

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: P1067013

Luminaire Tested: **NAV-SA3A-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067013
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA3A-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (42) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10416.9 lumens
Efficiency: N/A
Efficacy: 127.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1.5' x H: 0')
IES Classification: Type III - 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

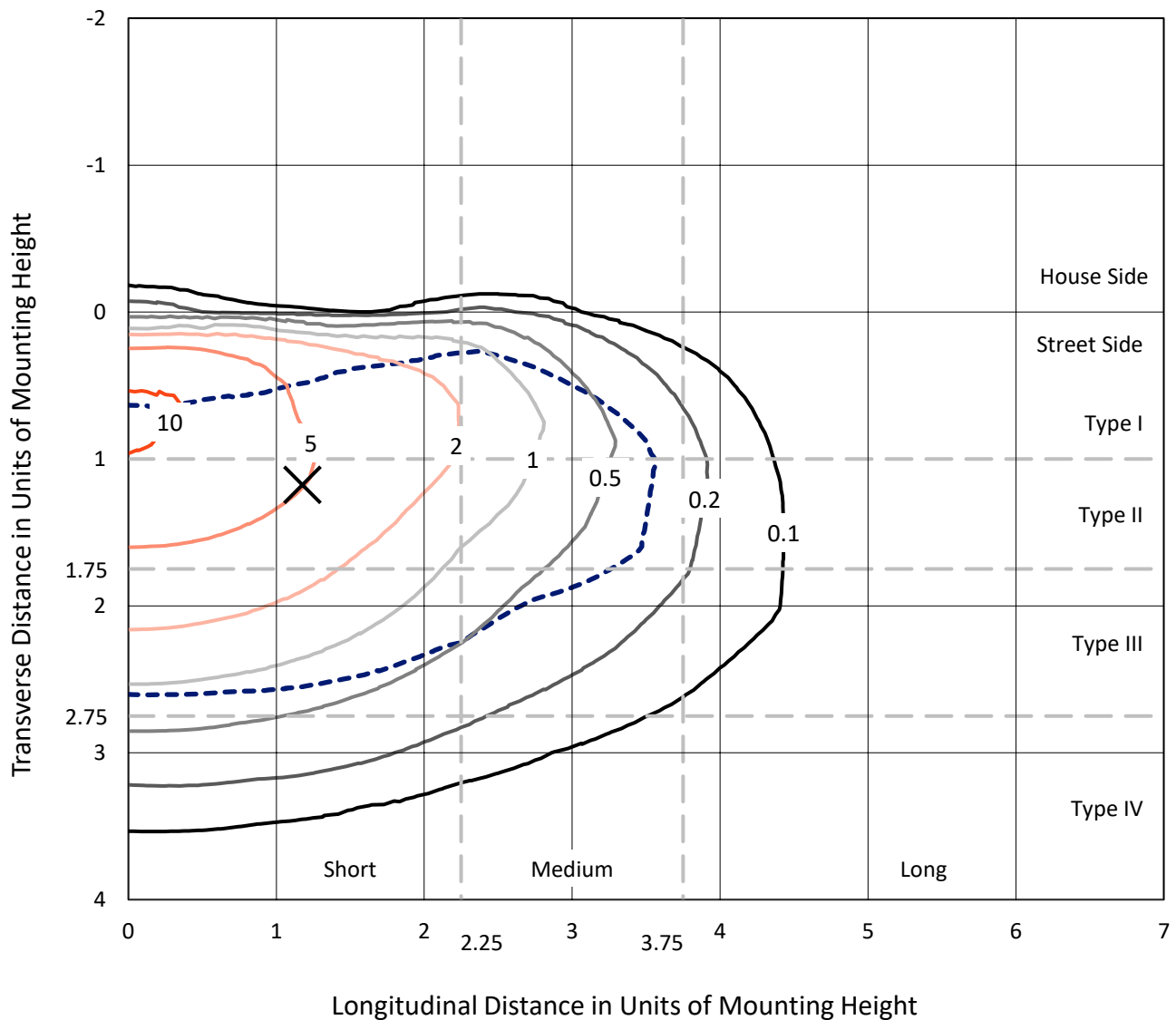


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

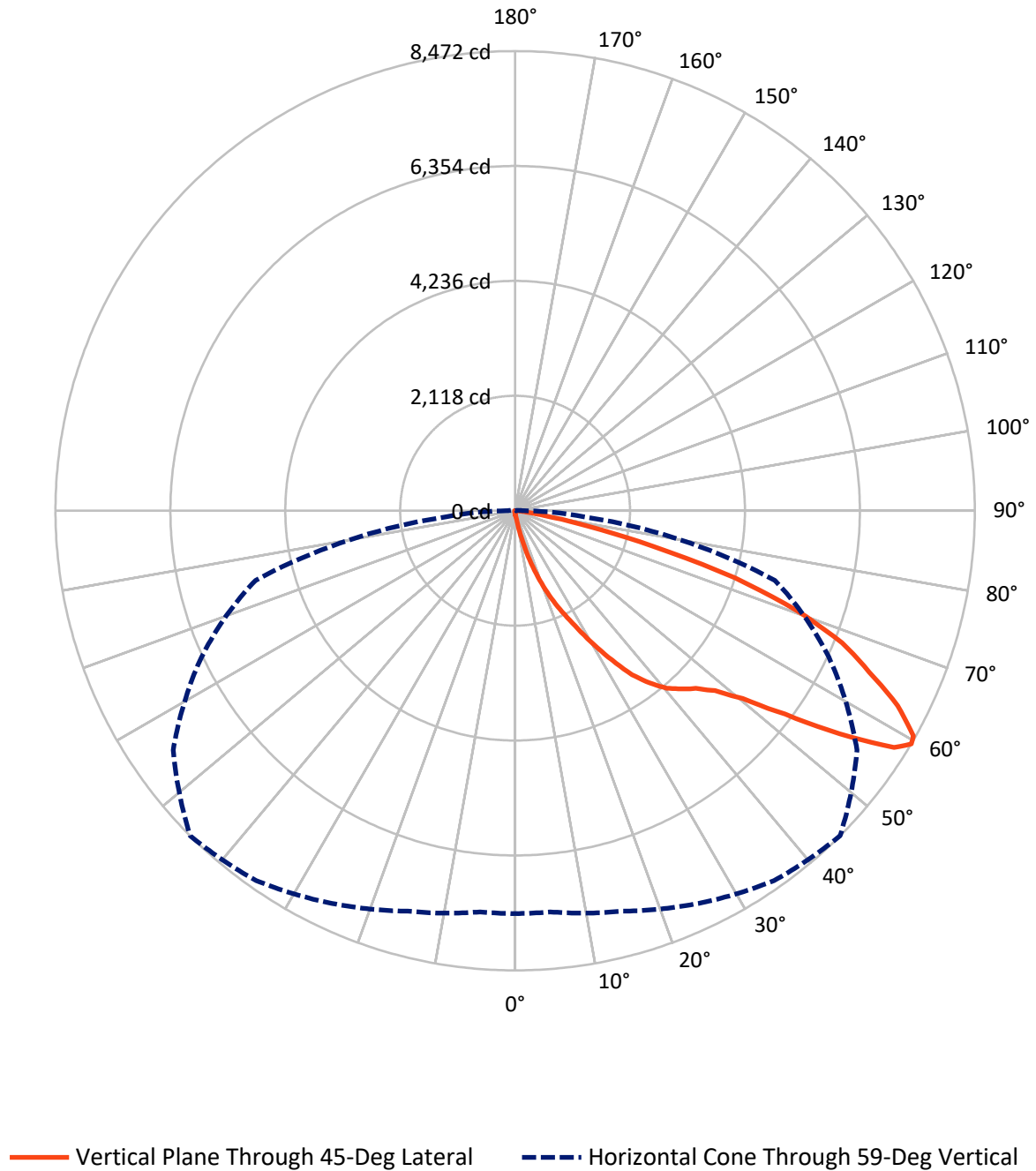


Based on 15 foot mounting height. Maximum calculated value = 11.4 fc
 Type III - Short - N/A

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CATALOG NUMBER: NAV-SA3A-735-U-T3BC

Luminous Intensity Polar Plot



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CATALOG NUMBER: NAV-SA3A-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	37.0	0.0	37.0
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	10380.0	0.0	10380.0
	% Fixture	99.6	0.0	99.6
Total	Lumens	10416.9	0.0	10416.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.7	0.1
10°-20°	115.1	1.1
20°-30°	413.7	4.0
30°-40°	961.3	9.2
40°-50°	1638.5	15.7
50°-60°	2699.9	25.9
60°-70°	3121.6	30.0
70°-80°	1341.2	12.9
80°-90°	115.9	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°	10416.9	100.0
0°-180°	10416.9	100.0



