

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: P1065977

Luminaire Tested: **NVN-SA2A-722-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065977
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA2A-722-U-T2BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 2200K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (28) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5213.3 lumens
Efficiency: N/A
Efficacy: 94.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 55.3
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

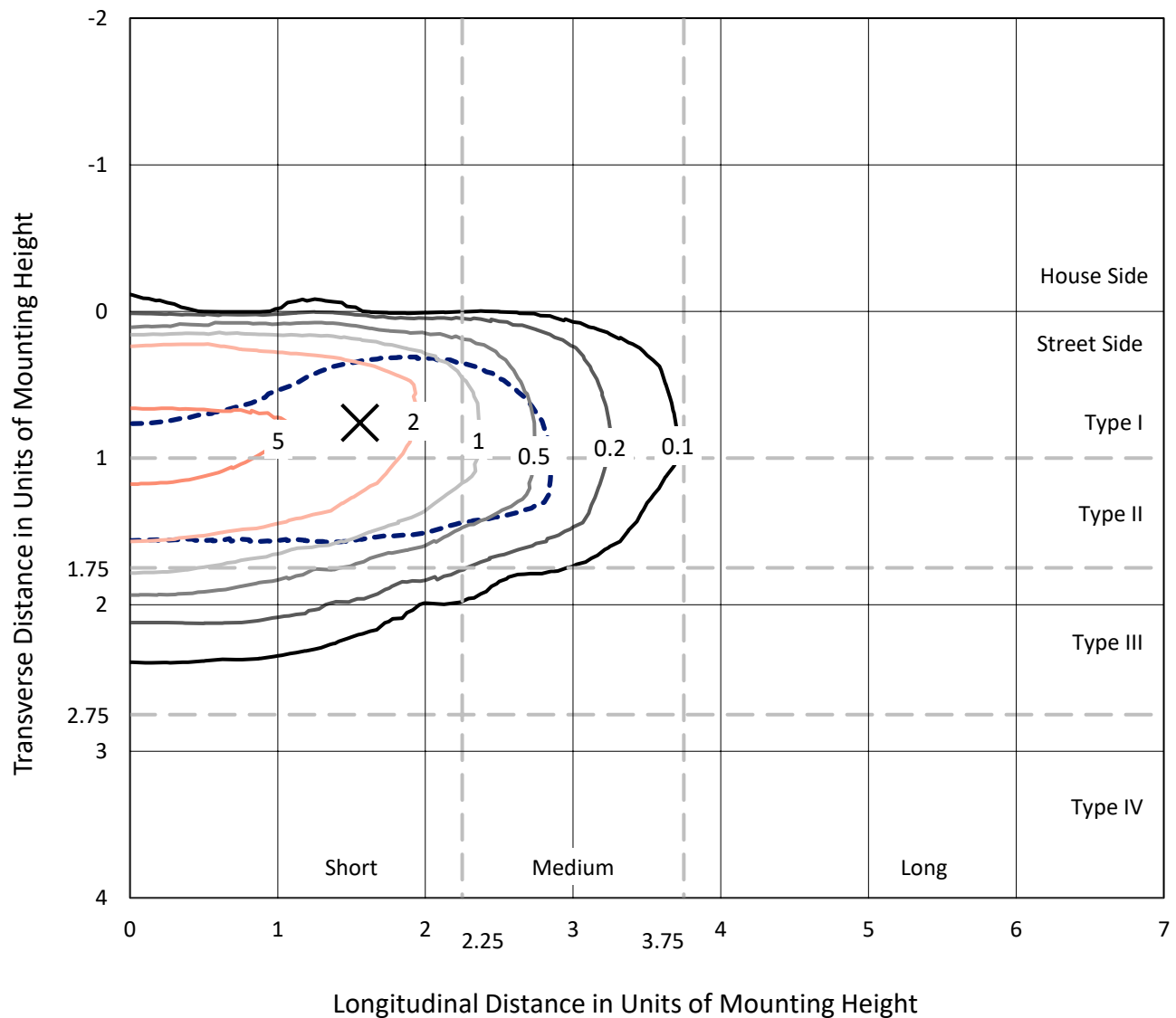


