

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: FAIL-SAFE

Report Number: P1356845

Luminaire Tested: 2ASL4-15HE-2-92765-UNV_5000K

Issue Date: 2/17/2026

Test Information

Test Method: LM-79-2019
Report Number: P1356845
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2511-597-7)
Test Lab: INNOVATION CENTER
Issue Date: 2/17/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: FAIL-SAFE
Catalog Number: 2ASL4-15HE-2-92765-UNV_5000K
Description: 2FT 1500 LUMEN PER FOOT 4ASL LED LUMINAIRE WITH OPL LENS AND 5000K LEDS 2 ROW
Light Source: -
Ballast/Driver: -

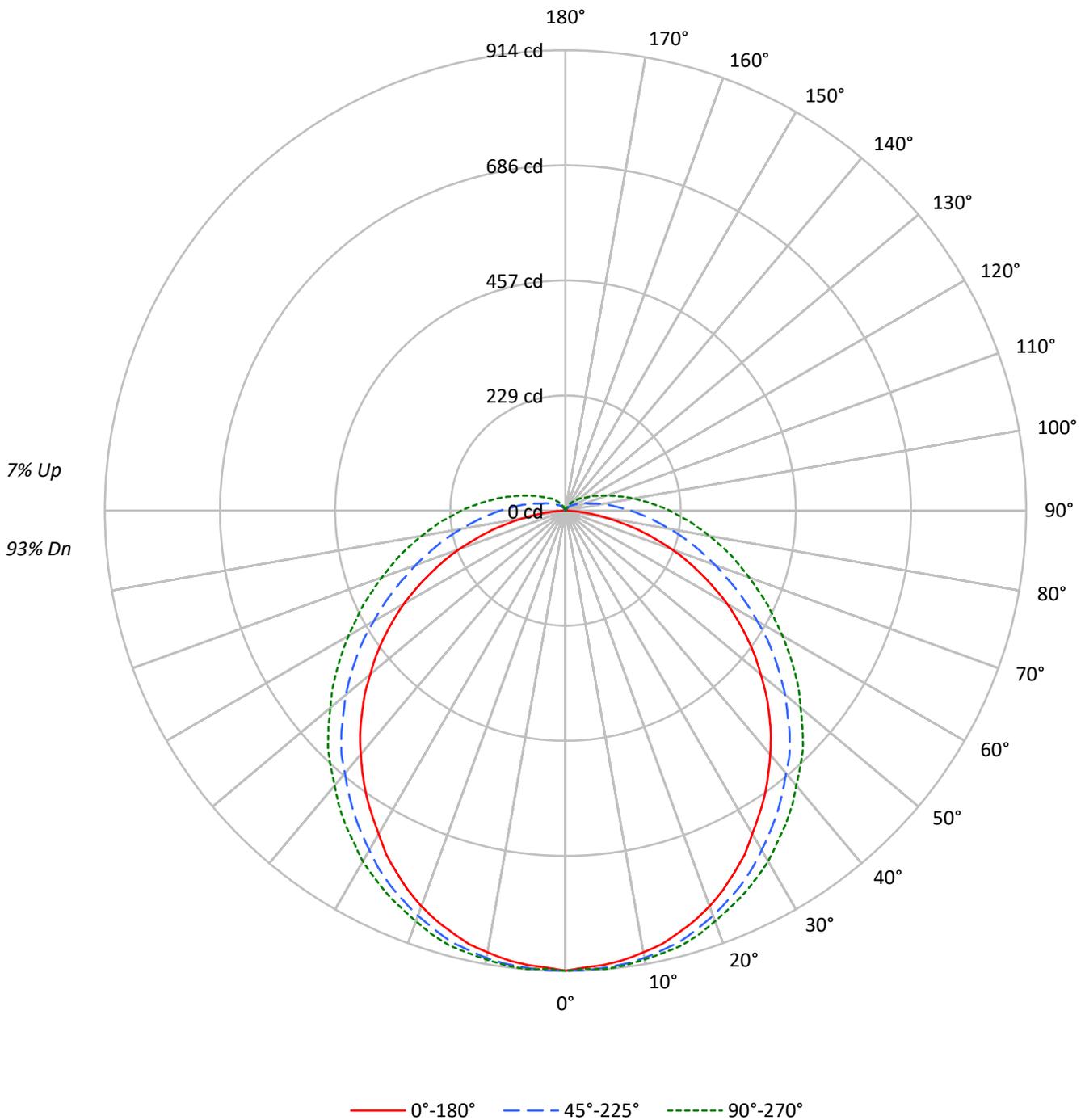
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3136.0 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Spacing Criteria (0/90/45): 1.21 / 1.3 / 1.4
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 1.98' x H: 0.1')
CIE Type: Direct

