

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: P1065758

Luminaire Tested: **NVN-SA1B-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065758
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA1B-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4041.2 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 37.9
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

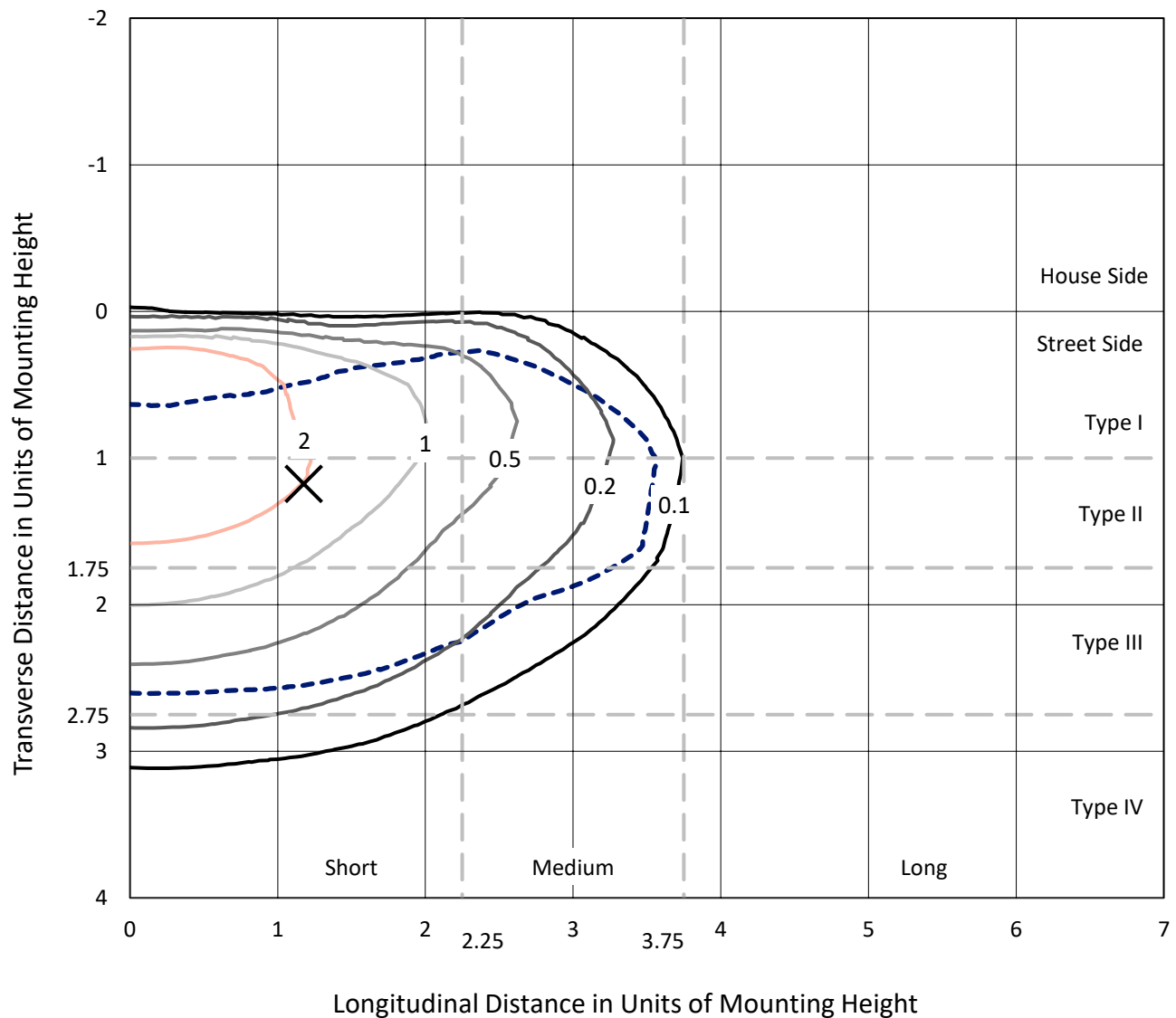


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

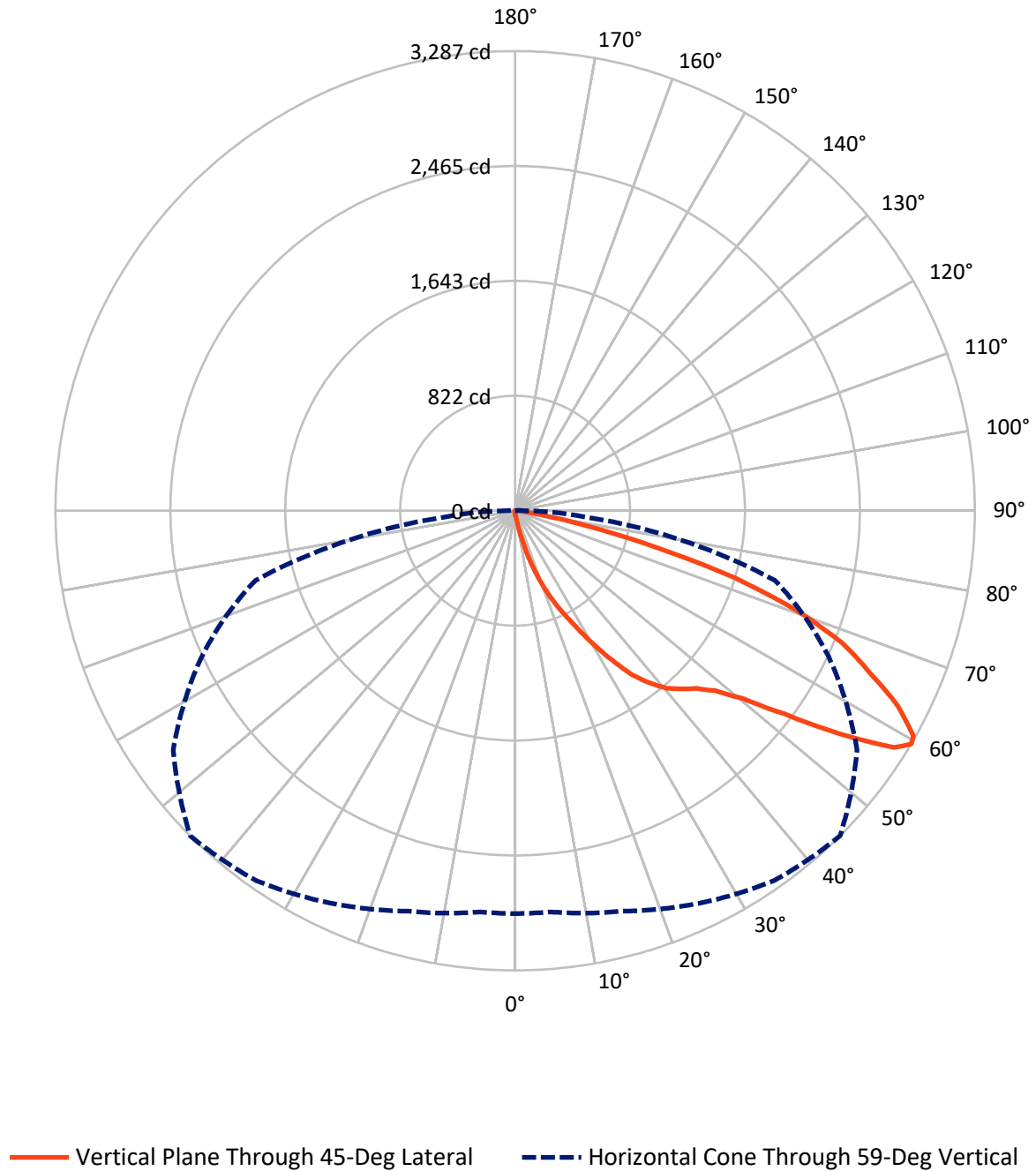


Based on 15 foot mounting height. Maximum calculated value = 4.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	14.3	0.0	14.3
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	4026.9	0.0	4026.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	4041.2	0.0	4041.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	44.7	1.1
20°-30°	160.5	4.0
30°-40°	372.9	9.2
40°-50°	635.7	15.7
50°-60°	1047.4	25.9
60°-70°	1211.0	30.0
70°-80°	520.3	12.9
80°-90°	45.0	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°	4041.2	100.0
0°-180°	4041.2	100.0



