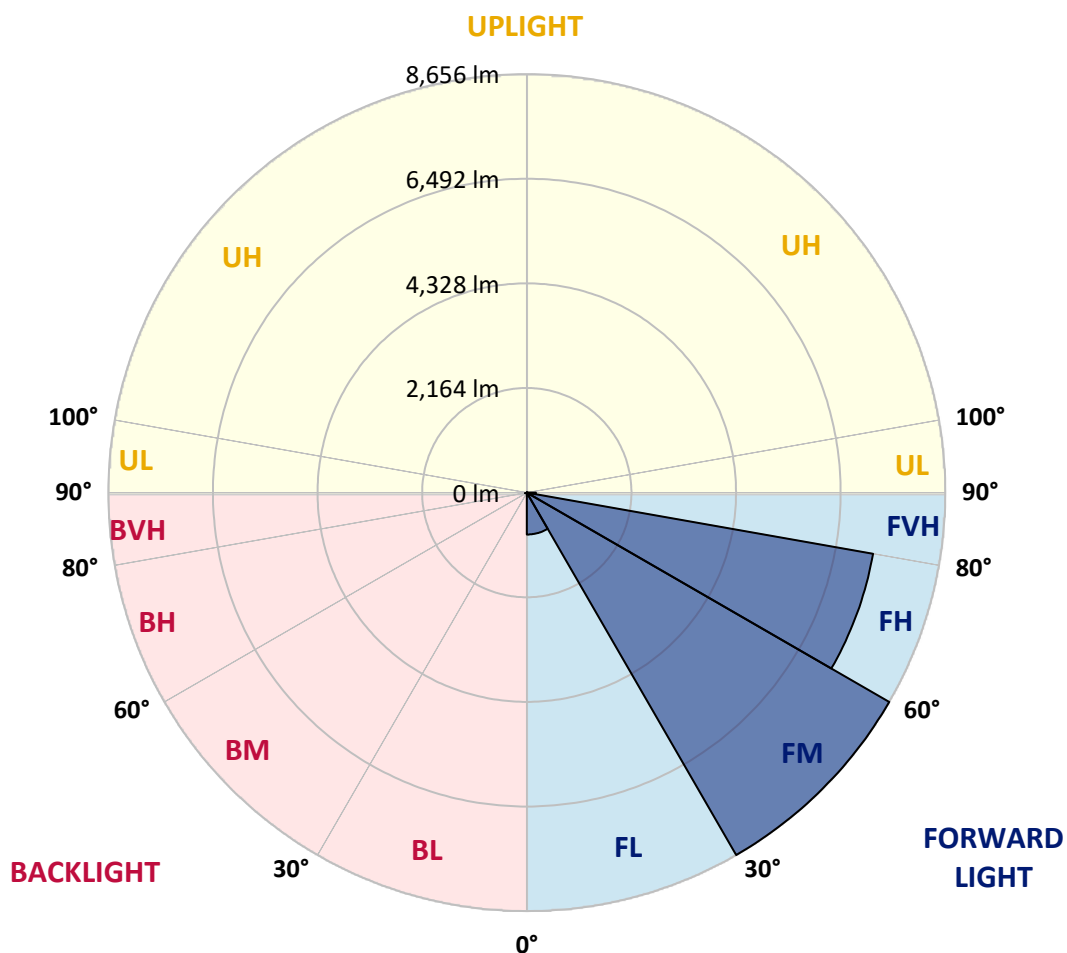
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	866.1	5.1			
FM	(30°-60°)	8655.9	50.8			
FH	(60°-80°)	7272.8	42.7			G3/7500
FVH	(80°-90°)	187.1	1.1			G2/225
BL	(0°-30°)	14.9	0.1	B0/110		
BM	(30°-60°)	14.6	0.1	B0/220		
BH	(60°-80°)	28.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	139.8	139.8	136.4	131.8	130.6	127.2	127.2	123.8	119.2	115.7	111.2
5°	202.8	201.7	192.5	181.1	166.2	157.0	157.0	144.4	132.9	122.6	113.4
7.5°	443.5	433.2	399.9	344.9	272.7	224.6	221.2	179.9	152.4	131.8	114.6
10°	1017.6	982.1	935.1	803.3	593.6	414.8	406.8	262.4	182.2	142.1	116.9
12.5°	1667.3	1696.0	1602.0	1394.6	1149.4	854.9	797.6	442.3	240.6	155.8	119.2
15°	2258.7	2251.8	2199.1	2029.5	1746.4	1354.5	1319.0	768.9	344.9	177.6	121.5
17.5°	2701.0	2693.0	2642.5	2533.7	2315.9	1924.0	1893.1	1226.2	540.9	208.6	123.8
20°	3167.4	3157.1	3086.0	2998.9	2808.7	2475.2	2438.6	1737.2	846.9	259.0	123.8
22.5°	3726.6	3707.1	3631.5	3483.7	3283.1	2993.2	2960.0	2259.8	1226.2	341.5	129.5
25°	4402.7	4369.5	4265.2	4132.3	3890.5	3505.4	3469.9	2841.9	1683.4	466.4	135.2
27.5°	5173.9	5179.7	5038.7	4814.1	4489.8	4096.7	4030.3	3363.3	2156.7	645.2	142.1
30°	6089.5	6032.2	5834.0	5572.7	5257.6	4756.8	4692.6	3882.5	2688.4	908.7	153.6
32.5°	6946.7	6884.8	6617.8	6288.9	5950.9	5422.6	5369.9	4465.7	3172.0	1220.4	174.2
35°	7682.4	7638.8	7265.3	6864.2	6564.0	6091.8	6075.8	5116.6	3740.4	1556.2	197.1
37.5°	8329.9	8250.8	7770.6	7354.7	7049.8	6627.0	6592.6	5712.5	4288.1	1945.8	231.5
40°	8882.2	8838.6	8253.1	7706.5	7458.9	7080.8	7037.2	6235.1	4854.2	2398.5	273.9
42.5°	9473.5	9416.2	8847.8	8234.7	7778.7	7374.1	7345.5	6665.9	5358.4	2895.8	336.9
45°	10141.6	10035.0	9536.5	8986.5	8293.2	7677.8	7645.7	7049.8	5875.2	3429.8	413.7
47.5°	10855.5	10762.7	10359.3	9973.1	9175.6	8178.6	8109.8	7376.4	6388.6	4046.3	511.1
50°	11582.0	11584.3	11281.8	11096.2	10253.9	8992.2	8894.8	7856.6	6928.4	4706.4	655.5
52.5°	12427.7	12449.5	12444.9	12307.4	11654.2	10322.6	10192.0	8585.4	7555.2	5476.5	854.9
55°	12781.8	12820.8	13074.0	13378.9	13201.2	12009.5	11869.7	9842.5	8386.0	6334.8	1150.5
57.5°	12491.9	12535.5	12885.0	13419.0	13826.9	13486.6	13470.5	11478.9	9480.4	7375.3	1634.1
59°	12147.0	12141.3	12499.9	13066.0	13616.1	13837.2	13860.2	12585.9	10433.8	8105.2	2051.2
60°	11917.8	11922.4	12160.7	12741.7	13326.2	13710.0	13799.4	13237.9	10990.7	8630.1	2408.8
62.5°	11033.1	11085.8	11274.9	11814.7	12369.3	12797.9	12950.3	13818.9	12584.7	9870.0	3652.1
65°	10071.7	10075.1	10344.4	10806.2	11337.9	11639.3	11735.6	12914.8	13649.3	11132.8	5282.8
67.5°	8356.2	8426.1	8732.1	9480.4	10182.8	10564.4	10637.8	11241.7	13208.1	11955.6	6099.8
70°	5847.7	5939.4	6376.0	7346.6	8392.9	9019.7	9015.1	9345.2	11624.4	11588.9	5171.6
72.5°	2919.9	3078.0	3434.4	4473.8	5741.2	6725.5	6932.9	7517.4	9338.3	9625.9	3858.4
75°	1290.3	1299.5	1502.3	2026.0	2853.4	4103.6	4289.3	5966.9	7164.4	6690.0	2786.9
