

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: LUMARK

Report Number: P1067492

Luminaire Tested: **NAV-SA2D-735-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067492
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA2D-735-U-T4BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1200mA 2xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11395.3 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107
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

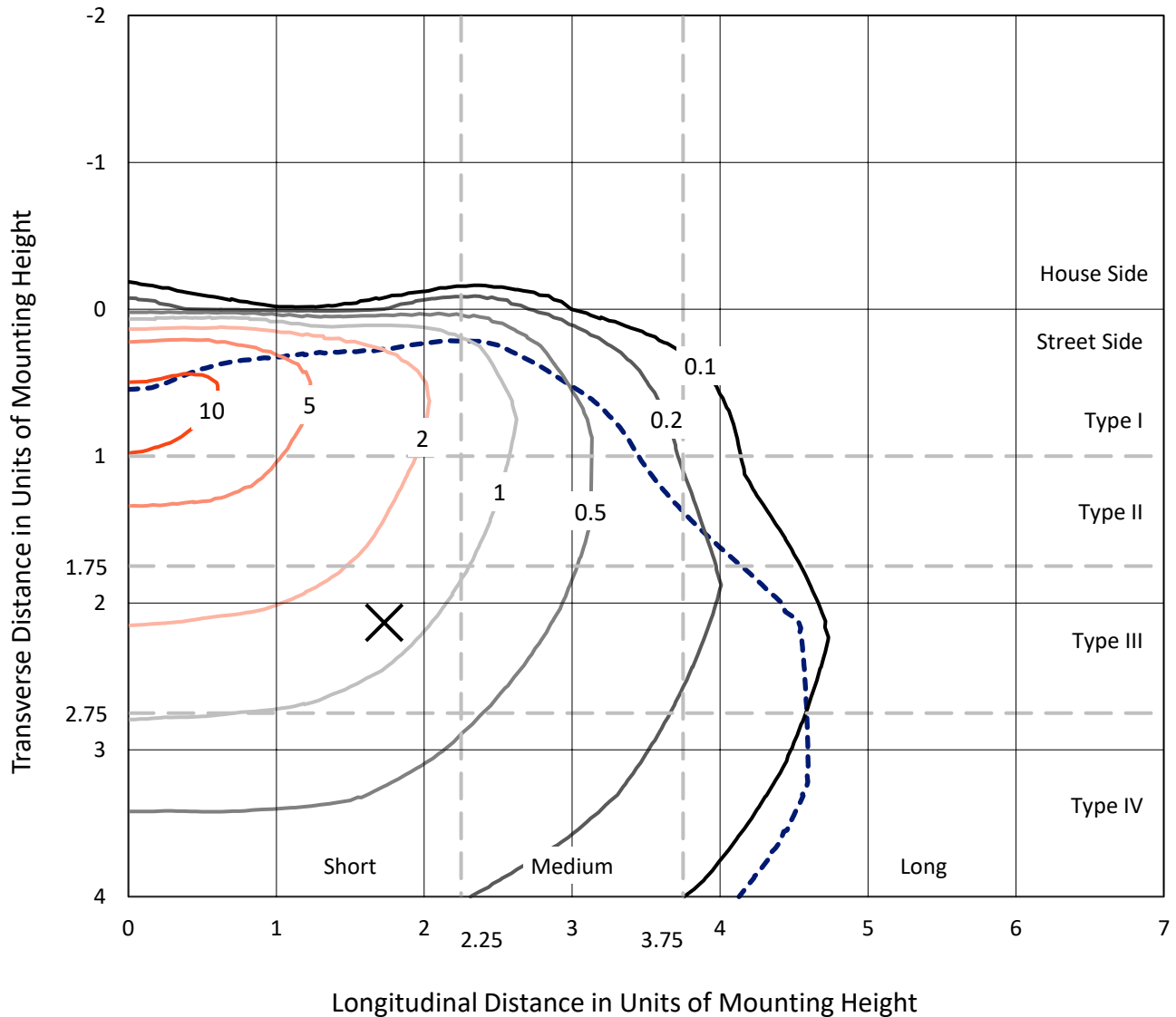


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

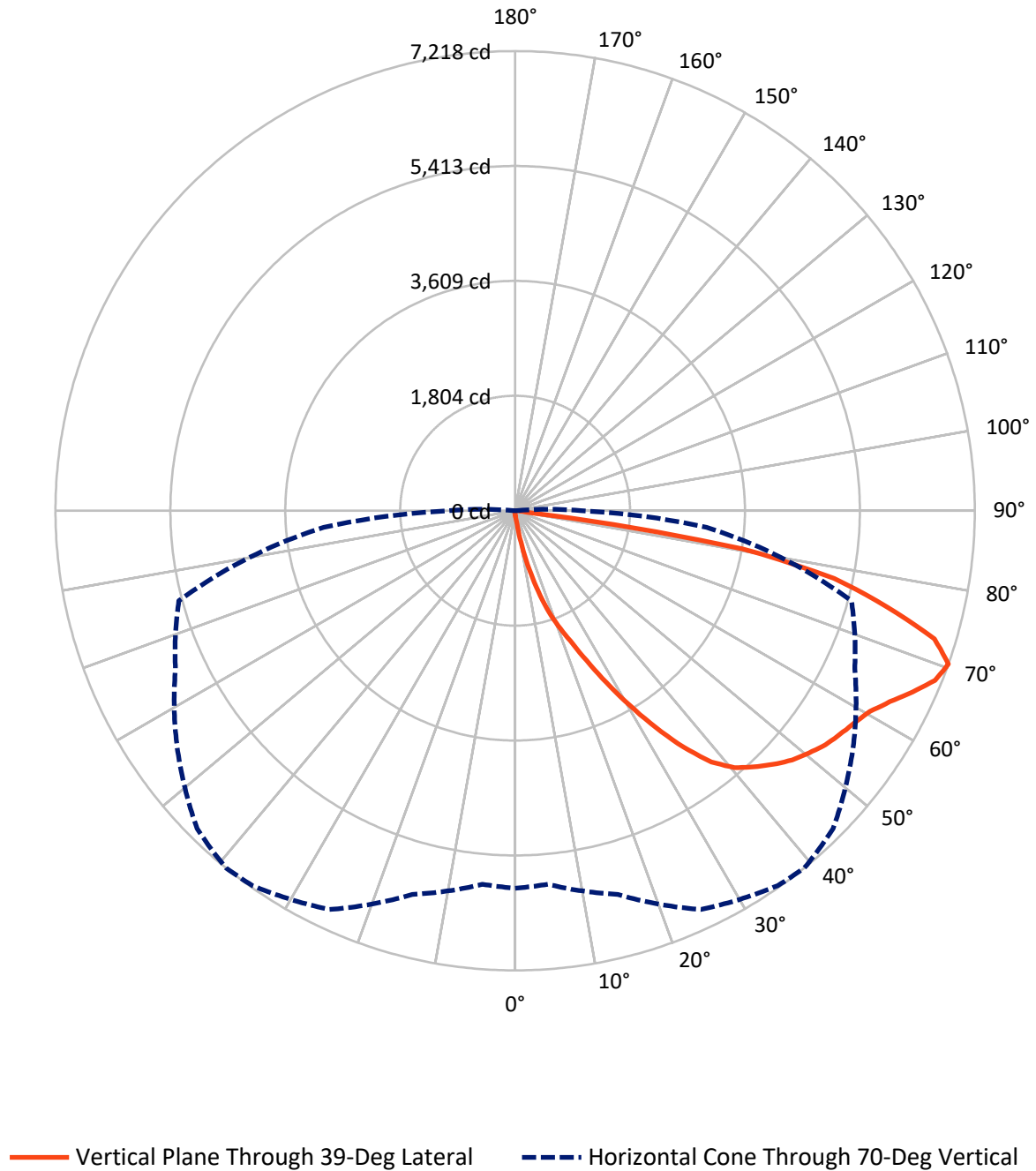


Based on 15 foot mounting height. Maximum calculated value = 12.4 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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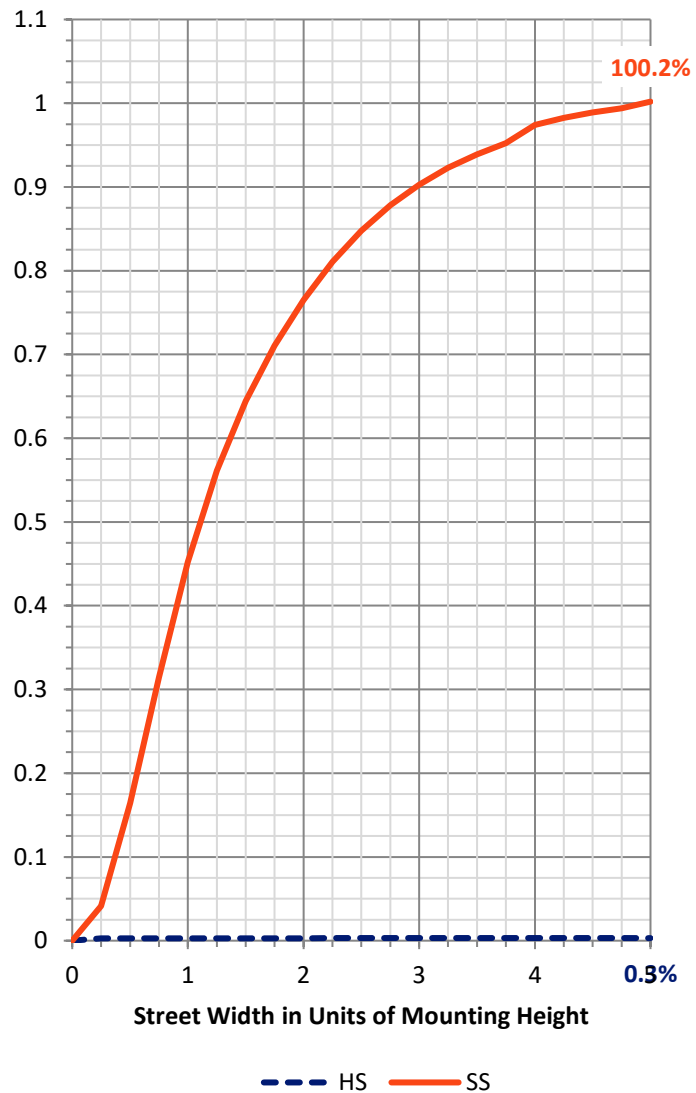
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	35.1	0.0	35.1
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	11360.2	0.0	11360.2
	% Fixture	99.7	0.0	99.7
Total	Lumens	11395.3	0.0	11395.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.0	0.1
10°-20°	140.1	1.2
20°-30°	475.4	4.2
30°-40°	1117.3	9.8
40°-50°	1814.2	15.9
50°-60°	2299.0	20.2
60°-70°	2920.3	25.6
70°-80°	2372.8	20.8
80°-90°	244.3	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°	11395.3	100.0
0°-180°	11395.3	100.0



