

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: P1065774

Luminaire Tested: **NVN-SA5B-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065774
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA5B-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19384.4 lumens
Efficiency: N/A
Efficacy: 108.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 178.8
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

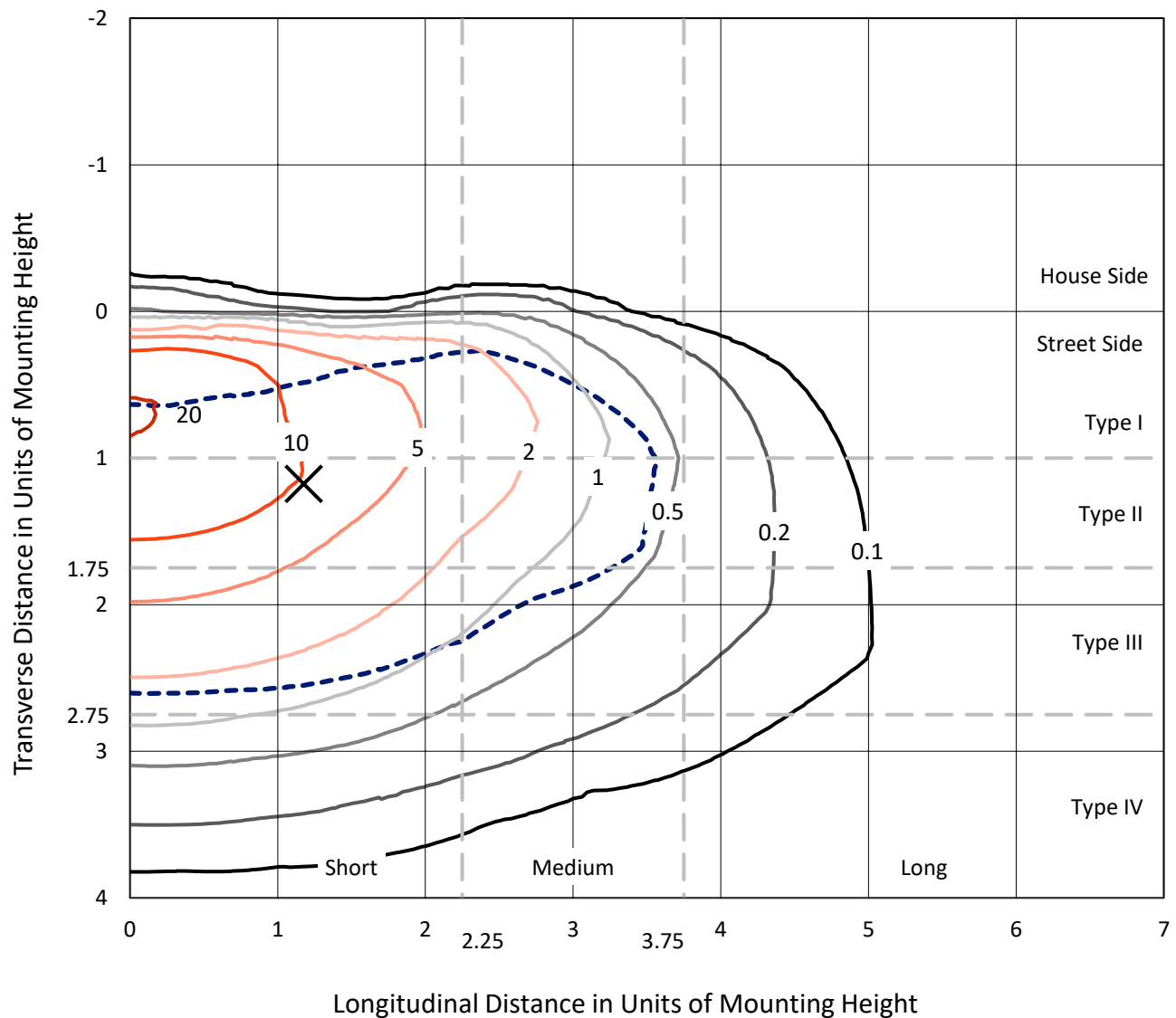


REPORT NUMBER: P1065774

CATALOG NUMBER: NVN-SA5B-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

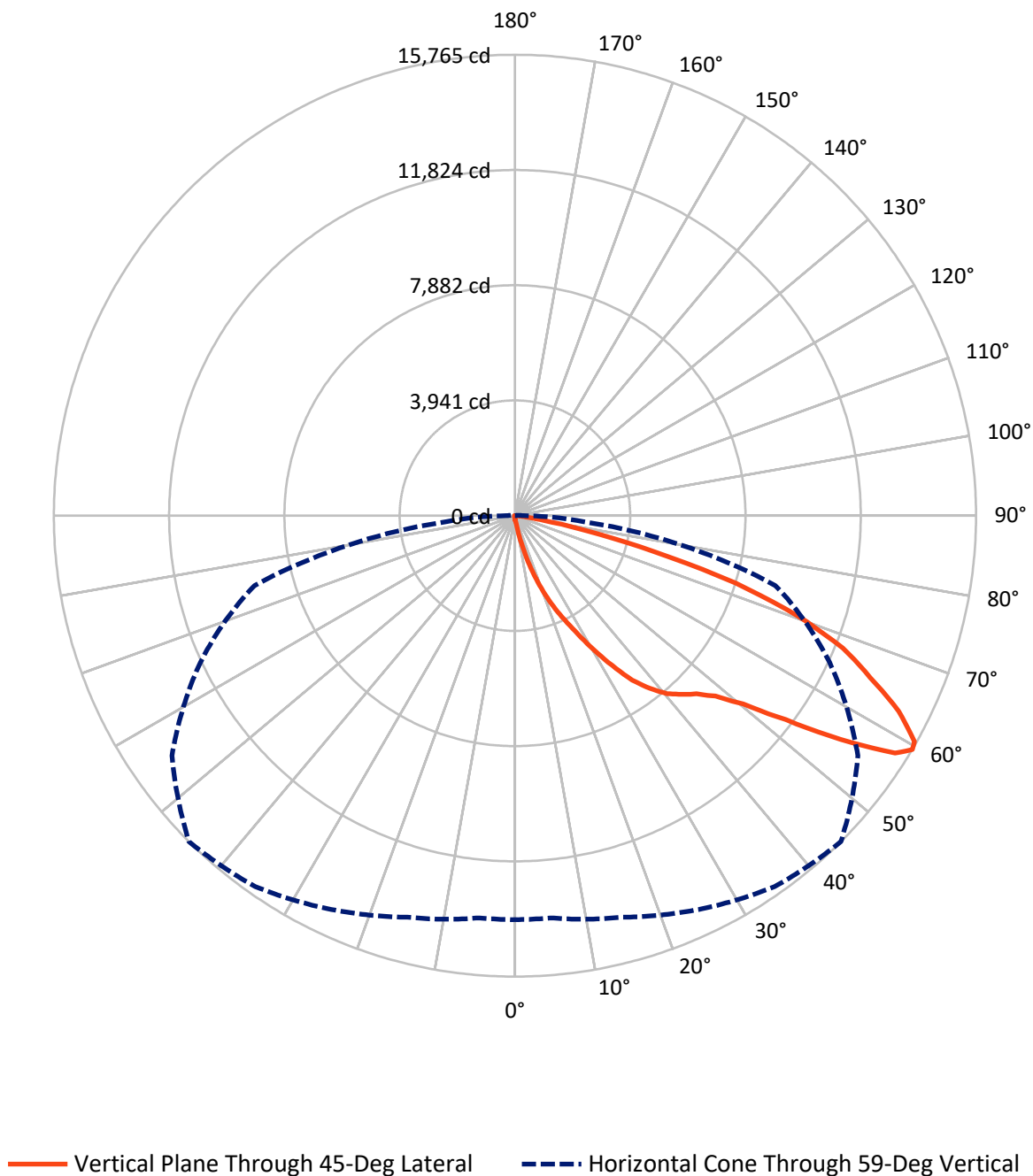


Based on 15 foot mounting height. Maximum calculated value = 21.1 fc
 Type III - Short - N/A

