

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: P1065769

Luminaire Tested: **NVN-SA4A-727-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1065769
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA4A-727-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 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: 12357.8 lumens
Efficiency: N/A
Efficacy: 115.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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



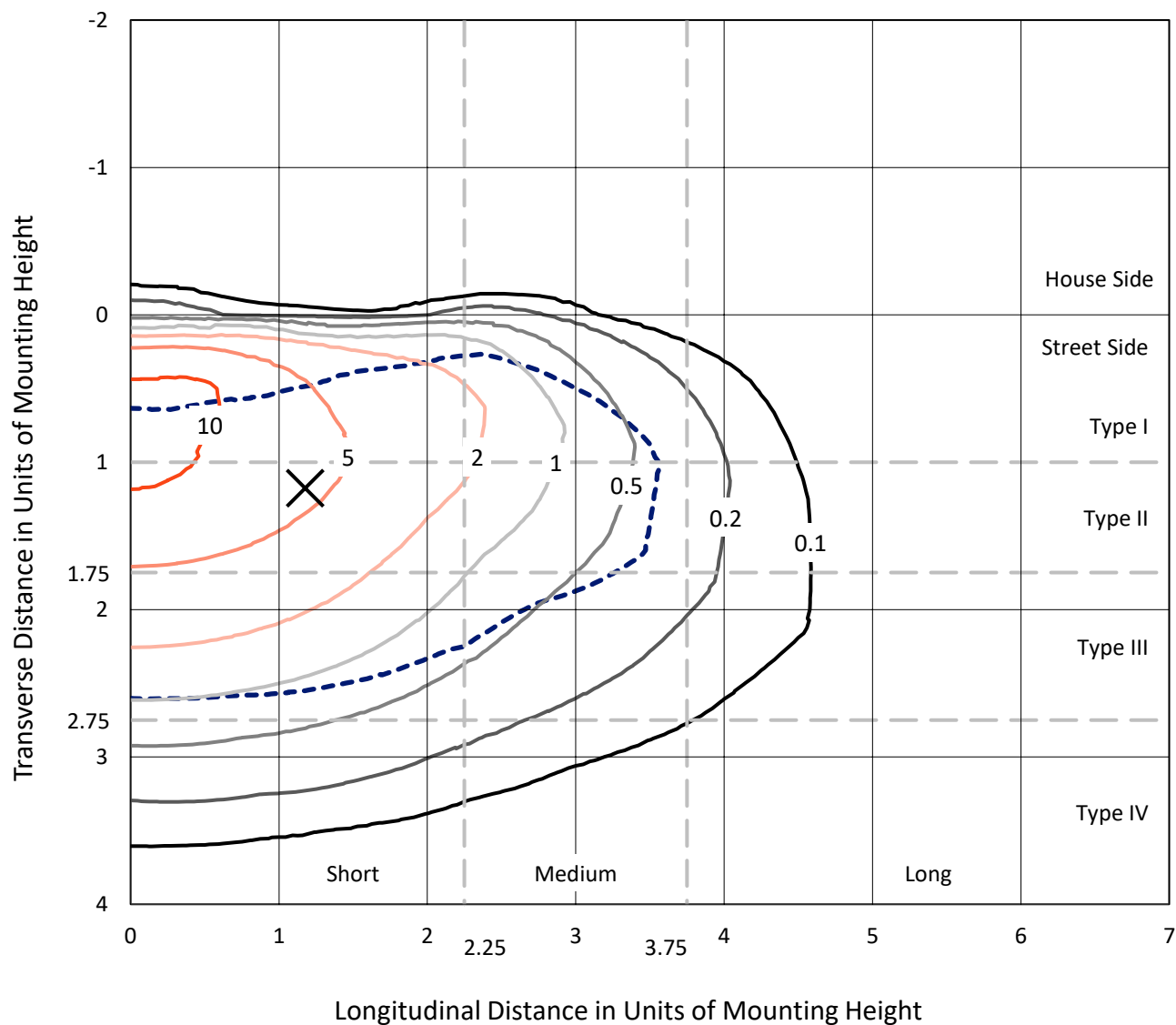
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

