

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: P1300516

Luminaire Tested: P3A17R35W2N902750DE010 E3DLD1H_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300516
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

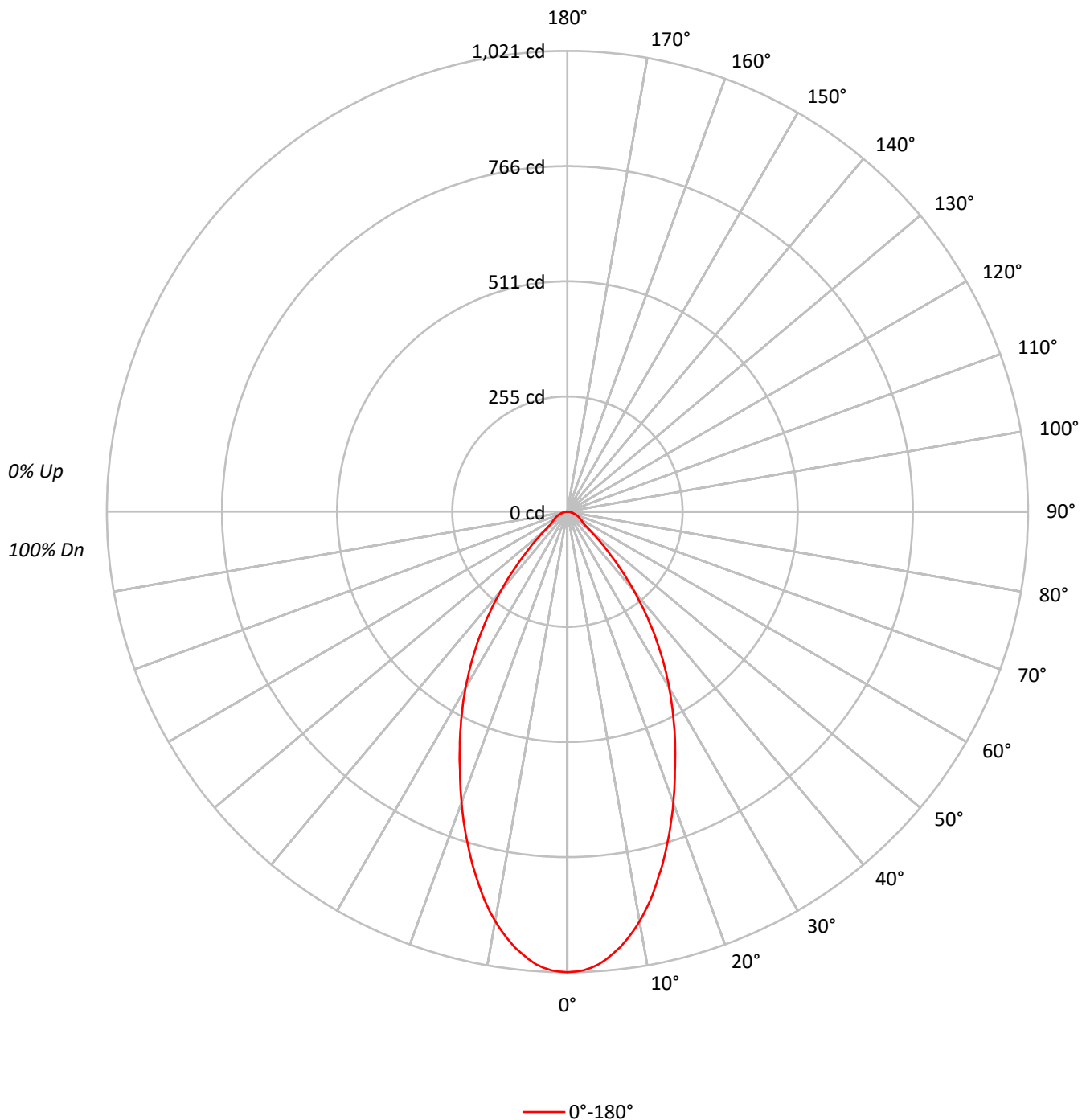
Lumens per Lamp: N/A
Luminaire Lumens: 980.0 lumens
Efficiency: N/A
Efficacy: 50.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223864
5°	219128
10°	205207
15°	184201
20°	160221
25°	136532
30°	114372
35°	91096
40°	65866
45°	41679
50°	22720
55°	15751
60°	14867
65°	13802
70°	13207
75°	11268
80°	10734
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41679 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.6	9.5
10°-20°	225.8	23.0
20°-30°	258.8	26.4
30°-40°	211.2	21.5
40°-50°	106.5	10.9
50°-60°	39.5	4.0
60°-70°	26.5	2.7
70°-80°	14.7	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°	577.2	58.9
0°-40°	788.3	80.4
0°-60°	934.3	95.3
0°-90°	980.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	980.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1021	
5°	996	93
15°	811	226
25°	564	259
35°	340	211
45°	134	106
55°	41	40
65°	27	27
75°	13	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1020.9
1°	1019.7
2°	1017.3
3°	1012.4
4°	1005.1
5°	995.5
6°	983.3
7°	971.2
8°	955.5
9°	939.8
10°	921.6
11°	902.2
12°	881.6
13°	858.6
14°	834.4
15°	811.4
17.5°	749.6
20°	686.6
22.5°	622.5
25°	564.3
27.5°	507.4
30°	451.7
32.5°	396.0
35°	340.3
37.5°	284.6
40°	230.1
42.5°	179.2
45°	134.4
47.5°	96.9
50°	66.6
52.5°	48.4
55°	41.2
57.5°	37.5
60°	33.9
62.5°	30.3
65°	26.6
67.5°	23.0
70°	20.6
72.5°	17.0
75°	13.3
77.5°	10.9
80°	8.5
82.5°	6.1
85°	3.6
87.5°	2.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)