

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: P1067319

Luminaire Tested: **NAV-SA1C-827-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067319
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-827-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4157.8 lumens
Efficiency: N/A
Efficacy: 83.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 50.1
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

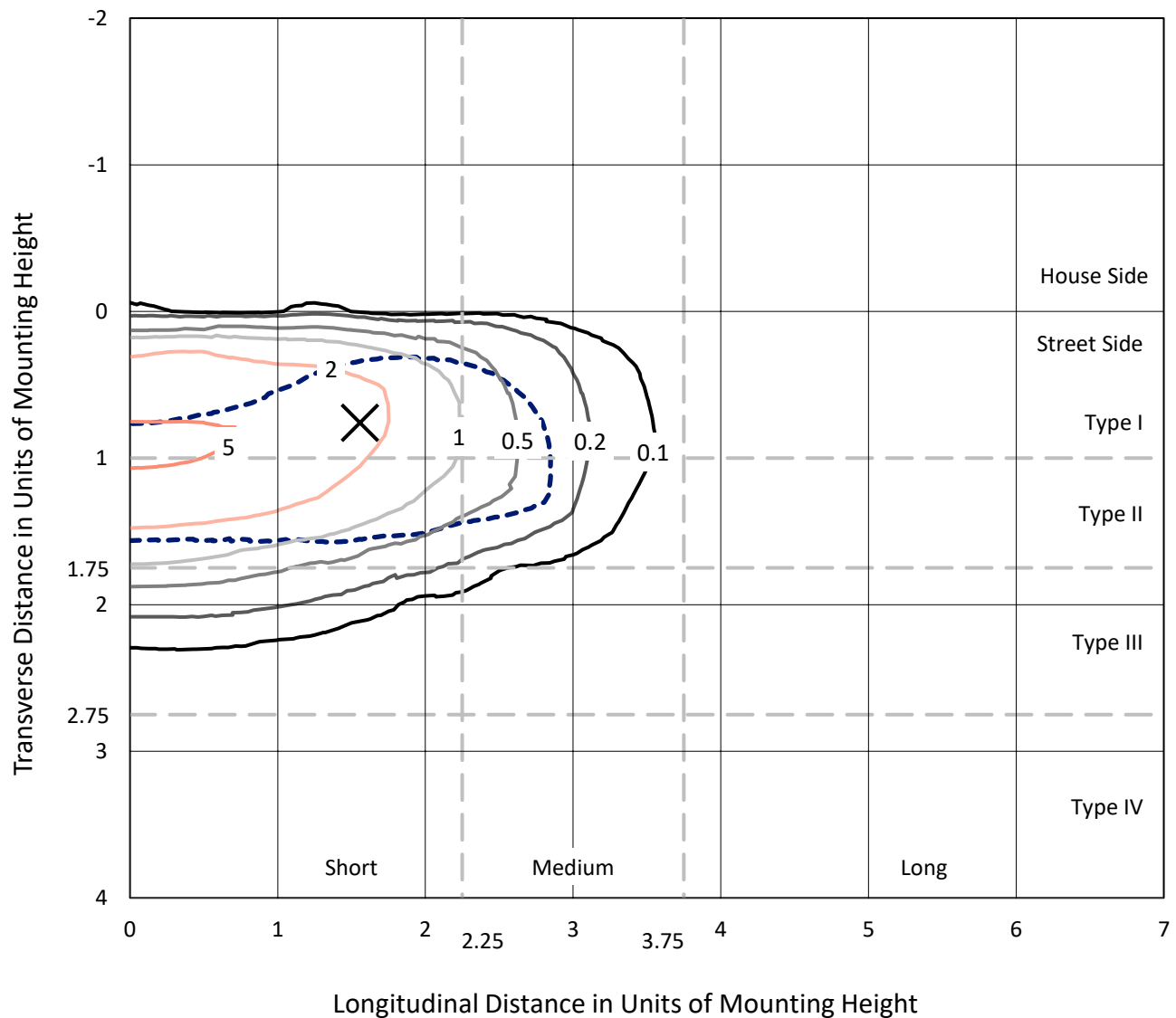


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

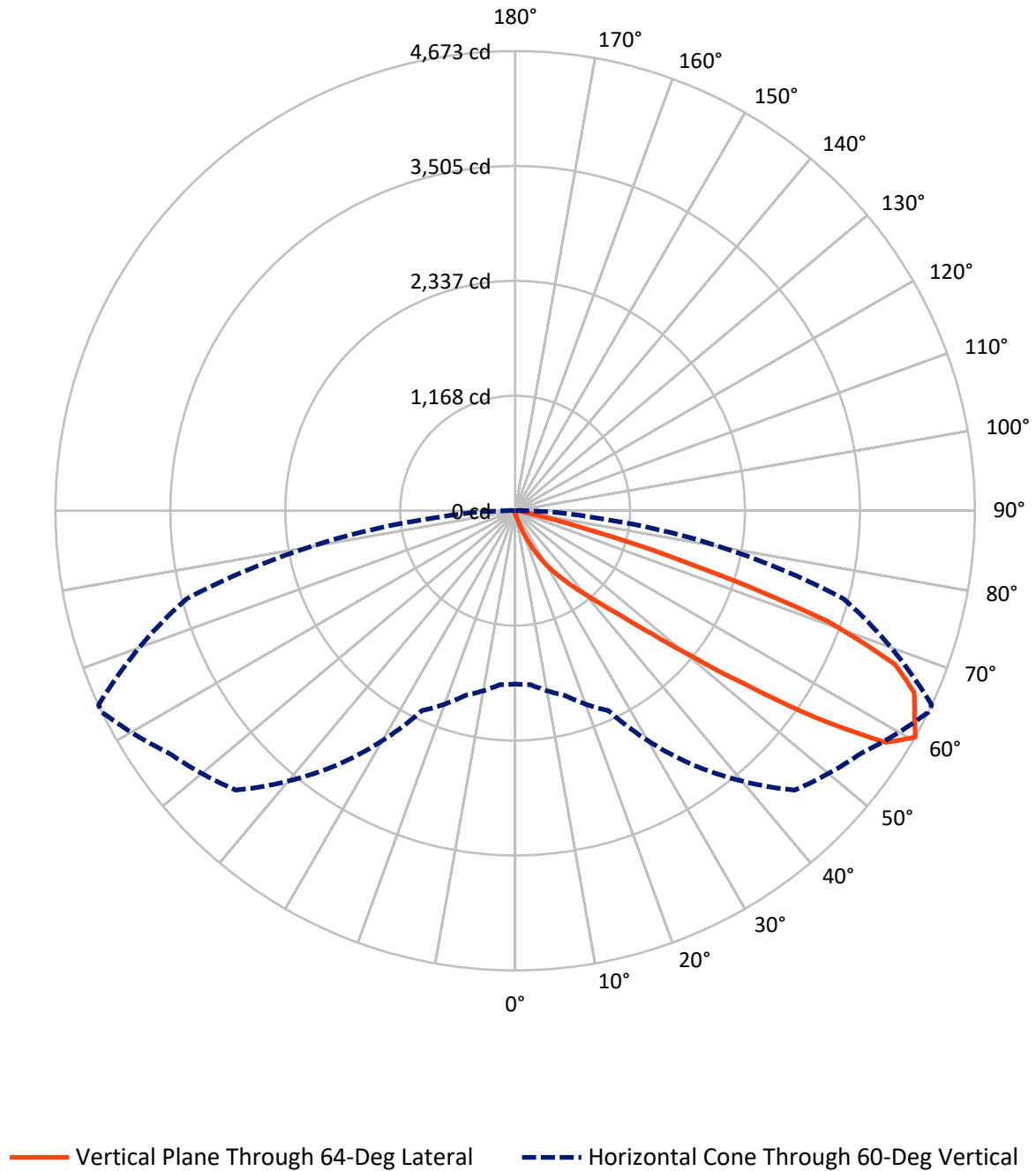


Based on 15 foot mounting height. Maximum calculated value = 6 fc
Type II - Short - N/A

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Luminous Intensity Polar Plot



