

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: P1066246

Luminaire Tested: **NVN-SA3B-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066246
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3B-727-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11189.9 lumens
Efficiency: N/A
Efficacy: 105.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 106.2
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

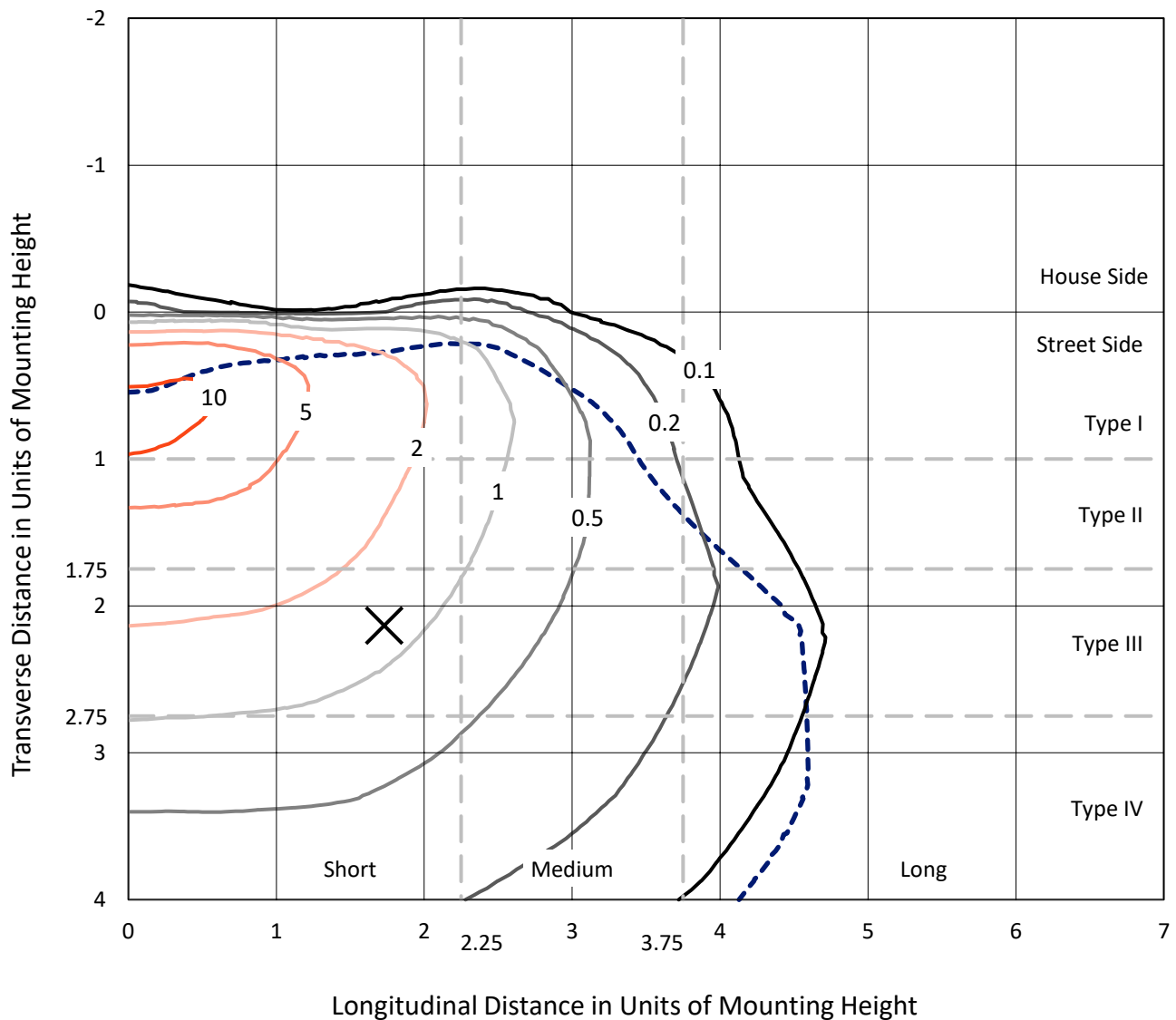


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

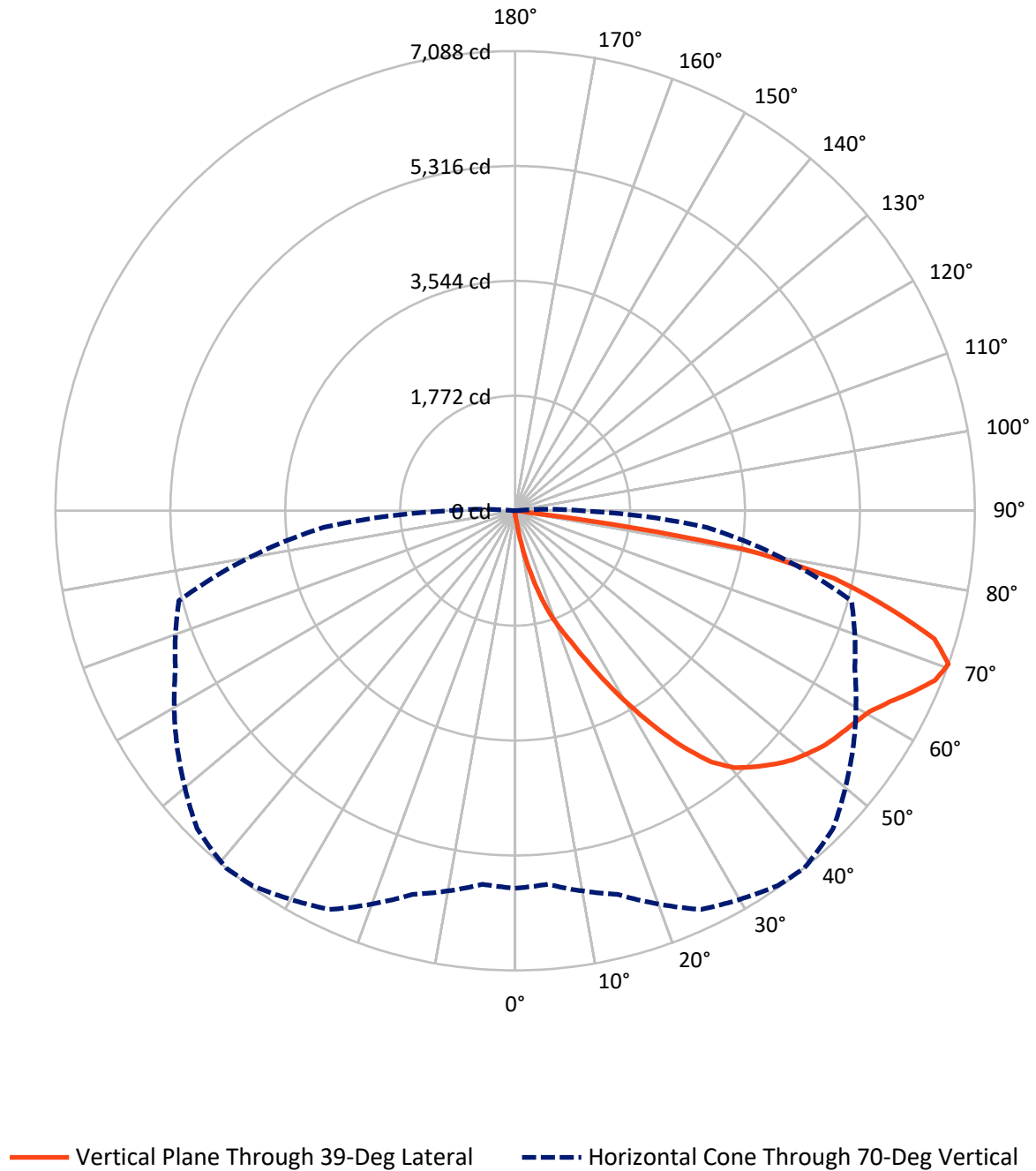


Based on 15 foot mounting height. Maximum calculated value = 12.2 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	34.4	0.0	34.4
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	11155.4	0.0	11155.4
	% Fixture	99.7	0.0	99.7
Total	Lumens	11189.9	0.0	11189.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.8	0.1
10°-20°	137.6	1.2
20°-30°	466.8	4.2
30°-40°	1097.1	9.8
40°-50°	1781.5	15.9
50°-60°	2257.5	20.2
60°-70°	2867.7	25.6
70°-80°	2330.0	20.8
80°-90°	239.9	2.1
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°	11189.9	100.0
0°-180°	11189.9	100.0



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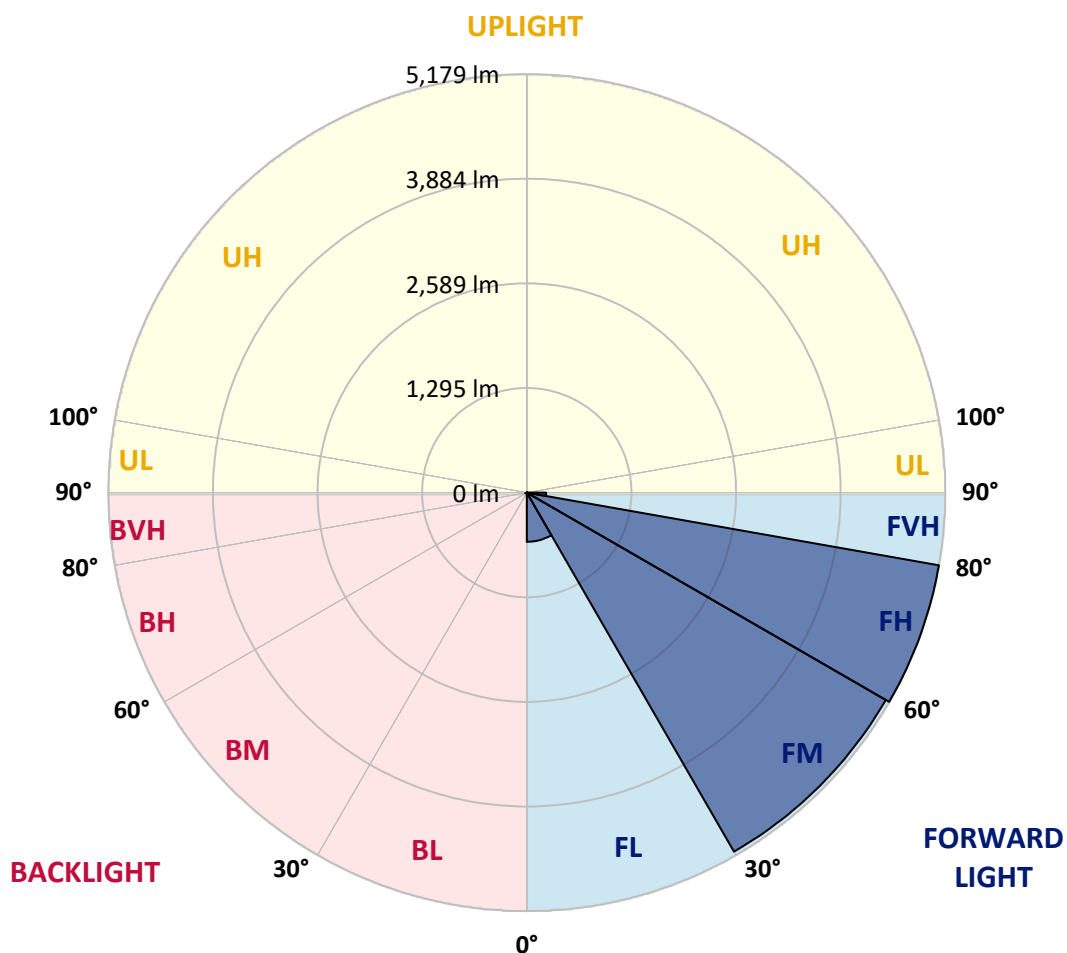
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	608.7	5.4			
FM	(30°-60°)	5129.5	45.8			
FH	(60°-80°)	5178.7	46.3			G3/7500