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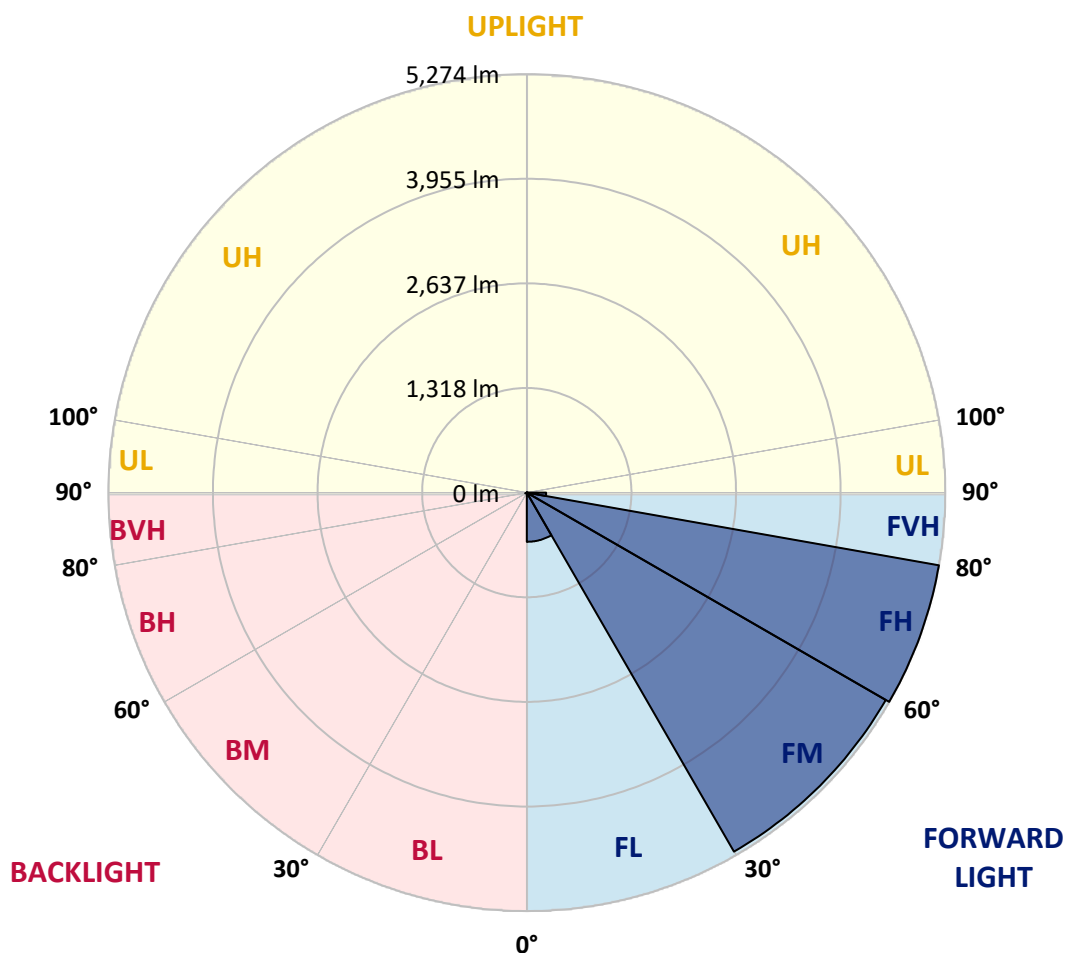
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	619.9	5.4			
FM	(30°-60°)	5223.7	45.8			
FH	(60°-80°)	5273.8	46.3			G3/7500
FVH	(80°-90°)	242.8	2.1			G3/500
BL	(0°-30°)	7.6	0.1	B0/110		
BM	(30°-60°)	6.7	0.1	B0/220		
BH	(60°-80°)	19.3	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	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°	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
2.5°	80.4	80.4	80.4	77.3	77.3	74.3	74.3	71.2	68.1	68.1	65.0
5°	151.6	154.7	145.4	126.8	114.5	108.3	102.1	86.6	77.3	71.2	65.0
7.5°	414.6	402.2	383.6	321.8	247.5	210.4	179.4	126.8	92.8	74.3	65.0
10°	872.5	838.4	785.8	702.3	556.9	498.1	386.7	232.0	129.9	83.5	65.0
12.5°	1280.8	1287.0	1222.0	1141.6	965.3	866.3	714.7	436.2	204.2	99.0	65.0
15°	1590.2	1584.0	1559.3	1494.3	1336.5	1240.6	1104.5	733.2	343.4	123.8	68.1
17.5°	1834.6	1809.9	1800.6	1772.7	1670.6	1618.1	1469.6	1079.7	544.5	167.1	71.2
20°	2079.0	2072.8	2063.6	2032.6	1964.6	1927.4	1813.0	1429.3	810.6	238.2	77.3
22.5°	2434.8	2400.8	2407.0	2338.9	2283.2	2218.3	2125.4	1800.6	1116.9	340.3	86.6
25°	2852.5	2849.4	2799.9	2768.9	2676.1	2605.0	2481.2	2159.5	1457.2	491.9	95.9
27.5°	3344.4	3310.4	3288.7	3236.1	3140.2	3059.8	2889.6	2515.3	1825.3	662.1	108.3
30°	3858.0	3858.0	3817.7	3737.3	3644.5	3545.5	3372.2	2889.6	2190.4	878.6	123.8
32.5°	4458.2	4470.5	4371.5	4250.9	4130.2	4062.2	3836.3	3313.5	2540.0	1126.1	142.3
35°	5039.8	5024.3	4860.4	4727.3	4637.6	4563.3	4371.5	3777.5	2936.0	1413.9	167.1
37.5°	5596.7	5556.5	5284.2	5095.5	5055.3	5005.8	4813.9	4241.6	3328.9	1732.5	198.0
40°	5995.8	5933.9	5652.4	5392.5	5333.7	5305.9	5157.4	4662.4	3743.5	2088.3	238.2
42.5°	6169.0	6097.9	5903.0	5692.6	5562.6	5497.7	5367.7	5005.8	4158.1	2484.3	297.0
45°	6203.1	6147.4	6008.2	5958.7	5782.3	5683.3	5507.0	5250.2	4544.8	2877.2	377.4
47.5°	6079.3	6054.6	5971.0	6076.2	5986.5	5850.4	5636.9	5432.7	4888.2	3353.7	488.8
50°	5776.1	5757.6	5797.8	6073.1	6135.0	5980.3	5779.2	5575.0	5185.2	3845.6	646.6
52.5°	5367.7	5364.6	5553.4	5992.7	6200.0	6104.1	5918.4	5717.3	5420.3	4322.0	869.4
55°	4922.2	4974.8	5305.9	5918.4	6237.1	6193.8	6054.6	5844.2	5630.7	4764.4	1228.2
57.5°	4885.1	4863.4	5182.1	5887.5	6258.7	6283.5	6190.7	5977.2	5810.1	5126.4	1707.8
60°	5256.4	5206.9	5327.5	5952.5	6354.7	6398.0	6326.8	6079.3	5989.6	5411.0	2338.9
62.5°	5686.4	5640.0	5701.9	6203.1	6543.4	6605.3	6515.5	6184.5	6135.0	5609.1	3016.5
65°	6029.8	5992.7	6110.2	6577.4	6806.4	6858.9	6797.1	6379.4	6200.0	5769.9	3567.1
67.5°	6085.5	6039.1	6283.5	6828.0	7072.4	7109.5	7060.0	6568.1	6178.3	5782.3	3694.0
70°	5927.7	5887.5	6237.1	6908.4	7186.9	7217.8	7060.0	6478.4	5884.4	5466.7	3019.5
72.5°	5442.0	5472.9	5924.6	6713.5	7029.1	6886.8	6552.7	6026.7	5503.9	4634.5	2119.3
