

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: P1066293

Luminaire Tested: **NVN-SA3A-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1066293
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: NVN-SA3A-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9959.4 lumens
Efficiency: N/A
Efficacy: 121.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 82
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

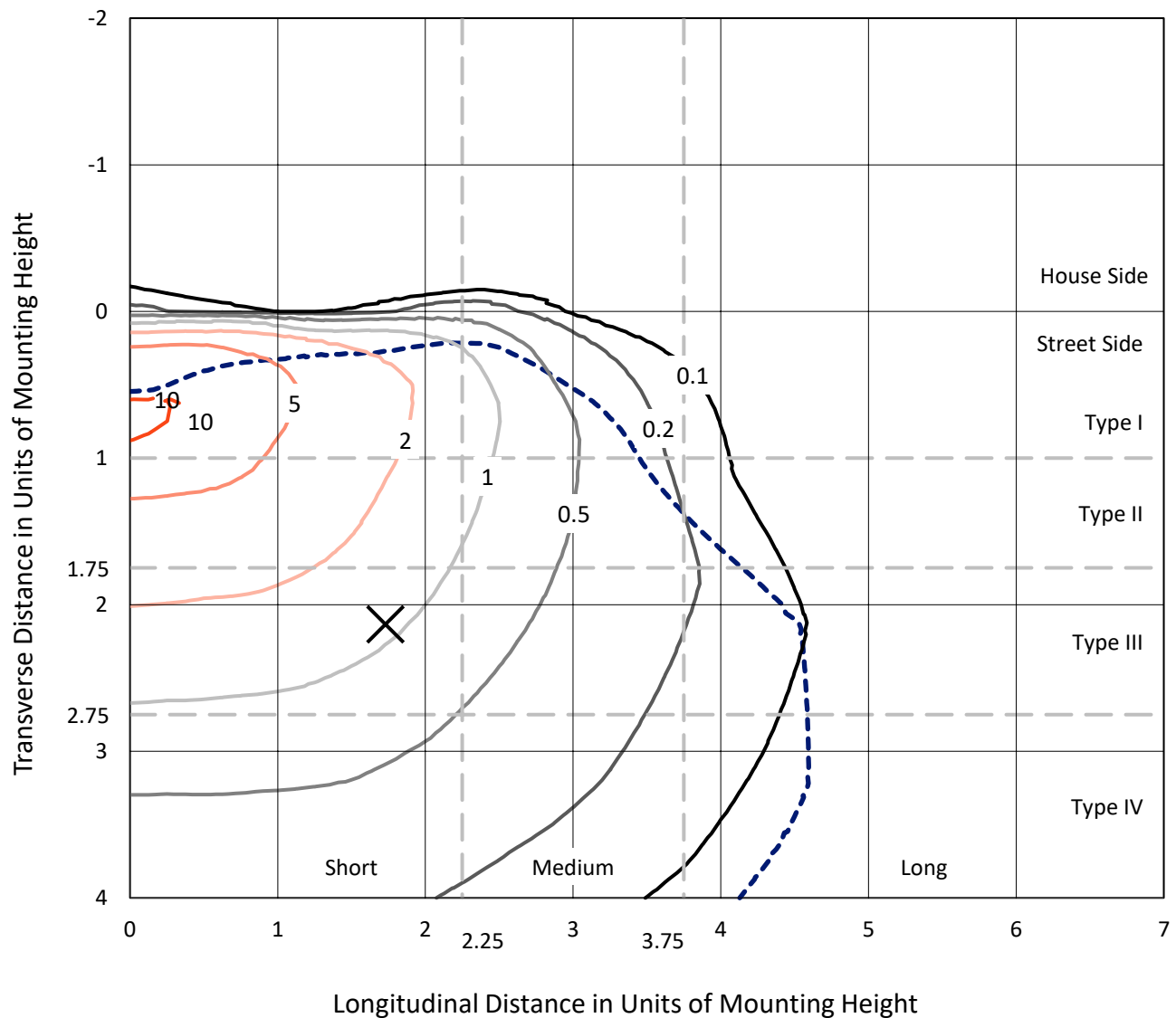


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

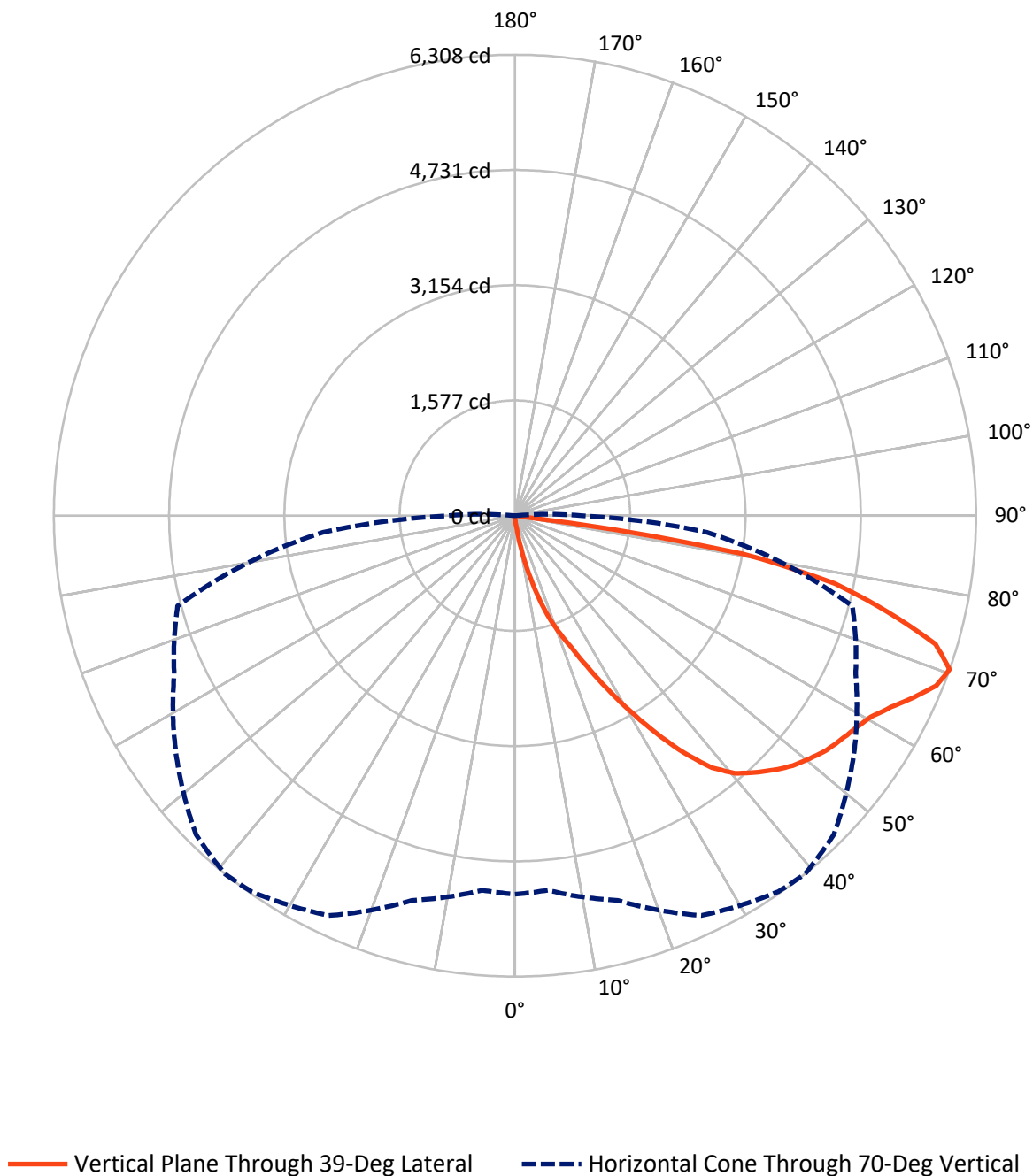


Based on 15 foot mounting height. Maximum calculated value = 10.9 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.7	0.0	30.7
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	9928.7	0.0	9928.7
	% Fixture	99.7	0.0	99.7
Total	Lumens	9959.4	0.0	9959.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.5	0.1
10°-20°	122.4	1.2
20°-30°	415.5	4.2
30°-40°	976.5	9.8
40°-50°	1585.6	15.9
50°-60°	2009.3	20.2
60°-70°	2552.3	25.6
70°-80°	2073.8	20.8
80°-90°	213.5	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°	9959.4	100.0
0°-180°	9959.4	100.0