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

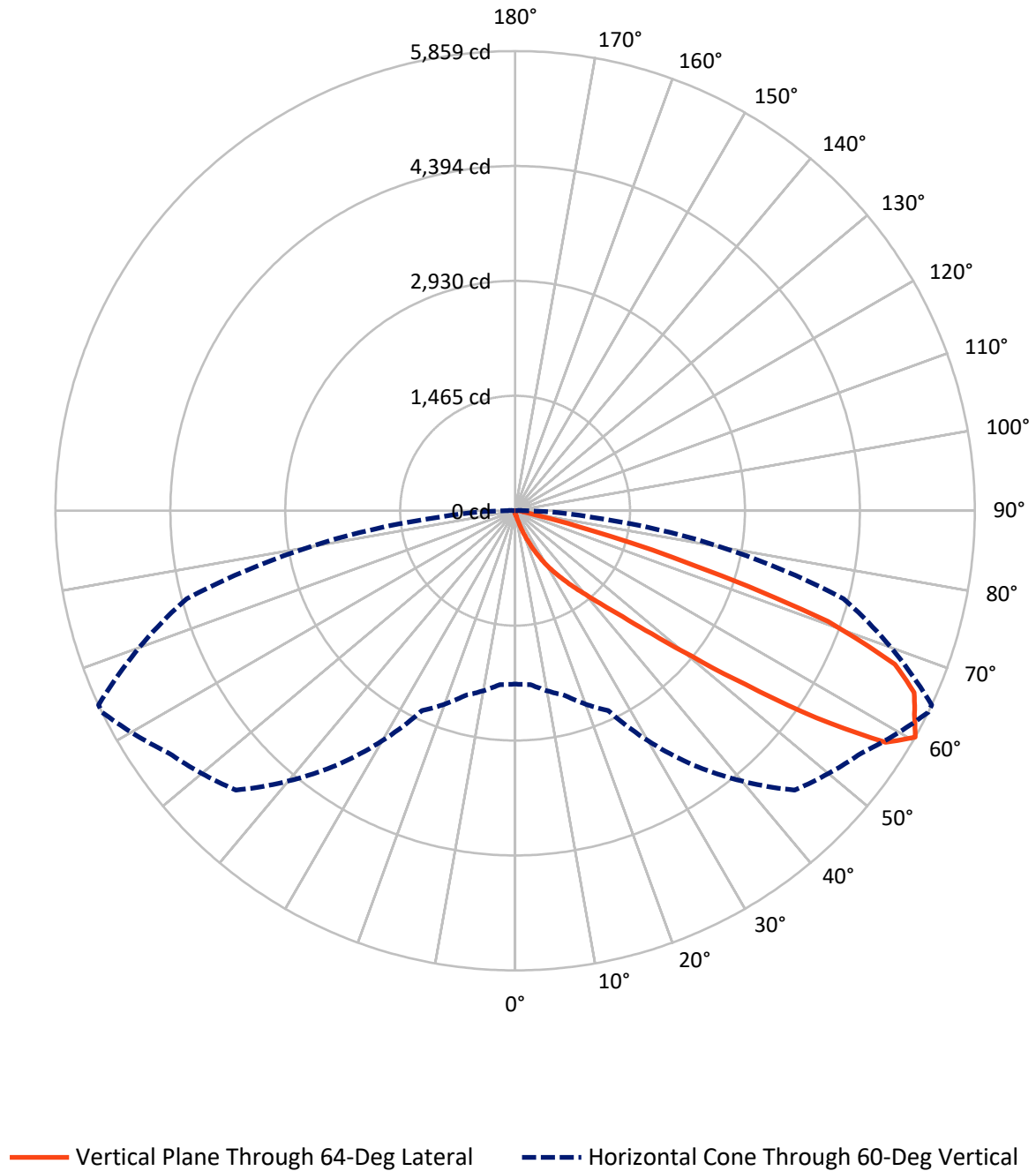


Based on 15 foot mounting height. Maximum calculated value = 7.5 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	21.1	0.0	21.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5192.2	0.0	5192.2
	% Fixture	99.6	0.0	99.6
Total	Lumens	5213.3	0.0	5213.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	51.2	1.0
20°-30°	170.1	3.3
30°-40°	454.0	8.7
40°-50°	1154.0	22.1
50°-60°	1682.3	32.3
60°-70°	1299.4	24.9
70°-80°	356.8	6.8
80°-90°	40.3	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°	5213.3	100.0
0°-180°	5213.3	100.0



