

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: P1268789

Luminaire Tested: P3A02R609740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268789
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

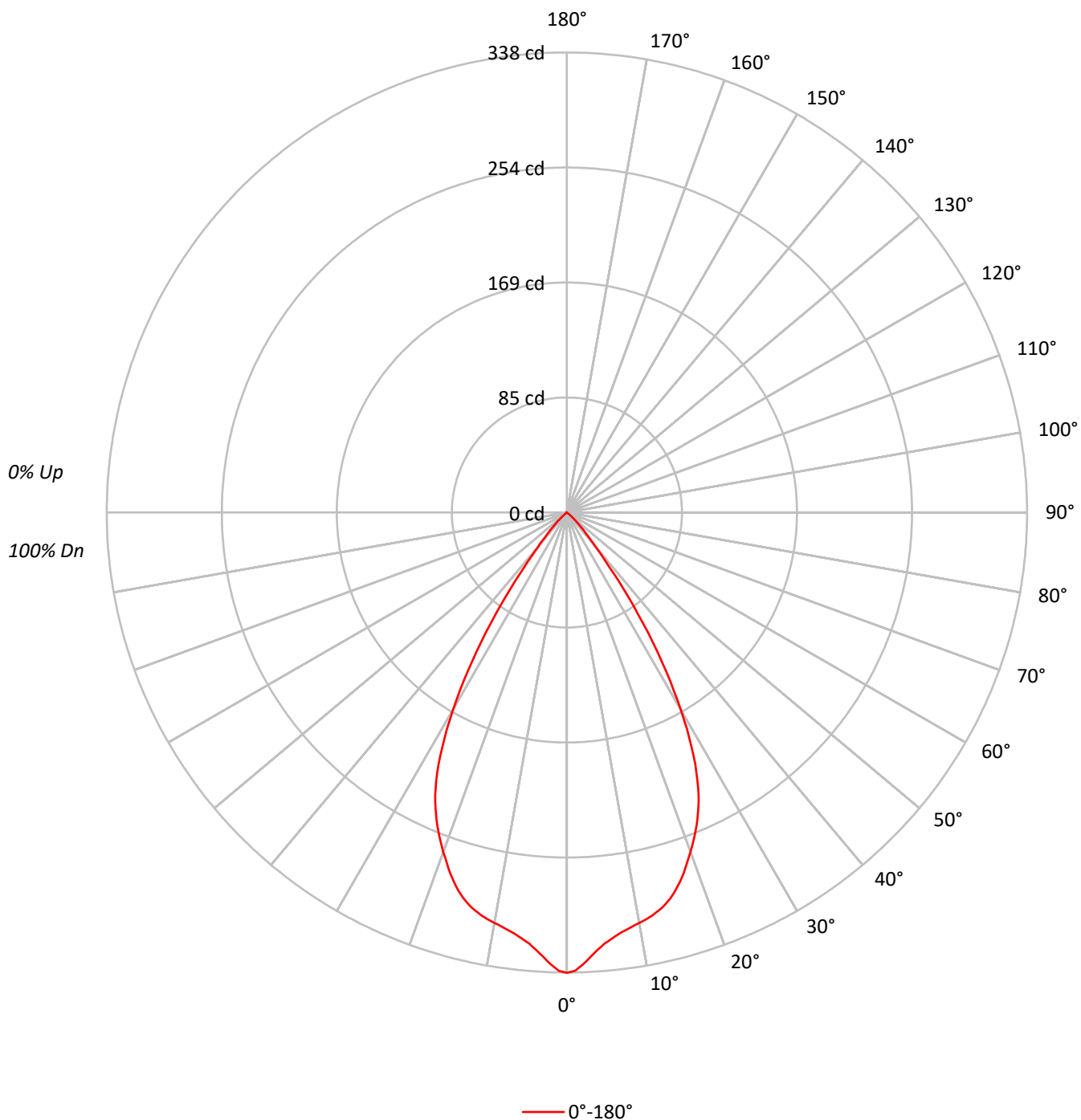
Lumens per Lamp: N/A
Luminaire Lumens: 283.0 lumens
Efficiency: N/A
Efficacy: 78.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74161
5°	69998
10°	68180
15°	66629
20°	61955
25°	55382
30°	42285
35°	24414
40°	9475
45°	3938
50°	853
55°	115
60°	88
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3938 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	10.6
10°-20°	81.8	28.9
20°-30°	102.4	36.2
30°-40°	57.2	20.2
40°-50°	10.9	3.8
50°-60°	0.5	0.2
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°	214.2	75.7
0°-40°	271.4	95.9
0°-60°	282.8	99.9
0°-90°	283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	318	30
15°	294	82
25°	229	102
35°	91	57
45°	13	11
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	338.2
1°	336.8
2°	332.4
3°	327.2
4°	322.3
5°	318.0
6°	314.8
7°	312.0
8°	309.9
9°	307.9
10°	306.2
11°	304.5
12°	302.5
13°	300.1
14°	297.2
15°	293.5
16°	289.0
17°	283.9
18°	278.1
19°	271.5
20°	265.5
21°	259.0
22°	252.3
23°	245.2
24°	237.4
25°	228.9
26°	218.8
27°	207.6
28°	194.9
29°	181.5
30°	167.0
31°	152.5
32°	137.4
32.5°	129.2
33°	121.8
34°	106.4
35°	91.2
36°	77.6
37°	63.1
37.5°	56.5
38°	50.0
39°	40.3
40°	33.1
42.5°	20.1
45°	12.7

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	7.1
50°	2.5
52.5°	0.6
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.1
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)