

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: P1295374

Luminaire Tested: P3A13R15W2N902750DE010 E3DL1LI_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295374
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3DL1LI_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3500K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

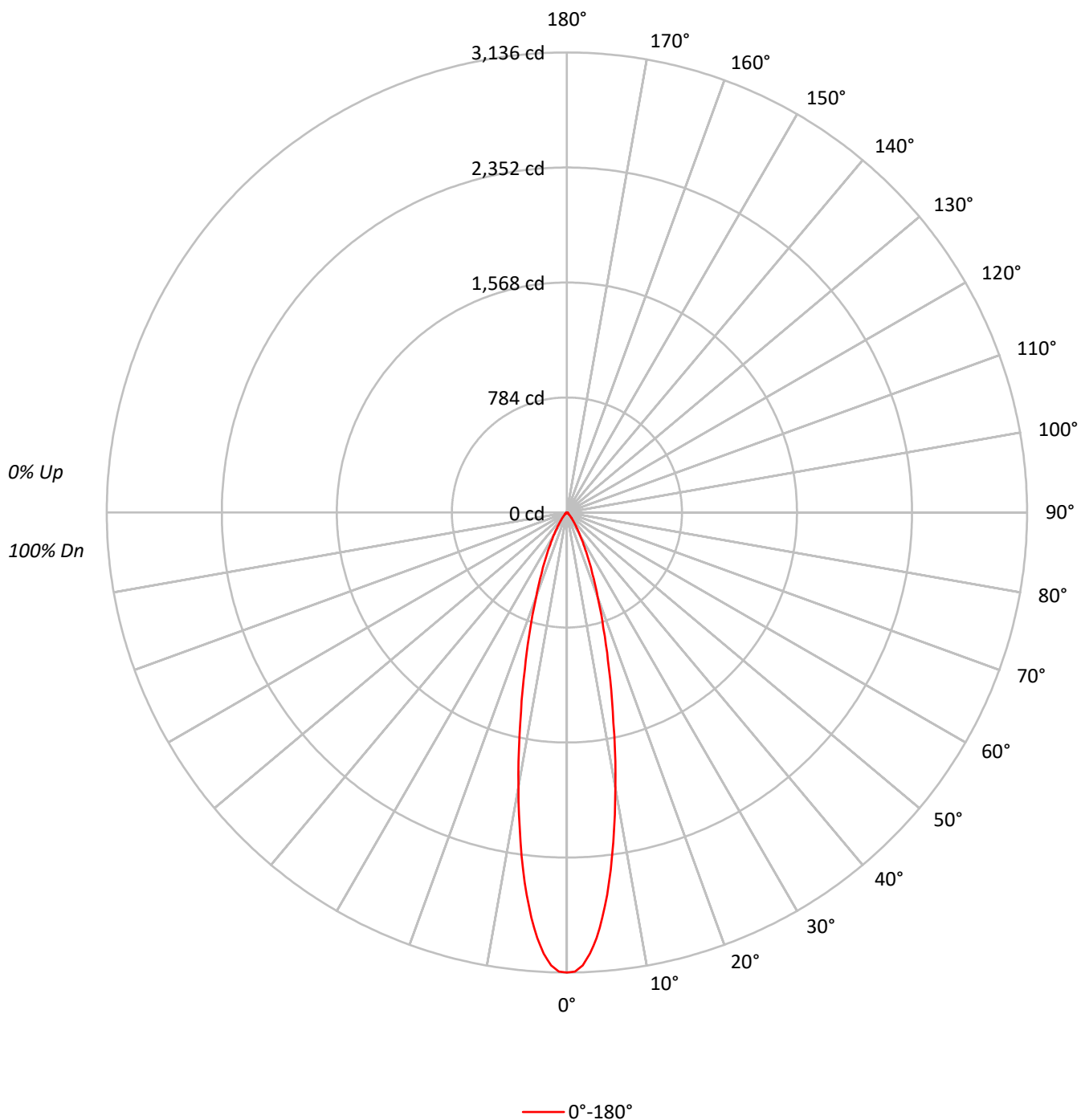
Lumens per Lamp: N/A
Luminaire Lumens: 805.1 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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				10			
RW	70	50	30	10	70	50	30	10	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	102	102	102	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91		
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87		
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83		
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80		
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77		
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74		
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72		
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69		
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	687686
5°	610410
10°	423907
15°	250694
20°	142789
25°	81610
30°	45172
35°	24092
40°	13311
45°	7226
50°	4503
55°	3555
60°	3070
65°	2802
70°	2500
75°	2626
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Luminance: 7226 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.8	29.3
10°-20°	311.2	38.7
20°-30°	160.2	19.9
30°-40°	60.2	7.5
40°-50°	19.7	2.4
50°-60°	8.5	1.1
60°-70°	5.4	0.7
70°-80°	3.2	0.4
80°-90°	0.9	0.1
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°-30°	707.3	87.9
0°-40°	767.5	95.3
0°-60°	795.7	98.8
0°-90°	805.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	805.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3136	
5°	2773	236
15°	1104	311
25°	337	160
35°	90	60
45°	23	20
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3136.1
1°	3129.9
2°	3088.8
3°	3010.4
4°	2907.3
5°	2773.1
6°	2621.2
7°	2454.4
8°	2269.1
9°	2086.1
10°	1903.8
12.5°	1464.9
15°	1104.3
17.5°	826.7
20°	611.9
22.5°	456.8
25°	337.3
27.5°	245.8
30°	178.4
32.5°	126.4
35°	90.0
37.5°	64.4
40°	46.5
42.5°	33.3
45°	23.3
47.5°	17.1
50°	13.2
52.5°	10.9
55°	9.3
57.5°	7.8
60°	7.0
62.5°	6.2
65°	5.4
67.5°	4.7
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.3
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)