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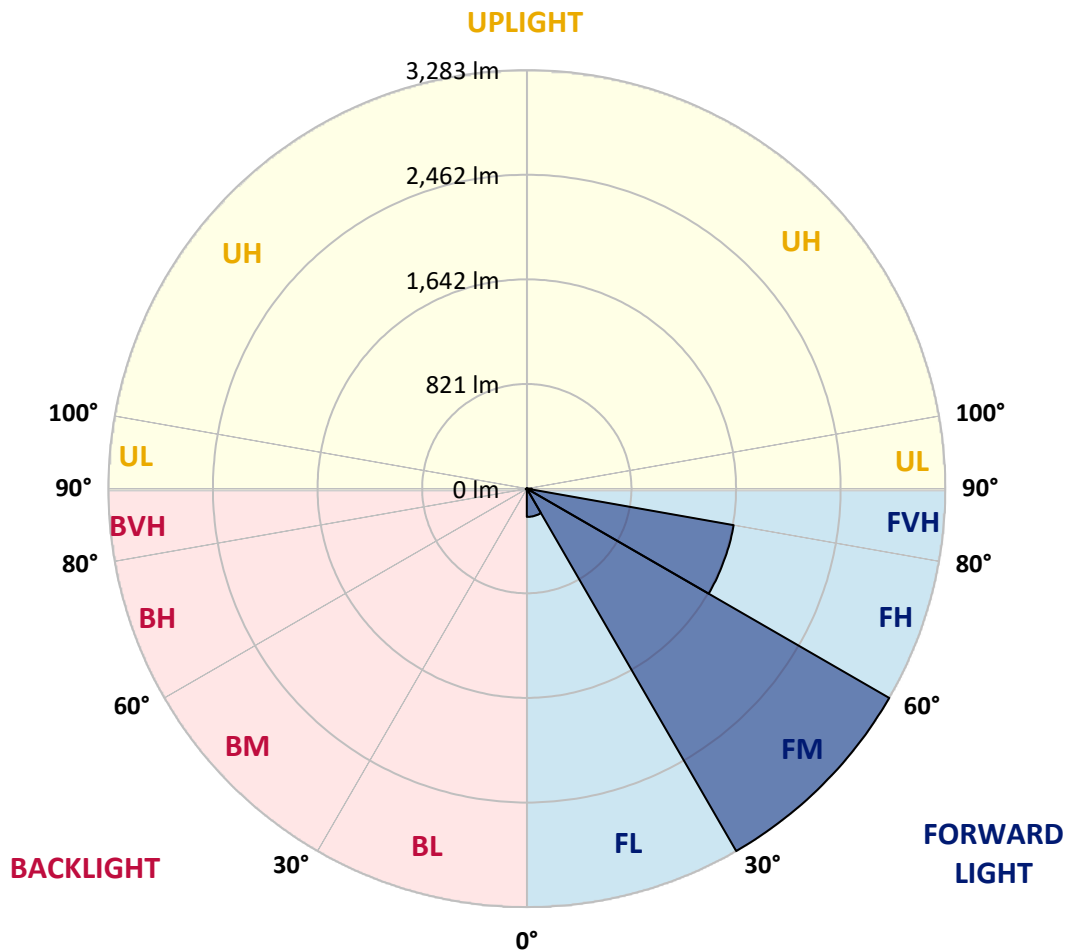
CATALOG NUMBER: NVN-SA2A-722-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	221.8	4.3			
FM	(30°-60°)	3283.3	63.0			
FH	(60°-80°)	1647.8	31.6			G1/1800
FVH	(80°-90°)	39.3	0.8			G1/100
BL	(0°-30°)	4.7	0.1	B0/110		
BM	(30°-60°)	7.0	0.1	B0/220		
BH	(60°-80°)	8.4	0.2	B0/110		G0/110
BVH	(80°-90°)	1.0	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-G1