FVH	(80°-90°)	238.5	2.1			G3/500
BL	(0°-30°)	7.5	0.1	B0/110		
BM	(30°-60°)	6.6	0.1	B0/220		
BH	(60°-80°)	18.9	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-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
2.5°	79.0	79.0	79.0	76.0	76.0	72.9	72.9	69.9	66.8	66.8	63.8
5°	148.9	151.9	142.8	124.6	112.4	106.3	100.3	85.1	76.0	69.9	63.8
7.5°	407.1	394.9	376.7	316.0	243.0	206.6	176.2	124.6	91.1	72.9	63.8
10°	856.7	823.3	771.7	689.6	546.8	489.1	379.8	227.9	127.6	82.0	63.8
12.5°	1257.7	1263.8	1200.0	1121.0	947.9	850.6	701.8	428.4	200.5	97.2	63.8
15°	1561.5	1555.5	1531.2	1467.4	1312.4	1218.2	1084.6	720.0	337.2	121.5	66.8
17.5°	1801.5	1777.2	1768.1	1740.8	1640.5	1588.9	1443.1	1060.3	534.7	164.1	69.9
20°	2041.5	2035.5	2026.4	1996.0	1929.1	1892.7	1780.3	1403.6	796.0	233.9	76.0
22.5°	2390.9	2357.5	2363.6	2296.7	2242.1	2178.3	2087.1	1768.1	1096.7	334.2	85.1
25°	2801.1	2798.0	2749.4	2719.0	2627.9	2558.0	2436.5	2120.5	1430.9	483.0	94.2
27.5°	3284.1	3250.7	3229.4	3177.8	3083.6	3004.6	2837.5	2469.9	1792.4	650.1	106.3
30°	3788.4	3788.4	3748.9	3669.9	3578.8	3481.6	3311.4	2837.5	2150.9	862.8	121.5
32.5°	4377.8	4389.9	4292.7	4174.2	4055.8	3988.9	3767.1	3253.7	2494.2	1105.8	139.7
35°	4948.9	4933.7	4772.7	4642.1	4554.0	4481.1	4292.7	3709.4	2883.1	1388.4	164.1
37.5°	5495.8	5456.3	5188.9	5003.6	4964.1	4915.5	4727.2	4165.1	3268.9	1701.3	194.4
