

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: P1262335

Luminaire Tested: P3AS09R409727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262335
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

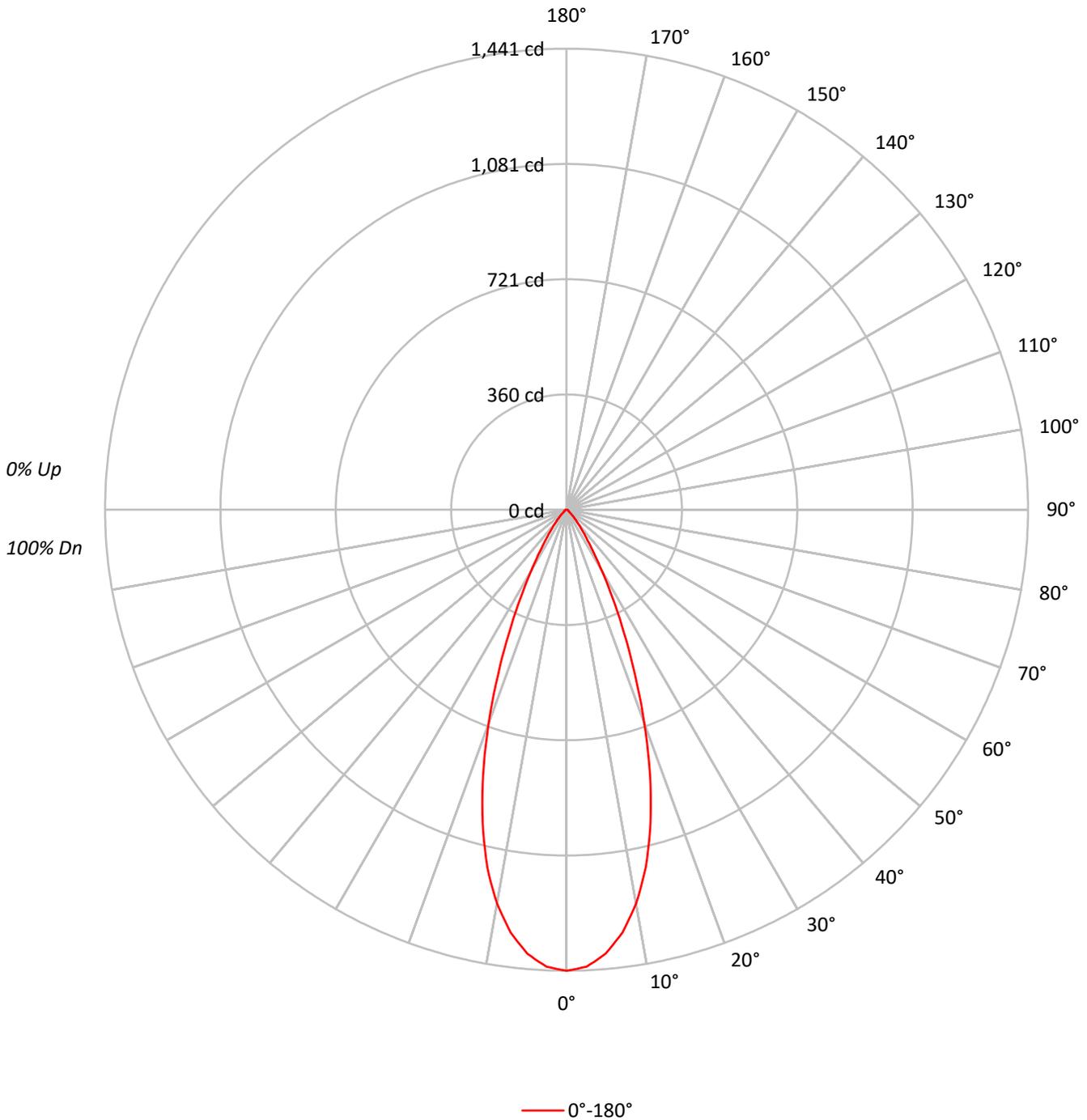
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 714.0 lumens
Efficiency: N/A
Efficacy: 64.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	315940
5°	306757
10°	278374
15°	229967
20°	165891
25°	102611
30°	55553
35°	28697
40°	15601
45°	8745
50°	4401
55°	3288
60°	2938
65°	2854
70°	2757
75°	2626
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8745 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	128.5	18.0
10°-20°	275.9	38.6
20°-30°	196.9	27.6
30°-40°	72.5	10.1
40°-50°	22.8	3.2
50°-60°	7.9	1.1
60°-70°	5.4	0.8
70°-80°	3.3	0.5
80°-90°	0.9	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°	601.2	84.2
0°-40°	673.6	94.3
0°-60°	704.4	98.7
0°-90°	714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1441	
5°	1394	128
15°	1013	276
25°	424	197
35°	107	72
45°	28	23
55°	9	8
65°	6	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1440.8
2.5°	1429.8
5°	1393.6
7.5°	1333.6
10°	1250.2
12.5°	1144.2
15°	1013.0
17.5°	866.0
20°	710.9
22.5°	558.3
25°	424.1
27.5°	311.3
30°	219.4
32.5°	153.8
35°	107.2
37.5°	76.0
40°	54.5
42.5°	39.2
45°	28.2
47.5°	19.0
50°	12.9
52.5°	9.2
55°	8.6
57.5°	8.0
60°	6.7
62.5°	6.1
65°	5.5
67.5°	4.9
70°	4.3
72.5°	3.7
75°	3.1
77.5°	2.5
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)