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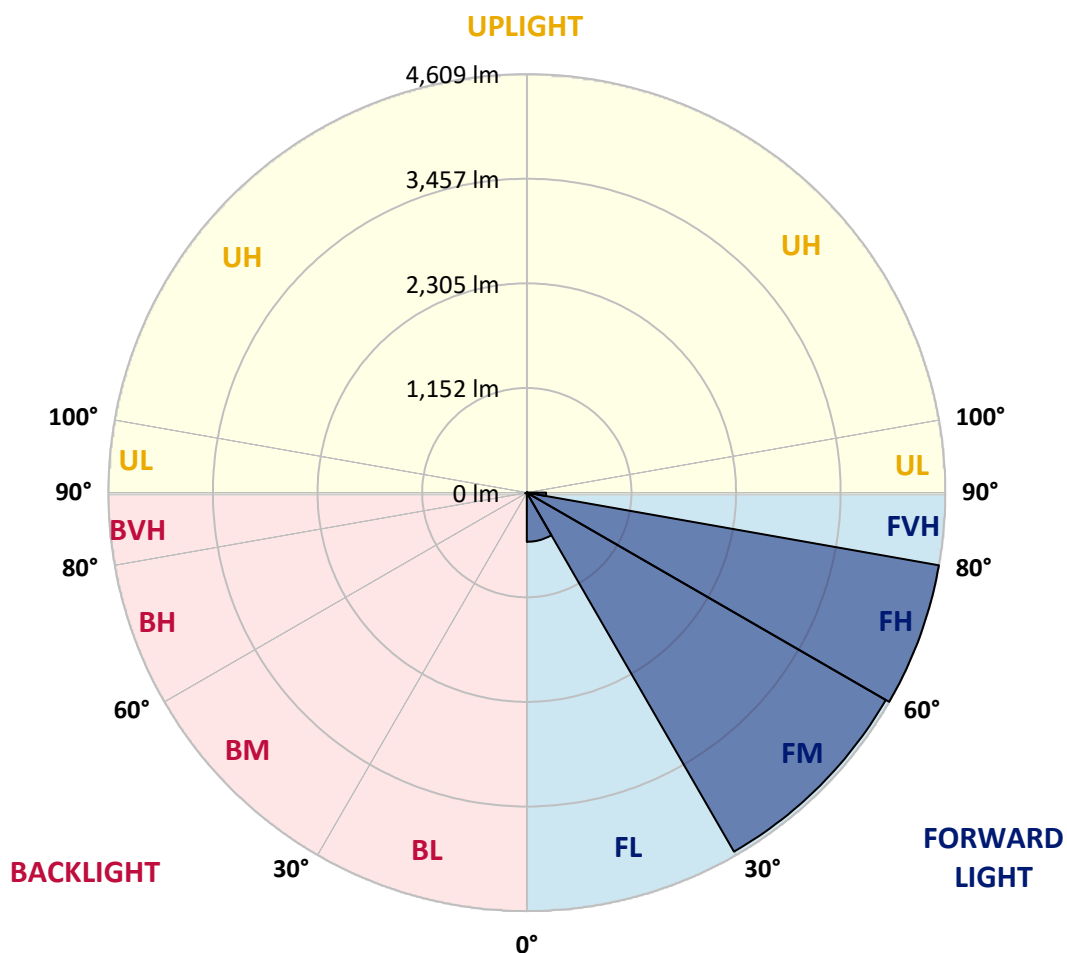
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	541.8	5.4			
FM	(30°-60°)	4565.5	45.8			
FH	(60°-80°)	4609.2	46.3			G2/5000
FVH	(80°-90°)	212.3	2.1			G2/225
BL	(0°-30°)	6.6	0.1	B0/110		
BM	(30°-60°)	5.9	0.1	B0/220		
BH	(60°-80°)	16.9	0.2	B0/110		G0/110
BVH	(80°-90°)	1.3	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-G2

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
2.5°	70.3	70.3	70.3	67.6	67.6	64.9	64.9	62.2	59.5	59.5	56.8
5°	132.5	135.2	127.1	110.9	100.0	94.6	89.2	75.7	67.6	62.2	56.8
7.5°	362.3	351.5	335.3	281.2	216.3	183.9	156.8	110.9	81.1	64.9	56.8
10°	762.5	732.8	686.8	613.8	486.7	435.3	338.0	202.8	113.6	73.0	56.8
12.5°	1119.4	1124.8	1068.1	997.8	843.6	757.1	624.6	381.3	178.5	86.5	56.8
15°	1389.8	1384.4	1362.8	1306.0	1168.1	1084.3	965.3	640.8	300.1	108.2	59.5
17.5°	1603.4	1581.8	1573.7	1549.4	1460.1	1414.2	1284.4	943.7	475.9	146.0	62.2
20°	1817.0	1811.6	1803.5	1776.5	1717.0	1684.6	1584.5	1249.2	708.4	208.2	67.6
22.5°	2128.0	2098.3	2103.7	2044.2	1995.5	1938.7	1857.6	1573.7	976.1	297.4	75.7
25°	2493.0	2490.3	2447.1	2420.0	2338.9	2276.7	2168.6	1887.3	1273.6	429.9	83.8
