

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: P1356811

Luminaire Tested: 2ASL4-10HE-2-92765-UNV_2700K

Issue Date: 2/17/2026

Test Information

Test Method: LM-79-2019
Report Number: P1356811
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: 2ASL4-10HE-2-92765-UNV_2700K
Description: 2FT 1000 LUMEN PER FOOT 4ASL LED LUMINAIRE WITH OPL LENS AND 2700K LEDS 2 ROW
Light Source: -
Ballast/Driver: -

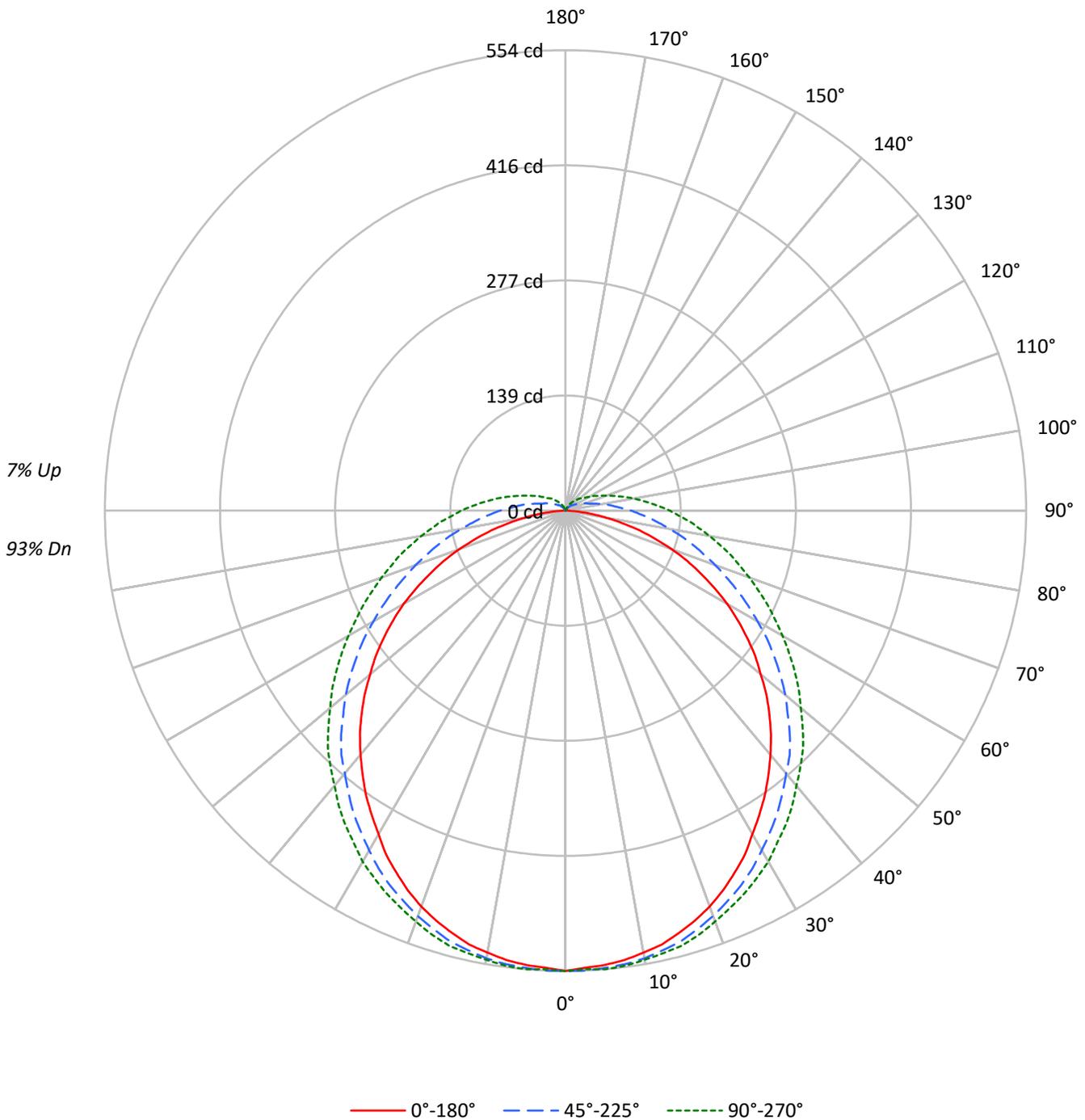
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1902.0 lumens
Efficiency: N/A
Efficacy: 108.1 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): 17.6
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°	52.5	2.8
10°-20°	151.0	7.9
20°-30°	228.9	12.0
30°-40°	276.8	14.6
40°-50°	291.8	15.3
50°-60°	272.3	14.3
60°-70°	224.8	11.8
70°-80°	163.1	8.6
80°-90°	103.1	5.4
90°-100°	61.5	3.2
100°-110°	35.3	1.9
110°-120°	20.0	1.1
120°-130°	11.4	0.6
130°-140°	6.2	0.3
140°-150°	2.7	0.1
150°-160°	0.5	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	432.4	22.7
0°-40°	709.2	37.3
0°-60°	1273.4	67.0
0°-90°	1764.4	92.8
90°-120°	116.8	6.1
90°-150°	137.1	7.2
90°-180°	138.0	7.3
0°-180°	1902.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	554	554	554	554	554	
5°	549	554	552	552	554	52
15°	526	533	537	538	542	148
25°	481	488	498	505	509	222
35°	418	429	444	456	462	261
45°	347	361	382	397	404	267
55°	267	282	307	328	336	238
65°	180	199	228	256	268	178
75°	92	117	158	192	206	97
85°	17	54	101	136	150	21
90°	0	33	78	112	125	1
95°	0	21	59	91	103	0
105°	0	7	33	58	66	0
115°	0	4	19	35	42	0
125°	0	2	12	23	26	0
135°	0	0	7	14	17	0
145°	0	0	4	9	10	0
155°	0	0	0	2	4	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°	554.0	554.0	554.0	554.0	554.0