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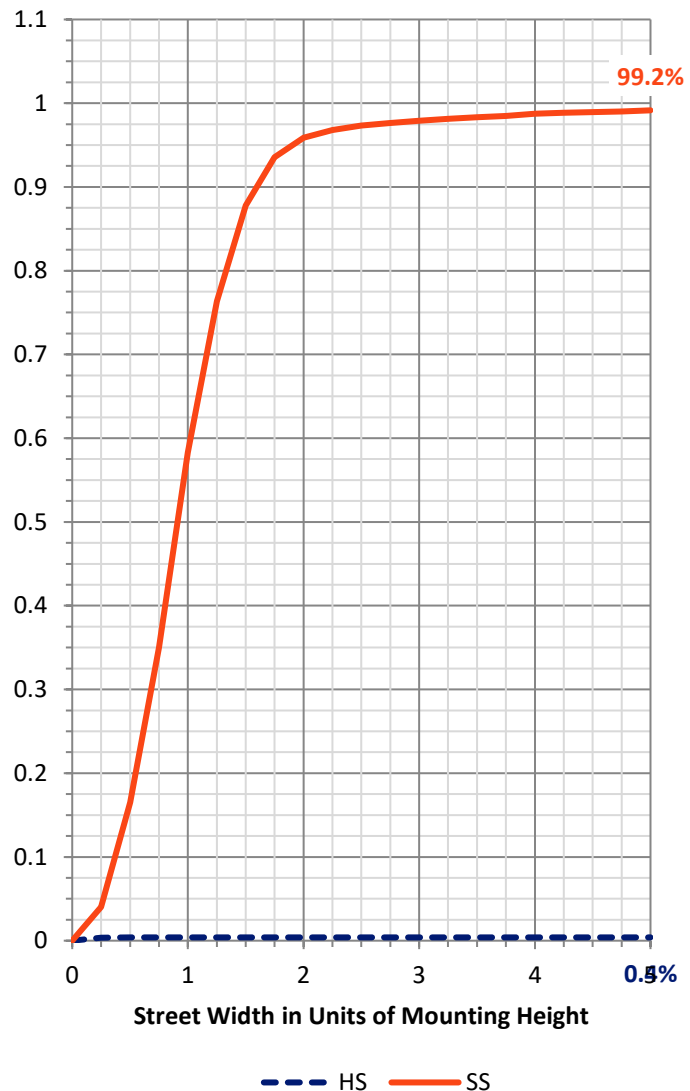
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.8	0.0	16.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4140.9	0.0	4140.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	4157.8	0.0	4157.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.1
10°-20°	40.9	1.0
20°-30°	135.7	3.3
30°-40°	362.1	8.7
40°-50°	920.3	22.1
50°-60°	1341.7	32.3
60°-70°	1036.3	24.9
70°-80°	284.6	6.8
80°-90°	32.1	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°	4157.8	100.0
0°-180°	4157.8	100.0



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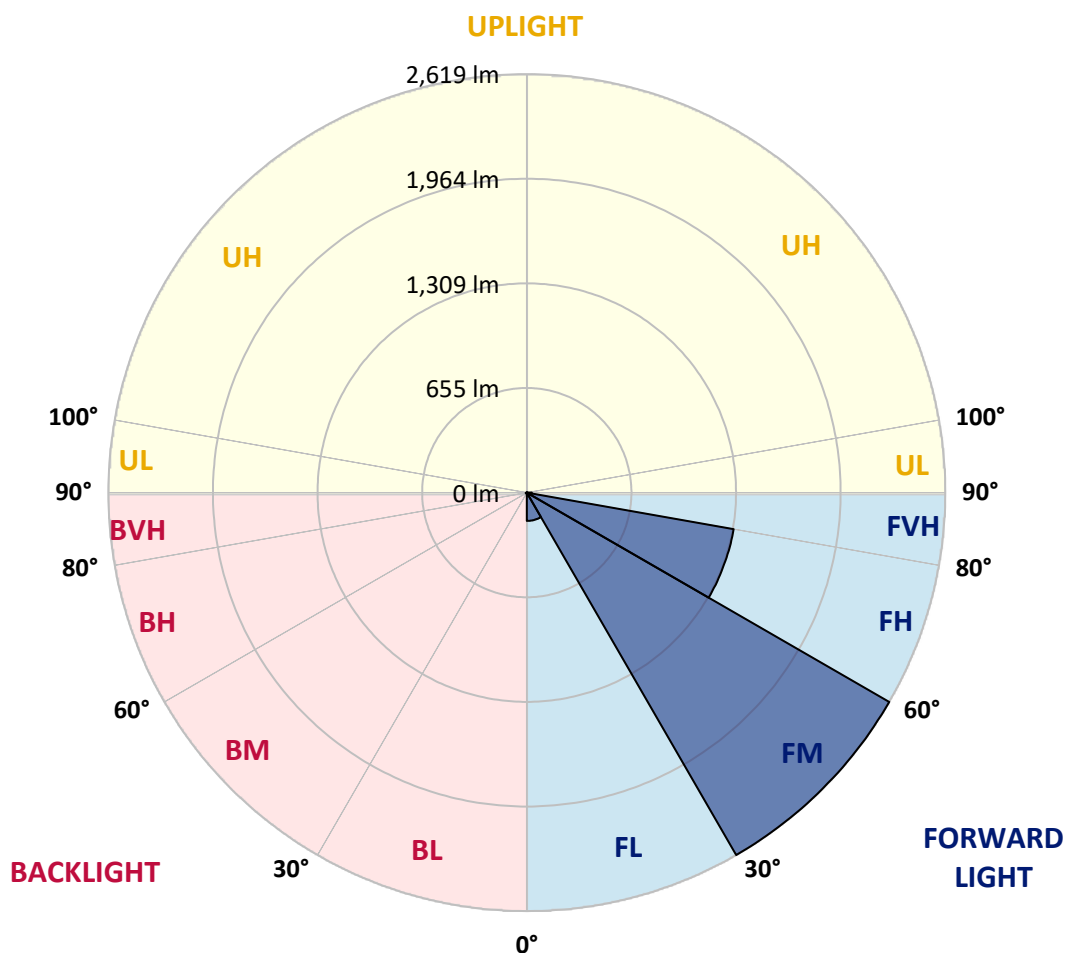
CATALOG NUMBER: NAV-SA1C-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	176.9	4.3			
FM	(30°-60°)	2618.5	63.0			
FH	(60°-80°)	1314.2	31.6			G1/1800
FVH	(80°-90°)	31.4	0.8			G1/100
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	5.6	0.1	B0/220		
BH	(60°-80°)	6.7	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-G1