Type II Short



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CATALOG NUMBER: NVN-SA2A-722-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
2.5°	45.9	45.9	45.9	44.5	43.1	43.1	41.6	40.2	40.2	37.3	35.9
5°	70.3	70.3	67.4	64.6	60.3	54.5	48.8	44.5	44.5	40.2	37.3
7.5°	137.8	142.1	129.2	113.4	91.8	77.5	61.7	51.7	50.2	43.1	37.3
10°	298.5	295.6	275.5	236.8	186.6	134.9	86.1	63.1	60.3	45.9	37.3
12.5°	449.2	453.5	431.9	388.9	328.6	239.7	147.8	81.8	78.9	50.2	37.3
15°	578.3	578.3	564.0	542.4	476.4	383.2	238.2	122.0	111.9	54.5	35.9
17.5°	667.3	665.9	660.1	654.4	615.6	519.5	364.5	195.2	172.2	64.6	35.9
20°	767.8	763.4	770.6	759.1	729.0	652.9	498.0	289.9	268.4	81.8	35.9
22.5°	872.5	876.8	882.6	871.1	838.1	772.1	638.6	411.9	388.9	113.4	37.3
25°	1006.0	1003.1	1016.0	1006.0	964.4	886.9	770.6	545.3	512.3	157.9	40.2
27.5°	1169.6	1163.8	1172.4	1146.6	1092.1	1013.1	888.3	681.6	642.9	226.7	45.9
30°	1386.3	1390.6	1351.8	1321.7	1244.2	1139.4	1018.9	828.0	787.8	308.5	51.7
32.5°	1727.8	1697.7	1637.4	1515.4	1413.5	1280.1	1149.5	955.7	919.9	413.3	60.3
35°	2260.2	2265.9	2133.9	1832.6	1611.6	1456.6	1293.0	1096.4	1070.5	532.4	71.8
37.5°	2908.8	2893.1	2776.8	2396.5	1901.4	1676.1	1456.6	1249.9	1212.6	661.6	86.1
40°	3643.6	3577.6	3510.1	3251.8	2505.6	1951.7	1663.2	1427.9	1399.2	810.8	109.1
42.5°	4232.0	4214.7	4226.2	4118.6	3513.0	2420.9	1937.3	1646.0	1611.6	995.9	149.2
45°	4521.8	4497.4	4566.3	4646.7	4491.7	3419.7	2379.3	1924.4	1878.5	1214.1	211.0
47.5°	4444.3	4427.1	4574.9	4732.8	4939.4	4577.8	3101.1	2340.6	2261.6	1493.9	302.8
50°	4062.6	4064.1	4306.6	4600.8	4928.0	5164.7	4170.3	2910.3	2811.3	1865.6	446.3
52.5°	3690.9	3702.4	3959.3	4388.4	4757.2	5233.6	5108.8	3678.0	3517.3	2303.3	615.6
55°	3309.2	3315.0	3541.7	4145.9	4676.8	5028.4	5591.0	4666.8	4496.0	2848.6	780.7
57.5°	2941.9	2941.9	3026.5	3563.2	4589.3	5009.8	5533.6	5570.9	5431.7	3471.4	902.6
60°	2210.0	2224.3	2435.3	2811.3	3957.9	5037.0	5387.2	5859.3	5859.3	4335.3	995.9
62.5°	1116.5	1138.0	1400.6	1766.5	2715.1	4661.0	5410.1	5714.4	5737.3	5097.3	1208.3
65°	523.8	548.2	688.8	947.1	1460.9	3280.5	5171.9	5591.0	5583.8	4952.4	1656.0
67.5°	376.0	383.2	430.5	552.5	786.4	1437.9	3947.8	5222.1	5225.0	4207.6	1904.3
70°	337.2	337.2	348.7	384.6	473.6	642.9	1918.7	4229.1	4434.3	3249.0	1765.1
72.5°	332.9	330.1	327.2	328.6	320.0	322.9	658.7	2387.9	2680.7	2273.1	1407.8
75°	324.3	324.3	321.5	311.4	255.4	208.1	226.7	965.8	1116.5	1518.3	1044.7
77.5°	256.9	282.7	312.8	294.2	233.9	156.4	132.0	279.8	353.0	931.3	757.7
80°	119.1	120.5	119.1	124.8	149.2	111.9	97.6	136.3	137.8	516.6	469.3