40°	5887.7	5826.9	5550.5	5295.3	5237.5	5210.2	5064.4	4578.3	3676.0	2050.7	233.9
42.5°	6057.8	5987.9	5796.5	5590.0	5462.4	5398.6	5271.0	4915.5	4083.1	2439.5	291.6
45°	6091.2	6036.5	5899.8	5851.2	5678.1	5580.8	5407.7	5155.5	4462.8	2825.4	370.6
47.5°	5969.7	5945.4	5863.4	5966.7	5878.6	5744.9	5535.3	5334.8	4800.1	3293.2	480.0
50°	5672.0	5653.8	5693.2	5963.6	6024.4	5872.5	5675.0	5474.5	5091.7	3776.3	634.9
52.5°	5271.0	5267.9	5453.2	5884.6	6088.2	5994.0	5811.7	5614.3	5322.6	4244.1	853.7
55°	4833.5	4885.1	5210.2	5811.7	6124.6	6082.1	5945.4	5738.8	5529.2	4678.5	1206.1
57.5°	4797.0	4775.8	5088.7	5781.4	6145.9	6170.2	6079.1	5869.5	5705.4	5034.0	1677.0
60°	5161.6	5113.0	5231.5	5845.1	6240.1	6282.6	6212.7	5969.7	5881.6	5313.5	2296.7
62.5°	5583.9	5538.3	5599.1	6091.2	6425.4	6486.2	6398.1	6073.0	6024.4	5507.9	2962.1
65°	5921.1	5884.6	6000.1	6458.8	6683.6	6735.3	6674.5	6264.4	6088.2	5665.9	3502.8
67.5°	5975.8	5930.2	6170.2	6704.9	6944.9	6981.4	6932.8	6449.7	6066.9	5678.1	3627.4
70°	5820.8	5781.4	6124.6	6783.9	7057.3	7087.7	6932.8	6361.6	5778.3	5368.2	2965.1
72.5°	5343.9	5374.3	5817.8	6592.5	6902.4	6762.6	6434.5	5918.1	5404.6	4551.0	2081.0
75°	4602.6	4636.0	5225.4	6066.9	6091.2	5921.1	5744.9	5444.1	4836.5	2998.5	1443.1
77.5°	3271.9	3153.5	4034.5	5009.7	4921.6	5031.0	5046.1	4529.7	4049.7	1561.5	966.1
80°	322.0	273.4	507.3	1437.0	3174.7	3548.4	3694.2	3490.7	2986.4	698.7	507.3