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
2.5°	36.6	36.6	36.6	35.5	34.3	34.3	33.2	32.0	32.0	29.8	28.6
5°	56.1	56.1	53.8	51.5	48.1	43.5	38.9	35.5	35.5	32.0	29.8
7.5°	109.9	113.3	103.0	90.4	73.2	61.8	49.2	41.2	40.1	34.3	29.8
10°	238.1	235.8	219.7	188.8	148.8	107.6	68.7	50.4	48.1	36.6	29.8
12.5°	358.2	361.7	344.5	310.2	262.1	191.1	117.9	65.2	62.9	40.1	29.8
15°	461.2	461.2	449.8	432.6	380.0	305.6	190.0	97.3	89.3	43.5	28.6
17.5°	532.2	531.0	526.5	521.9	491.0	414.3	290.7	155.7	137.3	51.5	28.6
20°	612.3	608.9	614.6	605.4	581.4	520.7	397.1	231.2	214.0	65.2	28.6
22.5°	695.9	699.3	703.9	694.7	668.4	615.7	509.3	328.5	310.2	90.4	29.8
25°	802.3	800.0	810.3	802.3	769.1	707.3	614.6	434.9	408.6	125.9	32.0
27.5°	932.8	928.2	935.0	914.4	871.0	808.0	708.4	543.6	512.7	180.8	36.6
30°	1105.6	1109.0	1078.1	1054.1	992.3	908.7	812.6	660.4	628.3	246.1	41.2
32.5°	1378.0	1353.9	1305.9	1208.6	1127.3	1020.9	916.7	762.2	733.6	329.6	48.1
35°	1802.6	1807.2	1701.9	1461.5	1285.3	1161.7	1031.2	874.4	853.8	424.6	57.2
37.5°	2319.9	2307.3	2214.6	1911.3	1516.5	1336.8	1161.7	996.9	967.1	527.6	68.7
40°	2905.9	2853.2	2799.4	2593.4	1998.3	1556.5	1326.5	1138.8	1115.9	646.6	87.0
42.5°	3375.1	3361.4	3370.5	3284.7	2801.7	1930.8	1545.1	1312.7	1285.3	794.3	119.0
45°	3606.3	3586.8	3641.8	3705.9	3582.3	2727.3	1897.6	1534.8	1498.1	968.2	168.2
47.5°	3544.5	3530.8	3648.6	3774.5	3939.3	3650.9	2473.2	1866.7	1803.7	1191.4	241.5
50°	3240.1	3241.2	3434.6	3669.2	3930.2	4119.0	3325.9	2321.0	2242.1	1487.8	355.9
52.5°	2943.6	2952.8	3157.7	3499.9	3794.0	4174.0	4074.4	2933.3	2805.1	1836.9	491.0
55°	2639.2	2643.8	2824.6	3306.4	3729.9	4010.3	4458.9	3721.9	3585.7	2271.8	622.6
57.5°	2346.2	2346.2	2413.7	2841.8	3660.1	3995.4	4413.2	4442.9	4331.9	2768.5	719.9
60°	1762.5	1774.0	1942.2	2242.1	3156.5	4017.2	4296.4	4673.0	4673.0	3457.5	794.3
62.5°	890.4	907.6	1117.0	1408.9	2165.4	3717.3	4314.7	4557.4	4575.7	4065.2	963.7
65°	417.7	437.2	549.4	755.4	1165.1	2616.3	4124.7	4458.9	4453.2	3949.6	1320.7
67.5°	299.9	305.6	343.3	440.6	627.2	1146.8	3148.5	4164.8	4167.1	3355.6	1518.7
70°	269.0	269.0	278.1	306.7	377.7	512.7	1530.2	3372.8	3536.5	2591.1	1407.7
72.5°	265.5	263.2	260.9	262.1	255.2	257.5	525.3	1904.4	2137.9	1812.9	1122.7
75°	258.7	258.7	256.4	248.4	203.7	166.0	180.8	770.2	890.4	1210.9	833.2
77.5°	204.9	225.5	249.5	234.6	186.6	124.7	105.3	223.2	281.5	742.8	604.3
80°	95.0	96.1	95.0	99.6	119.0	89.3	77.8	108.7	109.9	412.0	374.2
82.5°	68.7	69.8	66.4	59.5	52.6	48.1	64.1	80.1	85.8	188.8	139.6
85°	20.6	19.5	22.9	30.9	36.6	42.3	53.8	67.5	71.0	69.8	20.6