27.5°	2923.0	2893.2	2874.3	2828.3	2744.5	2674.2	2525.5	2198.3	1595.3	578.6	94.6
30°	3371.8	3371.8	3336.7	3266.4	3185.2	3098.7	2947.3	2525.5	1914.4	767.9	108.2
32.5°	3896.4	3907.2	3820.7	3715.2	3609.8	3550.3	3352.9	2895.9	2219.9	984.2	124.4
35°	4404.7	4391.2	4247.9	4131.6	4053.2	3988.3	3820.7	3301.5	2566.0	1235.7	146.0
37.5°	4891.4	4856.3	4618.3	4453.4	4418.2	4375.0	4207.3	3707.1	2909.4	1514.2	173.1
40°	5240.2	5186.1	4940.1	4713.0	4661.6	4637.2	4507.5	4074.8	3271.8	1825.2	208.2
42.5°	5391.6	5329.5	5159.1	4975.2	4861.7	4804.9	4691.3	4375.0	3634.1	2171.3	259.6
45°	5421.4	5372.7	5251.0	5207.8	5053.7	4967.1	4813.0	4588.6	3972.1	2514.7	329.9
47.5°	5313.2	5291.6	5218.6	5310.5	5232.1	5113.1	4926.6	4748.1	4272.2	2931.1	427.2
50°	5048.2	5032.0	5067.2	5307.8	5361.9	5226.7	5050.9	4872.5	4531.8	3361.0	565.1
52.5°	4691.3	4688.6	4853.6	5237.5	5418.7	5334.9	5172.6	4996.9	4737.3	3777.4	759.8
55°	4302.0	4347.9	4637.2	5172.6	5451.1	5413.3	5291.6	5107.7	4921.2	4164.1	1073.5
57.5°	4269.5	4250.6	4529.1	5145.6	5470.1	5491.7	5410.6	5224.0	5078.0	4480.4	1492.6
60°	4594.0	4550.7	4656.2	5202.4	5553.9	5591.7	5529.5	5313.2	5234.8	4729.2	2044.2
