

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: P1254263

Luminaire Tested: P3AS09R309035DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254263
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309035DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

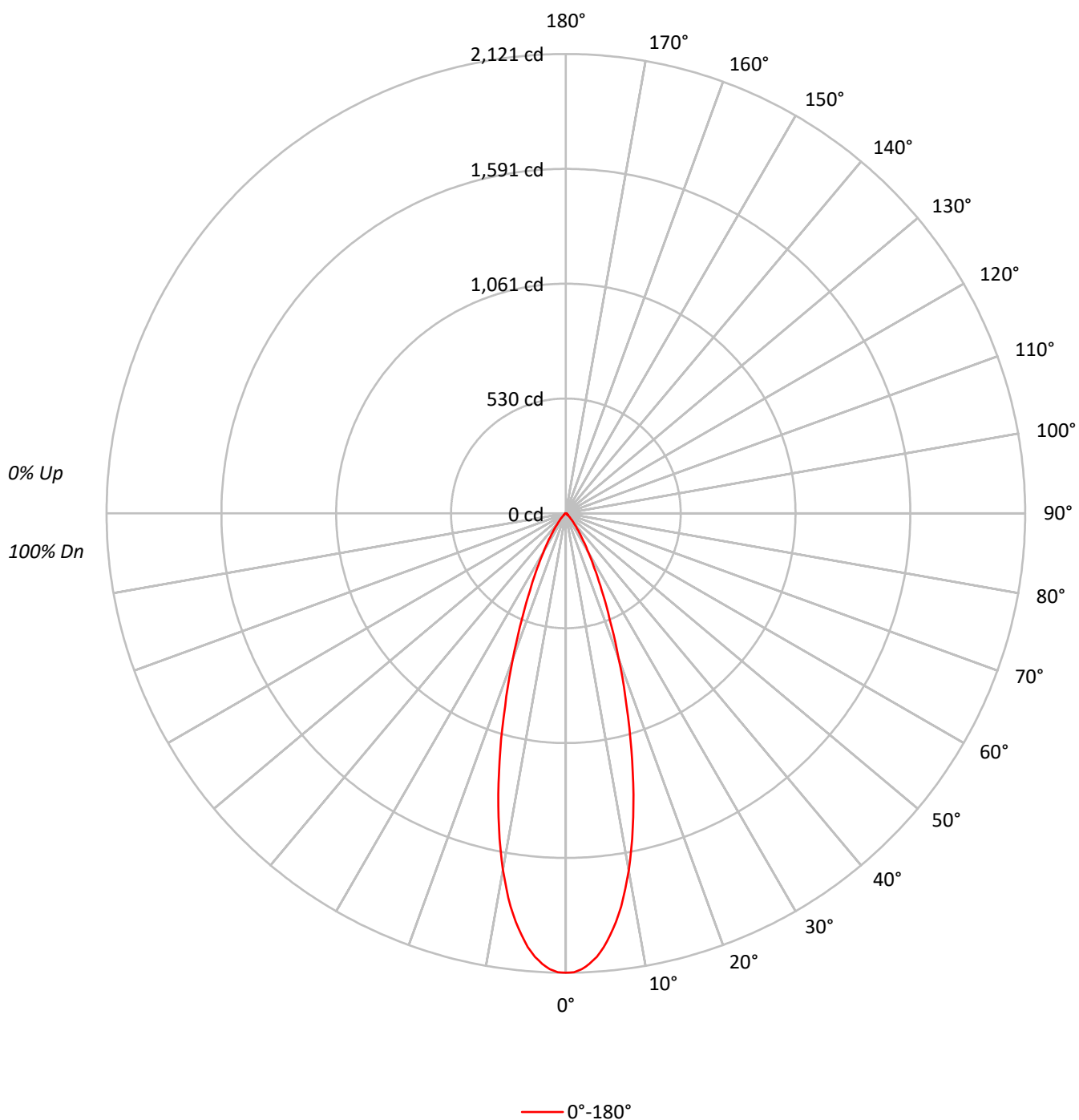
Lumens per Lamp: N/A
Luminaire Lumens: 797.0 lumens
Efficiency: N/A
Efficacy: 71.8 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	465072
5°	442658
10°	372338
15°	268515
20°	166544
25°	94723
30°	52616
35°	28616
40°	15085
45°	8187
50°	4367
55°	2867
60°	2631
65°	2750
70°	2436
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8187 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.1	22.7
10°-20°	321.9	40.4
20°-30°	186.0	23.3
30°-40°	70.6	8.9
40°-50°	21.7	2.7
50°-60°	7.3	0.9
60°-70°	5.0	0.6
70°-80°	2.7	0.3
80°-90°	0.8	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°	689.0	86.4
0°-40°	759.6	95.3
0°-60°	788.6	98.9
0°-90°	797.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	797.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2121	
5°	2011	181
15°	1183	322
25°	392	186
35°	107	71
45°	26	22
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2120.9
1°	2119.4
2°	2106.6
3°	2082.5
4°	2052.4
5°	2011.0
6°	1958.3
7°	1899.6
8°	1834.1
9°	1755.8
10°	1672.2
11°	1581.8
12°	1486.2
13°	1386.1
14°	1284.4
15°	1182.8
17.5°	932.8
20°	713.7
22.5°	529.3
25°	391.5
27.5°	284.6
30°	207.8
32.5°	149.8
35°	106.9
37.5°	74.5
40°	52.7
42.5°	36.9
45°	26.4
47.5°	18.1
50°	12.8
52.5°	9.0
55°	7.5
57.5°	6.8
60°	6.0
62.5°	5.3
65°	5.3
67.5°	4.5
70°	3.8
72.5°	3.0
75°	2.3
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)