

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: P1067005

Luminaire Tested: **NAV-SA1A-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067005
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1A-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3584.2 lumens
Efficiency: N/A
Efficacy: 122.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29.2
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

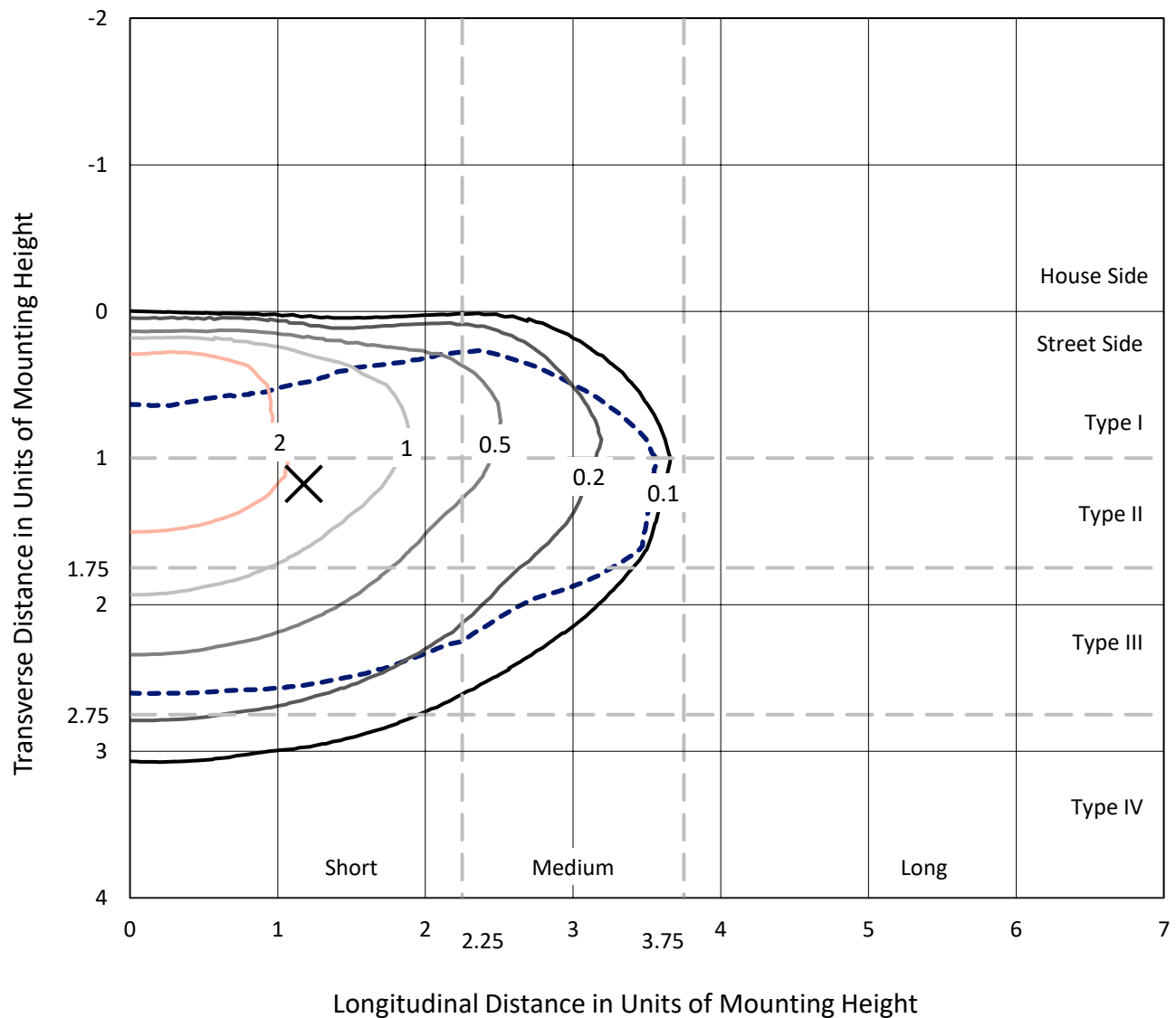


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

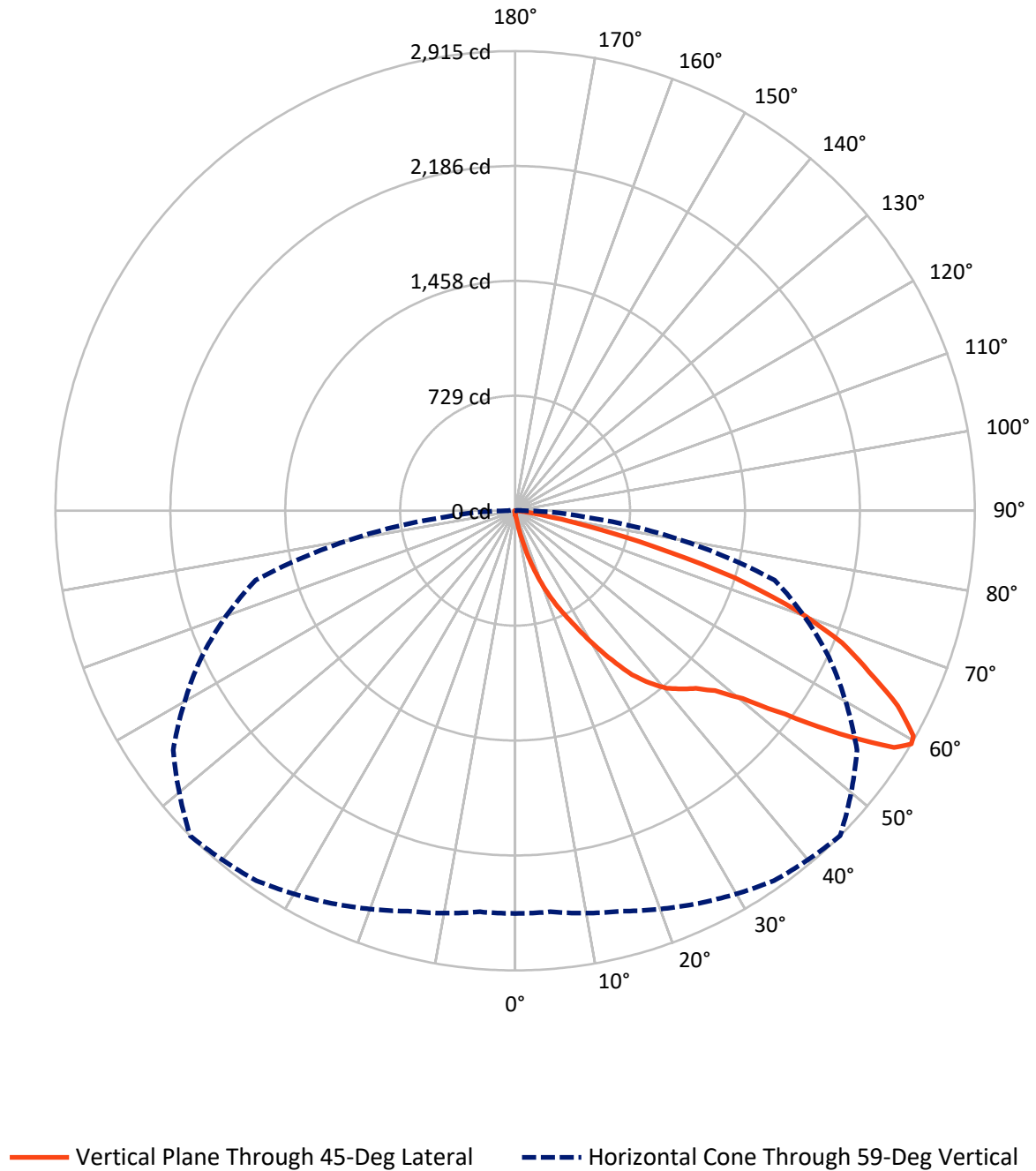


Based on 15 foot mounting height. Maximum calculated value = 3.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	12.7	0.0	12.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3571.5	0.0	3571.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	3584.2	0.0	3584.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.1
10°-20°	39.6	1.1
20°-30°	142.3	4.0
30°-40°	330.8	9.2
40°-50°	563.8	15.7
50°-60°	929.0	25.9
60°-70°	1074.1	30.0
70°-80°	461.5	12.9
80°-90°	39.9	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°	3584.2	100.0
0°-180°	3584.2	100.0



