

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: P1300515

Luminaire Tested: P3A17R35W2N902750DE010 E3DLD1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300515
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3DLD1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

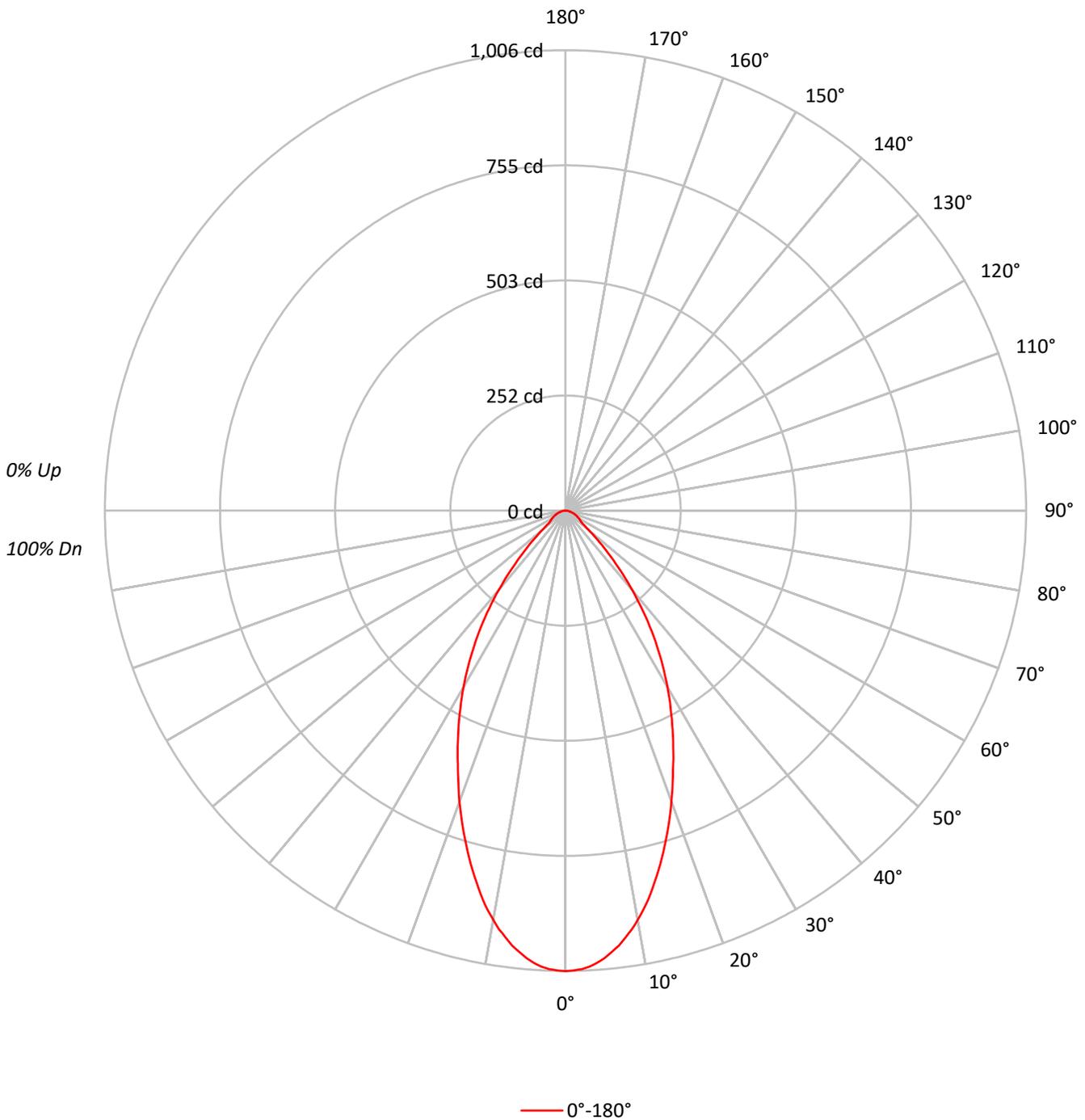
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 966.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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			0	
RW	70	50	30	10	70	50	30	10	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			100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	220662
5°	215980
10°	202267
15°	181567
20°	157934
25°	134596
30°	112752
35°	89784
40°	64922
45°	41090
50°	22413
55°	15522
60°	14648
65°	13646
70°	13015
75°	11099
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41090 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.3	9.5
10°-20°	222.6	23.0
20°-30°	255.1	26.4
30°-40°	208.1	21.5
40°-50°	105.0	10.9
50°-60°	39.0	4.0
60°-70°	26.1	2.7
70°-80°	14.5	1.5
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°	568.9	58.9
0°-40°	777.1	80.4
0°-60°	921.0	95.3
0°-90°	966.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	966.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1006	
5°	981	91
15°	800	223
25°	556	255
35°	335	208
45°	132	105
55°	41	39
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1006.3
1°	1005.1
2°	1002.7
3°	997.9
4°	990.8
5°	981.2
6°	969.3
7°	957.4
8°	941.8
9°	926.3
10°	908.4
11°	889.3
12°	869.0
13°	846.3
14°	822.5
15°	799.8
17.5°	738.9
20°	676.8
22.5°	613.6
25°	556.3
27.5°	500.2
30°	445.3
32.5°	390.3
35°	335.4
37.5°	280.5
40°	226.8
42.5°	176.7
45°	132.5
47.5°	95.5
50°	65.7
52.5°	47.7
55°	40.6
57.5°	37.0
60°	33.4
62.5°	29.8
65°	26.3
67.5°	22.7
70°	20.3
72.5°	16.7
75°	13.1
77.5°	10.7
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)