

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: STREETWORKS

Report Number: P1066125

Luminaire Tested: **NVN-SA3A-827-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066125
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-827-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7763.2 lumens
Efficiency: N/A
Efficacy: 94.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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

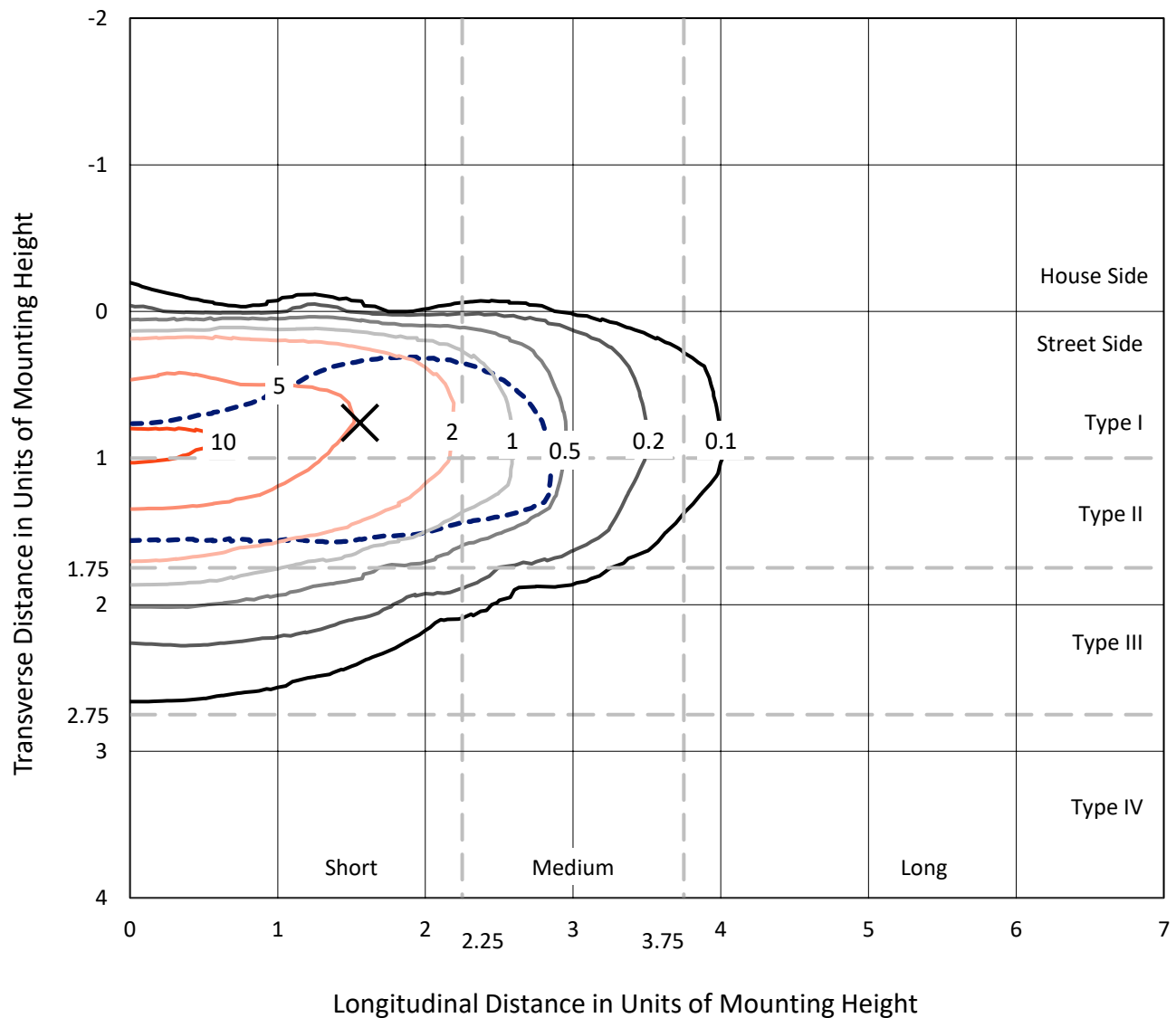


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

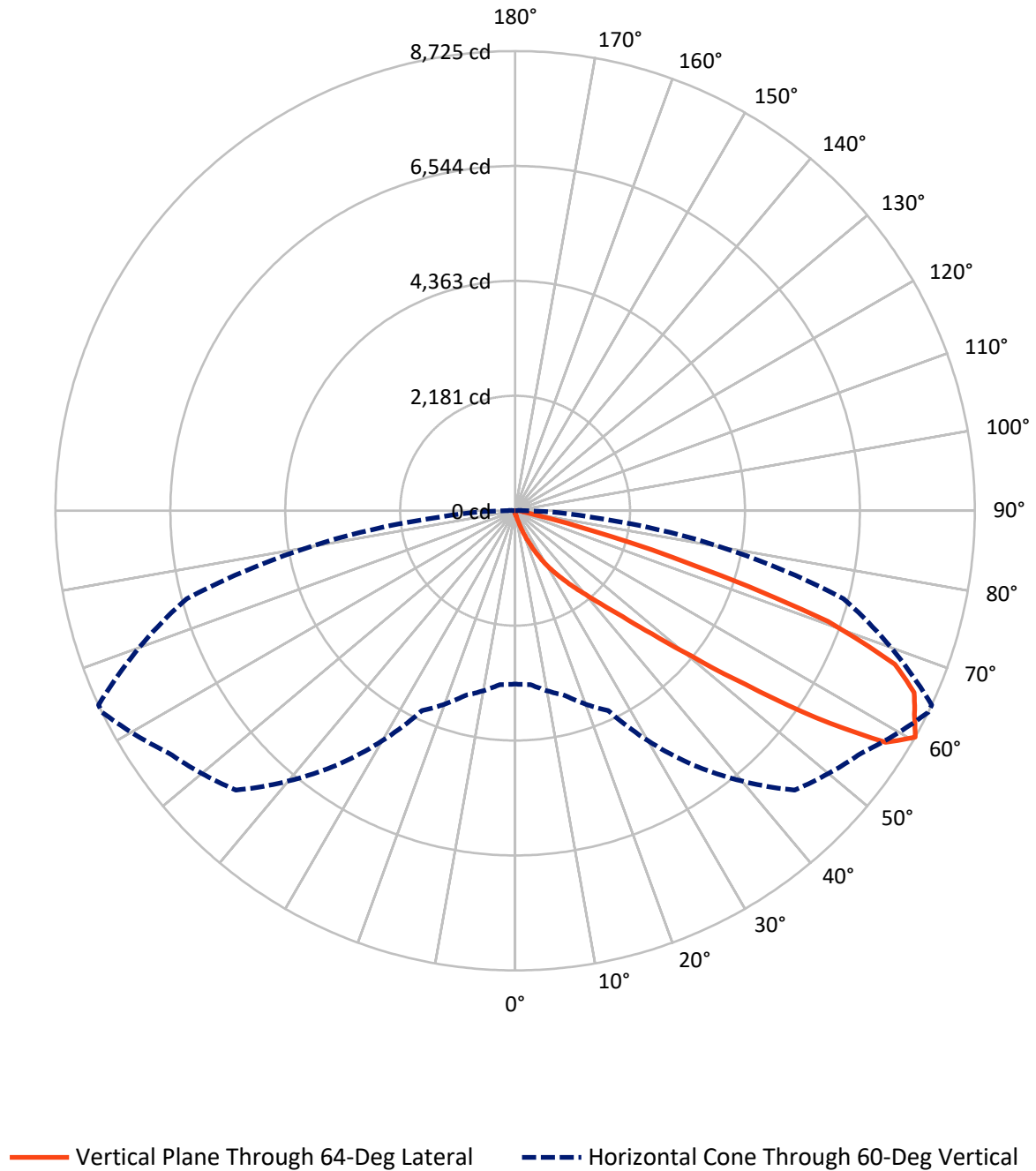


Based on 15 foot mounting height. Maximum calculated value = 11.1 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	31.5	0.0	31.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	7731.7	0.0	7731.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	7763.2	0.0	7763.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.1
10°-20°	76.3	1.0
20°-30°	253.4	3.3
30°-40°	676.1	8.7
40°-50°	1718.4	22.1
50°-60°	2505.1	32.3
60°-70°	1934.9	24.9
70°-80°	531.4	6.8
80°-90°	60.0	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°	7763.2	100.0
0°-180°	7763.2	100.0