75°	4687.1	4721.1	5321.3	6178.3	6203.1	6029.8	5850.4	5544.1	4925.3	3053.6	1469.6
77.5°	3332.0	3211.4	4108.6	5101.7	5011.9	5123.3	5138.8	4612.8	4124.0	1590.2	983.8
80°	327.9	278.4	516.7	1463.4	3233.0	3613.6	3762.1	3554.8	3041.2	711.6	516.7
82.5°	71.2	71.2	77.3	83.5	129.9	194.9	894.1	2190.4	1964.6	362.0	167.1
85°	40.2	40.2	49.5	58.8	77.3	86.6	102.1	136.1	529.0	129.9	30.9
87.5°	30.9	34.0	40.2	49.5	65.0	71.2	86.6	108.3	133.0	120.7	9.3
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: NAV-SA2D-735-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
2.5°	65.0	61.9	58.8	55.7	52.6	52.6	49.5	49.5	49.5	49.5	49.5
5°	61.9	58.8	55.7	49.5	46.4	43.3	40.2	40.2	40.2	40.2	40.2
7.5°	61.9	58.8	52.6	46.4	40.2	37.1	34.0	30.9	30.9	34.0	34.0
10°	61.9	55.7	46.4	40.2	34.0	30.9	27.8	24.8	24.8	24.8	24.8
12.5°	58.8	52.6	43.3	37.1	30.9	24.8	18.6	15.5	15.5	15.5	15.5
15°	55.7	49.5	40.2	30.9	21.7	15.5	12.4	9.3	9.3	9.3	9.3
17.5°	55.7	46.4	37.1	27.8	15.5	9.3	6.2	3.1	3.1	3.1	6.2
20°	55.7	46.4	34.0	21.7	9.3	6.2	6.2	3.1	0.0	3.1	3.1
22.5°	55.7	43.3	27.8	15.5	9.3	6.2	3.1	0.0	0.0	0.0	0.0
25°	58.8	43.3	24.8	12.4	6.2	3.1	0.0	0.0	0.0	0.0	0.0
27.5°	58.8	40.2	21.7	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0
30°	61.9	40.2	18.6	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	61.9	37.1	12.4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	61.9	34.0	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	61.9	30.9	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	65.0	27.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	68.1	24.8	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	71.2	21.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	80.4	21.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	92.8	21.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	111.4	21.7	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	145.4	18.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	210.4	18.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	352.7	18.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	618.8	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1045.7	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1364.4	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1036.4	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	495.0	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	219.7	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	95.9	9.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	37.1	6.2	3.1	3.1	3.1	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	15.5	6.2	3.1	3.1	3.1	3.1	3.1	0.0	0.0	0.0	0.0
85°	9.3	6.2	6.2	6.2	3.1	3.1	3.1	0.0	0.0	0.0	0.0
87.5°	6.2	6.2	6.2	6.2	6.2	3.1	3.1	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
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