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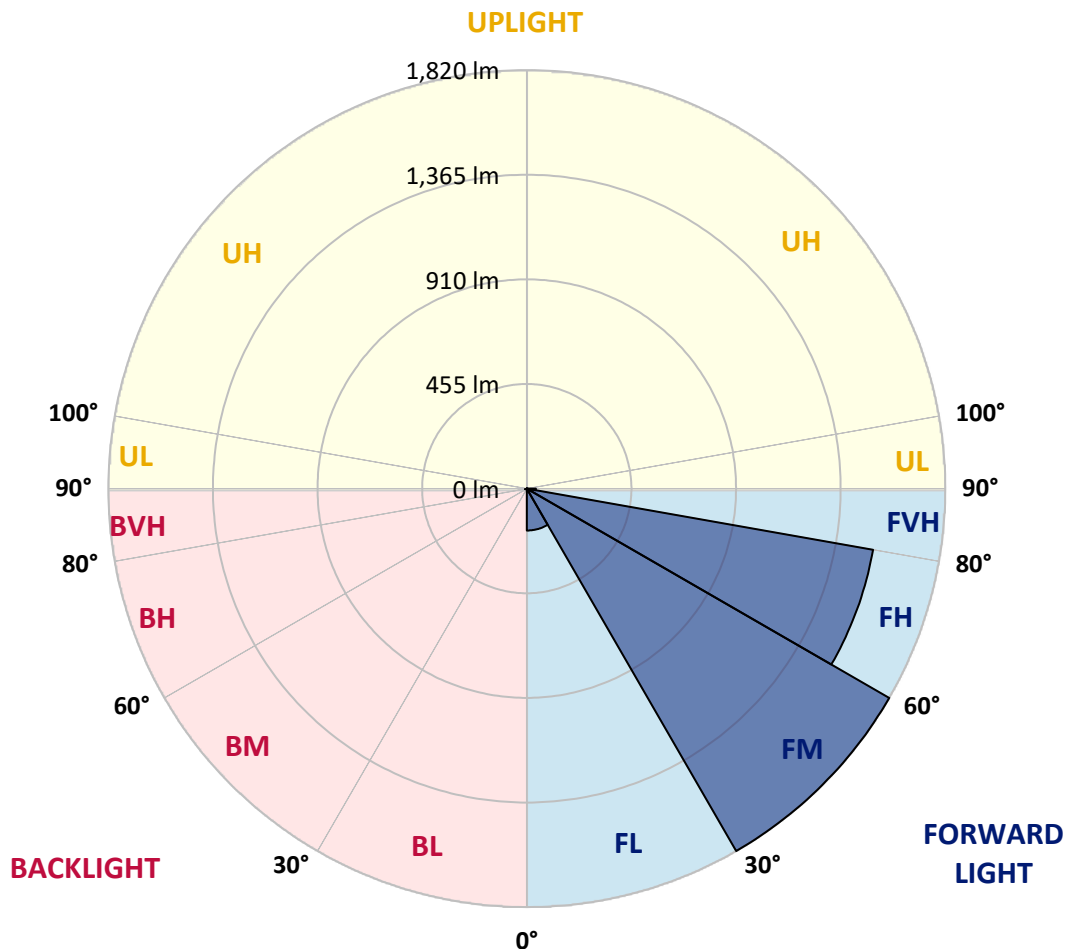
CATALOG NUMBER: NAV-SA1A-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	182.2	5.1			
FM	(30°-60°)	1820.4	50.8			
FH	(60°-80°)	1529.6	42.7			G1/1800
FVH	(80°-90°)	39.4	1.1			G1/100
BL	(0°-30°)	3.1	0.1	B0/110		
BM	(30°-60°)	3.1	0.1	B0/220		
BH	(60°-80°)	6.0	0.2	B0/110		G0/110
BVH	(80°-90°)	0.5	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-G1