77.5°	750.6	757.5	794.1	909.9	1156.3	2011.1	2219.7	3913.4	5062.8	3888.2	1817.5
80°	272.7	279.6	278.5	344.9	506.5	791.8	882.4	1896.5	3377.1	2047.8	952.3
82.5°	167.3	167.3	161.6	162.7	184.5	303.7	332.3	807.9	1644.4	1008.4	272.7
85°	82.5	87.1	92.8	104.3	123.8	150.1	159.3	231.5	553.5	244.1	65.3
87.5°	49.3	50.4	55.0	66.5	82.5	107.7	114.6	157.0	198.2	163.9	16.0
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°	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7	107.7
2.5°	108.9	107.7	102.0	97.4	92.8	88.2	84.8	81.4	81.4	82.5	81.4
5°	108.9	104.3	95.1	87.1	80.2	74.5	68.8	64.2	63.0	63.0	64.2
7.5°	107.7	102.0	89.4	79.1	69.9	61.9	56.2	50.4	49.3	50.4	49.3
10°	106.6	99.7	84.8	72.2	59.6	51.6	43.5	37.8	37.8	37.8	39.0
12.5°	106.6	96.3	80.2	65.3	51.6	42.4	34.4	28.6	27.5	27.5	27.5
15°	105.4	94.0	75.6	57.3	43.5	32.1	25.2	19.5	19.5	19.5	19.5
17.5°	103.1	90.5	69.9	50.4	34.4	24.1	17.2	11.5	11.5	13.8	13.8
20°	100.8	87.1	63.0	41.3	28.6	18.3	11.5	6.9	6.9	10.3	11.5
22.5°	102.0	87.1	58.4	36.7	22.9	13.8	9.2	5.7	4.6	8.0	10.3
25°	103.1	84.8	52.7	32.1	17.2	10.3	6.9	2.3	1.1	2.3	3.4
27.5°	103.1	82.5	45.8	25.2	12.6	8.0	3.4	0.0	0.0	0.0	0.0
30°	102.0	79.1	40.1	20.6	9.2	4.6	1.1	0.0	0.0	0.0	0.0
32.5°	100.8	75.6	36.7	16.0	8.0	2.3	0.0	0.0	0.0	0.0	0.0
35°	102.0	71.0	32.1	12.6	4.6	0.0	0.0	0.0	0.0	0.0	2.3
37.5°	105.4	66.5	27.5	10.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0
40°	110.0	63.0	22.9	8.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	119.2	63.0	20.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	130.6	63.0	17.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	145.5	64.2	14.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	163.9	66.5	13.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	177.6	64.2	12.6	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	201.7	61.9	11.5	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	233.8	58.4	11.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	265.9	53.9	11.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	302.5	51.6	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	499.6	45.8	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	964.9	43.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1559.6	43.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1639.8	43.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1090.9	35.5	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	584.4	32.1	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	315.1	29.8	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	138.7	21.8	5.7	3.4	2.3	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	55.0	14.9	6.9	5.7	4.6	2.3	0.0	0.0	0.0	0.0	0.0
85°	26.4	11.5	9.2	8.0	5.7	3.4	0.0	0.0	0.0	0.0	0.0
87.5°	12.6	11.5	10.3	9.2	8.0	5.7	1.1	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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



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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)