

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: P1067098

Luminaire Tested: **NAV-SA6B-827-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067098
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA6B-827-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20501.4 lumens
Efficiency: N/A
Efficacy: 97.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 211
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

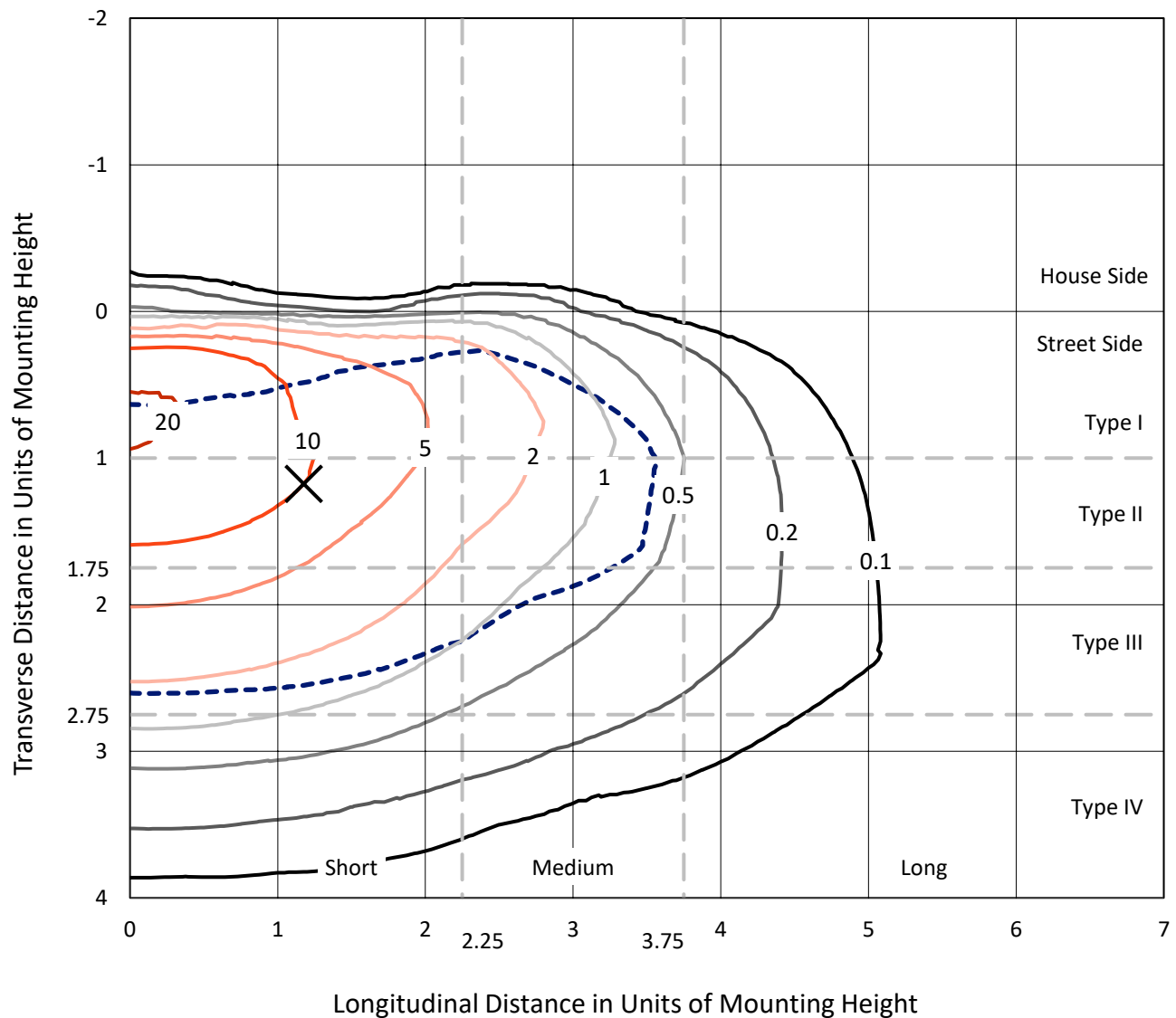


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

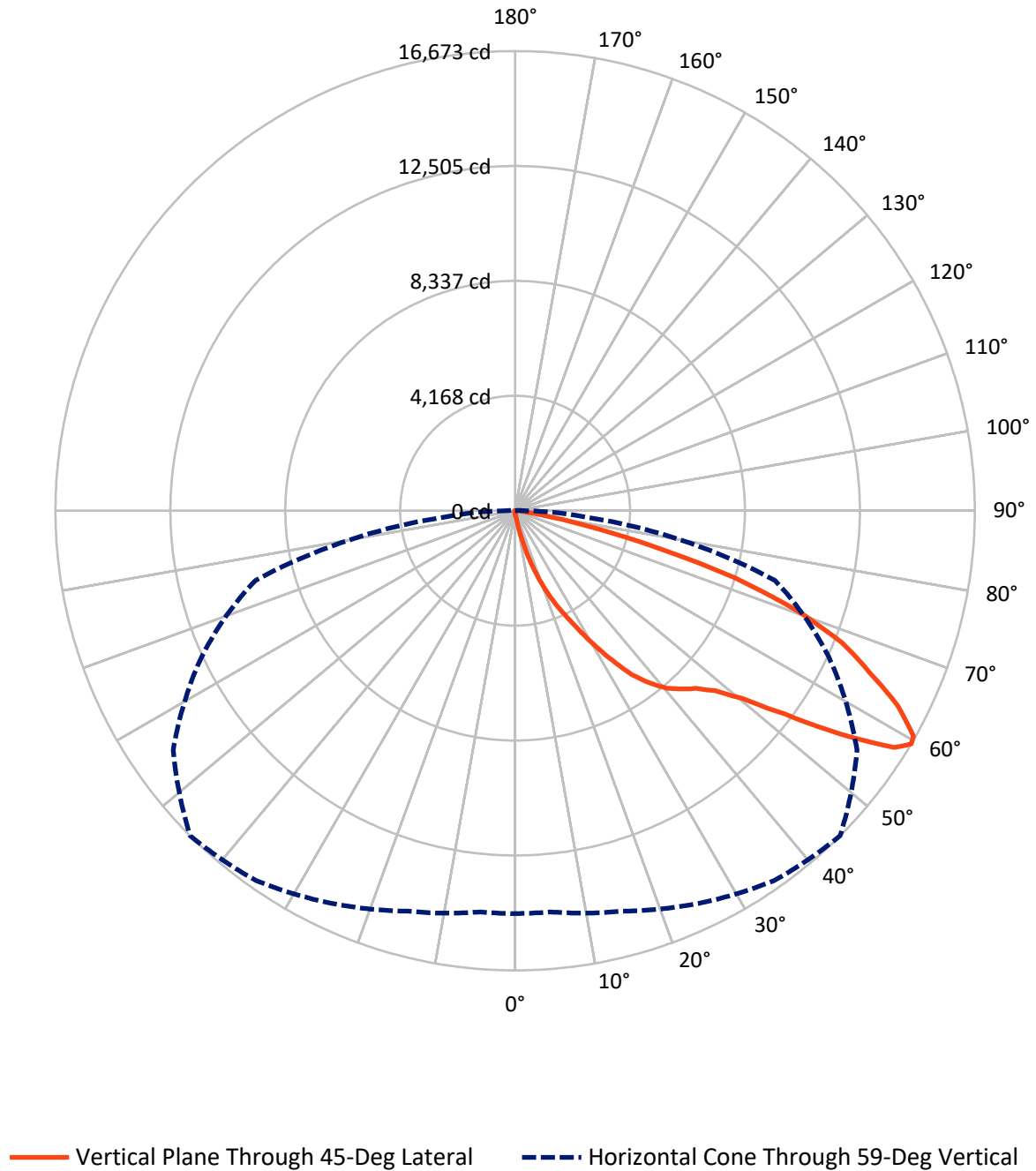


Based on 15 foot mounting height. Maximum calculated value = 22.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	72.8	0.0	72.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	20428.6	0.0	20428.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	20501.4	0.0	20501.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	0.1
10°-20°	226.6	1.1
20°-30°	814.2	4.0
30°-40°	1892.0	9.2
40°-50°	3224.8	15.7
50°-60°	5313.6	25.9
60°-70°	6143.6	30.0
70°-80°	2639.5	12.9
80°-90°	228.1	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°	20501.4	100.0
0°-180°	20501.4	100.0