REPORT NUMBER: P1065774

CATALOG NUMBER: NVN-SA5B-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1065774

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	68.8	0.0	68.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19315.6	0.0	19315.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	19384.4	0.0	19384.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.0	0.1
10°-20°	214.2	1.1
20°-30°	769.8	4.0
30°-40°	1788.9	9.2
40°-50°	3049.1	15.7
50°-60°	5024.0	25.9
60°-70°	5808.9	30.0
70°-80°	2495.7	12.9
80°-90°	215.7	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°	19384.4	100.0
0°-180°	19384.4	100.0



REPORT NUMBER: P1065774

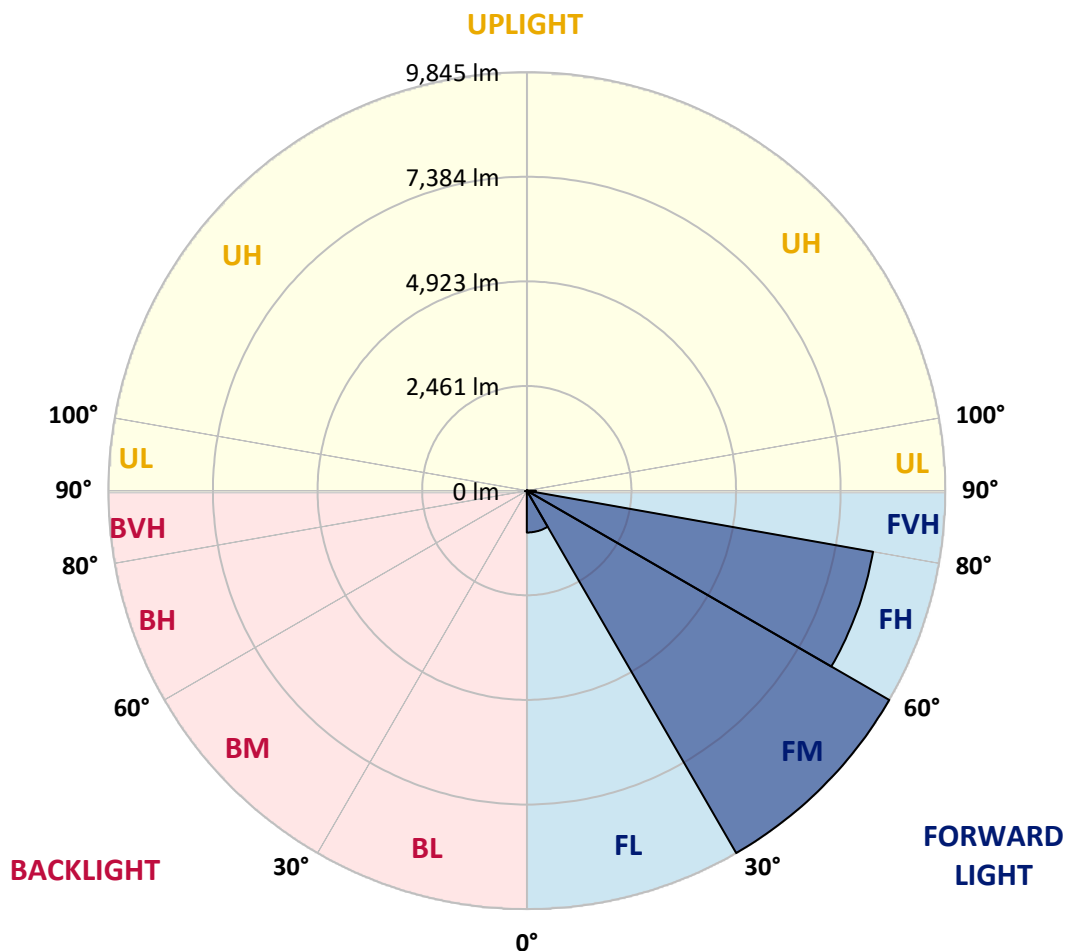
CATALOG NUMBER: NVN-SA5B-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	985.1	5.1			
FM	(30°-60°)	9845.4	50.8			
FH	(60°-80°)	8272.2	42.7			G4/12000
FVH	(80°-90°)	212.9	1.1			G2/225
BL	(0°-30°)	17.0	0.1	B0/110		
BM	(30°-60°)	16.6	0.1	B0/220		
BH	(60°-80°)	32.4	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





