

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: P1065771

Luminaire Tested: **NVN-SA4C-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065771
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA4C-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19182.1 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 190.4
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

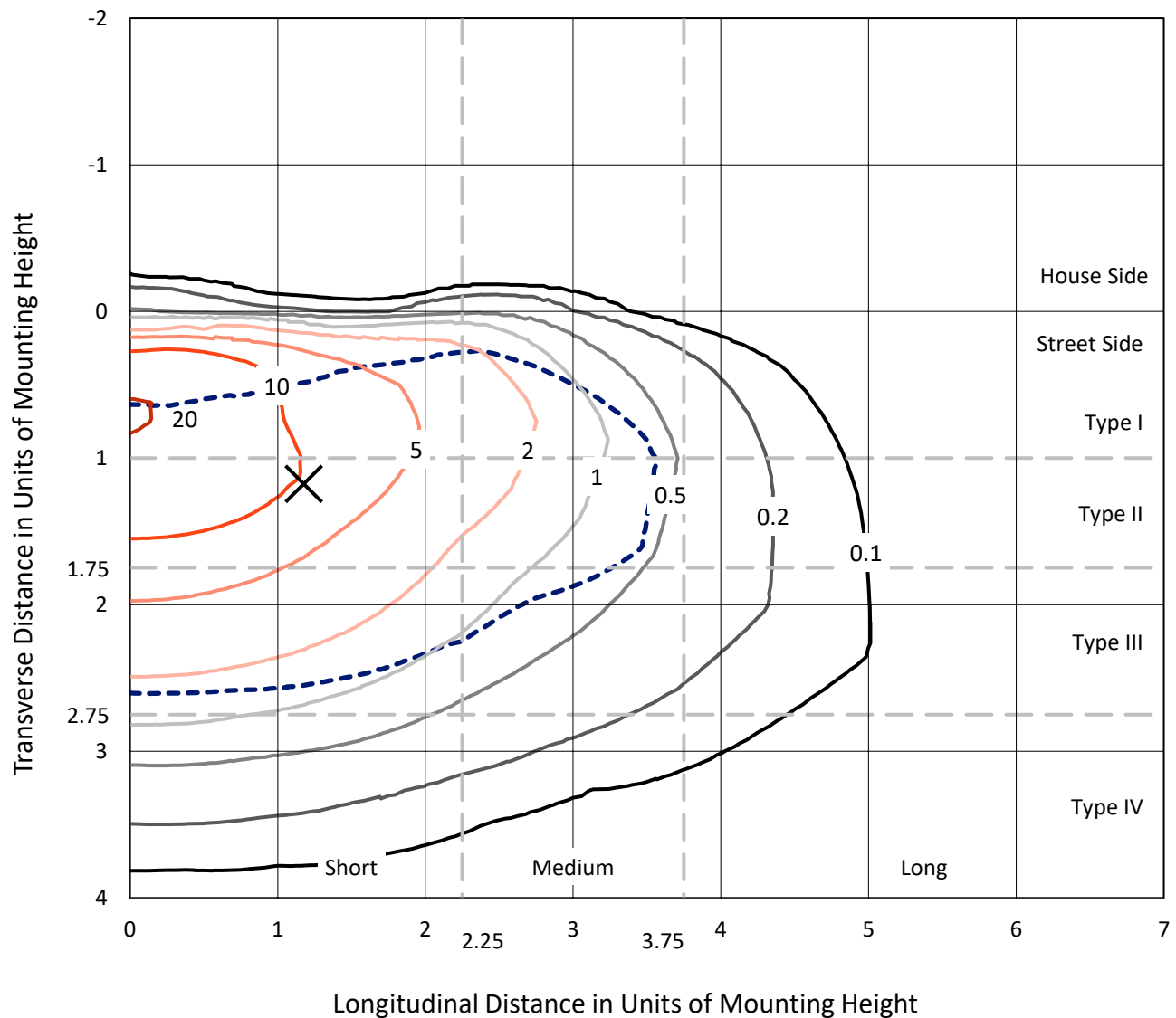


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

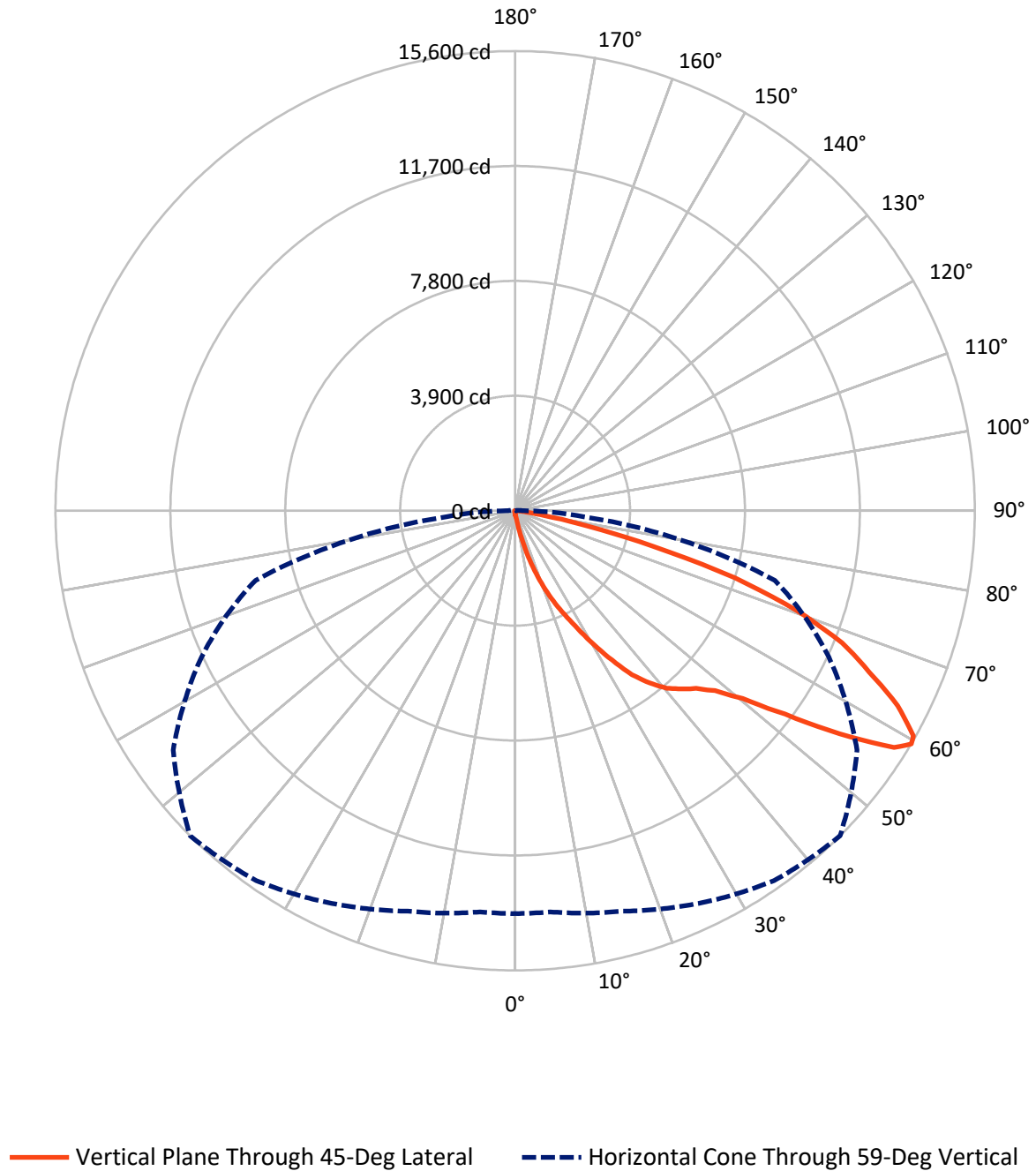


Based on 15 foot mounting height. Maximum calculated value = 20.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.1	0.0	68.1
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19114.0	0.0	19114.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	19182.1	0.0	19182.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.8	0.1
10°-20°	212.0	1.1
20°-30°	761.8	4.0
30°-40°	1770.2	9.2
40°-50°	3017.2	15.7
50°-60°	4971.6	25.9
60°-70°	5748.3	30.0
70°-80°	2469.6	12.9
80°-90°	213.4	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°	19182.1	100.0
0°-180°	19182.1	100.0