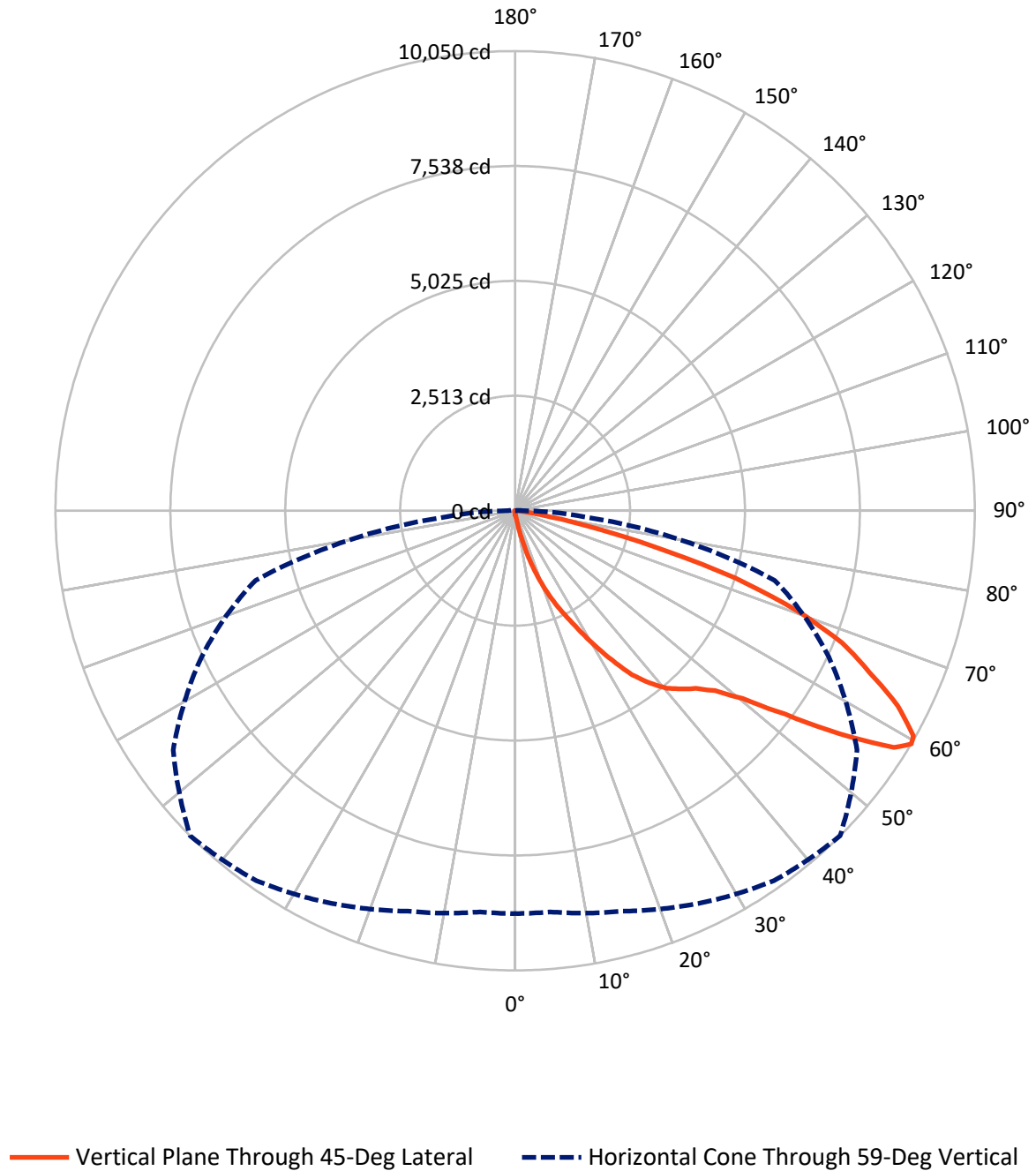


Based on 15 foot mounting height. Maximum calculated value = 13.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	43.9	0.0	43.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	12313.9	0.0	12313.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	12357.8	0.0	12357.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	0.1
10°-20°	136.6	1.1
20°-30°	490.8	4.0
30°-40°	1140.4	9.2
40°-50°	1943.8	15.7
50°-60°	3202.9	25.9
60°-70°	3703.2	30.0
70°-80°	1591.0	12.9
80°-90°	137.5	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°	12357.8	100.0
0°-180°	12357.8	100.0