2.5°	550.5	555.8	554.0	552.3	552.3
5°	548.8	554.0	552.3	552.3	554.0
7.5°	545.3	550.5	550.5	550.5	552.3
10°	540.1	547.1	547.1	547.1	548.8
12.5°	534.9	540.1	541.8	543.6	545.3
15°	526.2	533.1	536.6	538.4	541.8
17.5°	517.4	522.7	527.9	533.1	534.9
20°	507.0	514.0	519.2	524.4	526.2
22.5°	494.8	501.8	508.7	514.0	517.4
25°	480.9	487.8	498.3	505.3	508.7
27.5°	466.9	473.9	486.1	494.8	498.3
30°	449.5	460.0	472.1	482.6	487.8
32.5°	433.8	444.3	458.2	470.4	473.9
35°	418.1	428.6	444.3	456.5	461.7
37.5°	400.7	412.9	428.6	442.5	447.8
40°	383.3	395.5	412.9	428.6	432.1
42.5°	365.9	378.1	399.0	412.9	418.1
45°	346.7	360.6	381.6	397.2	404.2
47.5°	327.5	341.5	362.4	379.8	386.8
50°	306.6	322.3	345.0	362.4	369.4
52.5°	287.5	303.2	325.8	345.0	353.7
55°	266.6	282.2	306.6	327.5	336.3
57.5°	245.7	261.3	287.5	310.1	318.8
60°	224.7	240.4	266.6	292.7	301.4
62.5°	202.1	219.5	247.4	273.5	284.0
65°	179.5	198.6	228.2	256.1	268.3
67.5°	158.5	177.7	209.1	240.4	250.9
70°	135.9	156.8	191.6	223.0	235.2
72.5°	113.2	135.9	174.2	207.3	219.5
75°	92.3	116.7	158.5	191.6	205.6
77.5°	69.7	99.3	142.9	177.7	189.9
80°	50.5	81.9	127.2	163.8	176.0
82.5°	33.1	66.2	113.2	149.8	162.0
85°	17.4	54.0	101.1	135.9	149.8
87.5°	5.2	41.8	88.9	123.7	135.9
90°	0.0	33.1	78.4	111.5	125.4
92.5°	0.0	26.1	67.9	101.1	113.2
95°	0.0	20.9	59.2	90.6	102.8
97.5°	0.0	17.4	52.3	81.9	92.3
100°	0.0	13.9	45.3	73.2	83.6
102.5°	0.0	10.5	38.3	64.5	74.9
105°	0.0	7.0	33.1	57.5	66.2
107.5°	0.0	5.2	27.9	50.5	59.2
110°	0.0	5.2	26.1	43.6	52.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	3.5	22.6	40.1	47.0
115°	0.0	3.5	19.2	34.8	41.8
117.5°	0.0	3.5	17.4	31.4	38.3
120°	0.0	3.5	15.7	27.9	33.1