82.5°	86.1	87.5	83.2	74.6	66.0	60.3	80.4	100.5	107.6	236.8	175.1
85°	25.8	24.4	28.7	38.7	45.9	53.1	67.4	84.7	89.0	87.5	25.8
87.5°	11.5	11.5	14.4	20.1	27.3	40.2	58.8	77.5	78.9	90.4	7.2
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-SA2A-722-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
2.5°	35.9	34.4	33.0	31.6	30.1	28.7	27.3	27.3	28.7	28.7	28.7
5°	34.4	33.0	30.1	27.3	25.8	24.4	23.0	23.0	24.4	24.4	24.4
7.5°	34.4	31.6	28.7	25.8	23.0	21.5	20.1	20.1	20.1	21.5	21.5
10°	34.4	31.6	27.3	23.0	20.1	18.7	17.2	15.8	17.2	17.2	17.2
12.5°	33.0	30.1	25.8	21.5	17.2	14.4	12.9	12.9	12.9	12.9	12.9
15°	31.6	28.7	24.4	18.7	14.4	11.5	8.6	8.6	8.6	10.0	10.0
17.5°	30.1	27.3	21.5	14.4	10.0	7.2	5.7	5.7	5.7	7.2	7.2
20°	30.1	25.8	18.7	11.5	7.2	4.3	2.9	2.9	2.9	4.3	5.7
22.5°	30.1	25.8	17.2	8.6	4.3	2.9	1.4	1.4	1.4	1.4	1.4
25°	30.1	24.4	15.8	7.2	2.9	1.4	0.0	0.0	1.4	2.9	4.3
27.5°	30.1	23.0	12.9	4.3	2.9	1.4	0.0	1.4	2.9	2.9	2.9
30°	30.1	23.0	11.5	4.3	1.4	0.0	0.0	1.4	2.9	2.9	4.3
32.5°	31.6	21.5	10.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	33.0	20.1	8.6	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	35.9	20.1	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	40.2	21.5	5.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	50.2	23.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	70.3	28.7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	103.3	43.1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	150.7	58.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	185.1	58.8	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	183.7	37.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	140.6	25.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	119.1	18.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	143.5	14.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	255.4	12.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	410.4	12.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	459.2	12.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	358.8	11.5	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	196.6	10.0	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	99.0	7.2	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0
80°	41.6	5.7	2.9	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	14.4	5.7	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0	0.0
85°	7.2	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	0.0
87.5°	4.3	4.3	4.3	2.9	2.9	1.4	1.4	0.0	0.0	0.0	1.4
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: SP1-2407-184-2