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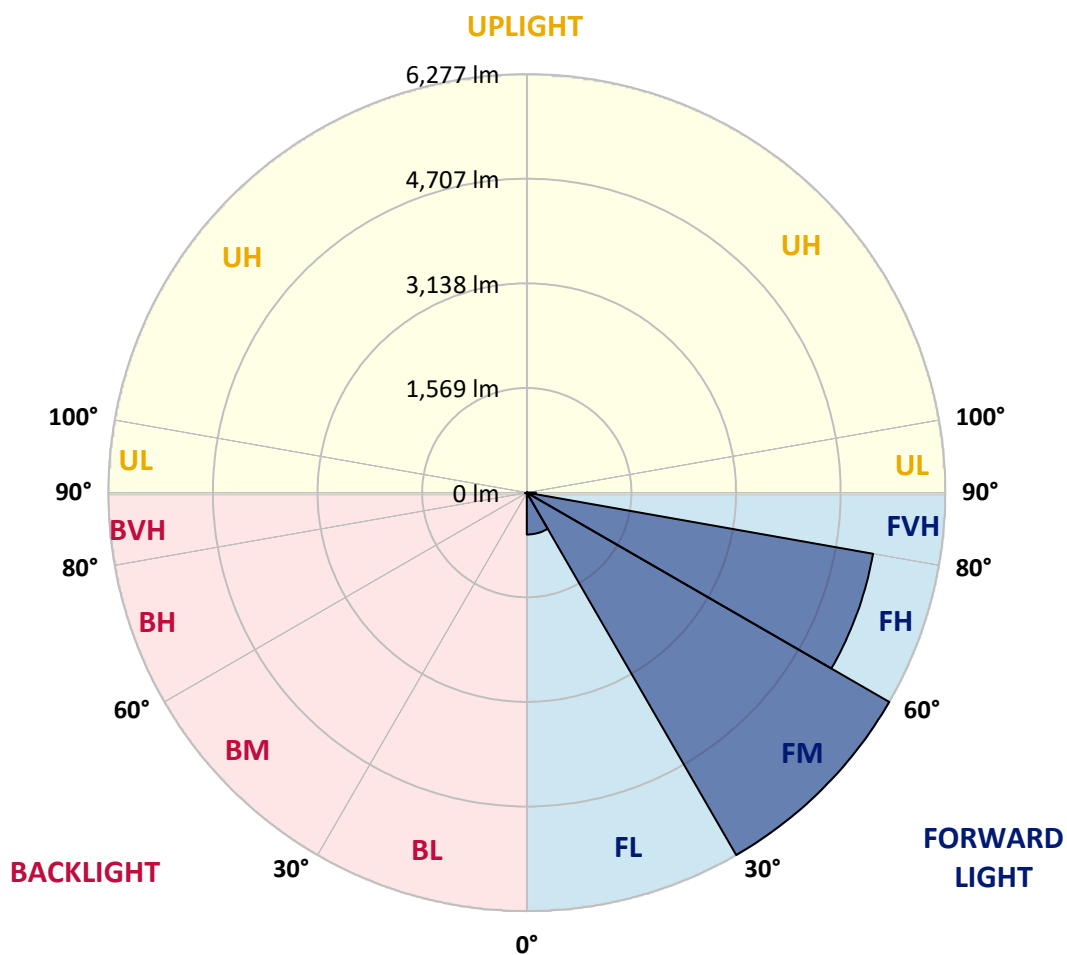
CATALOG NUMBER: NVN-SA4A-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	628.0	5.1			
FM	(30°-60°)	6276.5	50.8			
FH	(60°-80°)	5273.6	42.7			G3/7500
FVH	(80°-90°)	135.7	1.1			G2/225
BL	(0°-30°)	10.8	0.1	B0/110		
BM	(30°-60°)	10.6	0.1	B0/220		
BH	(60°-80°)	20.6	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G3