REPORT NUMBER: P1065774

CATALOG NUMBER: NVN-SA5B-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	159.0	159.0	155.1	149.9	148.6	144.7	144.7	140.8	135.6	131.6	126.4
5°	230.7	229.4	219.0	205.9	189.0	178.6	178.6	164.2	151.2	139.5	129.0
7.5°	504.4	492.7	454.9	392.3	310.2	255.5	251.6	204.6	173.4	149.9	130.3
10°	1157.4	1117.0	1063.6	913.7	675.2	471.8	462.7	298.5	207.2	161.6	132.9
12.5°	1896.5	1929.0	1822.2	1586.3	1307.3	972.3	907.2	503.1	273.7	177.3	135.6
15°	2569.0	2561.2	2501.2	2308.3	1986.4	1540.6	1500.2	874.6	392.3	202.0	138.2
17.5°	3072.1	3063.0	3005.7	2881.8	2634.2	2188.4	2153.2	1394.7	615.2	237.2	140.8
20°	3602.6	3590.9	3510.1	3411.0	3194.7	2815.4	2773.7	1976.0	963.2	294.6	140.8
22.5°	4238.7	4216.5	4130.5	3962.4	3734.3	3404.5	3366.7	2570.3	1394.7	388.4	147.3
25°	5007.7	4969.9	4851.3	4700.1	4425.1	3987.1	3946.7	3232.5	1914.7	530.5	153.8
27.5°	5884.9	5891.4	5731.1	5475.6	5106.8	4659.7	4584.1	3825.5	2453.0	733.8	161.6
30°	6926.3	6861.2	6635.7	6338.5	5980.1	5410.5	5337.5	4416.0	3057.8	1033.6	174.7
32.5°	7901.3	7830.9	7527.2	7153.1	6768.6	6167.7	6107.8	5079.4	3607.8	1388.1	198.1
35°	8738.1	8688.5	8263.6	7807.4	7465.9	6928.9	6910.7	5819.7	4254.3	1770.0	224.2
37.5°	9474.5	9384.6	8838.4	8365.3	8018.6	7537.6	7498.5	6497.5	4877.4	2213.2	263.3
40°	10102.7	10053.2	9387.2	8765.4	8483.9	8053.8	8004.2	7091.9	5521.3	2728.0	311.5
42.5°	10775.3	10710.1	10063.6	9366.3	8847.6	8387.5	8354.9	7581.9	6094.8	3293.7	383.2
45°	11535.2	11414.0	10847.0	10221.4	9432.8	8732.9	8696.4	8018.6	6682.6	3901.1	470.5
47.5°	12347.2	12241.6	11782.8	11343.6	10436.4	9302.4	9224.2	8390.1	7266.5	4602.3	581.3
50°	13173.6	13176.2	12832.1	12620.9	11662.9	10227.9	10117.1	8936.2	7880.4	5353.1	745.6
52.5°	14135.5	14160.3	14155.0	13998.6	13255.7	11741.1	11592.5	9765.2	8593.4	6229.0	972.3
55°	14538.2	14582.6	14870.6	15217.3	15015.3	13659.7	13500.7	11195.0	9538.4	7205.3	1308.6
57.5°	14208.5	14258.0	14655.6	15262.9	15727.0	15339.8	15321.6	13056.3	10783.1	8388.8	1858.7
59°	13816.2	13809.6	14217.6	14861.5	15487.1	15738.7	15764.8	14315.4	11867.6	9219.0	2333.1
60°	13555.5	13560.7	13831.8	14492.6	15157.4	15594.0	15695.7	15057.0	12501.0	9816.0	2739.8
62.5°	12549.2	12609.2	12824.3	13438.2	14069.0	14556.5	14729.9	15717.8	14314.1	11226.3	4154.0
65°	11455.7	11459.6	11765.9	12291.2	12896.0	13238.7	13348.2	14689.4	15524.9	12662.6	6008.7
67.5°	9504.5	9584.0	9932.0	10783.1	11582.1	12016.1	12099.6	12786.5	15023.1	13598.5	6938.1
70°	6651.3	6755.6	7252.2	8356.2	9546.2	10259.1	10253.9	10629.3	13221.8	13181.4	5882.3
72.5°	3321.1	3501.0	3906.3	5088.5	6530.1	7649.7	7885.6	8550.4	10621.5	10948.7	4388.6
75°	1467.6	1478.1	1708.8	2304.4	3245.5	4667.5	4878.7	6786.9	8148.9	7609.3	3169.9
77.5°	853.7	861.6	903.3	1034.9	1315.1	2287.5	2524.7	4451.1	5758.5	4422.5	2067.2
80°	310.2	318.0	316.7	392.3	576.1	900.7	1003.6	2157.1	3841.2	2329.2	1083.1
82.5°	190.3	190.3	183.8	185.1	209.8	345.4	378.0	918.9	1870.4	1147.0	310.2
85°	93.8	99.1	105.6	118.6	140.8	170.7	181.2	263.3	629.5	277.6	74.3
87.5°	56.0	57.4	62.6	75.6	93.8	122.5	130.3	178.6	225.5	186.4	18.2
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1065774