122.5°	0.0	1.7	13.9	24.4	29.6
125°	0.0	1.7	12.2	22.6	26.1
127.5°	0.0	1.7	10.5	20.9	24.4
130°	0.0	1.7	10.5	19.2	22.6
132.5°	0.0	0.0	8.7	17.4	20.9
135°	0.0	0.0	7.0	13.9	17.4
137.5°	0.0	0.0	7.0	12.2	15.7
140°	0.0	0.0	5.2	12.2	13.9
142.5°	0.0	0.0	3.5	10.5	12.2
145°	0.0	0.0	3.5	8.7	10.5
147.5°	0.0	0.0	1.7	7.0	8.7
150°	0.0	0.0	1.7	5.2	7.0
152.5°	0.0	0.0	0.0	3.5	5.2
155°	0.0	0.0	0.0	1.7	3.5
157.5°	0.0	0.0	0.0	0.0	1.7
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	16.93	18.47	17.40	18.93	19.42	18.91	20.44	19.38	20.90	21.39
	3H	18.43	19.83	18.92	20.30	20.84	21.32	22.72	21.81	23.19	23.72
	4H	18.92	20.24	19.42	20.73	21.27	22.50	23.83	23.01	24.32	24.86
	6H	19.19	20.43	19.71	20.93	21.49	23.72	24.96	24.24	25.46	26.02
	8H	19.25	20.43	19.78	20.96	21.52	24.34	25.53	24.87	26.05	26.62
	12H	19.26	20.40	19.80	20.92	21.51	25.01	26.15	25.55	26.67	27.26
4H	2H	17.79	19.12	18.30	19.61	20.15	19.34	20.67	19.85	21.16	21.70
	3H	19.54	20.67	20.06	21.20	21.77	21.99	23.12	22.51	23.65	24.22
	4H	20.15	21.18	20.69	21.72	22.32	23.34	24.38	23.88	24.92	25.52
	6H	20.55	21.46	21.11	22.03	22.64	24.76	25.68	25.32	26.24	26.86
	8H	20.65	21.51	21.21	22.08	22.70	25.49	26.35	26.05	26.92	27.54
	12H	20.69	21.48	21.28	22.07	22.70	26.28	27.07	26.87	27.66	28.29
8H	4H	20.82	21.68	21.39	22.25	22.88	23.57	24.43	24.13	24.99	25.62
	6H	21.41	22.14	22.01	22.75	23.38	25.16	25.89	25.76	26.50	27.13
	8H	21.60	22.26	22.21	22.88	23.52	26.04	26.70	26.64	27.31	27.96
	12H	21.72	22.31	22.33	22.92	23.63	27.01	27.60	27.62	28.21	28.92
12H	4H	21.01	21.80	21.60	22.39	23.02	23.57	24.36	24.16	24.95	25.58
	6H	21.70	22.36	22.31	22.98	23.62	25.20	25.86	25.81	26.48	27.13
	8H	21.99	22.58	22.60	23.18	23.89	26.15	26.74	26.76	27.34	28.05