Type III Short



REPORT NUMBER: P1065769

CATALOG NUMBER: NVN-SA4A-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
2.5°	101.4	101.4	98.9	95.6	94.7	92.2	92.2	89.7	86.4	83.9	80.6
5°	147.1	146.2	139.6	131.3	120.5	113.8	113.8	104.7	96.4	88.9	82.3
7.5°	321.6	314.1	290.0	250.1	197.8	162.9	160.4	130.5	110.5	95.6	83.1
10°	737.9	712.1	678.0	582.5	430.4	300.8	295.0	190.3	132.1	103.0	84.8
12.5°	1209.0	1229.8	1161.7	1011.3	833.4	619.9	578.3	320.7	174.5	113.0	86.4
15°	1637.8	1632.8	1594.6	1471.6	1266.4	982.2	956.4	557.6	250.1	128.8	88.1
17.5°	1958.5	1952.7	1916.1	1837.2	1679.3	1395.1	1372.7	889.1	392.2	151.2	89.7
20°	2296.7	2289.2	2237.7	2174.6	2036.6	1794.8	1768.2	1259.7	614.1	187.8	89.7
22.5°	2702.2	2688.1	2633.3	2526.1	2380.6	2170.4	2146.3	1638.6	889.1	247.6	93.9
25°	3192.5	3168.4	3092.8	2996.4	2821.0	2541.8	2516.1	2060.7	1220.7	338.2	98.1
27.5°	3751.7	3755.9	3653.6	3490.8	3255.6	2970.6	2922.4	2438.8	1563.8	467.8	103.0
30°	4415.6	4374.1	4230.3	4040.9	3812.4	3449.2	3402.7	2815.2	1949.4	658.9	111.3
32.5°	5037.2	4992.3	4798.7	4560.2	4315.1	3932.0	3893.8	3238.2	2300.0	885.0	126.3
35°	5570.6	5539.1	5268.2	4977.3	4759.6	4417.3	4405.6	3710.2	2712.2	1128.4	142.9
37.5°	6040.1	5982.8	5634.6	5333.0	5111.9	4805.3	4780.4	4142.2	3109.4	1410.9	167.9
40°	6440.6	6409.0	5984.4	5588.1	5408.6	5134.4	5102.8	4521.1	3519.9	1739.2	198.6
42.5°	6869.4	6827.8	6415.7	5971.1	5640.4	5347.1	5326.3	4833.6	3885.5	2099.8	244.3
45°	7353.8	7276.5	6915.1	6516.2	6013.5	5567.3	5544.0	5111.9	4260.2	2487.0	300.0
47.5°	7871.5	7804.2	7511.7	7231.7	6653.3	5930.4	5880.6	5348.8	4632.5	2934.1	370.6
50°	8398.3	8400.0	8180.6	8046.0	7435.3	6520.4	6449.8	5696.9	5023.9	3412.7	475.3
52.5°	9011.6	9027.3	9024.0	8924.3	8450.7	7485.1	7390.4	6225.4	5478.4	3971.1	619.9
55°	9268.3	9296.6	9480.2	9701.2	9572.4	8708.3	8606.9	7137.0	6080.8	4593.4	834.3
57.5°	9058.1	9089.7	9343.1	9730.3	10026.1	9779.3	9767.7	8323.5	6874.4	5347.9	1184.9
59°	8808.0	8803.8	9063.9	9474.4	9873.2	10033.6	10050.2	9126.2	7565.7	5877.2	1487.4
60°	8641.8	8645.1	8817.9	9239.2	9663.0	9941.4	10006.2	9599.0	7969.6	6257.8	1746.6
62.5°	8000.3	8038.5	8175.6	8567.0	8969.2	9279.9	9390.5	10020.3	9125.4	7156.9	2648.2
65°	7303.1	7305.6	7500.9	7835.8	8221.3	8439.9	8509.7	9364.7	9897.3	8072.6	3830.6
67.5°	6059.2	6109.9	6331.8	6874.4	7383.7	7660.4	7713.6	8151.5	9577.4	8669.2	4423.1
70°	4240.3	4306.8	4623.4	5327.2	6085.8	6540.3	6537.0	6776.3	8429.1	8403.3	3750.0
72.5°	2117.2	2231.9	2490.3	3244.0	4163.0	4876.8	5027.2	5451.0	6771.3	6979.9	2797.8
75°	935.6	942.3	1089.4	1469.1	2069.0	2975.6	3110.2	4326.7	5195.0	4851.0	2020.8
77.5°	544.3	549.3	575.8	659.8	838.4	1458.3	1609.5	2837.7	3671.1	2819.4	1317.9
80°	197.8	202.7	201.9	250.1	367.3	574.2	639.8	1375.2	2448.8	1484.9	690.5
82.5°	121.3	121.3	117.2	118.0	133.8	220.2	241.0	585.8	1192.4	731.2	197.8
85°	59.8	63.2	67.3	75.6	89.7	108.9	115.5	167.9	401.3	177.0	47.4