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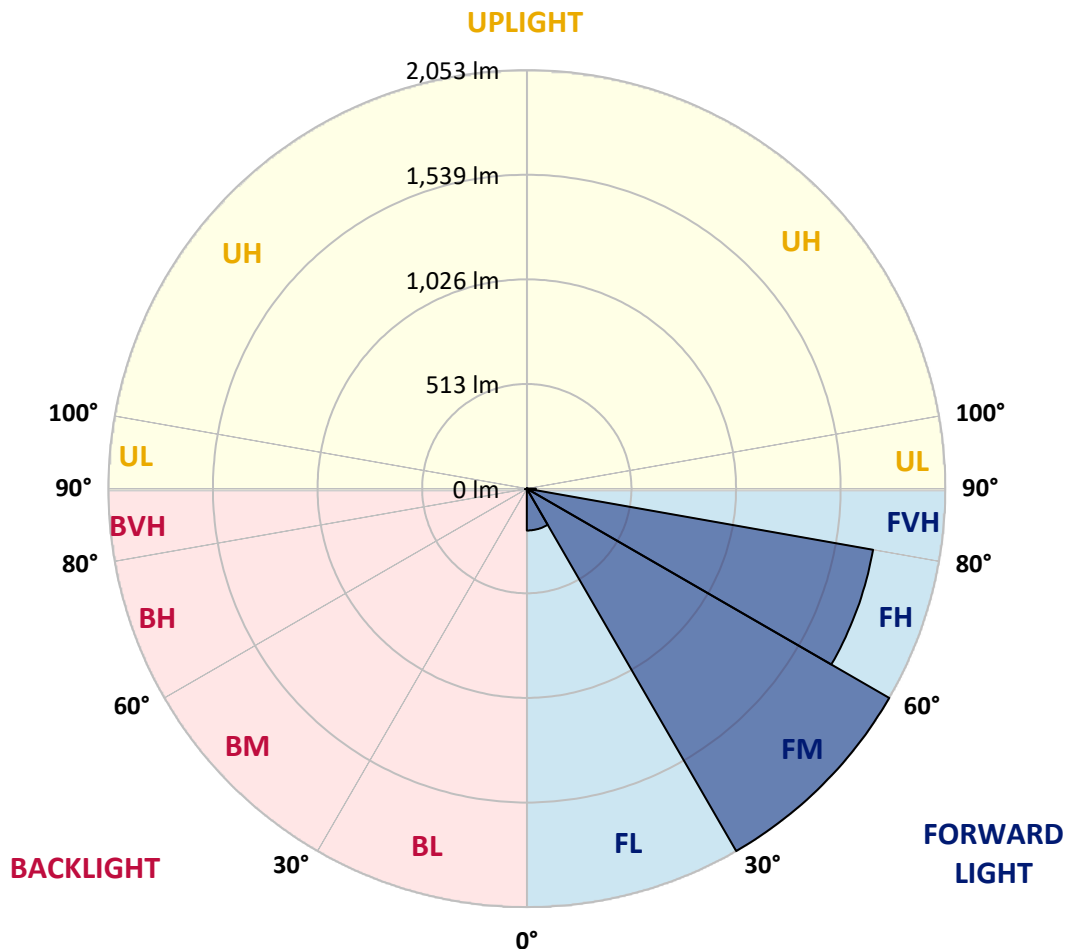
CATALOG NUMBER: NVN-SA1B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	205.4	5.1			
FM	(30°-60°)	2052.5	50.8			
FH	(60°-80°)	1724.6	42.7			G1/1800
FVH	(80°-90°)	44.4	1.1			G1/100
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	3.5	0.1	B0/220		
BH	(60°-80°)	6.8	0.2	B0/110		G0/110
BVH	(80°-90°)	0.6	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 III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
2.5°	33.2	33.2	32.3	31.2	31.0	30.2	30.2	29.3	28.3	27.4	26.4
5°	48.1	47.8	45.7	42.9	39.4	37.2	37.2	34.2	31.5	29.1	26.9
7.5°	105.2	102.7	94.8	81.8	64.7	53.3	52.4	42.7	36.1	31.2	27.2
10°	241.3	232.9	221.7	190.5	140.8	98.4	96.5	62.2	43.2	33.7	27.7
12.5°	395.4	402.2	379.9	330.7	272.5	202.7	189.1	104.9	57.1	37.0	28.3
15°	535.6	534.0	521.5	481.2	414.1	321.2	312.8	182.3	81.8	42.1	28.8
17.5°	640.5	638.6	626.6	600.8	549.2	456.2	448.9	290.8	128.3	49.5	29.3
20°	751.1	748.6	731.8	711.1	666.0	586.9	578.2	411.9	200.8	61.4	29.3
22.5°	883.7	879.1	861.1	826.1	778.5	709.8	701.9	535.9	290.8	81.0	30.7
25°	1044.0	1036.1	1011.4	979.9	922.5	831.2	822.8	673.9	399.2	110.6	32.1
27.5°	1226.9	1228.2	1194.8	1141.6	1064.7	971.4	955.7	797.5	511.4	153.0	33.7
30°	1444.0	1430.4	1383.4	1321.4	1246.7	1128.0	1112.7	920.6	637.5	215.5	36.4
32.5°	1647.2	1632.6	1569.3	1491.3	1411.1	1285.8	1273.3	1058.9	752.2	289.4	41.3
35°	1821.7	1811.4	1722.8	1627.7	1556.5	1444.5	1440.7	1213.3	886.9	369.0	46.7
37.5°	1975.2	1956.5	1842.6	1744.0	1671.7	1571.4	1563.3	1354.6	1016.8	461.4	54.9
40°	2106.2	2095.9	1957.0	1827.4	1768.7	1679.0	1668.7	1478.5	1151.1	568.7	64.9
42.5°	2246.4	2232.8	2098.1	1952.7	1844.5	1748.6	1741.8	1580.7	1270.6	686.7	79.9
45°	2404.8	2379.6	2261.4	2130.9	1966.5	1820.6	1813.0	1671.7	1393.2	813.3	98.1
47.5°	2574.1	2552.1	2456.5	2364.9	2175.8	1939.4	1923.1	1749.2	1514.9	959.5	121.2
50°	2746.4	2747.0	2675.2	2631.2	2431.5	2132.3	2109.2	1863.0	1642.9	1116.0	155.4