Input Watts (W): 27.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.6	2.8
10°-20°	249.0	7.9
20°-30°	377.3	12.0
30°-40°	456.4	14.6
40°-50°	481.1	15.3
50°-60°	449.0	14.3
60°-70°	370.7	11.8
70°-80°	268.9	8.6
80°-90°	169.9	5.4
90°-100°	101.4	3.2
100°-110°	58.1	1.9
110°-120°	33.0	1.1
120°-130°	18.8	0.6
130°-140°	10.2	0.3
140°-150°	4.5	0.1
150°-160°	0.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	713.0	22.7
0°-40°	1169.3	37.3
0°-60°	2099.5	66.9
0°-90°	2909.1	92.8
90°-120°	192.6	6.1
90°-150°	226.1	7.2
90°-180°	227.0	7.2
0°-180°	3136.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	914	914	914	914	914	
5°	905	914	911	911	914	86
15°	868	879	885	888	893	245
25°	793	804	822	833	839	365
35°	689	707	732	753	761	431
45°	572	595	629	655	666	441
55°	440	465	506	540	554	393
65°	296	328	376	422	442	294
75°	152	192	261	316	339	160
85°	29	89	167	224	247	35
90°	0	55	129	184	207	1
95°	0	34	98	149	170	0
105°	0	12	55	95	109	0
115°	0	6	32	58	69	0
125°	0	3	20	37	43	0
135°	0	0	12	23	29	0
145°	0	0	6	14	17	0
155°	0	0	0	3	6	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	913.5	913.5	913.5	913.5	913.5
2.5°	907.7	916.4	913.5	910.6	910.6
5°	904.9	913.5	910.6	910.6	913.5
7.5°	899.1	907.7	907.7	907.7	910.6
10°	890.5	902.0	902.0	902.0	904.9
12.5°	881.9	890.5	893.4	896.2	899.1
15°	867.5	879.0	884.8	887.6	893.4
17.5°	853.2	861.8	870.4	879.0	881.9
20°	835.9	847.4	856.0	864.7	867.5
22.5°	815.8	827.3	838.8	847.4	853.2
25°	792.8	804.3	821.6	833.1	838.8
27.5°	769.9	781.3	801.5	815.8	821.6
30°	741.1	758.4	778.5	795.7	804.3
32.5°	715.3	732.5	755.5	775.6	781.3
35°	689.4	706.7	732.5	752.6	761.2
37.5°	660.7	680.8	706.7	729.6	738.3
40°	632.0	652.1	680.8	706.7	712.4
42.5°	603.2	623.4	657.8	680.8	689.4
45°	571.6	594.6	629.1	655.0	666.4
47.5°	540.0	563.0	597.5	626.2	637.7
50°	505.6	531.4	568.8	597.5	609.0
52.5°	474.0	499.8	537.2	568.8	583.1
55°	439.5	465.4	505.6	540.0	554.4
57.5°	405.0	430.9	474.0	511.3	525.7
60°	370.6	396.4	439.5	482.6	497.0
62.5°	333.2	361.9	407.9	451.0	468.2
65°	295.9	327.5	376.3	422.3	442.4
67.5°	261.4	293.0	344.7	396.4	413.7
70°	224.1	258.5	316.0	367.7	387.8
72.5°	186.7	224.1	287.3	341.8	361.9
75°	152.2	192.5	261.4	316.0	339.0
77.5°	114.9	163.7	235.6	293.0	313.1
80°	83.3	135.0	209.7	270.0	290.1
82.5°	54.6	109.2	186.7	247.0	267.2
85°	28.7	89.1	166.6	224.1	247.0
87.5°	8.6	68.9	146.5	204.0	224.1
90°	0.0	54.6	129.3	183.8	206.8
92.5°	0.0	43.1	112.0	166.6	186.7
95°	0.0	34.5	97.7	149.4	169.5
97.5°	0.0	28.7	86.2	135.0	152.2
100°	0.0	23.0	74.7	120.6	137.9
102.5°	0.0	17.2	63.2	106.3	123.5
105°	0.0	11.5	54.6	94.8	109.2
107.5°	0.0	8.6	46.0	83.3	97.7
110°	0.0	8.6	43.1	71.8	86.2