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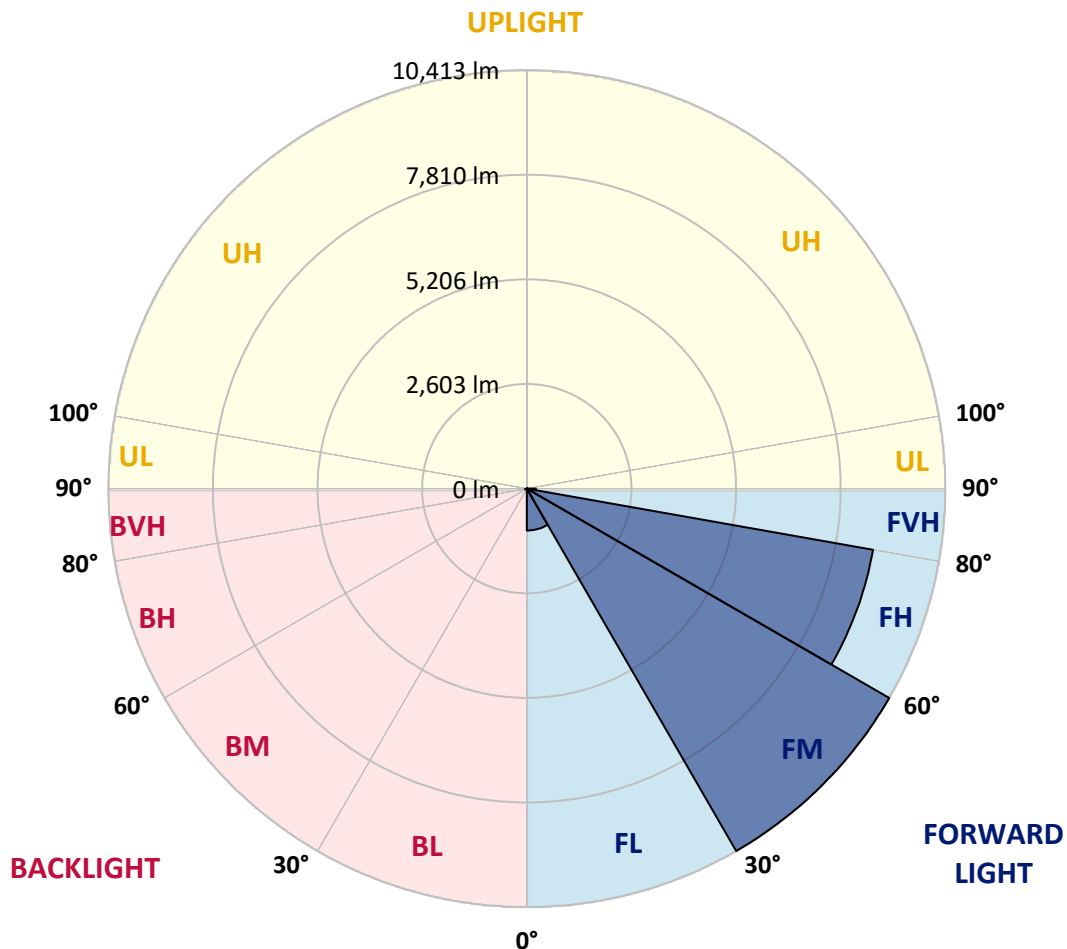
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1041.9	5.1			
FM	(30°-60°)	10412.7	50.8			
FH	(60°-80°)	8748.9	42.7			G4/12000
FVH	(80°-90°)	225.1	1.1			G3/500
BL	(0°-30°)	18.0	0.1	B0/110		
BM	(30°-60°)	17.6	0.1	B0/220		
BH	(60°-80°)	34.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.0	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2.5°	168.2	168.2	164.0	158.5	157.2	153.0	153.0	148.9	143.4	139.2	133.7
5°	244.0	242.6	231.6	217.8	199.9	188.9	188.9	173.7	159.9	147.5	136.5
7.5°	533.5	521.1	481.1	414.9	328.1	270.2	266.1	216.4	183.3	158.5	137.9
10°	1224.1	1181.4	1124.9	966.3	714.1	499.0	489.4	315.7	219.2	170.9	140.6
12.5°	2005.7	2040.2	1927.2	1677.7	1382.7	1028.4	959.5	532.1	289.5	187.5	143.4
15°	2717.1	2708.8	2645.4	2441.4	2100.9	1629.4	1586.7	925.0	414.9	213.7	146.1
17.5°	3249.2	3239.5	3178.9	3047.9	2786.0	2314.5	2277.3	1475.0	650.7	250.9	148.9
20°	3810.2	3797.8	3712.4	3607.6	3378.8	2977.6	2933.5	2089.8	1018.7	311.5	148.9
22.5°	4482.9	4459.5	4368.5	4190.7	3949.5	3600.7	3560.7	2718.4	1475.0	410.8	155.8
25°	5296.3	5256.3	5130.9	4970.9	4680.1	4216.9	4174.2	3418.7	2025.0	561.1	162.7
27.5°	6224.0	6230.9	6061.4	5791.2	5401.0	4928.2	4848.3	4046.0	2594.4	776.1	170.9
30°	7325.5	7256.5	7018.0	6703.7	6324.7	5722.2	5645.0	4670.4	3234.0	1093.2	184.7
32.5°	8356.6	8282.2	7961.0	7565.3	7158.7	6523.2	6459.7	5372.1	3815.7	1468.1	209.5
35°	9241.6	9189.2	8739.8	8257.3	7896.2	7328.2	7308.9	6155.1	4499.5	1872.0	237.1
37.5°	10020.5	9925.3	9347.7	8847.3	8480.7	7972.0	7930.6	6871.9	5158.4	2340.7	278.5
40°	10684.9	10632.5	9928.1	9270.5	8972.8	8517.9	8465.5	7500.5	5839.4	2885.2	329.5
42.5°	11396.2	11327.3	10643.6	9906.0	9357.4	8870.8	8836.3	8018.9	6446.0	3483.5	405.3
45°	12199.9	12071.7	11472.0	10810.4	9976.4	9236.1	9197.5	8480.7	7067.7	4125.9	497.6
47.5°	13058.7	12947.1	12461.8	11997.3	11037.8	9838.5	9755.8	8873.5	7685.3	4867.6	614.8
50°	13932.7	13935.5	13571.5	13348.2	12335.0	10817.2	10700.1	9451.1	8334.5	5661.6	788.5
52.5°	14950.1	14976.2	14970.7	14805.3	14019.6	12417.7	12260.6	10327.9	9088.6	6587.9	1028.4
55°	15376.0	15422.9	15727.5	16094.2	15880.6	14446.9	14278.7	11840.1	10088.0	7620.5	1384.0
57.5°	15027.3	15079.6	15500.1	16142.5	16633.2	16223.8	16204.5	13808.6	11404.5	8872.2	1965.8
59°	14612.3	14605.4	15036.9	15717.9	16379.6	16645.6	16673.2	15140.3	12551.4	9750.3	2467.6
60°	14336.6	14342.1	14628.9	15327.8	16030.8	16492.6	16600.1	15924.7	13221.4	10381.6	2897.6
62.5°	13272.4	13335.8	13563.3	14212.5	14879.7	15395.3	15578.7	16623.6	15138.9	11873.2	4393.3
65°	12115.8	12120.0	12443.9	12999.4	13639.1	14001.6	14117.4	15535.9	16419.6	13392.3	6355.0
67.5°	10052.2	10136.3	10504.3	11404.5	12249.5	12708.6	12796.8	13523.3	15888.8	14382.1	7337.9
70°	7034.6	7144.9	7670.1	8837.7	10096.3	10850.3	10844.8	11241.8	13983.7	13941.0	6221.3
72.5°	3512.5	3702.7	4131.4	5381.7	6906.4	8090.5	8340.0	9043.1	11233.6	11579.6	4641.5