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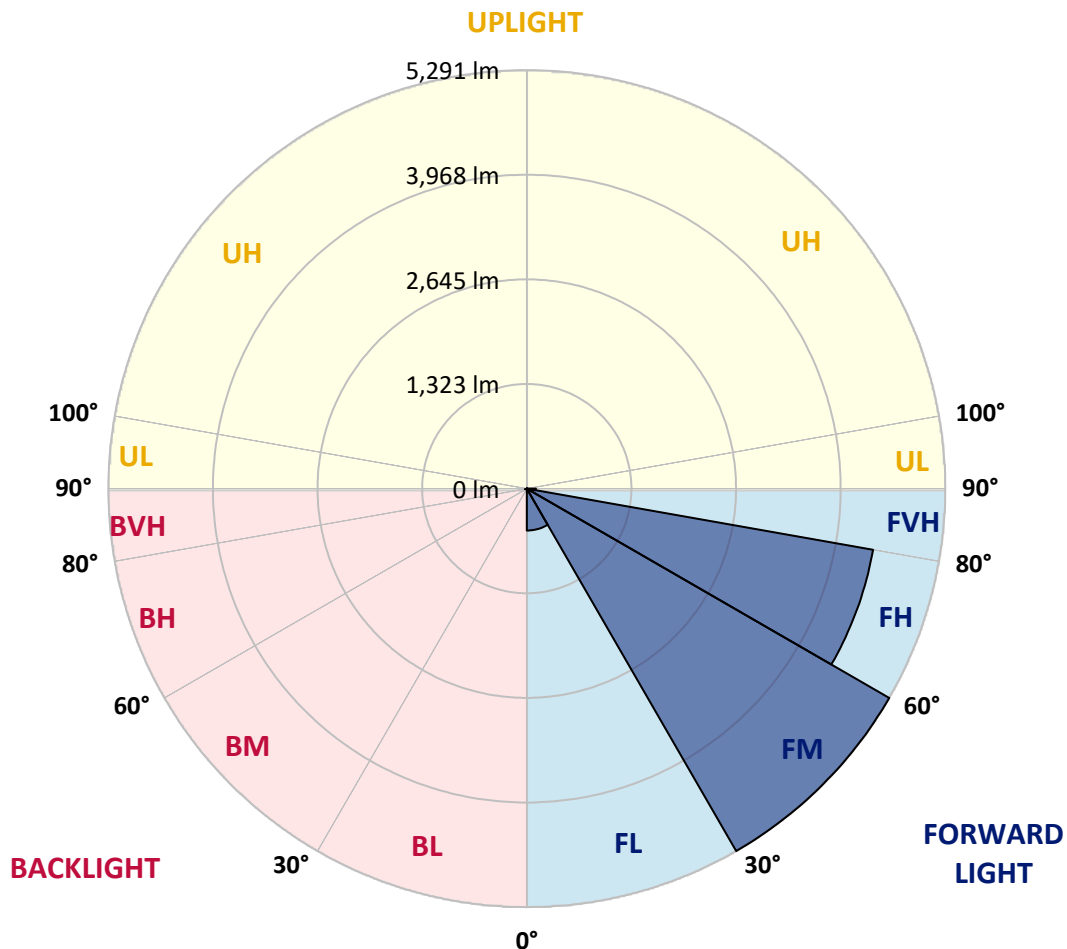
CATALOG NUMBER: NAV-SA3A-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	529.4	5.1			
FM	(30°-60°)	5290.8	50.8			
FH	(60°-80°)	4445.4	42.7			G2/5000
FVH	(80°-90°)	114.4	1.1			G2/225
BL	(0°-30°)	9.1	0.1	B0/110		
BM	(30°-60°)	8.9	0.1	B0/220		
BH	(60°-80°)	17.4	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-G2