62.5°	4969.8	4929.3	4983.3	5421.4	5718.8	5772.9	5694.5	5405.2	5361.9	4902.2	2636.3
65°	5270.0	5237.5	5340.3	5748.6	5948.7	5994.6	5940.5	5575.5	5418.7	5042.8	3117.6
67.5°	5318.6	5278.1	5491.7	5967.6	6181.2	6213.6	6170.4	5740.4	5399.8	5053.7	3228.5
70°	5180.7	5145.6	5451.1	6037.9	6281.2	6308.3	6170.4	5662.0	5142.9	4777.8	2639.0
72.5°	4756.2	4783.3	5178.0	5867.5	6143.3	6019.0	5726.9	5267.3	4810.3	4050.5	1852.2
75°	4096.5	4126.2	4650.8	5399.8	5421.4	5270.0	5113.1	4845.4	4304.7	2668.8	1284.4
77.5°	2912.1	2806.7	3590.8	4458.8	4380.4	4477.7	4491.2	4031.6	3604.3	1389.8	859.9
80°	286.6	243.4	451.6	1279.0	2825.6	3158.2	3288.0	3106.8	2658.0	621.9	451.6
82.5°	62.2	62.2	67.6	73.0	113.6	170.3	781.4	1914.4	1717.0	316.4	146.0
85°	35.2	35.2	43.3	51.4	67.6	75.7	89.2	119.0	462.4	113.6	27.0
87.5°	27.0	29.7	35.2	43.3	56.8	62.2	75.7	94.6	116.3	105.5	8.1
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-SA3A-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
2.5°	56.8	54.1	51.4	48.7	46.0	46.0	43.3	43.3	43.3	43.3	43.3
5°	54.1	51.4	48.7	43.3	40.6	37.9	35.2	35.2	35.2	35.2	35.2
7.5°	54.1	51.4	46.0	40.6	35.2	32.4	29.7	27.0	27.0	29.7	29.7
10°	54.1	48.7	40.6	35.2	29.7	27.0	24.3	21.6	21.6	21.6	21.6