75°	1552.2	1563.2	1807.2	2437.2	3432.5	4936.5	5159.8	7178.0	8618.5	8047.8	3352.6
77.5°	902.9	911.2	955.3	1094.5	1390.9	2419.3	2670.2	4707.6	6090.3	4677.3	2186.3
80°	328.1	336.4	335.0	414.9	609.3	952.6	1061.5	2281.5	4062.5	2463.4	1145.6
82.5°	201.3	201.3	194.4	195.7	221.9	365.3	399.8	971.9	1978.2	1213.1	328.1
85°	99.3	104.8	111.7	125.4	148.9	180.6	191.6	278.5	665.8	293.6	78.6
87.5°	59.3	60.7	66.2	80.0	99.3	129.6	137.9	188.9	238.5	197.1	19.3
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°	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6	129.6
2.5°	131.0	129.6	122.7	117.2	111.7	106.1	102.0	97.9	97.9	99.3	97.9
5°	131.0	125.4	114.4	104.8	96.5	89.6	82.7	77.2	75.8	75.8	77.2
7.5°	129.6	122.7	107.5	95.1	84.1	74.4	67.5	60.7	59.3	60.7	59.3
10°	128.2	119.9	102.0	86.8	71.7	62.0	52.4	45.5	45.5	45.5	46.9
12.5°	128.2	115.8	96.5	78.6	62.0	51.0	41.4	34.5	33.1	33.1	33.1
15°	126.8	113.0	91.0	68.9	52.4	38.6	30.3	23.4	23.4	23.4	23.4
17.5°	124.1	108.9	84.1	60.7	41.4	28.9	20.7	13.8	13.8	16.5	16.5
20°	121.3	104.8	75.8	49.6	34.5	22.1	13.8	8.3	8.3	12.4	13.8
22.5°	122.7	104.8	70.3	44.1	27.6	16.5	11.0	6.9	5.5	9.6	12.4
25°	124.1	102.0	63.4	38.6	20.7	12.4	8.3	2.8	1.4	2.8	4.1
27.5°	124.1	99.3	55.1	30.3	15.2	9.6	4.1	0.0	0.0	0.0	0.0
30°	122.7	95.1	48.2	24.8	11.0	5.5	1.4	0.0	0.0	0.0	0.0
32.5°	121.3	91.0	44.1	19.3	9.6	2.8	0.0	0.0	0.0	0.0	0.0
35°	122.7	85.5	38.6	15.2	5.5	0.0	0.0	0.0	0.0	0.0	2.8
37.5°	126.8	80.0	33.1	12.4	4.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	132.3	75.8	27.6	9.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	143.4	75.8	24.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	157.2	75.8	20.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	175.1	77.2	17.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	197.1	80.0	16.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	213.7	77.2	15.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	242.6	74.4	13.8	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	281.2	70.3	13.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	319.8	64.8	13.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	363.9	62.0	12.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	601.0	55.1	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1160.7	52.4	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1876.2	52.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1972.7	52.4	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1312.4	42.7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	703.0	38.6	4.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	379.1	35.8	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	166.8	26.2	6.9	4.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	66.2	17.9	8.3	6.9	5.5	2.8	0.0	0.0	0.0	0.0	0.0
85°	31.7	13.8	11.0	9.6	6.9	4.1	0.0	0.0	0.0	0.0	0.0
87.5°	15.2	13.8	12.4	11.0	9.6	6.9	1.4	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