Type III Short



REPORT NUMBER: P1067013

CATALOG NUMBER: NAV-SA3A-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
2.5°	85.5	85.5	83.4	80.6	79.9	77.7	77.7	75.6	72.8	70.7	67.9
5°	124.0	123.3	117.7	110.7	101.6	96.0	96.0	88.3	81.3	74.9	69.3
7.5°	271.1	264.8	244.5	210.8	166.7	137.3	135.2	110.0	93.2	80.6	70.0
10°	622.0	600.3	571.6	491.0	362.8	253.6	248.7	160.4	111.4	86.9	71.4
12.5°	1019.1	1036.6	979.2	852.4	702.5	522.5	487.5	270.4	147.1	95.3	72.8
15°	1380.6	1376.4	1344.1	1240.5	1067.5	827.9	806.2	470.0	210.8	108.6	74.2
17.5°	1650.9	1646.0	1615.2	1548.7	1415.6	1176.0	1157.1	749.5	330.6	127.5	75.6
20°	1936.0	1929.7	1886.3	1833.0	1716.8	1512.9	1490.5	1061.9	517.6	158.3	75.6
22.5°	2277.8	2265.9	2219.7	2129.3	2006.8	1829.5	1809.2	1381.3	749.5	208.7	79.1
25°	2691.1	2670.8	2607.0	2525.8	2378.0	2142.6	2120.9	1737.1	1028.9	285.1	82.7
27.5°	3162.5	3166.0	3079.8	2942.5	2744.3	2504.1	2463.4	2055.8	1318.2	394.3	86.9
30°	3722.1	3687.1	3565.9	3406.2	3213.6	2907.5	2868.3	2373.1	1643.2	555.4	93.9
32.5°	4246.1	4208.2	4045.0	3844.0	3637.4	3314.5	3282.3	2729.6	1938.8	746.0	106.5
35°	4695.7	4669.1	4440.8	4195.6	4012.1	3723.5	3713.7	3127.5	2286.2	951.2	120.5
37.5°	5091.5	5043.2	4749.7	4495.4	4309.1	4050.6	4029.6	3491.7	2621.0	1189.3	141.5
40°	5429.1	5402.5	5044.6	4710.5	4559.2	4328.0	4301.4	3811.1	2967.1	1466.0	167.4
42.5°	5790.5	5755.5	5408.1	5033.4	4754.6	4507.3	4489.8	4074.5	3275.3	1770.0	205.9
45°	6198.9	6133.7	5829.1	5492.8	5069.1	4692.9	4673.3	4309.1	3591.2	2096.4	252.9
47.5°	6635.3	6578.5	6332.0	6095.9	5608.4	4999.0	4957.0	4508.7	3904.9	2473.3	312.4
50°	7079.3	7080.7	6895.8	6782.4	6267.5	5496.3	5436.8	4802.2	4234.9	2876.7	400.7
52.5°	7596.3	7609.6	7606.8	7522.7	7123.5	6309.6	6229.7	5247.7	4618.0	3347.4	522.5
55°	7812.7	7836.5	7991.3	8177.6	8069.1	7340.6	7255.1	6016.1	5125.8	3872.0	703.2
57.5°	7635.5	7662.1	7875.7	8202.1	8451.5	8243.5	8233.7	7016.3	5794.7	4508.0	998.8
59°	7424.7	7421.2	7640.4	7986.4	8322.6	8457.8	8471.8	7692.9	6377.5	4954.2	1253.8
60°	7284.6	7287.4	7433.1	7788.2	8145.4	8380.1	8434.7	8091.5	6717.9	5275.0	1472.3
62.5°	6743.8	6776.0	6891.6	7221.5	7560.5	7822.5	7915.7	8446.6	7692.2	6032.9	2232.3
65°	6156.2	6158.3	6322.9	6605.1	6930.1	7114.4	7173.2	7893.9	8342.9	6804.8	3229.0
67.5°	5107.6	5150.3	5337.3	5794.7	6224.1	6457.3	6502.2	6871.3	8073.3	7307.7	3728.4
70°	3574.3	3630.4	3897.2	4490.5	5130.0	5513.2	5510.4	5712.1	7105.3	7083.5	3161.1
72.5°	1784.7	1881.4	2099.2	2734.5	3509.2	4110.9	4237.7	4594.9	5707.9	5883.7	2358.4
75°	788.7	794.3	918.3	1238.4	1744.1	2508.3	2621.7	3647.2	4379.1	4089.2	1703.5
77.5°	458.8	463.0	485.4	556.1	706.7	1229.3	1356.8	2392.0	3094.5	2376.6	1110.9
80°	166.7	170.9	170.2	210.8	309.6	484.0	539.3	1159.2	2064.2	1251.7	582.1
82.5°	102.3	102.3	98.8	99.5	112.8	185.6	203.1	493.8	1005.1	616.4	166.7
85°	50.4	53.2	56.7	63.7	75.6	91.8	97.4	141.5	338.3	149.2	39.9
87.5°	30.1	30.8	33.6	40.6	50.4	65.8	70.0	96.0	121.2	100.2	9.8
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: P1067013