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	5.7	37.3	66.1	77.6
115°	0.0	5.7	31.6	57.5	68.9
117.5°	0.0	5.7	28.7	51.7	63.2
120°	0.0	5.7	25.9	46.0	54.6
122.5°	0.0	2.9	23.0	40.2	48.8
125°	0.0	2.9	20.1	37.3	43.1
127.5°	0.0	2.9	17.2	34.5	40.2
130°	0.0	2.9	17.2	31.6	37.3
132.5°	0.0	0.0	14.4	28.7	34.5
135°	0.0	0.0	11.5	23.0	28.7
137.5°	0.0	0.0	11.5	20.1	25.9
140°	0.0	0.0	8.6	20.1	23.0
142.5°	0.0	0.0	5.7	17.2	20.1
145°	0.0	0.0	5.7	14.4	17.2
147.5°	0.0	0.0	2.9	11.5	14.4
150°	0.0	0.0	2.9	8.6	11.5
152.5°	0.0	0.0	0.0	5.7	8.6
155°	0.0	0.0	0.0	2.9	5.7
157.5°	0.0	0.0	0.0	0.0	2.9
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0



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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	18.67	20.20	19.14	20.66	21.15	20.64	22.18	21.12	22.64	23.13
	3H	20.17	21.57	20.66	22.04	22.57	23.06	24.46	23.54	24.93	25.46
	4H	20.65	21.98	21.16	22.47	23.01	24.24	25.57	24.74	26.05	26.60
	6H	20.93	22.17	21.45	22.67	23.23	25.46	26.70	25.98	27.20	27.76
	8H	20.98	22.17	21.51	22.69	23.26	26.08	27.27	26.61	27.79	28.36
	12H	21.00	22.14	21.54	22.65	23.25	26.75	27.89	27.29	28.40	29.00
4H	2H	19.53	20.86	20.04	21.35	21.89	21.08	22.41	21.59	22.89	23.44
	3H	21.27	22.41	21.79	22.94	23.50	23.72	24.86	24.24	25.39	25.95
	4H	21.88	22.92	22.42	23.46	24.06	25.08	26.12	25.62	26.66	27.26
	6H	22.29	23.20	22.85	23.77	24.38	26.50	27.42	27.06	27.98	28.59
	8H	22.38	23.25	22.95	23.81	24.44	27.23	28.09	27.79	28.66	29.28
	12H	22.43	23.22	23.02	23.81	24.44	28.02	28.80	28.61	29.40	30.03
8H	4H	22.56	23.42	23.12	23.99	24.61	25.30	26.16	25.87	26.73	27.36
	6H	23.15	23.88	23.74	24.49	25.12	26.90	27.63	27.50	28.24	28.87
	8H	23.33	23.99	23.94	24.61	25.26	27.77	28.43	28.38	29.05	29.70
	12H	23.46	24.05	24.07	24.65	25.36	28.75	29.34	29.36	29.95	30.66
12H	4H	22.75	23.53	23.34	24.13	24.76	25.31	26.10	25.90	26.69	27.32
	6H	23.44	24.10	24.05	24.72	25.36	26.94	27.60	27.55	28.22	28.86
	8H	23.73	24.31	24.34	24.92	25.63	27.88	28.47	28.49	29.08	29.79