

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: P1263867

Luminaire Tested: P3A02R309730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263867
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: P3A02R309730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

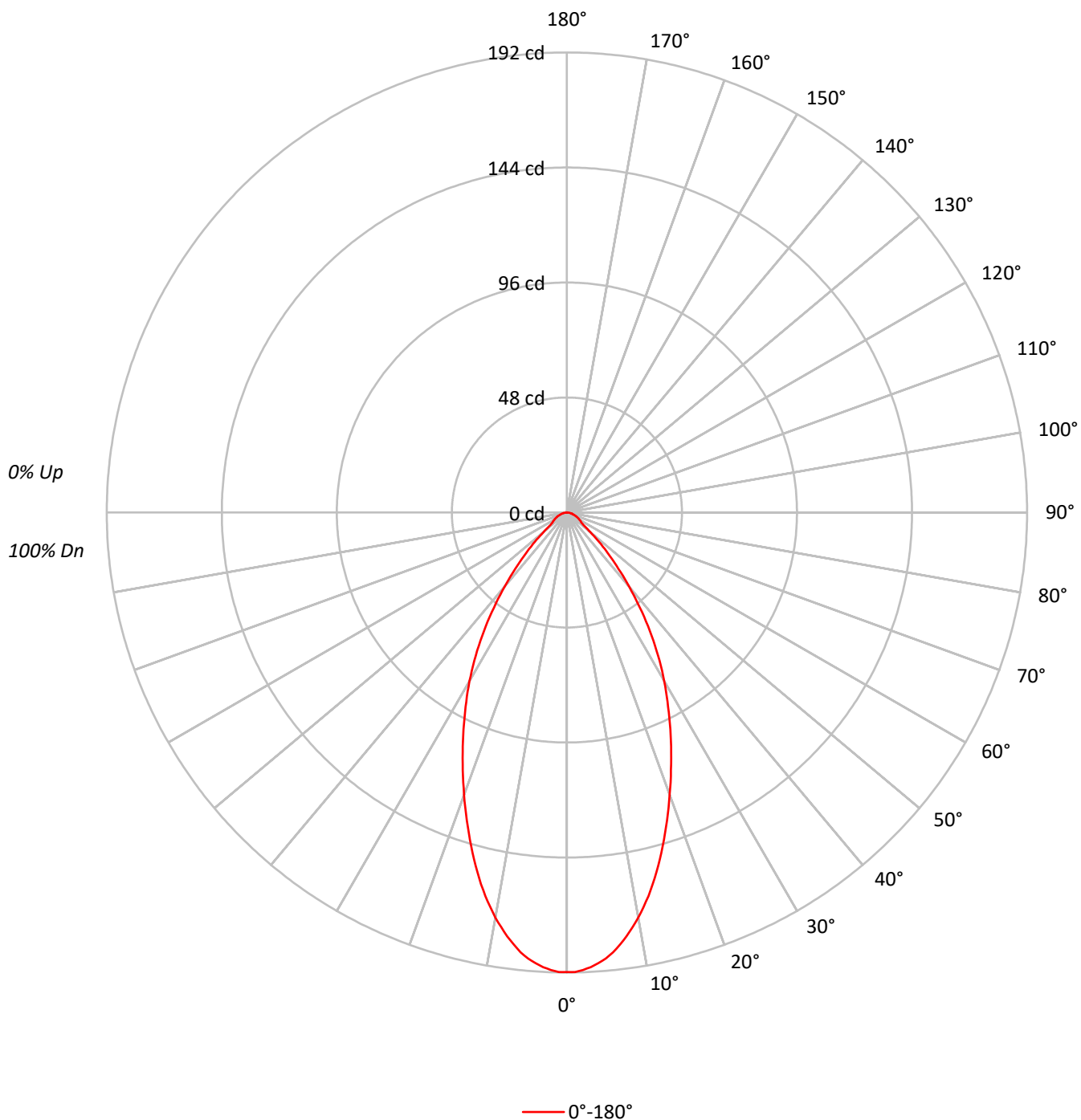
Lumens per Lamp: N/A
Luminaire Lumens: 178.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	83	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°	42058
5°	41118
10°	38231
15°	34007
20°	29263
25°	24776
30°	20585
35°	16142
40°	11565
45°	7598
50°	4332
55°	2829
60°	2675
65°	2491
70°	2244
75°	2033
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7598 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.3	9.7
10°-20°	41.7	23.4
20°-30°	46.9	26.4
30°-40°	37.5	21.1
40°-50°	19.3	10.8
50°-60°	7.3	4.1
60°-70°	4.8	2.7
70°-80°	2.6	1.4
80°-90°	0.7	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°	105.9	59.5
0°-40°	143.4	80.6
0°-60°	170.0	95.5
0°-90°	178.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	178.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	192	
5°	187	17
15°	150	42
25°	102	47
35°	60	37
45°	24	19
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	191.8
1°	191.8
2°	191.1
3°	190.0
4°	188.5
5°	186.8
6°	184.6
7°	181.7
8°	178.7
9°	175.2
10°	171.7
11°	167.7
12°	163.6
13°	159.2
14°	154.6
15°	149.8
17.5°	137.6
20°	125.4
22.5°	113.6
25°	102.4
27.5°	91.5
30°	81.3
32.5°	70.8
35°	60.3
37.5°	50.0
40°	40.4
42.5°	31.9
45°	24.5
47.5°	18.1
50°	12.7
52.5°	9.0
55°	7.4
57.5°	6.8
60°	6.1
62.5°	5.5
65°	4.8
67.5°	4.2
70°	3.5
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)