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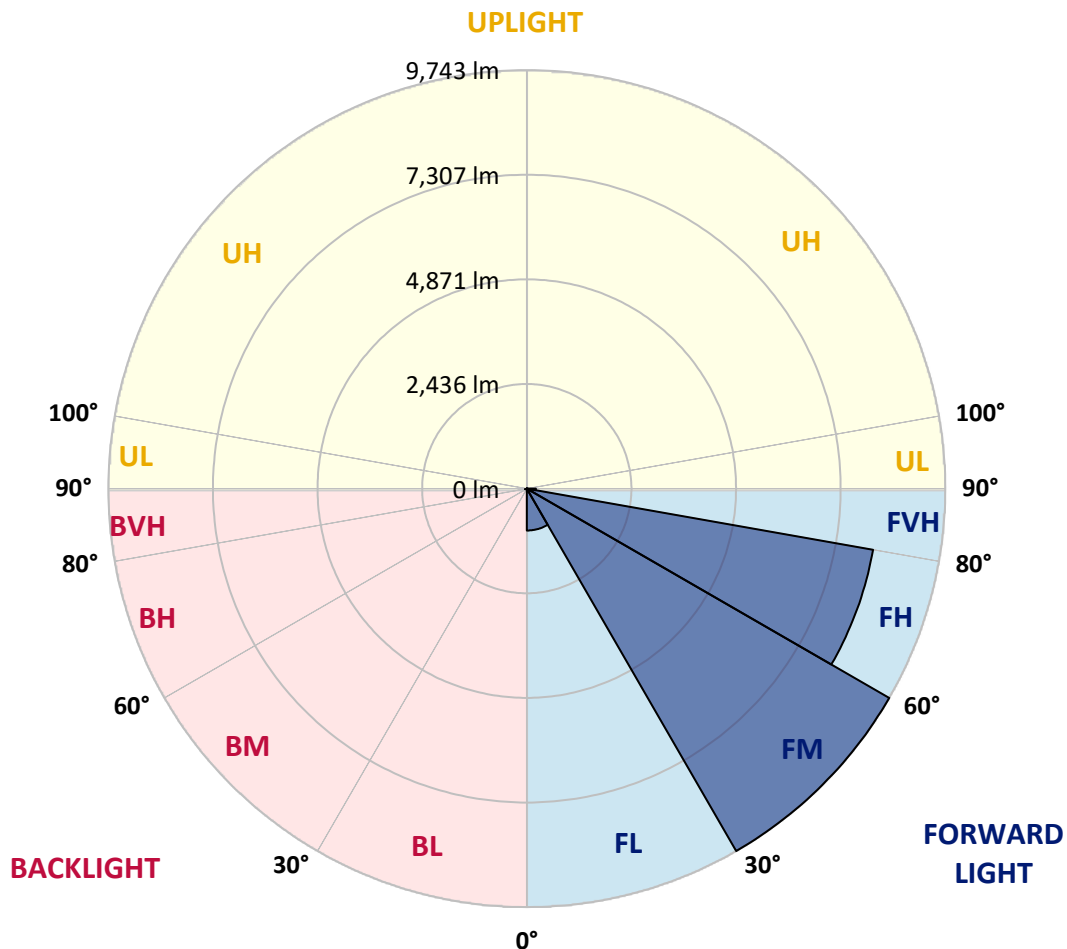
CATALOG NUMBER: NVN-SA4C-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	974.8	5.1			
FM	(30°-60°)	9742.6	50.8			
FH	(60°-80°)	8185.9	42.7			G4/12000
FVH	(80°-90°)	210.6	1.1			G2/225
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	16.5	0.1	B0/220		
BH	(60°-80°)	32.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.8	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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CATALOG NUMBER: NVN-SA4C-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2
2.5°	157.4	157.4	153.5	148.3	147.0	143.2	143.2	139.3	134.1	130.3	125.1
5°	228.3	227.0	216.7	203.8	187.0	176.7	176.7	162.5	149.6	138.0	127.7
7.5°	499.2	487.5	450.1	388.2	307.0	252.8	248.9	202.5	171.5	148.3	129.0
10°	1145.3	1105.4	1052.5	904.2	668.1	466.9	457.9	295.4	205.1	159.9	131.6
12.5°	1876.7	1908.9	1803.2	1569.7	1293.7	962.2	897.7	497.9	270.9	175.4	134.1
15°	2542.2	2534.5	2475.1	2284.2	1965.7	1524.6	1484.6	865.5	388.2	199.9	136.7
17.5°	3040.1	3031.0	2974.3	2851.8	2606.7	2165.6	2130.8	1380.1	608.8	234.7	139.3
20°	3565.0	3553.4	3473.5	3375.4	3161.3	2786.0	2744.7	1955.3	953.2	291.5	139.3
22.5°	4194.5	4172.5	4087.4	3921.0	3695.3	3369.0	3331.6	2543.5	1380.1	384.4	145.7
25°	4955.4	4918.0	4800.7	4651.0	4378.9	3945.5	3905.5	3198.7	1894.7	525.0	152.2
27.5°	5823.5	5829.9	5671.3	5418.5	5053.5	4611.1	4536.3	3785.6	2427.4	726.2	159.9
30°	6854.0	6789.5	6566.4	6272.3	5917.6	5354.0	5281.8	4369.9	3025.9	1022.8	172.8
32.5°	7818.8	7749.2	7448.6	7078.5	6698.0	6103.4	6044.0	5026.4	3570.2	1373.6	196.1
35°	8646.9	8597.9	8177.4	7725.9	7388.0	6856.6	6838.6	5759.0	4209.9	1751.6	221.8
37.5°	9375.6	9286.6	8746.2	8278.0	7934.9	7459.0	7420.3	6429.7	4826.5	2190.1	260.5
40°	9997.3	9948.3	9289.2	8674.0	8395.4	7969.7	7920.7	7017.8	5463.6	2699.6	308.3
42.5°	10662.8	10598.3	9958.6	9268.6	8755.2	8299.9	8267.7	7502.8	6031.1	3259.3	379.2
45°	11414.8	11294.8	10733.8	10114.7	9334.3	8641.7	8605.6	7934.9	6612.8	3860.4	465.6