52.5°	2947.0	2952.1	2951.0	2918.4	2763.5	2447.8	2416.8	2035.8	1791.5	1298.6	202.7
55°	3030.9	3040.2	3100.2	3172.5	3130.4	2847.8	2814.6	2333.9	1988.5	1502.1	272.8
57.5°	2962.2	2972.5	3055.4	3182.0	3278.7	3198.0	3194.2	2722.0	2248.1	1748.9	387.5
59°	2880.4	2879.0	2964.1	3098.3	3228.7	3281.2	3286.6	2984.5	2474.1	1922.0	486.4
60°	2826.0	2827.1	2883.6	3021.4	3160.0	3251.0	3272.2	3139.1	2606.2	2046.4	571.2
62.5°	2616.3	2628.8	2673.6	2801.6	2933.1	3034.7	3070.9	3276.8	2984.2	2340.4	866.0
65°	2388.3	2389.1	2452.9	2562.4	2688.5	2760.0	2782.8	3062.4	3236.6	2639.9	1252.7
67.5°	1981.5	1998.1	2070.6	2248.1	2414.6	2505.1	2522.5	2665.7	3132.0	2835.0	1446.4
70°	1386.7	1408.4	1511.9	1742.1	1990.2	2138.8	2137.7	2216.0	2756.5	2748.0	1226.3
72.5°	692.4	729.9	814.4	1060.8	1361.4	1594.8	1644.0	1782.6	2214.4	2282.6	914.9
75°	306.0	308.1	356.2	480.4	676.6	973.1	1017.1	1414.9	1698.9	1586.4	660.9
77.5°	178.0	179.6	188.3	215.8	274.2	476.9	526.3	928.0	1200.5	922.0	431.0
80°	64.7	66.3	66.0	81.8	120.1	187.8	209.2	449.7	800.8	485.6	225.8
82.5°	39.7	39.7	38.3	38.6	43.7	72.0	78.8	191.6	389.9	239.1	64.7
85°	19.6	20.7	22.0	24.7	29.3	35.6	37.8	54.9	131.2	57.9	15.5
87.5°	11.7	12.0	13.0	15.8	19.6	25.5	27.2	37.2	47.0	38.9	3.8
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-SA1B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
2.5°	25.8	25.5	24.2	23.1	22.0	20.9	20.1	19.3	19.3	19.6	19.3
5°	25.8	24.7	22.6	20.7	19.0	17.7	16.3	15.2	14.9	14.9	15.2
7.5°	25.5	24.2	21.2	18.7	16.6	14.7	13.3	12.0	11.7	12.0	11.7
10°	25.3	23.6	20.1	17.1	14.1	12.2	10.3	9.0	9.0	9.0	9.2
12.5°	25.3	22.8	19.0	15.5	12.2	10.1	8.2	6.8	6.5	6.5	6.5
15°	25.0	22.3	17.9	13.6	10.3	7.6	6.0	4.6	4.6	4.6	4.6
17.5°	24.5	21.5	16.6	12.0	8.2	5.7	4.1	2.7	2.7	3.3	3.3
20°	23.9	20.7	14.9	9.8	6.8	4.3	2.7	1.6	1.6	2.4	2.7
22.5°	24.2	20.7	13.9	8.7	5.4	3.3	2.2	1.4	1.1	1.9	2.4
25°	24.5	20.1	12.5	7.6	4.1	2.4	1.6	0.5	0.3	0.5	0.8
27.5°	24.5	19.6	10.9	6.0	3.0	1.9	0.8	0.0	0.0	0.0	0.0
30°	24.2	18.7	9.5	4.9	2.2	1.1	0.3	0.0	0.0	0.0	0.0
32.5°	23.9	17.9	8.7	3.8	1.9	0.5	0.0	0.0	0.0	0.0	0.0
35°	24.2	16.8	7.6	3.0	1.1	0.0	0.0	0.0	0.0	0.0	0.5
37.5°	25.0	15.8	6.5	2.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
40°	26.1	14.9	5.4	1.9	0.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	28.3	14.9	4.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	31.0	14.9	4.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	34.5	15.2	3.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	38.9	15.8	3.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	42.1	15.2	3.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	47.8	14.7	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	55.4	13.9	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	63.0	12.8	2.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	71.7	12.2	2.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	118.5	10.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	228.8	10.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	369.8	10.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	388.9	10.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	258.7	8.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	138.6	7.6	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	74.7	7.1	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	32.9	5.2	1.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	13.0	3.5	1.6	1.4	1.1	0.5	0.0	0.0	0.0	0.0	0.0
85°	6.2	2.7	2.2	1.9	1.4	0.8	0.0	0.0	0.0	0.0	0.0
87.5°	3.0	2.7	2.4	2.2	1.9	1.4	0.3	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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 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-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 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/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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.02

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



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

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)