Type III Short



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CATALOG NUMBER: NAV-SA1A-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
2.5°	29.4	29.4	28.7	27.7	27.5	26.8	26.8	26.0	25.1	24.3	23.4
5°	42.7	42.4	40.5	38.1	34.9	33.0	33.0	30.4	28.0	25.8	23.9
7.5°	93.3	91.1	84.1	72.5	57.4	47.2	46.5	37.8	32.1	27.7	24.1
10°	214.0	206.5	196.7	168.9	124.8	87.2	85.6	55.2	38.3	29.9	24.6
12.5°	350.7	356.7	336.9	293.3	241.7	179.8	167.7	93.0	50.6	32.8	25.1
15°	475.0	473.6	462.5	426.8	367.3	284.9	277.4	161.7	72.5	37.4	25.5
17.5°	568.0	566.4	555.8	532.9	487.1	404.6	398.1	257.9	113.8	43.9	26.0
20°	666.1	664.0	649.0	630.7	590.7	520.6	512.9	365.4	178.1	54.5	26.0
22.5°	783.7	779.6	763.7	732.7	690.5	629.5	622.5	475.3	257.9	71.8	27.2
25°	925.9	919.0	897.0	869.1	818.2	737.2	729.8	597.7	354.0	98.1	28.4
27.5°	1088.1	1089.3	1059.7	1012.5	944.3	861.6	847.6	707.3	453.6	135.7	29.9
30°	1280.7	1268.6	1227.0	1172.0	1105.7	1000.4	986.9	816.5	565.4	191.1	32.3
32.5°	1461.0	1448.0	1391.8	1322.6	1251.5	1140.4	1129.3	939.2	667.1	256.7	36.6
35°	1615.7	1606.5	1528.0	1443.6	1380.5	1281.2	1277.8	1076.1	786.6	327.3	41.5
37.5°	1751.9	1735.2	1634.3	1546.8	1482.7	1393.7	1386.5	1201.4	901.8	409.2	48.7
40°	1868.0	1858.9	1735.7	1620.8	1568.7	1489.2	1480.0	1311.3	1020.9	504.4	57.6
42.5°	1992.4	1980.3	1860.8	1731.9	1635.9	1550.9	1544.8	1401.9	1126.9	609.0	70.9
45°	2132.9	2110.5	2005.6	1890.0	1744.2	1614.7	1608.0	1482.7	1235.6	721.3	87.0
47.5°	2283.0	2263.5	2178.7	2097.5	1929.7	1720.0	1705.6	1551.3	1343.6	851.0	107.5
50°	2435.8	2436.3	2372.7	2333.6	2156.5	1891.2	1870.7	1652.3	1457.1	989.8	137.9
52.5°	2613.7	2618.3	2617.3	2588.4	2451.0	2171.0	2143.5	1805.6	1588.9	1151.8	179.8
55°	2688.2	2696.4	2749.6	2813.7	2776.4	2525.7	2496.3	2070.0	1763.7	1332.3	242.0
57.5°	2627.2	2636.3	2709.9	2822.2	2908.0	2836.4	2833.0	2414.1	1993.8	1551.1	343.7
59°	2554.6	2553.4	2628.9	2747.9	2863.6	2910.1	2915.0	2647.0	2194.3	1704.6	431.4
60°	2506.4	2507.4	2557.5	2679.7	2802.6	2883.4	2902.2	2784.1	2311.5	1815.0	506.6
62.5°	2320.4	2331.5	2371.2	2484.8	2601.4	2691.5	2723.6	2906.3	2646.7	2075.8	768.1
65°	2118.2	2118.9	2175.5	2272.7	2384.5	2447.9	2468.1	2716.1	2870.6	2341.4	1111.0
67.5°	1757.4	1772.1	1836.5	1993.8	2141.6	2221.8	2237.2	2364.3	2777.8	2514.4	1282.9
70°	1229.8	1249.1	1340.9	1545.1	1765.1	1896.9	1896.0	1965.4	2444.8	2437.3	1087.7
72.5°	614.1	647.3	722.3	940.9	1207.4	1414.5	1458.1	1581.0	1963.9	2024.4	811.5
75°	271.4	273.3	316.0	426.1	600.1	863.0	902.1	1254.9	1506.8	1407.0	586.1
77.5°	157.9	159.3	167.0	191.4	243.2	423.0	466.8	823.0	1064.8	817.7	382.2
80°	57.4	58.8	58.6	72.5	106.5	166.5	185.6	398.9	710.2	430.7	200.3
82.5°	35.2	35.2	34.0	34.2	38.8	63.9	69.9	169.9	345.8	212.1	57.4
