

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: P1300186

Luminaire Tested: P3A17R30W2N902750DE010 E3DLD1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300186
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 E3DLD1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

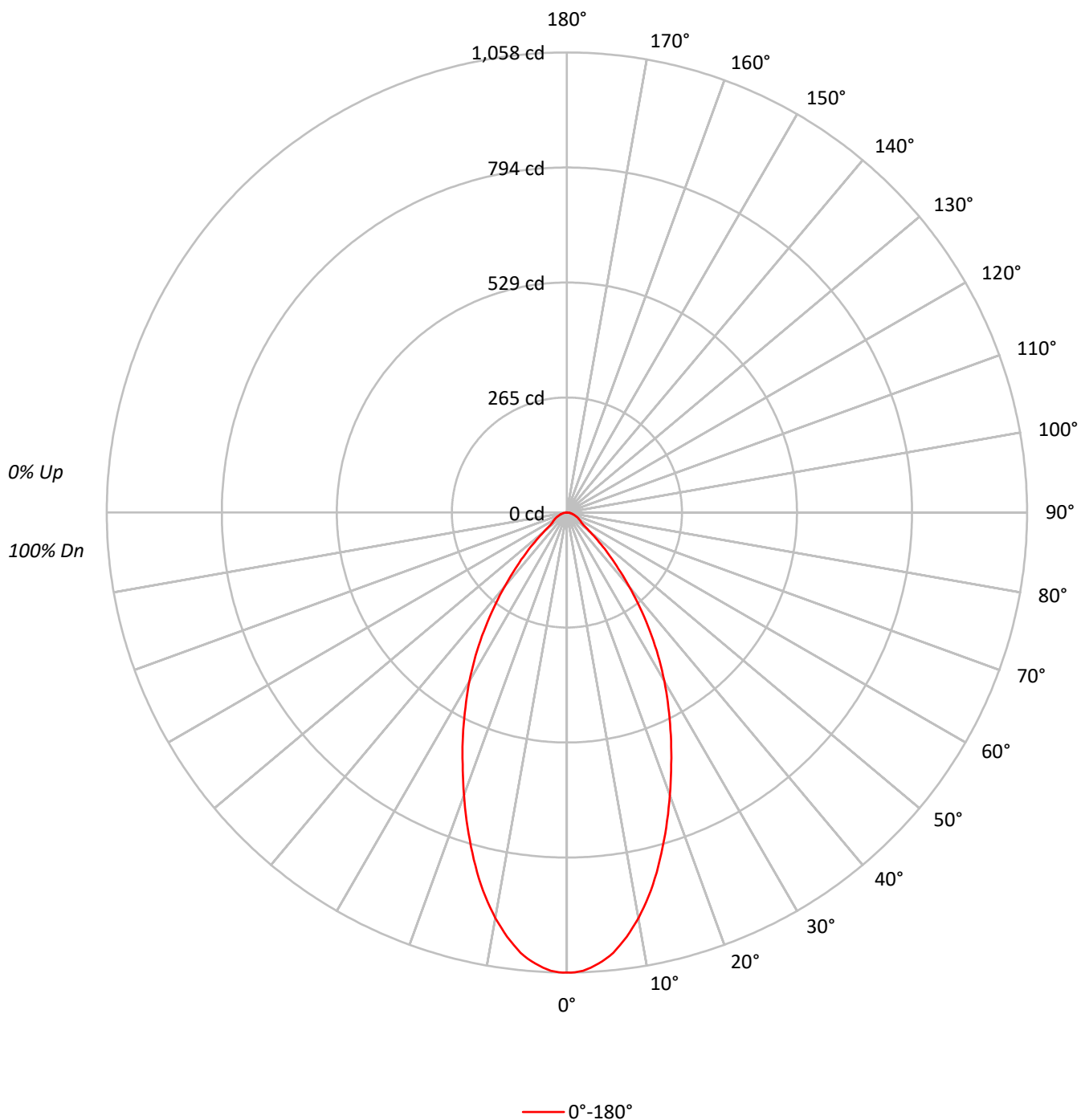
Lumens per Lamp: N/A
Luminaire Lumens: 982.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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°	231999
5°	226788
10°	210885
15°	187651
20°	161411
25°	136750
30°	113511
35°	89034
40°	63805
45°	41865
50°	23846
55°	15674
60°	14780
65°	13750
70°	12374
75°	11268
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41865 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.6	9.7
10°-20°	229.8	23.4
20°-30°	259.0	26.4
30°-40°	206.8	21.1
40°-50°	106.3	10.8
50°-60°	40.0	4.1
60°-70°	26.2	2.7
70°-80°	14.1	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°	584.4	59.5
0°-40°	791.3	80.6
0°-60°	937.5	95.5
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1058	
5°	1030	96
15°	827	230
25°	565	259
35°	333	207
45°	135	106
55°	41	40
65°	26	26
75°	13	14
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1058.0
1°	1058.0
2°	1054.4
3°	1048.4
4°	1039.9
5°	1030.3
6°	1018.2
7°	1002.6
8°	985.7
9°	966.4
10°	947.1
11°	925.4
12°	902.6
13°	878.5
14°	853.1
15°	826.6
17.5°	759.2
20°	691.7
22.5°	626.6
25°	565.2
27.5°	504.9
30°	448.3
32.5°	390.4
35°	332.6
37.5°	275.9
40°	222.9
42.5°	175.9
45°	135.0
47.5°	100.0
50°	69.9
52.5°	49.4
55°	41.0
57.5°	37.4
60°	33.7
62.5°	30.1
65°	26.5
67.5°	22.9
70°	19.3
72.5°	15.7
75°	13.3
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)