CATALOG NUMBER: NAV-SA3A-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
2.5°	66.5	65.8	62.3	59.5	56.7	53.9	51.8	49.7	49.7	50.4	49.7
5°	66.5	63.7	58.1	53.2	49.0	45.5	42.0	39.2	38.5	38.5	39.2
7.5°	65.8	62.3	54.6	48.3	42.7	37.8	34.3	30.8	30.1	30.8	30.1
10°	65.1	60.9	51.8	44.1	36.4	31.5	26.6	23.1	23.1	23.1	23.8
12.5°	65.1	58.8	49.0	39.9	31.5	25.9	21.0	17.5	16.8	16.8	16.8
15°	64.4	57.4	46.2	35.0	26.6	19.6	15.4	11.9	11.9	11.9	11.9
17.5°	63.0	55.3	42.7	30.8	21.0	14.7	10.5	7.0	7.0	8.4	8.4
20°	61.6	53.2	38.5	25.2	17.5	11.2	7.0	4.2	4.2	6.3	7.0
22.5°	62.3	53.2	35.7	22.4	14.0	8.4	5.6	3.5	2.8	4.9	6.3
25°	63.0	51.8	32.2	19.6	10.5	6.3	4.2	1.4	0.7	1.4	2.1
27.5°	63.0	50.4	28.0	15.4	7.7	4.9	2.1	0.0	0.0	0.0	0.0
30°	62.3	48.3	24.5	12.6	5.6	2.8	0.7	0.0	0.0	0.0	0.0
32.5°	61.6	46.2	22.4	9.8	4.9	1.4	0.0	0.0	0.0	0.0	0.0
35°	62.3	43.4	19.6	7.7	2.8	0.0	0.0	0.0	0.0	0.0	1.4
37.5°	64.4	40.6	16.8	6.3	2.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	67.2	38.5	14.0	4.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	72.8	38.5	12.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	79.9	38.5	10.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	89.0	39.2	9.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	100.2	40.6	8.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	108.6	39.2	7.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	123.3	37.8	7.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	142.9	35.7	7.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	162.5	32.9	7.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	184.9	31.5	6.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	305.4	28.0	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	589.8	26.6	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	953.3	26.6	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1002.3	26.6	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	666.8	21.7	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	357.2	19.6	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	192.6	18.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	84.8	13.3	3.5	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	33.6	9.1	4.2	3.5	2.8	1.4	0.0	0.0	0.0	0.0	0.0
85°	16.1	7.0	5.6	4.9	3.5	2.1	0.0	0.0	0.0	0.0	0.0
87.5°	7.7	7.0	6.3	5.6	4.9	3.5	0.7	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

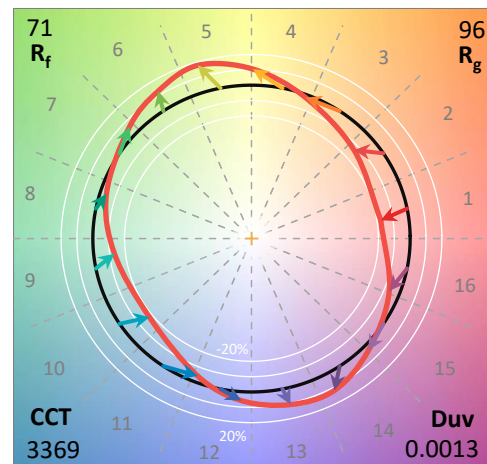
Test Information

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
 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



CCT = 3369K
 CIE x = 0.4143
 CIE y = 0.3980
 Duv = 0.0013

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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			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



