

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: P1268818

Luminaire Tested: P3A02R659740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268818
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R659740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

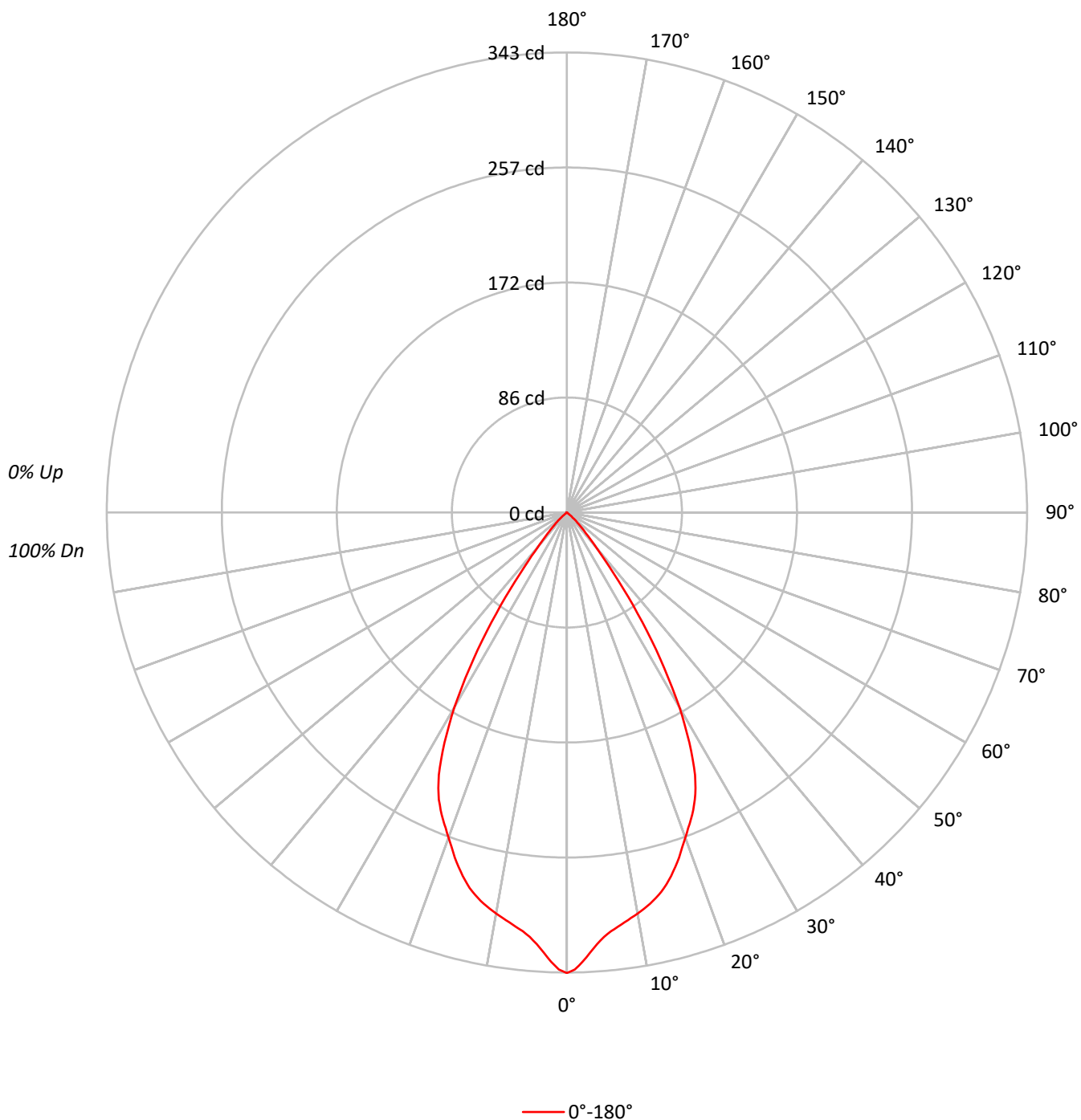
Lumens per Lamp: N/A
Luminaire Lumens: 281.0 lumens
Efficiency: N/A
Efficacy: 78.0 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75301
5°	69910
10°	67601
15°	65154
20°	60229
25°	54874
30°	42412
35°	24574
40°	9761
45°	4155
50°	989
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: 4155 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.0	10.7
10°-20°	80.0	28.5
20°-30°	101.2	36.0
30°-40°	57.6	20.5
40°-50°	11.5	4.1
50°-60°	0.6	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°	211.1	75.1
0°-40°	268.8	95.7
0°-60°	280.8	99.9
0°-90°	281.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	281.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	318	30
15°	287	80
25°	227	101
35°	92	58
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°	343.4
1°	340.8
2°	335.3
3°	328.8
4°	322.5
5°	317.6
6°	314.0
7°	311.2
8°	308.6
9°	306.1
10°	303.6
11°	301.0
12°	298.2
13°	294.9
14°	291.3
15°	287.0
16°	281.9
17°	276.4
18°	270.4
19°	264.0
20°	258.1
21°	252.1
22°	246.7
23°	241.0
24°	234.5
25°	226.8
26°	217.7
27°	206.7
28°	194.4
29°	181.2
30°	167.5
31°	152.3
32°	137.3
32.5°	129.6
33°	122.1
34°	106.8
35°	91.8
36°	78.0
37°	64.2
37.5°	57.2
38°	51.5
39°	41.7
40°	34.1
42.5°	21.0
45°	13.4



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	7.9
50°	2.9
52.5°	0.6
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.1
67.5°	0.1
70°	0.1
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)