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-722-U-5WQ

Data in this report applies to families of products including GSS-SB1A-722-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-2
 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-722-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2200K CCT 26 LEDS

Spectral Parameters

CCT (K):	2160	CRI (Ra):	71.9		
CIE u':	0.2927	R1:	68.7	R9:	-17.8
CIE v':	0.5388	R2:	82.6	R10:	60.5
Duv:	0.0015	R3:	95.5	R11:	60.2
CIE x:	0.5130	R4:	66.4	R12:	48.2
CIE y:	0.4197	R5:	65.4	R13:	70.7
CIE z:	0.0674	R6:	75.9	R14:	96.8
Peak Wavelength (nm):	609	R7:	77.2	R15:	61.8
Dominant Wavelength (nm):	587	R8:	43.5		
Purity:	79.96089				
Rf:	70.6				
Rg:	97.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-2

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 2200K 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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 0.8

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.21

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	27	NR	620	966	NR	750	46	NR	880	1	NR
365	0	NR	495	42	NR	625	930	NR	755	39	NR	885	1	NR
370	0	NR	500	67	NR	630	888	NR	760	34	NR	890	1	NR
375	0	NR	505	101	NR	635	835	NR	765	30	NR	895	1	NR
380	0	NR	510	139	NR	640	778	NR	770	26	NR	900	1	NR
385	0	NR	515	183	NR	645	717	NR	775	22	NR	905	1	NR
390	0	NR	520	224	NR	650	656	NR	780	19	NR	910	1	NR
395	0	NR	525	262	NR	655	595	NR	785	17	NR	915	1	NR
400	1	NR	530	299	NR	660	536	NR	790	15	NR	920	1	NR
405	3	NR	535	332	NR	665	480	NR	795	13	NR	925	1	NR
410	7	NR	540	365	NR	670	425	NR	800	11	NR	930	1	NR
415	17	NR	545	400	NR	675	376	NR	805	10	NR	935	0	NR
420	36	NR	550	437	NR	680	332	NR	810	8	NR	940	0	NR
425	67	NR	555	479	NR	685	291	NR	815	8	NR	945	0	NR
430	105	NR	560	525	NR	690	255	NR	820	7	NR	950	0	NR
435	141	NR	565	579	NR	695	221	NR	825	6	NR	955	0	NR
440	169	NR	570	639	NR	700	192	NR	830	5	NR	960	0	NR
445	173	NR	575	703	NR	705	167	NR	835	4	NR	965	0	NR
450	136	NR	580	769	NR	710	144	NR	840	4	NR	970	0	NR
455	80	NR	585	832	NR	715	125	NR	845	3	NR	975	0	NR
460	45	NR	590	890	NR	720	109	NR	850	3	NR	980	0	NR
465	32	NR	595	937	NR	725	94	NR	855	3	NR	985	0	NR
470	23	NR	600	972	NR	730	81	NR	860	2	NR	990	0	NR
475	18	NR	605	992	NR	735	70	NR	865	2	NR	995	0	NR
480	18	NR	610	998	NR	740	61	NR	870	2	NR	1000	0	NR
485	20	NR	615	990	NR	745	53	NR	875	2	NR			

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TM-30-18

Summary

$R_f = 70.6$
 $R_g = 97.6$
 $CIE\ R_a = 71.9$
 $R_g = -17.8$



Color Vector Graphics



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

CES01 = 87	CES26 = 60	CES51 = 74	CES76 = 58
CES02 = 65	CES27 = 77	CES52 = 77	CES77 = 82
CES03 = 32	CES28 = 85	CES53 = 65	CES78 = 65
CES04 = 72	CES29 = 50	CES54 = 77	CES79 = 86
CES05 = 52	CES30 = 49	CES55 = 74	CES80 = 85
CES06 = 53	CES31 = 55	CES56 = 64	CES81 = 61
CES07 = 44	CES32 = 55	CES57 = 60	CES82 = 93
CES08 = 43	CES33 = 55	CES58 = 64	CES83 = 83
CES09 = 29	CES34 = 75	CES59 = 84	CES84 = 93
CES10 = 79	CES35 = 88	CES60 = 89	CES85 = 81
CES11 = 62	CES36 = 78	CES61 = 84	CES86 = 55
CES12 = 68	CES37 = 82	CES62 = 68	CES87 = 79
CES13 = 45	CES38 = 54	CES63 = 68	CES88 = 72
CES14 = 75	CES39 = 90	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 86	CES65 = 66	CES90 = 67
CES16 = 49	CES41 = 75	CES66 = 64	CES91 = 89
CES17 = 51	CES42 = 83	CES67 = 63	CES92 = 67
CES18 = 57	CES43 = 68	CES68 = 71	CES93 = 78
CES19 = 74	CES44 = 98	CES69 = 81	CES94 = 52
CES20 = 68	CES45 = 76	CES70 = 65	CES95 = 76
CES21 = 89	CES46 = 68	CES71 = 64	CES96 = 78
CES22 = 81	CES47 = 60	CES72 = 88	CES97 = 76
CES23 = 92	CES48 = 47	CES73 = 59	CES98 = 71
CES24 = 92	CES49 = 65	CES74 = 85	CES99 = 65
CES25 = 74	CES50 = 74	CES75 = 66	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)