87.5°	35.7	36.6	39.9	48.2	59.8	78.1	83.1	113.8	143.8	118.8	11.6
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-SA4A-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
2.5°	78.9	78.1	74.0	70.6	67.3	64.0	61.5	59.0	59.0	59.8	59.0
5°	78.9	75.6	69.0	63.2	58.2	54.0	49.9	46.5	45.7	45.7	46.5
7.5°	78.1	74.0	64.8	57.3	50.7	44.9	40.7	36.6	35.7	36.6	35.7
10°	77.3	72.3	61.5	52.3	43.2	37.4	31.6	27.4	27.4	27.4	28.3
12.5°	77.3	69.8	58.2	47.4	37.4	30.7	24.9	20.8	19.9	19.9	19.9
15°	76.4	68.1	54.8	41.5	31.6	23.3	18.3	14.1	14.1	14.1	14.1
17.5°	74.8	65.6	50.7	36.6	24.9	17.4	12.5	8.3	8.3	10.0	10.0
20°	73.1	63.2	45.7	29.9	20.8	13.3	8.3	5.0	5.0	7.5	8.3
22.5°	74.0	63.2	42.4	26.6	16.6	10.0	6.6	4.2	3.3	5.8	7.5
25°	74.8	61.5	38.2	23.3	12.5	7.5	5.0	1.7	0.8	1.7	2.5
27.5°	74.8	59.8	33.2	18.3	9.1	5.8	2.5	0.0	0.0	0.0	0.0
30°	74.0	57.3	29.1	15.0	6.6	3.3	0.8	0.0	0.0	0.0	0.0
32.5°	73.1	54.8	26.6	11.6	5.8	1.7	0.0	0.0	0.0	0.0	0.0
35°	74.0	51.5	23.3	9.1	3.3	0.0	0.0	0.0	0.0	0.0	1.7
37.5°	76.4	48.2	19.9	7.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
40°	79.8	45.7	16.6	5.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	86.4	45.7	15.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	94.7	45.7	12.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	105.5	46.5	10.8	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	118.8	48.2	10.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	128.8	46.5	9.1	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	146.2	44.9	8.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	169.5	42.4	8.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	192.8	39.1	8.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	219.4	37.4	7.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	362.3	33.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	699.7	31.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1130.9	31.6	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1189.1	31.6	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	791.1	25.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	423.8	23.3	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	228.5	21.6	3.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	100.5	15.8	4.2	2.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	39.9	10.8	5.0	4.2	3.3	1.7	0.0	0.0	0.0	0.0	0.0
85°	19.1	8.3	6.6	5.8	4.2	2.5	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	8.3	7.5	6.6	5.8	4.2	0.8	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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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			

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Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.02

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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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)