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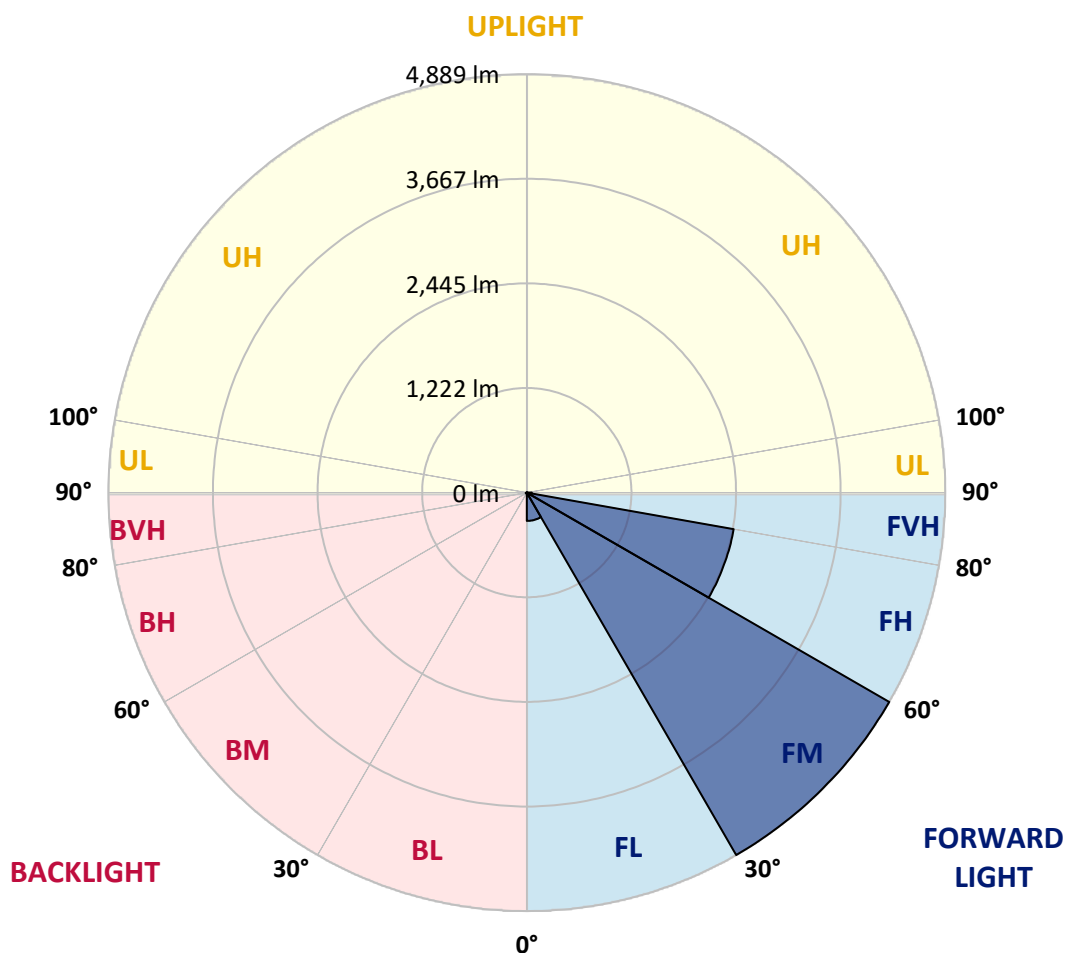
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	330.3	4.3			
FM	(30°-60°)	4889.1	63.0			
FH	(60°-80°)	2453.7	31.6			G2/5000
FVH	(80°-90°)	58.6	0.8			G1/100
BL	(0°-30°)	7.1	0.1	B0/110		
BM	(30°-60°)	10.4	0.1	B0/220		
BH	(60°-80°)	12.5	0.2	B0/110		G0/110
BVH	(80°-90°)	1.4	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2.5°	68.4	68.4	68.4	66.2	64.1	64.1	62.0	59.8	59.8	55.6	53.4
5°	104.7	104.7	100.4	96.2	89.8	81.2	72.7	66.2	66.2	59.8	55.6
7.5°	205.1	211.6	192.3	168.8	136.8	115.4	91.9	76.9	74.8	64.1	55.6
10°	444.5	440.2	410.3	352.6	277.8	200.9	128.2	94.0	89.8	68.4	55.6
12.5°	668.9	675.3	643.2	579.1	489.4	356.9	220.1	121.8	117.5	74.8	55.6
15°	861.2	861.2	839.8	807.8	709.5	570.6	354.7	181.6	166.7	81.2	53.4
17.5°	993.7	991.5	983.0	974.4	916.7	773.6	542.8	290.6	256.4	96.2	53.4
20°	1143.3	1136.8	1147.5	1130.4	1085.6	972.3	741.5	431.7	399.6	121.8	53.4
22.5°	1299.3	1305.7	1314.2	1297.1	1248.0	1149.7	950.9	613.3	579.1	168.8	55.6
25°	1498.0	1493.7	1512.9	1498.0	1436.0	1320.6	1147.5	812.0	762.9	235.1	59.8
27.5°	1741.6	1733.1	1745.9	1707.4	1626.2	1508.7	1322.8	1015.0	957.3	337.6	68.4
30°	2064.3	2070.7	2013.0	1968.1	1852.7	1696.7	1517.2	1233.0	1173.2	459.4	76.9
32.5°	2572.9	2528.0	2438.2	2256.6	2104.9	1906.1	1711.7	1423.2	1369.8	615.4	89.8
35°	3365.7	3374.2	3177.6	2728.9	2399.8	2169.0	1925.4	1632.6	1594.2	792.8	106.8
37.5°	4331.6	4308.1	4135.0	3568.7	2831.4	2495.9	2169.0	1861.3	1805.7	985.1	128.2
40°	5425.7	5327.4	5226.9	4842.3	3731.1	2906.2	2476.7	2126.2	2083.5	1207.4	162.4
42.5°	6301.8	6276.2	6293.3	6133.0	5231.2	3605.0	2884.9	2451.1	2399.8	1483.0	222.2
45°	6733.5	6697.1	6799.7	6919.4	6688.6	5092.3	3543.0	2865.6	2797.2	1807.8	314.1
47.5°	6618.1	6592.4	6812.5	7047.6	7355.3	6816.8	4617.9	3485.3	3367.8	2224.5	450.9
50°	6049.7	6051.8	6412.9	6851.0	7338.2	7690.8	6209.9	4333.7	4186.2	2778.0	664.6