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 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	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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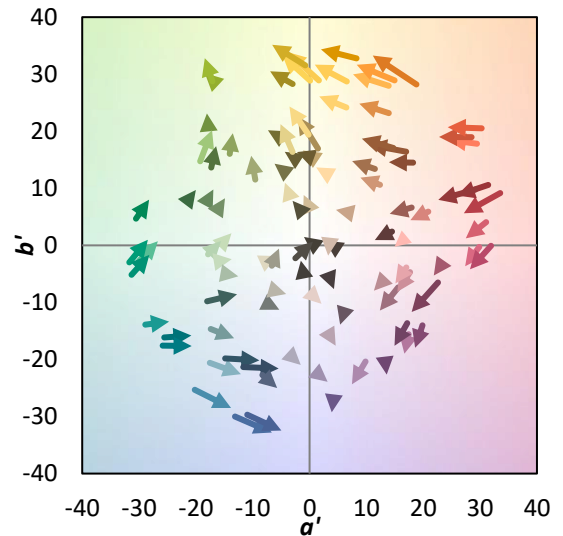
TM-30-18

Summary

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



Color Vector Graphics

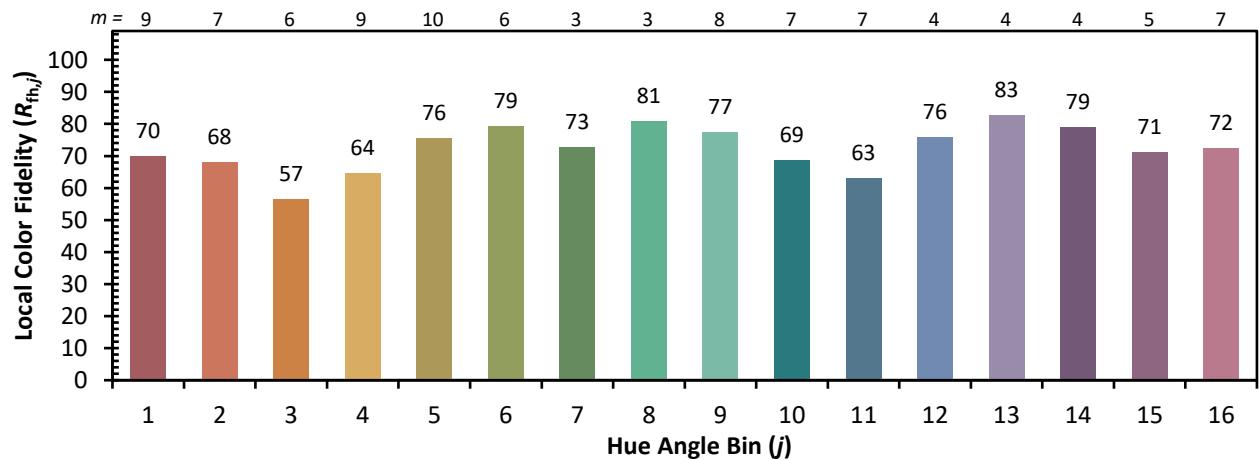
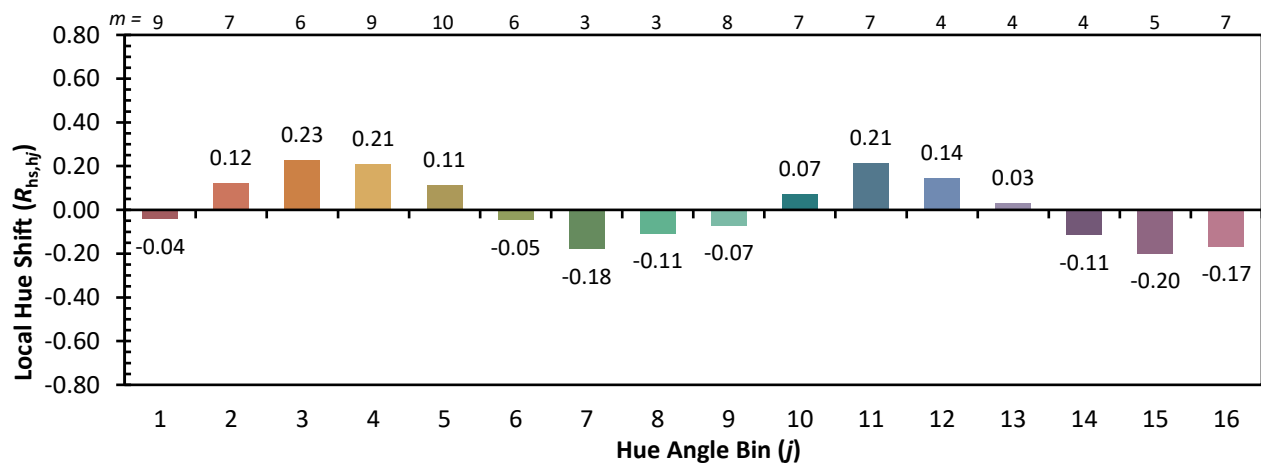
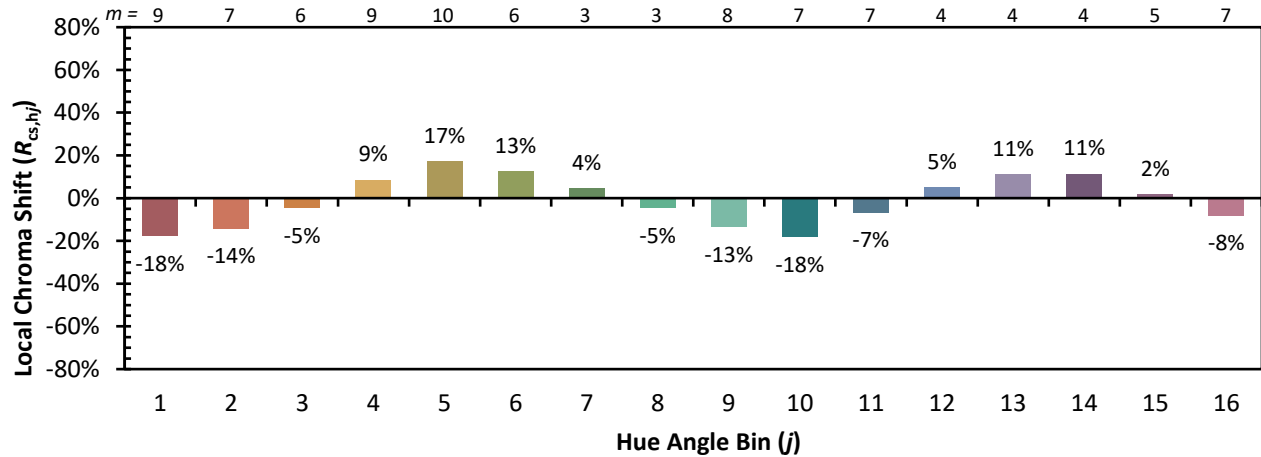


Individual Sample Fidelity Index ($R_{f,i}$)

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)