87.5°	9.2	9.2	11.4	16.0	21.7	32.0	46.9	61.8	62.9	72.1	5.7
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°	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
2.5°	28.6	27.5	26.3	25.2	24.0	22.9	21.7	21.7	22.9	22.9	22.9
5°	27.5	26.3	24.0	21.7	20.6	19.5	18.3	18.3	19.5	19.5	19.5
7.5°	27.5	25.2	22.9	20.6	18.3	17.2	16.0	16.0	16.0	17.2	17.2
10°	27.5	25.2	21.7	18.3	16.0	14.9	13.7	12.6	13.7	13.7	13.7
12.5°	26.3	24.0	20.6	17.2	13.7	11.4	10.3	10.3	10.3	10.3	10.3
15°	25.2	22.9	19.5	14.9	11.4	9.2	6.9	6.9	6.9	8.0	8.0
17.5°	24.0	21.7	17.2	11.4	8.0	5.7	4.6	4.6	4.6	5.7	5.7
20°	24.0	20.6	14.9	9.2	5.7	3.4	2.3	2.3	2.3	3.4	4.6
22.5°	24.0	20.6	13.7	6.9	3.4	2.3	1.1	1.1	1.1	1.1	1.1
25°	24.0	19.5	12.6	5.7	2.3	1.1	0.0	0.0	1.1	2.3	3.4
27.5°	24.0	18.3	10.3	3.4	2.3	1.1	0.0	1.1	2.3	2.3	2.3
30°	24.0	18.3	9.2	3.4	1.1	0.0	0.0	1.1	2.3	2.3	3.4
32.5°	25.2	17.2	8.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	26.3	16.0	6.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	28.6	16.0	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	32.0	17.2	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	40.1	18.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	56.1	22.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	82.4	34.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	120.2	46.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	147.6	46.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	146.5	29.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	112.2	20.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	95.0	14.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	114.4	11.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	203.7	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	327.3	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	366.2	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	286.1	9.2	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	156.8	8.0	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	79.0	5.7	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	33.2	4.6	2.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0	0.0
82.5°	11.4	4.6	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0	0.0
85°	5.7	3.4	3.4	2.3	2.3	1.1	1.1	0.0	0.0	0.0	0.0
87.5°	3.4	3.4	3.4	2.3	2.3	1.1	1.1	0.0	0.0	0.0	1.1
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: SP1-2407-184-8

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



Point lies inside the ANSI 2700K 4-step quadrangle

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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)