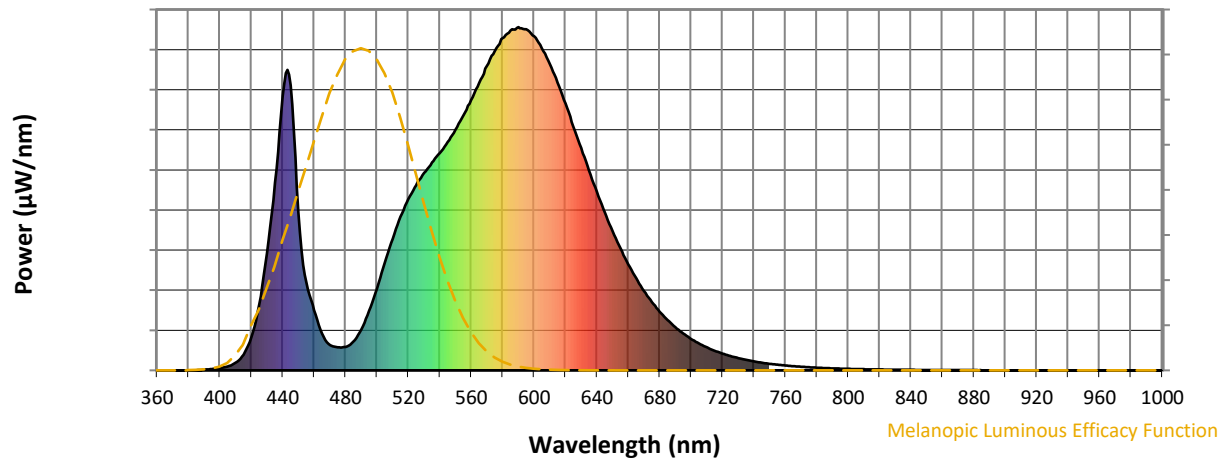
Scotopic Lumens: NR

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

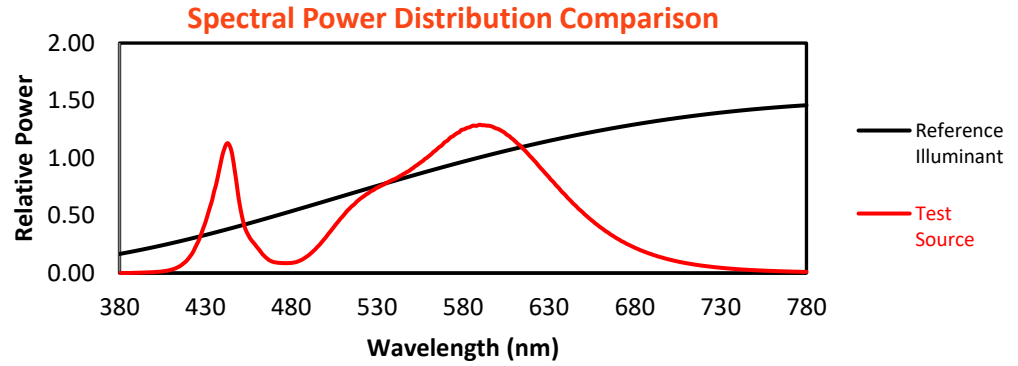
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	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



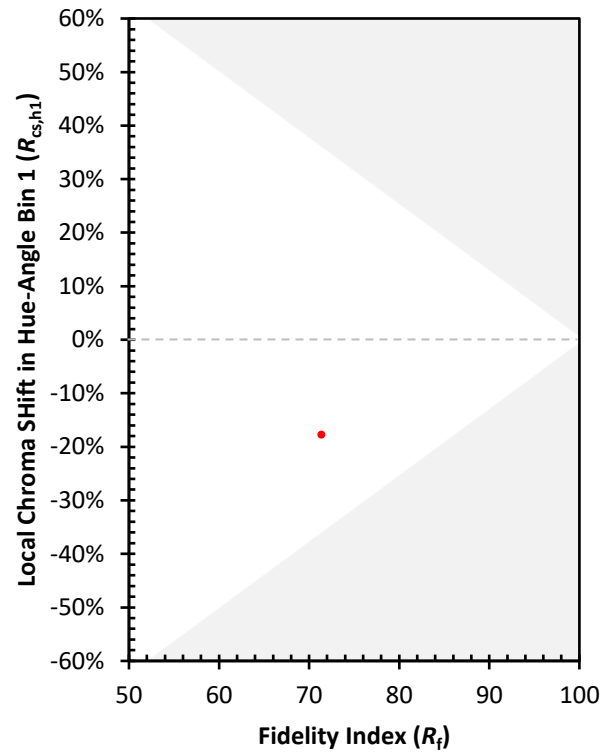
Individual Sample Fidelity Index ($R_{f,i}$)

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)