

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: P1300499

Luminaire Tested: P3A17R35W2N902750DE010 E3DL1WH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300499
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3DL1WH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

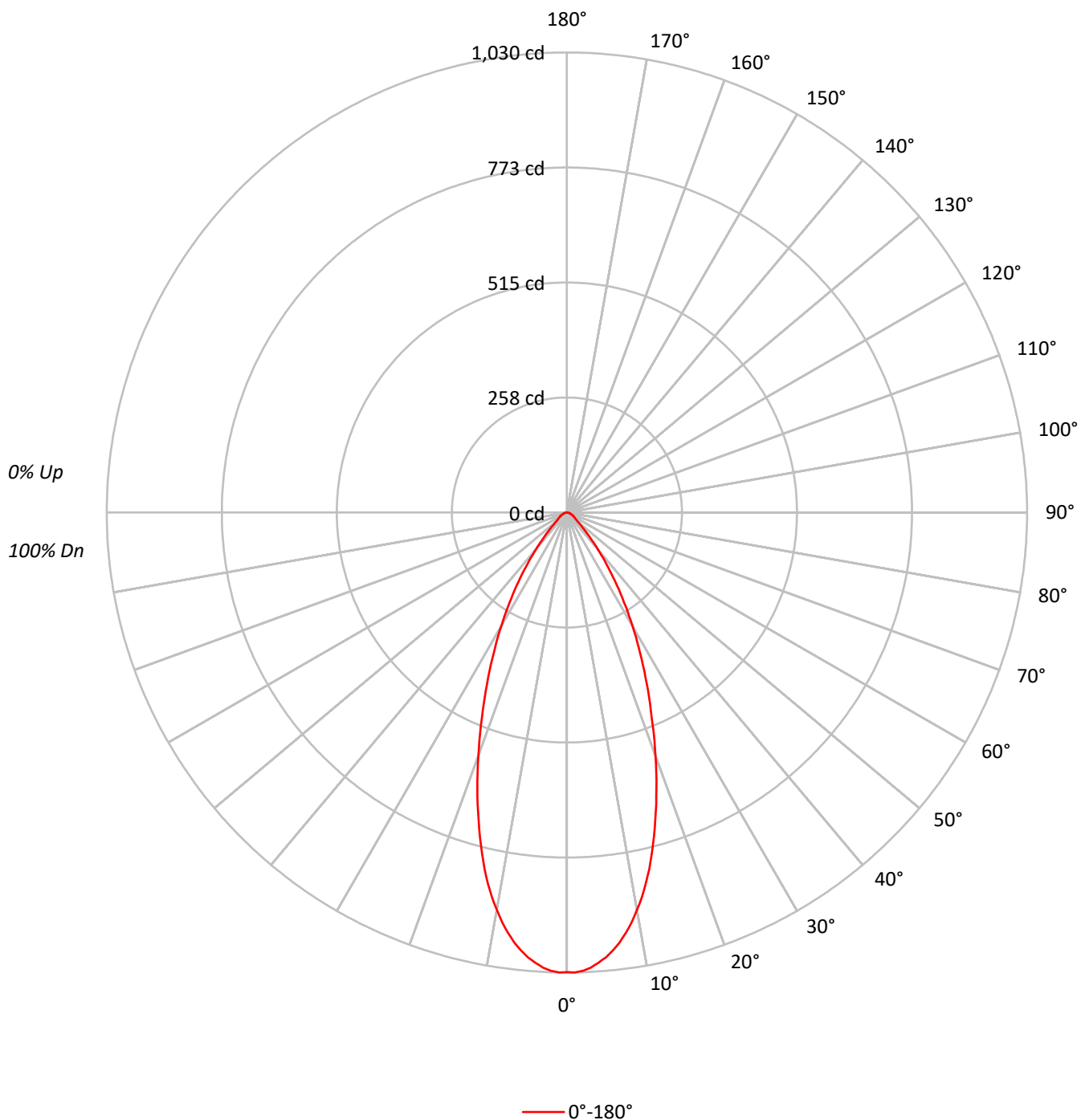
Lumens per Lamp: N/A
Luminaire Lumens: 702.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	225640
5°	220074
10°	201199
15°	170784
20°	135205
25°	102248
30°	74442
35°	50353
40°	30944
45°	17769
50°	10678
55°	8678
60°	7587
65°	6745
70°	5514
75°	5507
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17769 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.4	13.2
10°-20°	207.4	29.5
20°-30°	194.0	27.6
30°-40°	118.8	16.9
40°-50°	46.8	6.7
50°-60°	20.6	2.9
60°-70°	12.8	1.8
70°-80°	6.8	1.0
80°-90°	2.4	0.3
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°	493.8	70.3
0°-40°	612.6	87.3
0°-60°	680.0	96.9
0°-90°	702.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	702.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1029	
5°	1000	92
15°	752	207
25°	423	194
35°	188	119
45°	57	47
55°	23	21
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1029.0
1°	1030.1
2°	1026.8
3°	1020.4
4°	1010.6
5°	999.8
6°	985.8
7°	969.6
8°	950.1
9°	928.5
10°	903.6
11°	877.7
12°	849.6
13°	819.3
14°	785.8
15°	752.3
17.5°	665.8
20°	579.4
22.5°	496.1
25°	422.6
27.5°	354.5
30°	294.0
32.5°	237.8
35°	188.1
37.5°	143.8
40°	108.1
42.5°	77.8
45°	57.3
47.5°	41.1
50°	31.3
52.5°	25.9
55°	22.7
57.5°	19.5
60°	17.3
62.5°	15.1
65°	13.0
67.5°	10.8
70°	8.6
72.5°	7.6
75°	6.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)