

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: P1251568

Luminaire Tested: P3AS09R309030DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251568
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309030DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

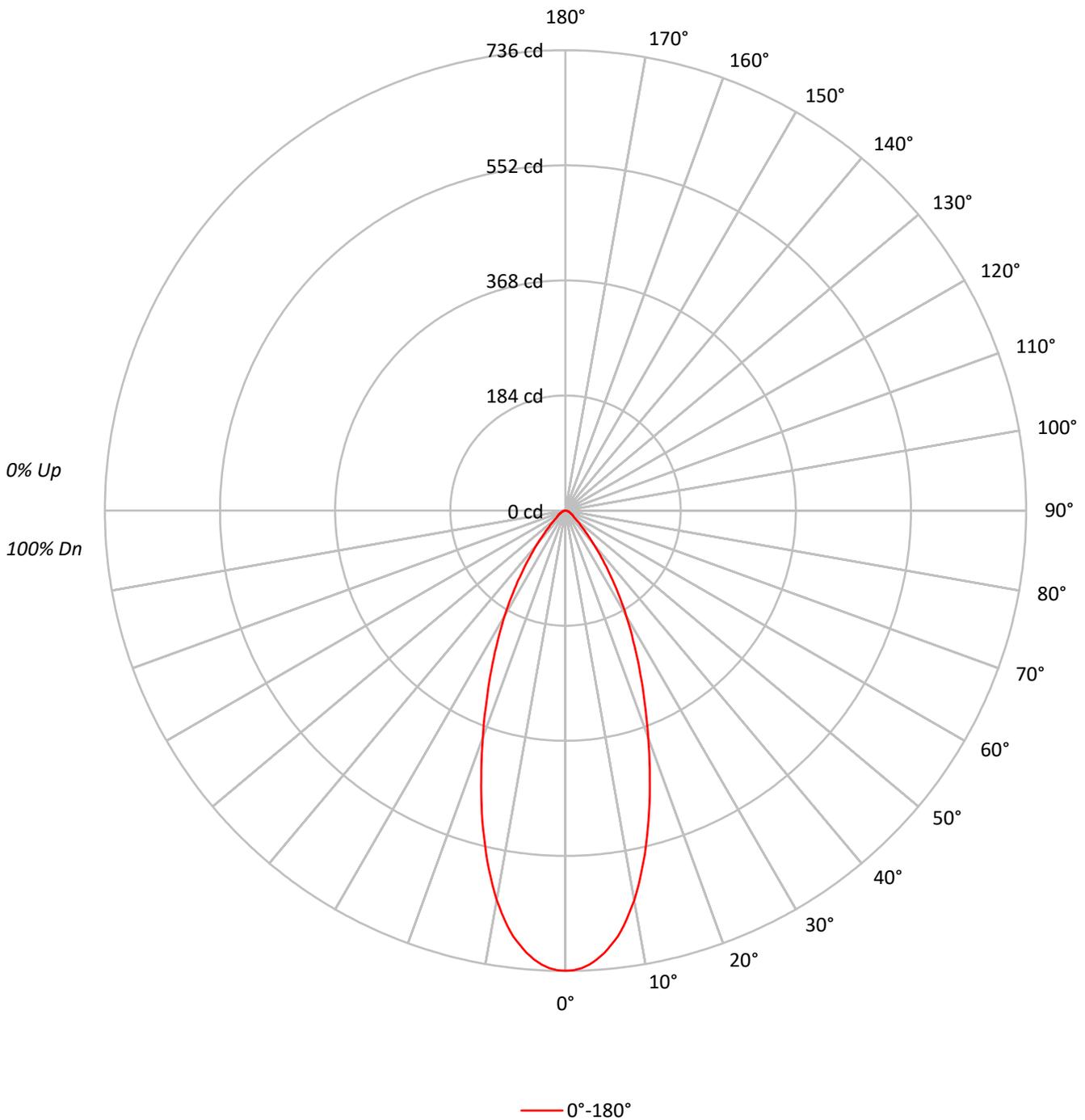
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 472.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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				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
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	60	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161281
5°	156262
10°	140812
15°	116482
20°	90168
25°	67649
30°	49121
35°	32712
40°	20123
45°	11815
50°	7232
55°	5887
60°	5131
65°	4203
70°	3783
75°	3728
80°	2778
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11815 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.3	13.8
10°-20°	141.3	29.9
20°-30°	128.5	27.2
30°-40°	77.7	16.5
40°-50°	31.2	6.6
50°-60°	13.8	2.9
60°-70°	8.3	1.8
70°-80°	4.5	1.0
80°-90°	1.3	0.3
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°	335.2	71.0
0°-40°	412.9	87.5
0°-60°	457.8	97.0
0°-90°	472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	736	
5°	710	65
15°	513	141
25°	280	129
35°	122	78
45°	38	31
55°	15	14
65°	8	8
75°	4	5
85°	2	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	735.5
1°	734.8
2°	731.9
3°	726.8
4°	719.4
5°	709.9
6°	698.2
7°	685.8
8°	669.7
9°	651.4
10°	632.4
11°	610.4
12°	587.0
13°	563.6
14°	537.9
15°	513.1
17.5°	447.9
20°	386.4
22.5°	329.3
25°	279.6
27.5°	234.2
30°	194.0
32.5°	156.6
35°	122.2
37.5°	93.7
40°	70.3
42.5°	51.2
45°	38.1
47.5°	28.5
50°	21.2
52.5°	16.8
55°	15.4
57.5°	13.2
60°	11.7
62.5°	9.5
65°	8.1
67.5°	7.3
70°	5.9
72.5°	5.1
75°	4.4
77.5°	3.7
80°	2.2
82.5°	1.5
85°	1.5
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)