

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: P1260292

Luminaire Tested: P3AS17R209050DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R209050DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

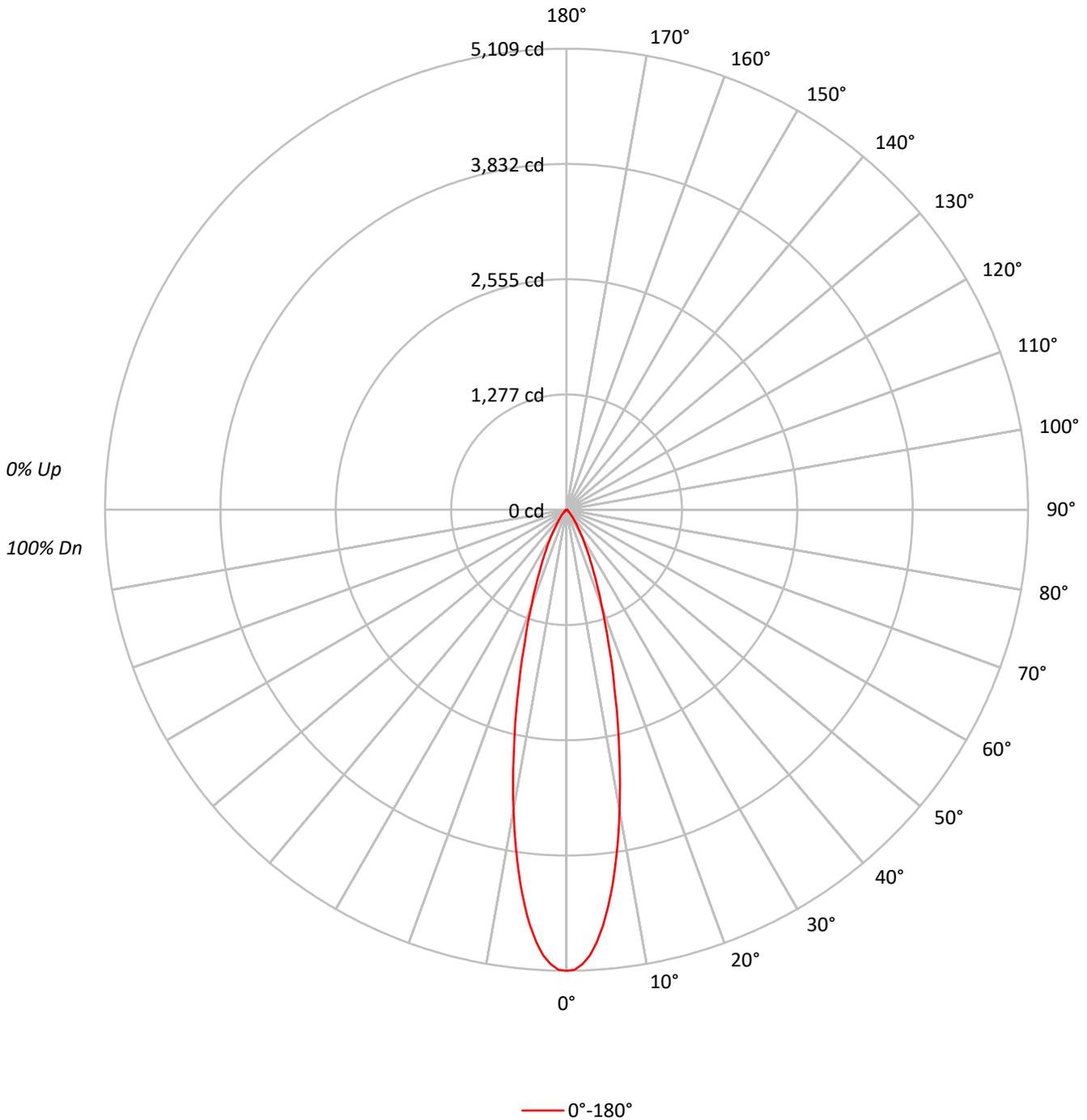
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1456.0 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91		
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87		
4	102	96	91	88	100	95	90	87	92	89	86	91	88	85	89	86	84	83		
5	98	91	87	83	97	90	86	83	89	85	82	87	84	81	86	83	81	79		
6	95	87	83	79	93	87	82	79	85	81	78	84	81	78	83	80	77	76		
7	91	84	79	76	90	83	79	76	82	78	75	81	78	75	80	77	75	73		
8	88	81	76	73	87	80	76	73	79	75	72	78	75	72	78	74	72	71		
9	85	78	73	70	85	77	73	70	77	73	70	76	72	69	75	72	69	68		
10	83	75	71	68	82	75	70	67	74	70	67	73	70	67	73	69	67	66		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1120217
5°	1018311
10°	752602
15°	465565
20°	265860
25°	151775
30°	85127
35°	46311
40°	25362
45°	13955
50°	8153
55°	5926
60°	5570
65°	5085
70°	4488
75°	4745
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13955 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	400.6	27.5
10°-20°	571.9	39.3
20°-30°	298.5	20.5
30°-40°	115.4	7.9
40°-50°	37.5	2.6
50°-60°	14.8	1.0
60°-70°	9.7	0.7
70°-80°	5.7	0.4
80°-90°	1.9	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°	1271.0	87.3
0°-40°	1386.4	95.2
0°-60°	1438.6	98.8
0°-90°	1456.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1456.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5109	
5°	4626	401
15°	2051	572
25°	627	298
35°	173	115
45°	45	37
55°	16	15
65°	10	10
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5108.6
1°	5098.8
2°	5038.3
3°	4945.5
4°	4802.0
5°	4626.2
6°	4418.0
7°	4187.3
8°	3920.1
9°	3659.9
10°	3380.0
12.5°	2686.5
15°	2050.8
17.5°	1534.6
20°	1139.3
22.5°	843.9
25°	627.3
27.5°	462.8
30°	336.2
32.5°	243.3
35°	173.0
37.5°	125.2
40°	88.6
42.5°	63.3
45°	45.0
47.5°	32.4
50°	23.9
52.5°	18.3
55°	15.5
57.5°	14.1
60°	12.7
62.5°	11.3
65°	9.8
67.5°	8.4
70°	7.0
72.5°	7.0
75°	5.6
77.5°	4.2
80°	2.8
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)