

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: P1300851

Luminaire Tested: P3A17R40W2N902750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300851
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 90CRI ,
E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

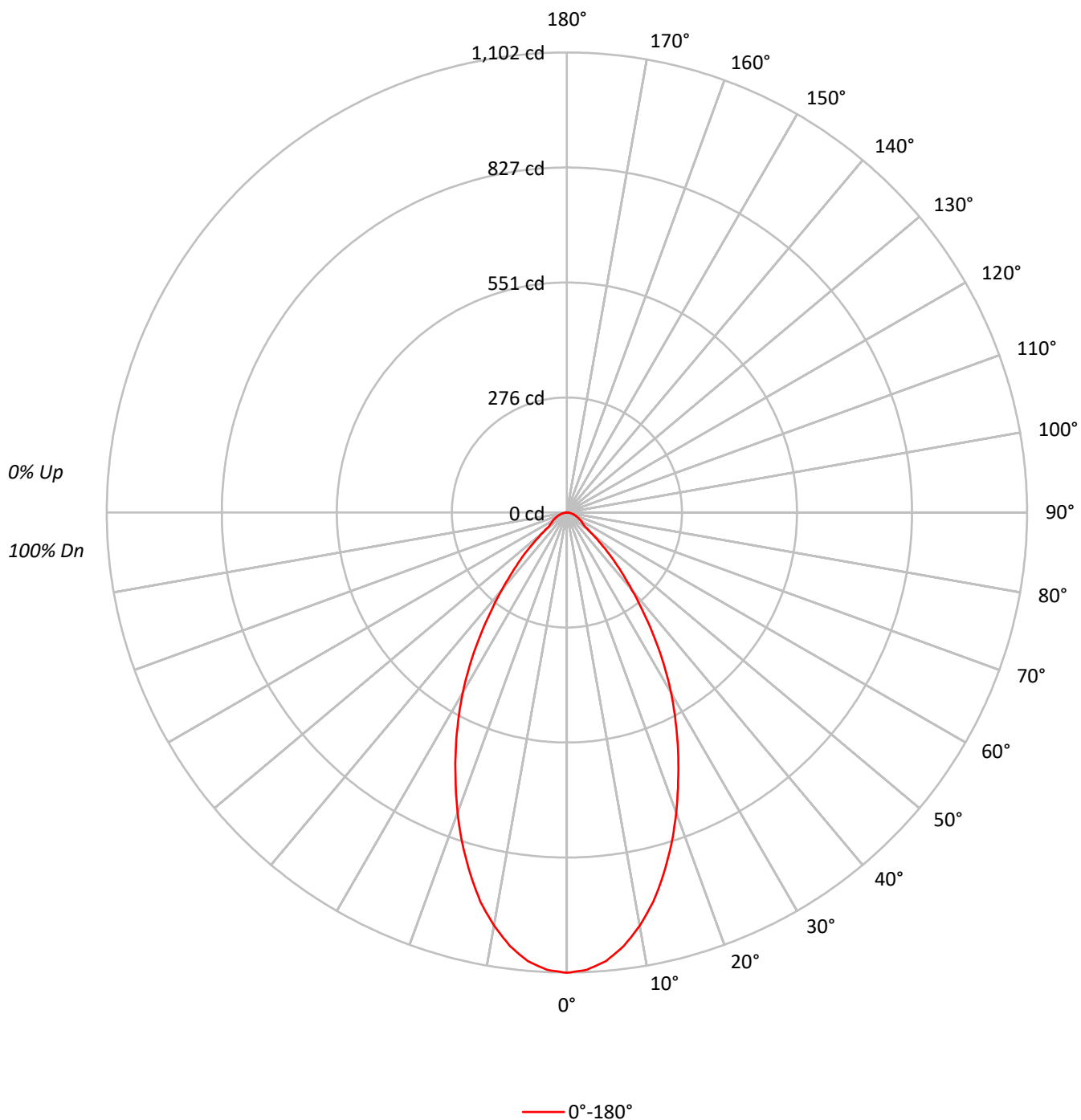
Lumens per Lamp: N/A
Luminaire Lumens: 1077.0 lumens
Efficiency: N/A
Efficacy: 55.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241757
5°	237376
10°	223754
15°	203247
20°	178539
25°	152477
30°	126323
35°	97413
40°	69330
45°	46703
50°	25483
55°	17968
60°	16928
65°	15618
70°	13913
75°	13302
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46703 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	9.3
10°-20°	249.4	23.2
20°-30°	288.3	26.8
30°-40°	227.2	21.1
40°-50°	116.6	10.8
50°-60°	44.6	4.1
60°-70°	29.5	2.7
70°-80°	16.0	1.5
80°-90°	4.7	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°	638.3	59.3
0°-40°	865.5	80.4
0°-60°	1026.7	95.3
0°-90°	1077.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1077.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1078	101
15°	895	249
25°	630	288
35°	364	227
45°	151	117
55°	47	45
65°	30	29
75°	16	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1102.5
2.5°	1096.5
5°	1078.4
7.5°	1047.1
10°	1004.9
12.5°	955.5
15°	895.3
17.5°	832.6
20°	765.1
22.5°	696.5
25°	630.2
27.5°	563.9
30°	498.9
32.5°	432.6
35°	363.9
37.5°	300.0
40°	242.2
42.5°	192.8
45°	150.6
47.5°	109.7
50°	74.7
52.5°	54.2
55°	47.0
57.5°	42.2
60°	38.6
62.5°	33.7
65°	30.1
67.5°	25.3
70°	21.7
72.5°	18.1
75°	15.7
77.5°	12.0
80°	8.4
82.5°	7.2
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)