

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: P1269440

Luminaire Tested: P3A09R359740DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269440
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359740DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

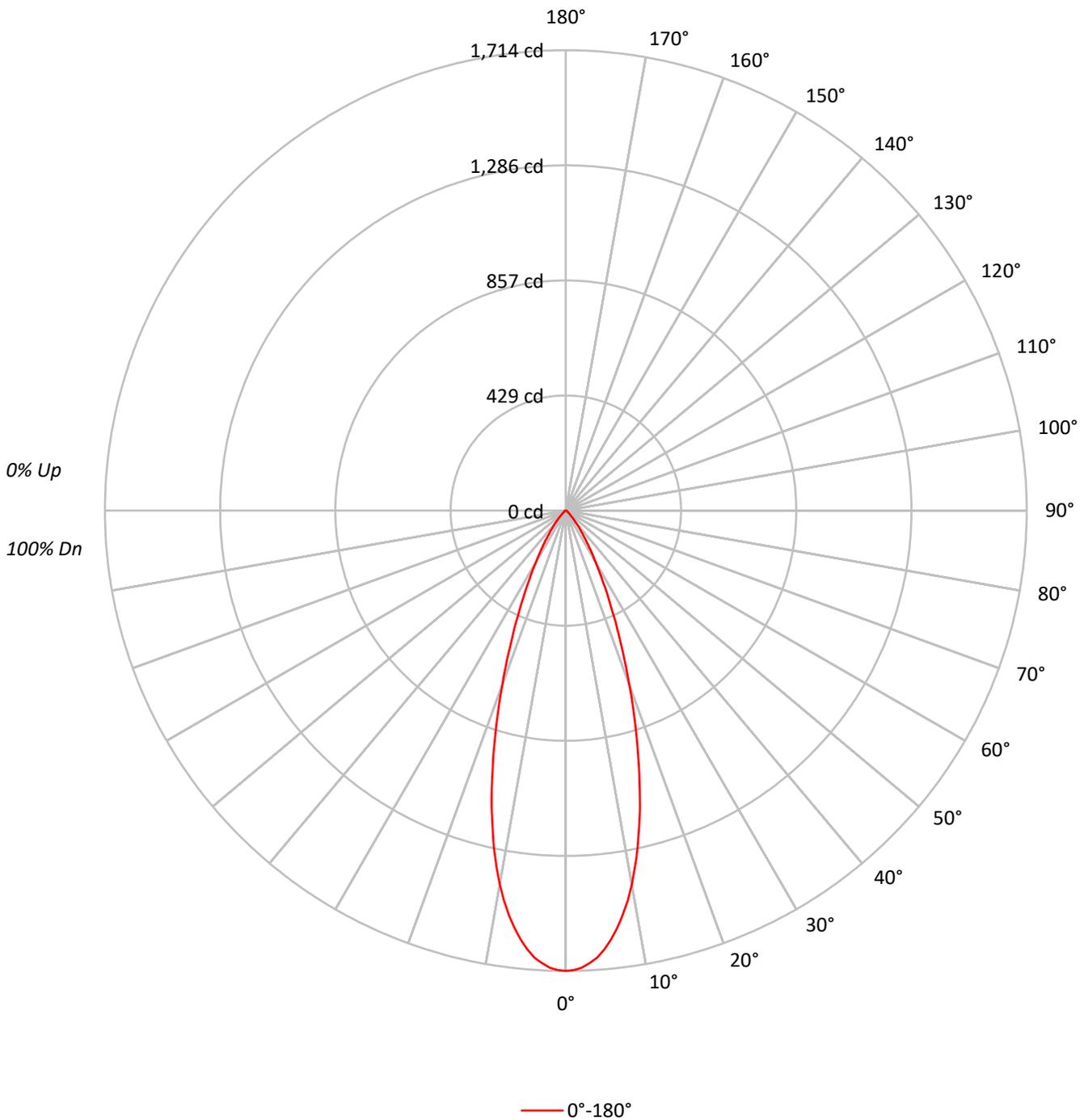
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 745.0 lumens
Efficiency: N/A
Efficacy: 67.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67	67	67	67
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	375737
5°	361104
10°	314646
15°	241000
20°	161224
25°	97554
30°	55983
35°	31293
40°	16631
45°	8559
50°	4094
55°	3250
60°	3114
65°	2594
70°	2757
75°	2372
80°	2652
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8559 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.3	20.0
10°-20°	289.3	38.8
20°-30°	189.4	25.4
30°-40°	76.8	10.3
40°-50°	23.0	3.1
50°-60°	7.8	1.1
60°-70°	5.3	0.7
70°-80°	3.1	0.4
80°-90°	1.0	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°	627.9	84.3
0°-40°	704.7	94.6
0°-60°	735.6	98.7
0°-90°	745.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1714	
5°	1640	149
15°	1062	289
25°	403	189
35°	117	77
45°	28	23
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1713.5
1°	1710.7
2°	1702.9
3°	1687.3
4°	1668.9
5°	1640.5
6°	1605.1
7°	1565.4
8°	1520.8
9°	1469.8
10°	1413.1
11°	1350.0
12°	1284.1
13°	1210.4
14°	1140.2
15°	1061.6
17.5°	870.9
20°	690.9
22.5°	531.5
25°	403.2
27.5°	300.5
30°	221.1
32.5°	162.3
35°	116.9
37.5°	82.9
40°	58.1
42.5°	40.4
45°	27.6
47.5°	18.4
50°	12.0
52.5°	9.2
55°	8.5
57.5°	7.8
60°	7.1
62.5°	6.4
65°	5.0
67.5°	4.3
70°	4.3
72.5°	3.5
75°	2.8
77.5°	2.1
80°	2.1
82.5°	1.4
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)