47.5°	12218.3	12113.9	11659.9	11225.2	10327.5	9205.4	9128.0	8302.5	7190.7	4554.3	575.3
50°	13036.1	13038.7	12698.2	12489.2	11541.2	10121.1	10011.5	8842.9	7798.2	5297.2	737.8
52.5°	13988.0	14012.5	14007.3	13852.5	13117.3	11618.6	11471.5	9663.2	8503.7	6164.0	962.2
55°	14386.5	14430.4	14715.4	15058.5	14858.6	13517.2	13359.8	11078.2	9438.8	7130.1	1295.0
57.5°	14060.2	14109.2	14502.6	15103.6	15562.8	15179.7	15161.7	12920.0	10670.6	8301.2	1839.3
59°	13672.0	13665.5	14069.2	14706.4	15325.5	15574.4	15600.2	14166.0	11743.7	9122.8	2308.8
60°	13414.0	13419.2	13687.4	14341.4	14999.2	15431.3	15531.9	14899.9	12370.5	9713.5	2711.2
62.5°	12418.3	12477.6	12690.4	13297.9	13922.2	14404.6	14576.1	15553.8	14164.7	11109.1	4110.6
65°	11336.1	11340.0	11643.1	12162.9	12761.4	13100.6	13208.9	14536.1	15362.9	12530.5	5946.0
67.5°	9405.3	9484.0	9828.3	10670.6	11461.2	11890.7	11973.3	12653.0	14866.3	13456.6	6865.6
70°	6581.9	6685.1	7176.5	8269.0	9446.6	10152.1	10146.9	10518.4	13083.8	13043.8	5820.9
72.5°	3286.4	3464.4	3865.6	5035.4	6461.9	7569.9	7803.3	8461.1	10510.6	10834.4	4342.8
75°	1452.3	1462.6	1690.9	2280.4	3211.6	4618.8	4827.8	6716.0	8063.9	7529.9	3136.8
77.5°	844.8	852.6	893.8	1024.1	1301.4	2263.6	2498.4	4404.7	5698.4	4376.3	2045.6
80°	307.0	314.7	313.4	388.2	570.1	891.3	993.2	2134.6	3801.1	2304.9	1071.8
82.5°	188.3	188.3	181.9	183.2	207.7	341.8	374.0	909.3	1850.9	1135.0	307.0
85°	92.9	98.0	104.5	117.4	139.3	169.0	179.3	260.5	623.0	274.7	73.5
87.5°	55.5	56.8	61.9	74.8	92.9	121.2	129.0	176.7	223.1	184.4	18.1
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2
2.5°	122.5	121.2	114.8	109.6	104.5	99.3	95.4	91.6	91.6	92.9	91.6
5°	122.5	117.4	107.1	98.0	90.3	83.8	77.4	72.2	70.9	70.9	72.2
7.5°	121.2	114.8	100.6	89.0	78.7	69.6	63.2	56.8	55.5	56.8	55.5
10°	120.0	112.2	95.4	81.3	67.1	58.0	49.0	42.6	42.6	42.6	43.9
12.5°	120.0	108.3	90.3	73.5	58.0	47.7	38.7	32.2	31.0	31.0	31.0
15°	118.7	105.8	85.1	64.5	49.0	36.1	28.4	21.9	21.9	21.9	21.9
17.5°	116.1	101.9	78.7	56.8	38.7	27.1	19.3	12.9	12.9	15.5	15.5
20°	113.5	98.0	70.9	46.4	32.2	20.6	12.9	7.7	7.7	11.6	12.9