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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 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 ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

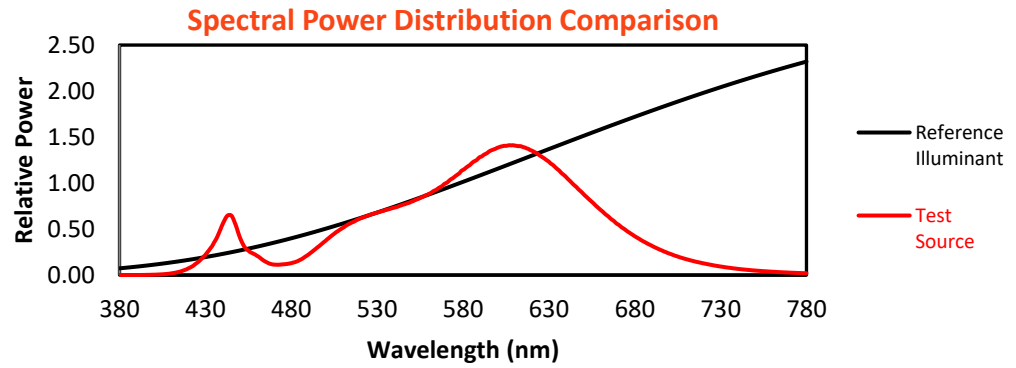
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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)