

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: P1253390

Luminaire Tested: P3AS02R159035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253390
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

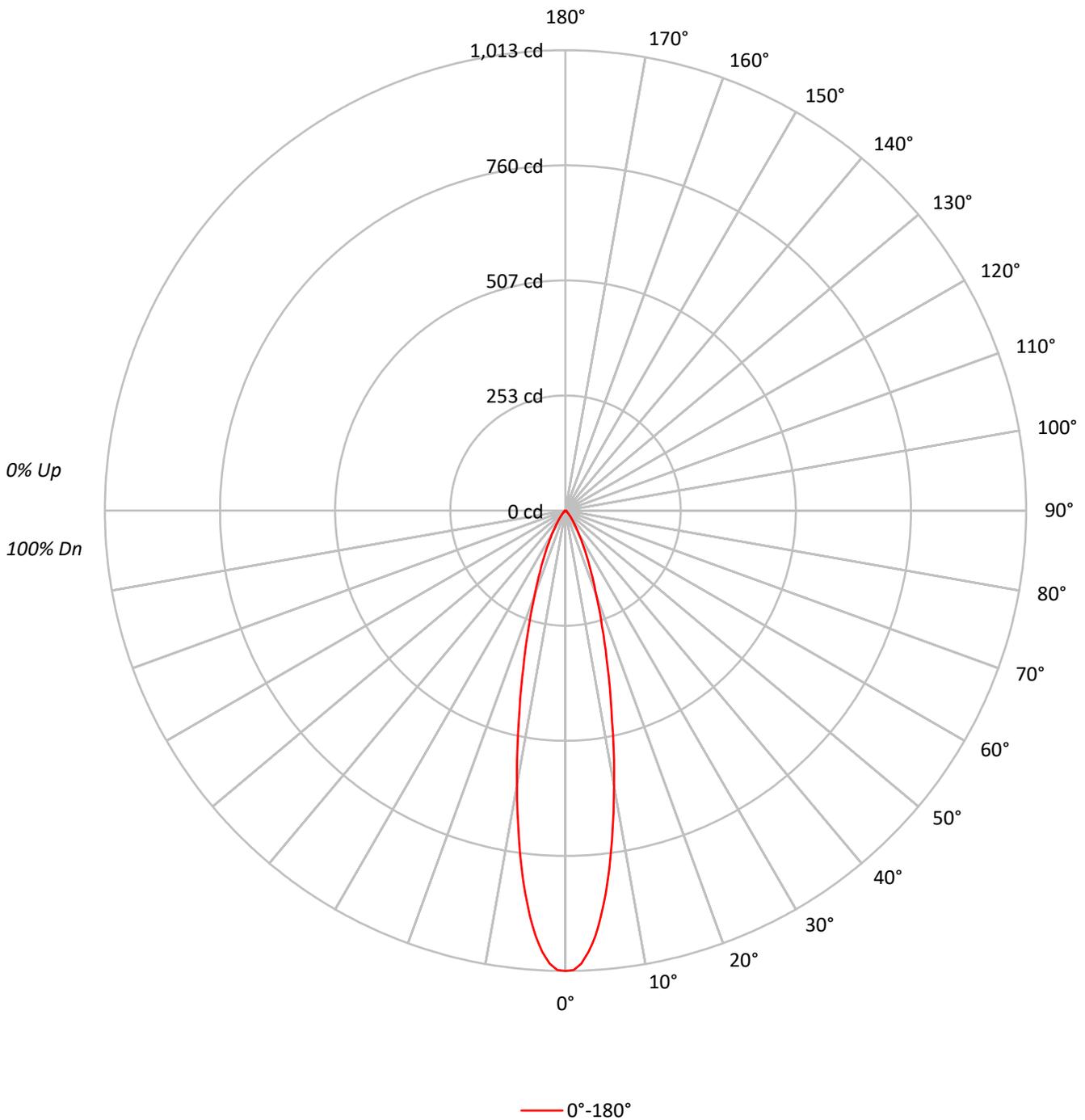
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 260.1 lumens
Efficiency: N/A
Efficacy: 72.2 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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				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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	97	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	93	93	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	88	88	87
4	102	96	91	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	85	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	81	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	78	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	75	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	73	73	71
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	70	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	68	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	222109
5°	197160
10°	136916
15°	80977
20°	46111
25°	26372
30°	14585
35°	7790
40°	4294
45°	2326
50°	1467
55°	1147
60°	1009
65°	934
70°	833
75°	847
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2326 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	29.3
10°-20°	100.5	38.6
20°-30°	51.8	19.9
30°-40°	19.4	7.5
40°-50°	6.4	2.4
50°-60°	2.7	1.1
60°-70°	1.8	0.7
70°-80°	1.1	0.4
80°-90°	0.3	0.1
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°	228.4	87.8
0°-40°	247.9	95.3
0°-60°	257.0	98.8
0°-90°	260.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1013	
5°	896	76
15°	357	101
25°	109	52
35°	29	19
45°	8	6
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1012.9
1°	1010.9
2°	997.6
3°	972.3
4°	939.0
5°	895.7
6°	846.6
7°	792.7
8°	732.9
9°	673.8
10°	614.9
12.5°	473.1
15°	356.7
17.5°	267.0
20°	197.6
22.5°	147.5
25°	109.0
27.5°	79.4
30°	57.6
32.5°	40.8
35°	29.1
37.5°	20.8
40°	15.0
42.5°	10.8
45°	7.5
47.5°	5.5
50°	4.3
52.5°	3.5
55°	3.0
57.5°	2.5
60°	2.3
62.5°	2.0
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)