85°	17.4	18.3	19.5	21.9	26.0	31.6	33.5	48.7	116.4	51.3	13.7
87.5°	10.4	10.6	11.6	14.0	17.4	22.7	24.1	33.0	41.7	34.5	3.4
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-SA1A-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
2.5°	22.9	22.7	21.4	20.5	19.5	18.6	17.8	17.1	17.1	17.4	17.1
5°	22.9	21.9	20.0	18.3	16.9	15.7	14.5	13.5	13.3	13.3	13.5
7.5°	22.7	21.4	18.8	16.6	14.7	13.0	11.8	10.6	10.4	10.6	10.4
10°	22.4	21.0	17.8	15.2	12.5	10.8	9.2	8.0	8.0	8.0	8.2
12.5°	22.4	20.2	16.9	13.7	10.8	8.9	7.2	6.0	5.8	5.8	5.8
15°	22.2	19.8	15.9	12.1	9.2	6.7	5.3	4.1	4.1	4.1	4.1
17.5°	21.7	19.0	14.7	10.6	7.2	5.1	3.6	2.4	2.4	2.9	2.9
20°	21.2	18.3	13.3	8.7	6.0	3.9	2.4	1.4	1.4	2.2	2.4
22.5°	21.4	18.3	12.3	7.7	4.8	2.9	1.9	1.2	1.0	1.7	2.2
25°	21.7	17.8	11.1	6.7	3.6	2.2	1.4	0.5	0.2	0.5	0.7
27.5°	21.7	17.4	9.6	5.3	2.7	1.7	0.7	0.0	0.0	0.0	0.0
30°	21.4	16.6	8.4	4.3	1.9	1.0	0.2	0.0	0.0	0.0	0.0
32.5°	21.2	15.9	7.7	3.4	1.7	0.5	0.0	0.0	0.0	0.0	0.0
35°	21.4	14.9	6.7	2.7	1.0	0.0	0.0	0.0	0.0	0.0	0.5
37.5°	22.2	14.0	5.8	2.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	23.1	13.3	4.8	1.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	25.1	13.3	4.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	27.5	13.3	3.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	30.6	13.5	3.1	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	34.5	14.0	2.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	37.4	13.5	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	42.4	13.0	2.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	49.2	12.3	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	55.9	11.3	2.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	63.6	10.8	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	105.1	9.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	202.9	9.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	328.0	9.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	344.9	9.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	229.4	7.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	122.9	6.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	66.3	6.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	29.2	4.6	1.2	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	11.6	3.1	1.4	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
85°	5.5	2.4	1.9	1.7	1.2	0.7	0.0	0.0	0.0	0.0	0.0
87.5°	2.7	2.4	2.2	1.9	1.7	1.2	0.2	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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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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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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