82.5°	69.9	69.9	76.0	82.0	127.6	191.4	878.0	2150.9	1929.1	355.4	164.1
85°	39.5	39.5	48.6	57.7	76.0	85.1	100.3	133.7	519.5	127.6	30.4
87.5°	30.4	33.4	39.5	48.6	63.8	69.9	85.1	106.3	130.6	118.5	9.1
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-SA3B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
2.5°	63.8	60.8	57.7	54.7	51.6	51.6	48.6	48.6	48.6	48.6	48.6
5°	60.8	57.7	54.7	48.6	45.6	42.5	39.5	39.5	39.5	39.5	39.5
7.5°	60.8	57.7	51.6	45.6	39.5	36.5	33.4	30.4	30.4	33.4	33.4
10°	60.8	54.7	45.6	39.5	33.4	30.4	27.3	24.3	24.3	24.3	24.3
12.5°	57.7	51.6	42.5	36.5	30.4	24.3	18.2	15.2	15.2	15.2	15.2
15°	54.7	48.6	39.5	30.4	21.3	15.2	12.2	9.1	9.1	9.1	9.1
17.5°	54.7	45.6	36.5	27.3	15.2	9.1	6.1	3.0	3.0	3.0	6.1
20°	54.7	45.6	33.4	21.3	9.1	6.1	6.1	3.0	0.0	3.0	3.0
22.5°	54.7	42.5	27.3	15.2	9.1	6.1	3.0	0.0	0.0	0.0	0.0
25°	57.7	42.5	24.3	12.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0
27.5°	57.7	39.5	21.3	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
30°	60.8	39.5	18.2	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	60.8	36.5	12.2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	60.8	33.4	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	60.8	30.4	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	63.8	27.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	66.8	24.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	69.9	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	79.0	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	91.1	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	109.4	21.3	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	142.8	18.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	206.6	18.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	346.3	18.2	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	607.6	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1026.9	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1339.8	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1017.7	18.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	486.1	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	215.7	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	94.2	9.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	36.5	6.1	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0	0.0
82.5°	15.2	6.1	3.0	3.0	3.0	3.0	3.0	0.0	0.0	0.0	0.0
85°	9.1	6.1	6.1	6.1	3.0	3.0	3.0	0.0	0.0	0.0	0.0
87.5°	6.1	6.1	6.1	6.1	6.1	3.0	3.0	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 $\text{W}^\wedge/\text{nm}$	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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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)