

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: P1268616

Luminaire Tested: P3A02R309740DE010 E3D1WH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268616
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309740DE010 E3D1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3D1WH TRIM
Light Source: -
Ballast/Driver: -

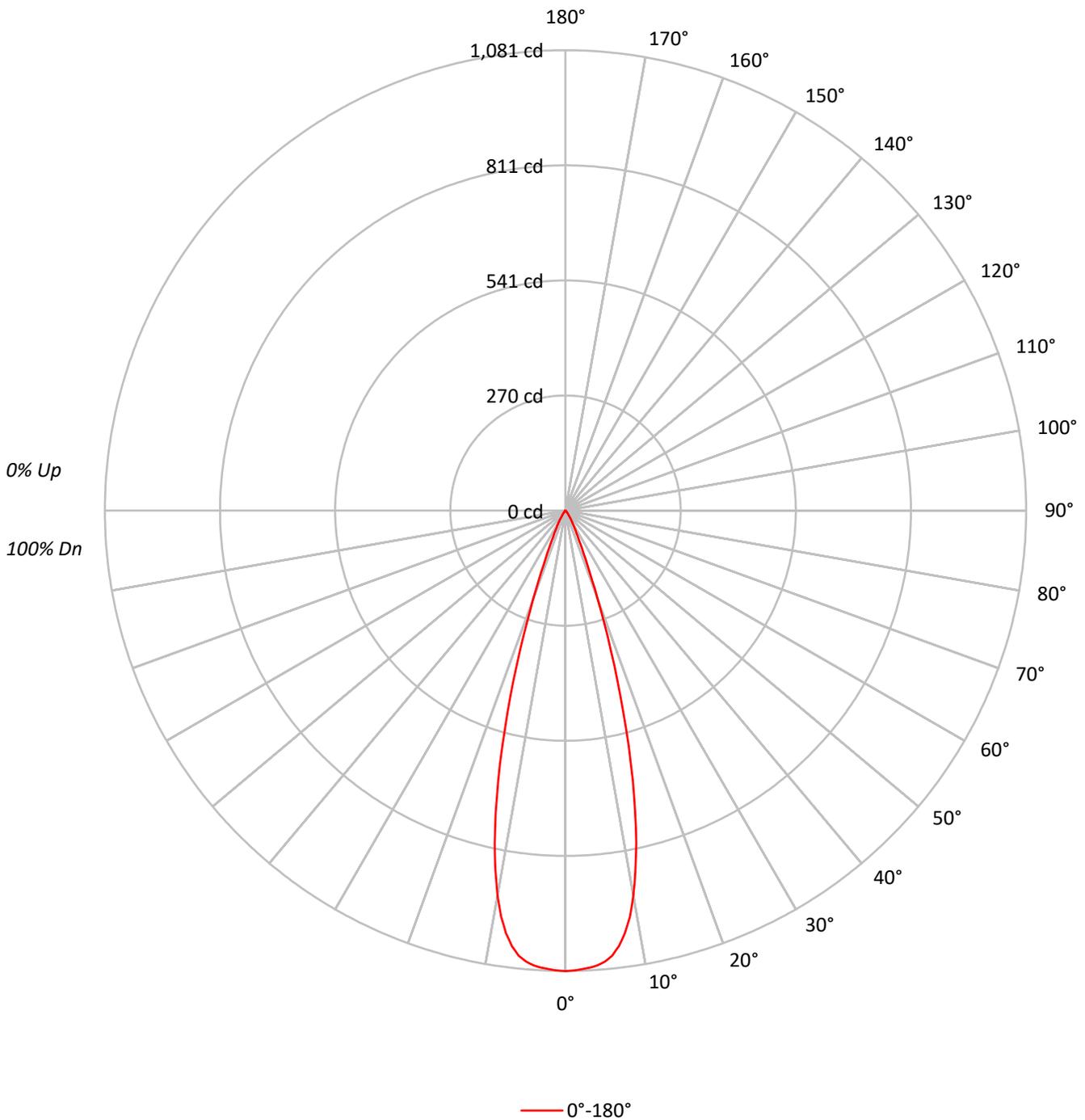
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 82.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
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			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	100	100	100	
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	96	95	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	94	93	92	94
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	90	89	88	90
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	88	85	82	88
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	85	83	82	85
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	82	81	80	82
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	80	79	78	80
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	78	77	76	78
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	76	75	75	76
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	74	73	73	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	237108
5°	234008
10°	204316
15°	129853
20°	51454
25°	17178
30°	8001
35°	3614
40°	1403
45°	682
50°	205
55°	76
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 682 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	32.6
10°-20°	150.7	50.6
20°-30°	38.9	13.0
30°-40°	9.1	3.1
40°-50°	1.8	0.6
50°-60°	0.2	0.1
60°-70°	0.1	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	286.8	96.2
0°-40°	295.9	99.3
0°-60°	297.9	100.0
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1081	
5°	1063	97
15°	572	151
25°	71	39
35°	14	9
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1081.3
1°	1080.4
2°	1077.9
3°	1075.0
4°	1070.7
5°	1063.1
6°	1050.7
7°	1030.1
8°	1002.0
9°	965.3
10°	917.6
11°	860.8
12°	798.8
13°	727.4
14°	652.7
15°	572.0
16°	493.0
17°	416.9
18°	343.9
19°	276.9
20°	220.5
21°	173.5
22°	136.5
23°	108.0
24°	86.5
25°	71.0
26°	59.2
27°	50.3
28°	43.5
29°	37.2
30°	31.6
32.5°	19.9
35°	13.5
37.5°	8.4
40°	4.9
42.5°	3.2
45°	2.2
47.5°	1.3
50°	0.6
52.5°	0.2
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.1
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)