

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: IRiS

Report Number: P1254790

Luminaire Tested: P3AS13R509035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254790
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R509035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

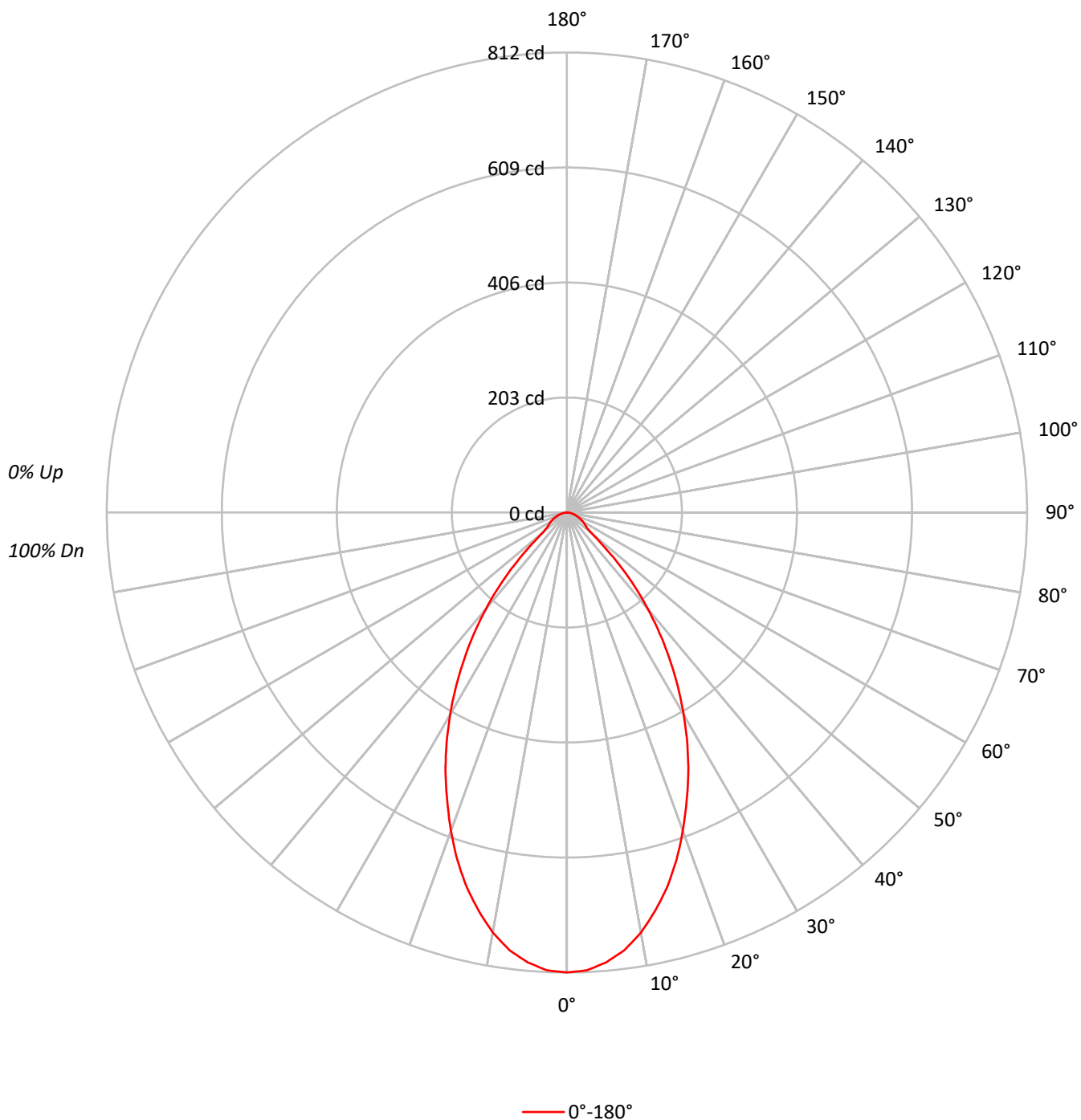
Lumens per Lamp: N/A
Luminaire Lumens: 876.0 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): 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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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		91
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		83
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		75
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		69
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		63
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		58
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		53
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		50
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		46
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	178012
5°	175390
10°	167621
15°	155256
20°	139522
25°	122644
30°	104295
35°	84564
40°	63548
45°	40934
50°	19445
55°	15292
60°	14473
65°	13490
70°	12182
75°	11014
80°	10102
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40934 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	74.7	8.5
10°-20°	190.7	21.8
20°-30°	231.7	26.4
30°-40°	196.4	22.4
40°-50°	102.1	11.7
50°-60°	36.8	4.2
60°-70°	25.5	2.9
70°-80°	13.8	1.6
80°-90°	4.4	0.5
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°-30°	497.0	56.7
0°-40°	693.5	79.2
0°-60°	832.4	95.0
0°-90°	876.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	876.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	812	
5°	797	75
15°	684	191
25°	507	232
35°	316	196
45°	132	102
55°	40	37
65°	26	25
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	811.8
2.5°	808.8
5°	796.8
7.5°	778.8
10°	752.8
12.5°	719.9
15°	683.9
17.5°	642.9
20°	597.9
22.5°	551.9
25°	506.9
27.5°	459.9
30°	411.9
32.5°	363.9
35°	315.9
37.5°	268.9
40°	222.0
42.5°	177.0
45°	132.0
47.5°	88.0
50°	57.0
52.5°	44.0
55°	40.0
57.5°	36.0
60°	33.0
62.5°	29.0
65°	26.0
67.5°	22.0
70°	19.0
72.5°	16.0
75°	13.0
77.5°	10.0
80°	8.0
82.5°	6.0
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)