22.5°	114.8	98.0	65.8	41.3	25.8	15.5	10.3	6.4	5.2	9.0	11.6
25°	116.1	95.4	59.3	36.1	19.3	11.6	7.7	2.6	1.3	2.6	3.9
27.5°	116.1	92.9	51.6	28.4	14.2	9.0	3.9	0.0	0.0	0.0	0.0
30°	114.8	89.0	45.1	23.2	10.3	5.2	1.3	0.0	0.0	0.0	0.0
32.5°	113.5	85.1	41.3	18.1	9.0	2.6	0.0	0.0	0.0	0.0	0.0
35°	114.8	80.0	36.1	14.2	5.2	0.0	0.0	0.0	0.0	0.0	2.6
37.5°	118.7	74.8	31.0	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	123.8	70.9	25.8	9.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	134.1	70.9	23.2	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	147.0	70.9	19.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	163.8	72.2	16.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	184.4	74.8	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	199.9	72.2	14.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	227.0	69.6	12.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	263.1	65.8	12.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	299.2	60.6	12.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	340.5	58.0	11.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	562.4	51.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1086.0	49.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1755.4	49.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1845.7	49.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1227.9	40.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	657.8	36.1	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	354.7	33.5	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	156.1	24.5	6.4	3.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	61.9	16.8	7.7	6.4	5.2	2.6	0.0	0.0	0.0	0.0	0.0
85°	29.7	12.9	10.3	9.0	6.4	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.2	12.9	11.6	10.3	9.0	6.4	1.3	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

REPORT NUMBER: SP1-2407-184-3

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



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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_{fi})

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)