CATALOG NUMBER: NVN-SA5B-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5	122.5
2.5°	123.8	122.5	116.0	110.8	105.6	100.4	96.5	92.5	92.5	93.8	92.5
5°	123.8	118.6	108.2	99.1	91.2	84.7	78.2	73.0	71.7	71.7	73.0
7.5°	122.5	116.0	101.7	89.9	79.5	70.4	63.9	57.4	56.0	57.4	56.0
10°	121.2	113.4	96.5	82.1	67.8	58.7	49.5	43.0	43.0	43.0	44.3
12.5°	121.2	109.5	91.2	74.3	58.7	48.2	39.1	32.6	31.3	31.3	31.3
15°	119.9	106.9	86.0	65.2	49.5	36.5	28.7	22.2	22.2	22.2	22.2
17.5°	117.3	103.0	79.5	57.4	39.1	27.4	19.6	13.0	13.0	15.6	15.6
20°	114.7	99.1	71.7	46.9	32.6	20.9	13.0	7.8	7.8	11.7	13.0
22.5°	116.0	99.1	66.5	41.7	26.1	15.6	10.4	6.5	5.2	9.1	11.7
25°	117.3	96.5	60.0	36.5	19.6	11.7	7.8	2.6	1.3	2.6	3.9
27.5°	117.3	93.8	52.1	28.7	14.3	9.1	3.9	0.0	0.0	0.0	0.0
30°	116.0	89.9	45.6	23.5	10.4	5.2	1.3	0.0	0.0	0.0	0.0
32.5°	114.7	86.0	41.7	18.2	9.1	2.6	0.0	0.0	0.0	0.0	0.0
35°	116.0	80.8	36.5	14.3	5.2	0.0	0.0	0.0	0.0	0.0	2.6
37.5°	119.9	75.6	31.3	11.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	125.1	71.7	26.1	9.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	135.6	71.7	23.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	148.6	71.7	19.6	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	165.5	73.0	16.9	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	186.4	75.6	15.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	202.0	73.0	14.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	229.4	70.4	13.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	265.9	66.5	13.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	302.4	61.3	13.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	344.1	58.7	11.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	568.3	52.1	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1097.5	49.5	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1773.9	49.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1865.2	49.5	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1240.8	40.4	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	664.7	36.5	3.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	358.4	33.9	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	157.7	24.8	6.5	3.9	2.6	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	62.6	16.9	7.8	6.5	5.2	2.6	0.0	0.0	0.0	0.0	0.0
85°	30.0	13.0	10.4	9.1	6.5	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	14.3	13.0	11.7	10.4	9.1	6.5	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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

REPORT NUMBER: SP1-2407-184-3

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

REPORT NUMBER: SP1-2407-184-3

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	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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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)