

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: P1300193

Luminaire Tested: P3A17R30W2N902750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300193
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

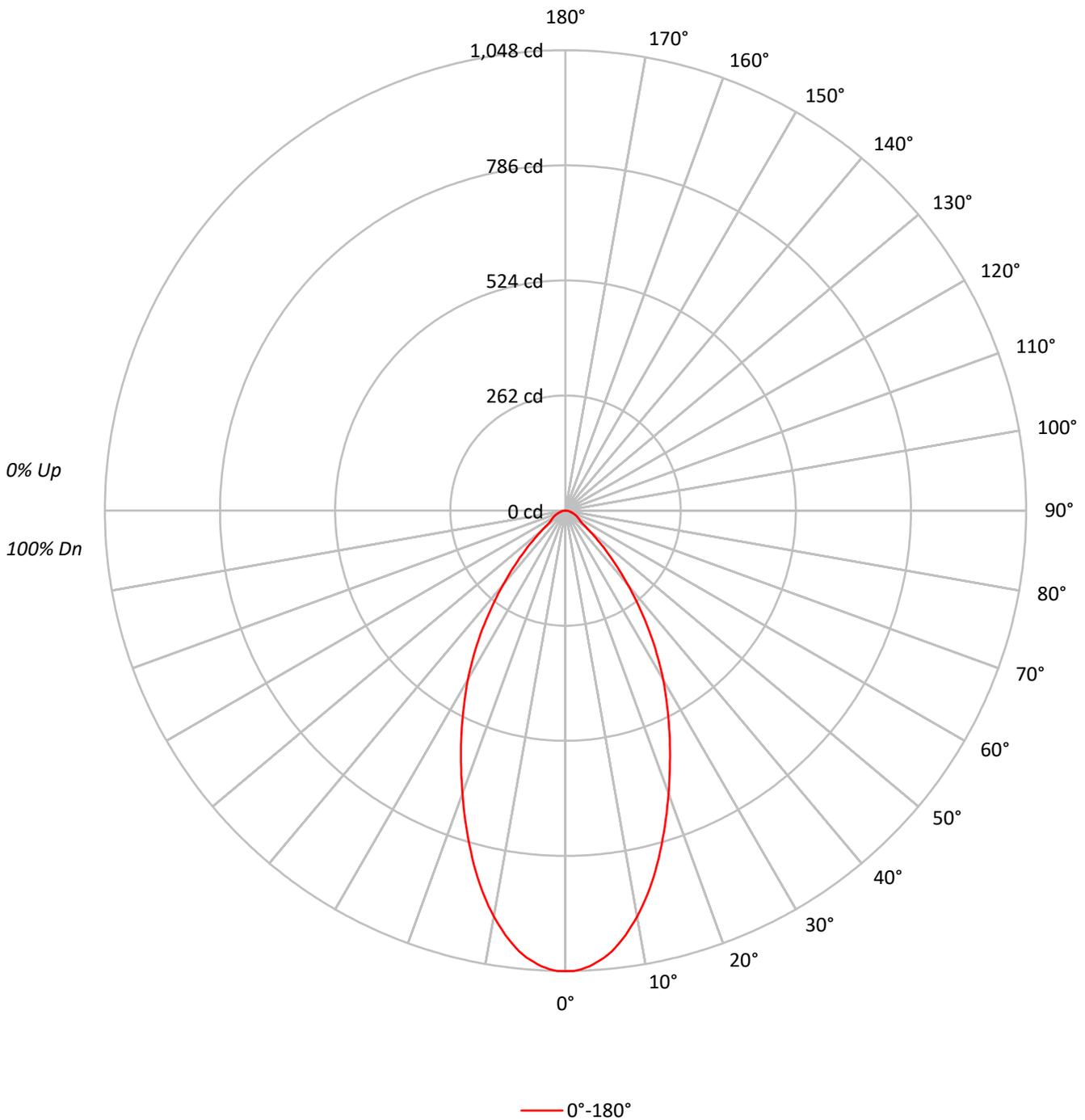
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 973.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
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			
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76			
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70			
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59			
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51			
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48			
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229872
5°	224697
10°	208970
15°	185949
20°	159917
25°	135492
30°	112473
35°	88205
40°	63233
45°	41462
50°	23641
55°	15522
60°	14648
65°	13646
70°	12246
75°	11099
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 41462 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.8	9.7
10°-20°	227.7	23.4
20°-30°	256.6	26.4
30°-40°	204.9	21.1
40°-50°	105.3	10.8
50°-60°	39.6	4.1
60°-70°	26.0	2.7
70°-80°	14.0	1.4
80°-90°	4.1	0.4
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°	579.1	59.5
0°-40°	784.0	80.6
0°-60°	929.0	95.5
0°-90°	973.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	973.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1048	
5°	1021	95
15°	819	228
25°	560	257
35°	330	205
45°	134	105
55°	41	40
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1048.3
1°	1048.3
2°	1044.7
3°	1038.8
4°	1030.4
5°	1020.8
6°	1008.9
7°	993.4
8°	976.7
9°	957.6
10°	938.5
11°	917.0
12°	894.3
13°	870.4
14°	845.3
15°	819.1
17.5°	752.2
20°	685.3
22.5°	620.9
25°	560.0
27.5°	500.3
30°	444.2
32.5°	386.8
35°	329.5
37.5°	273.4
40°	220.9
42.5°	174.3
45°	133.7
47.5°	99.1
50°	69.3
52.5°	49.0
55°	40.6
57.5°	37.0
60°	33.4
62.5°	29.8
65°	26.3
67.5°	22.7
70°	19.1
72.5°	15.5
75°	13.1
77.5°	10.7
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)