52.5°	5496.2	5513.3	5895.8	6534.7	7083.9	7793.4	7607.5	5477.0	5237.6	3429.8	916.7
55°	4927.8	4936.3	5273.9	6173.6	6964.3	7487.8	8325.5	6949.3	6695.0	4241.8	1162.5
57.5°	4380.7	4380.7	4506.8	5306.0	6833.9	7460.0	8240.0	8295.6	8088.3	5169.2	1344.1
60°	3290.9	3312.2	3626.4	4186.2	5893.7	7500.6	8022.0	8725.1	8725.1	6455.7	1483.0
62.5°	1662.5	1694.6	2085.6	2630.6	4043.1	6940.8	8056.2	8509.3	8543.4	7590.4	1799.3
65°	780.0	816.3	1025.7	1410.4	2175.4	4885.0	7701.5	8325.5	8314.8	7374.5	2466.0
67.5°	559.9	570.6	641.1	822.7	1171.0	2141.2	5878.7	7776.3	7780.6	6265.5	2835.7
70°	502.2	502.2	519.3	572.7	705.2	957.3	2857.1	6297.5	6603.1	4838.0	2628.4
72.5°	495.8	491.5	487.2	489.4	476.5	480.8	980.9	3555.9	3991.8	3384.9	2096.3
75°	482.9	482.9	478.7	463.7	380.4	309.9	337.6	1438.2	1662.5	2260.9	1555.7
77.5°	382.5	421.0	465.9	438.1	348.3	232.9	196.6	416.7	525.7	1386.9	1128.3
80°	177.4	179.5	177.4	185.9	222.2	166.7	145.3	203.0	205.1	769.3	698.8
82.5°	128.2	130.4	123.9	111.1	98.3	89.8	119.7	149.6	160.3	352.6	260.7
85°	38.5	36.3	42.7	57.7	68.4	79.1	100.4	126.1	132.5	130.4	38.5
87.5°	17.1	17.1	21.4	29.9	40.6	59.8	87.6	115.4	117.5	134.6	10.7
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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CATALOG NUMBER: NVN-SA3A-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
2.5°	53.4	51.3	49.1	47.0	44.9	42.7	40.6	40.6	42.7	42.7	42.7
5°	51.3	49.1	44.9	40.6	38.5	36.3	34.2	34.2	36.3	36.3	36.3
7.5°	51.3	47.0	42.7	38.5	34.2	32.1	29.9	29.9	29.9	32.1	32.1
10°	51.3	47.0	40.6	34.2	29.9	27.8	25.6	23.5	25.6	25.6	25.6
12.5°	49.1	44.9	38.5	32.1	25.6	21.4	19.2	19.2	19.2	19.2	19.2
15°	47.0	42.7	36.3	27.8	21.4	17.1	12.8	12.8	12.8	15.0	15.0
17.5°	44.9	40.6	32.1	21.4	15.0	10.7	8.5	8.5	8.5	10.7	10.7
20°	44.9	38.5	27.8	17.1	10.7	6.4	4.3	4.3	4.3	6.4	8.5
22.5°	44.9	38.5	25.6	12.8	6.4	4.3	2.1	2.1	2.1	2.1	2.1
25°	44.9	36.3	23.5	10.7	4.3	2.1	0.0	0.0	2.1	4.3	6.4
27.5°	44.9	34.2	19.2	6.4	4.3	2.1	0.0	2.1	4.3	4.3	4.3
30°	44.9	34.2	17.1	6.4	2.1	0.0	0.0	2.1	4.3	4.3	6.4
32.5°	47.0	32.1	15.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	49.1	29.9	12.8	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	53.4	29.9	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	59.8	32.1	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	74.8	34.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	104.7	42.7	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	153.9	64.1	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	224.4	87.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	275.7	87.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	273.5	55.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	209.4	38.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	177.4	27.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	213.7	21.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	380.4	19.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	611.2	19.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	683.8	19.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	534.2	17.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	292.8	15.0	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	147.4	10.7	4.3	2.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
80°	62.0	8.5	4.3	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
82.5°	21.4	8.5	4.3	4.3	2.1	2.1	0.0	0.0	0.0	0.0	0.0
85°	10.7	6.4	6.4	4.3	4.3	2.1	2.1	0.0	0.0	0.0	0.0
87.5°	6.4	6.4	6.4	4.3	4.3	2.1	2.1	0.0	0.0	0.0	2.1
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
 Rf: 82.2
 Rg: 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

REPORT NUMBER: SP1-2407-184-8

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 $\text{W}^\wedge/\text{nm}$	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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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)