12.5°	51.4	46.0	37.9	32.4	27.0	21.6	16.2	13.5	13.5	13.5	13.5
15°	48.7	43.3	35.2	27.0	18.9	13.5	10.8	8.1	8.1	8.1	8.1
17.5°	48.7	40.6	32.4	24.3	13.5	8.1	5.4	2.7	2.7	2.7	5.4
20°	48.7	40.6	29.7	18.9	8.1	5.4	5.4	2.7	0.0	2.7	2.7
22.5°	48.7	37.9	24.3	13.5	8.1	5.4	2.7	0.0	0.0	0.0	0.0
25°	51.4	37.9	21.6	10.8	5.4	2.7	0.0	0.0	0.0	0.0	0.0
27.5°	51.4	35.2	18.9	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	54.1	35.2	16.2	5.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	54.1	32.4	10.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	54.1	29.7	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	54.1	27.0	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	56.8	24.3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	59.5	21.6	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	62.2	18.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	70.3	18.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	81.1	18.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	97.3	18.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	127.1	16.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	183.9	16.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	308.2	16.2	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	540.8	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	913.9	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1192.4	18.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	905.8	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	432.6	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	192.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	83.8	8.1	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	32.4	5.4	2.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
82.5°	13.5	5.4	2.7	2.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0
85°	8.1	5.4	5.4	5.4	2.7	2.7	2.7	0.0	0.0	0.0	0.0
87.5°	5.4	5.4	5.4	5.4	5.4	2.7	2.7	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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 3500K 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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics

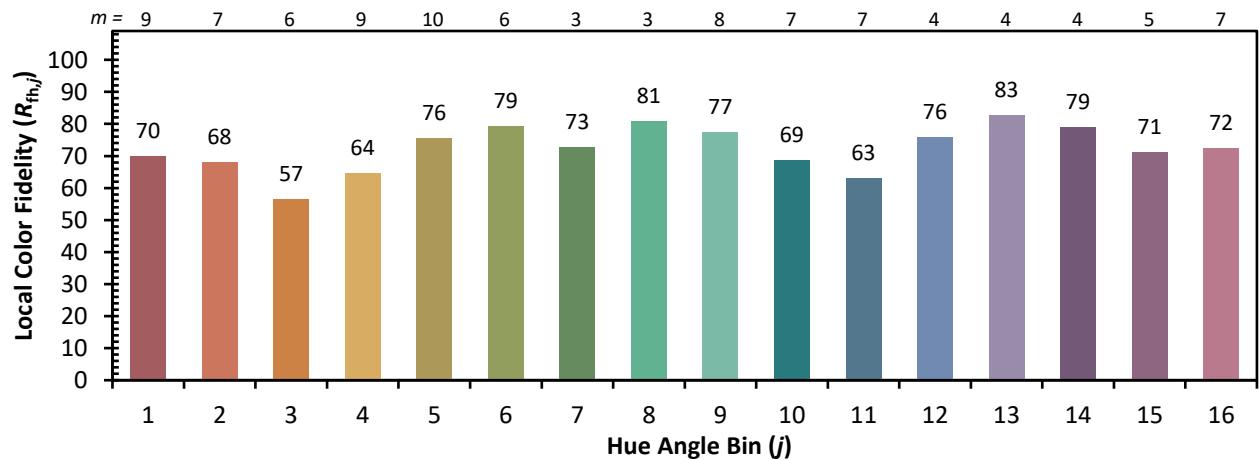
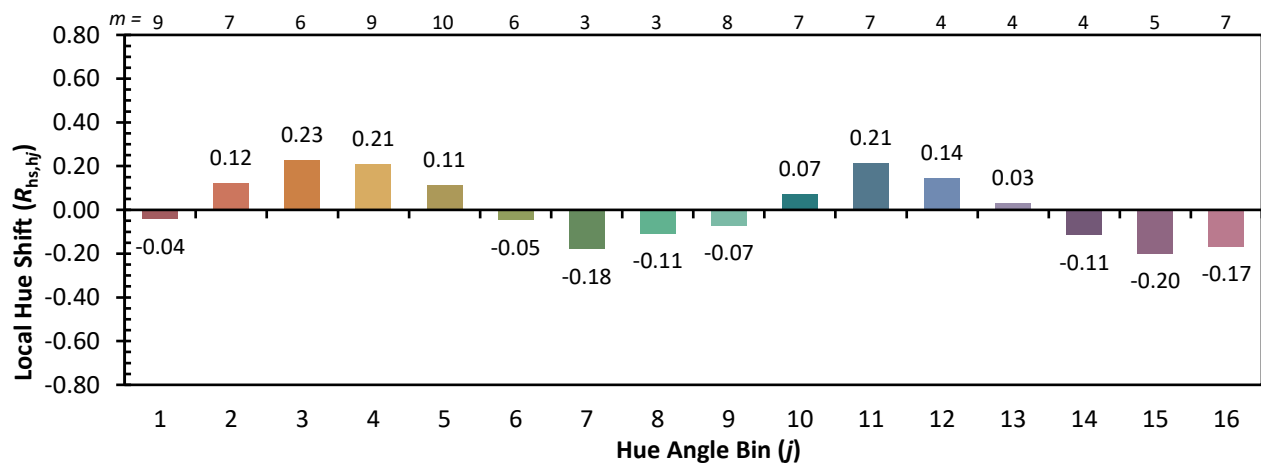
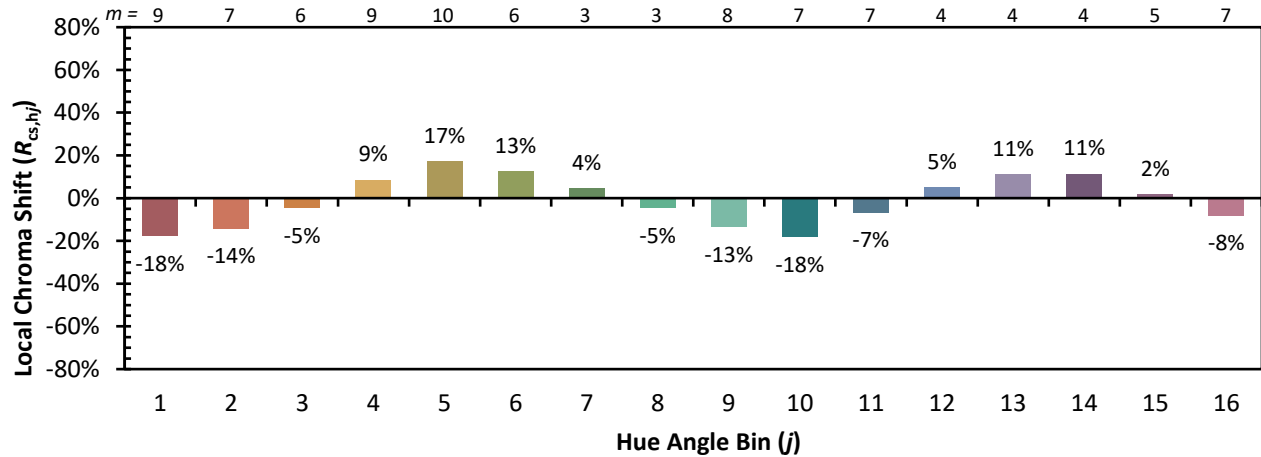


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)