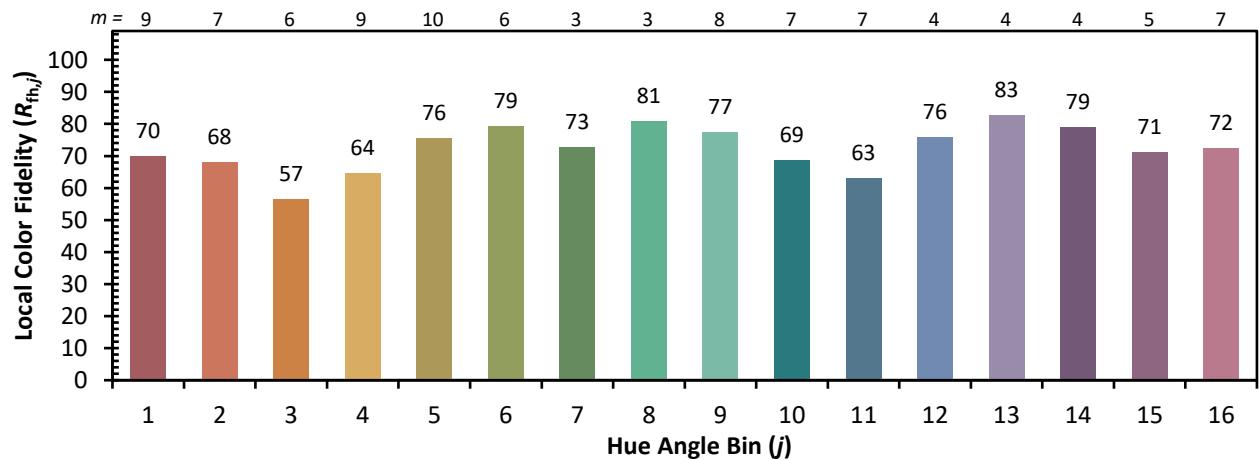
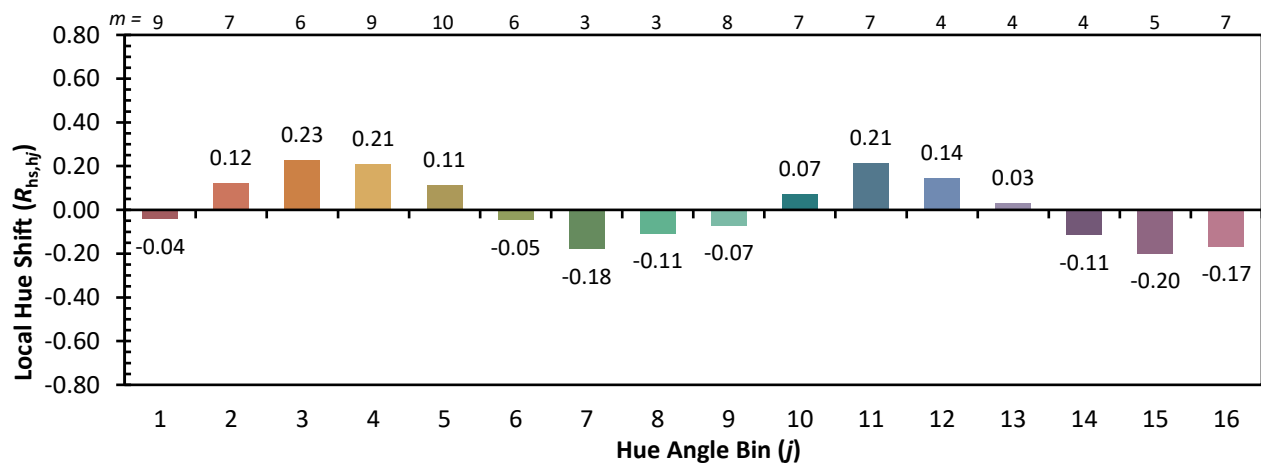
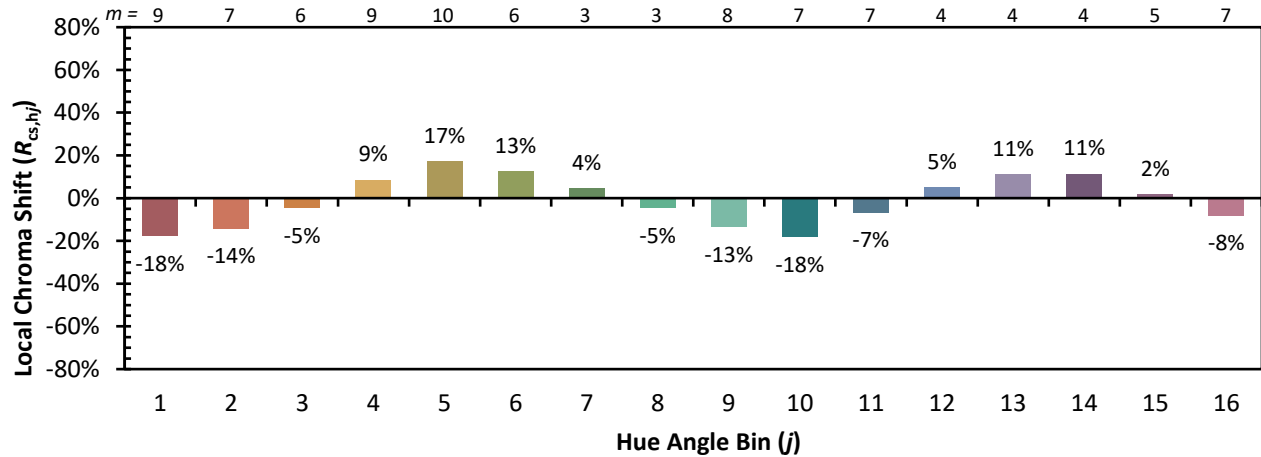


Individual Sample Fidelity Index ($R_{f,i}$)

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)