

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: P1275677

Luminaire Tested: P3AS09R209835DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275677
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209835DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

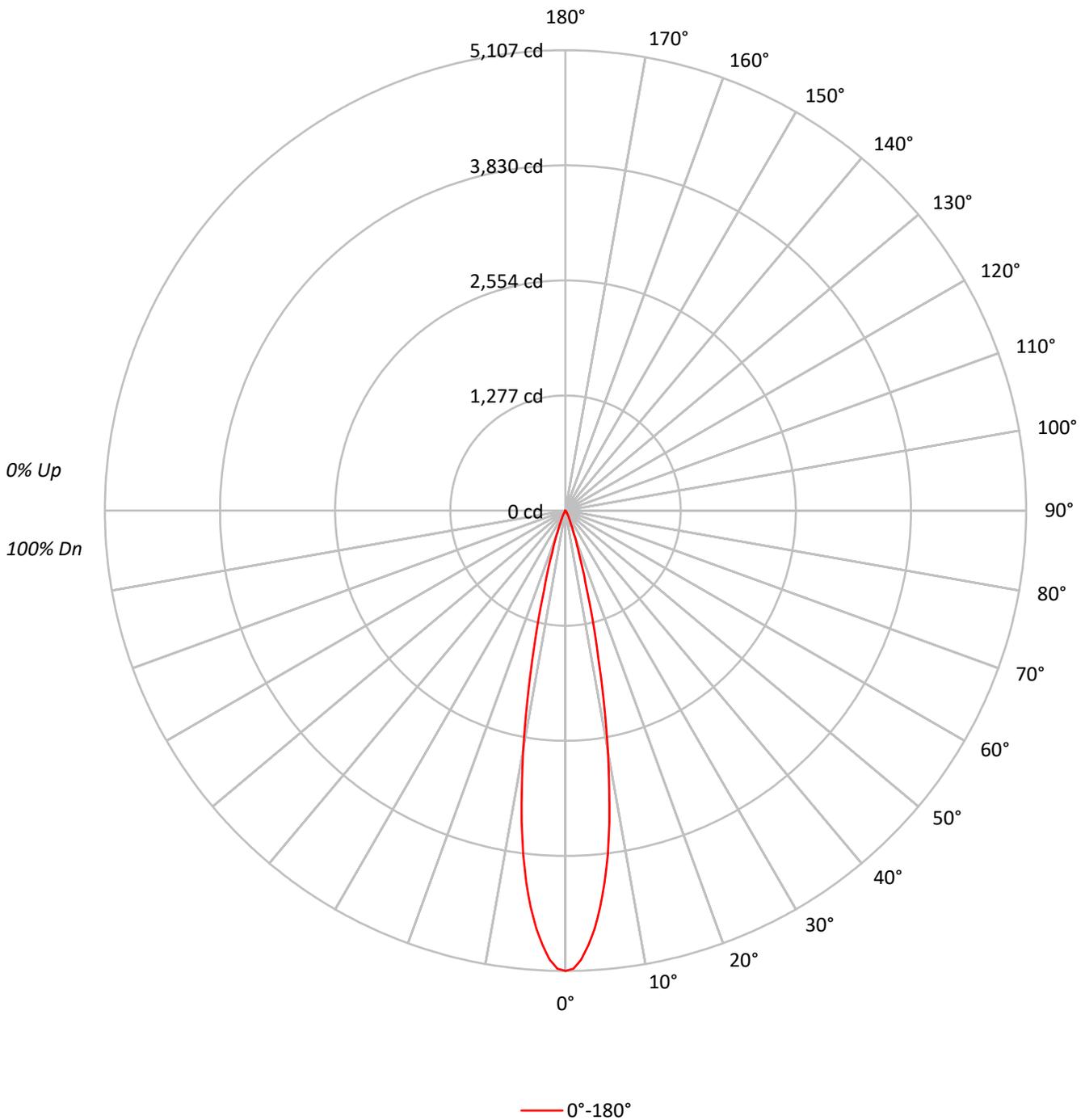
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 721.0 lumens
Efficiency: N/A
Efficacy: 65.5 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	116	114	112	110	113	112	110	109	108	106	105	104	103	102	101	100	99	98	98	98	98
2	112	109	106	104	110	108	105	103	104	103	101	102	100	99	99	98	97	97	98	97	95
3	109	105	102	100	108	104	101	99	102	99	97	99	98	96	97	96	95	95	96	95	93
4	107	102	99	96	105	101	98	96	99	97	94	97	95	93	96	94	92	96	94	92	91
5	104	99	96	93	103	98	95	93	97	94	92	95	93	91	94	92	91	94	92	91	90
6	102	97	93	91	101	96	93	90	95	92	90	94	91	89	93	90	89	93	90	89	88
7	100	94	91	88	99	94	91	88	93	90	88	92	89	87	91	89	87	91	89	87	86
8	98	92	89	86	97	92	89	86	91	88	86	90	88	86	89	87	85	89	87	85	85
9	96	90	87	85	95	90	87	85	89	86	84	89	86	84	88	86	84	88	86	84	83
10	94	89	85	83	93	88	85	83	88	85	83	87	84	83	86	84	82	86	84	82	82

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1119801
5°	971954
10°	600568
15°	208582
20°	64056
25°	22646
30°	8381
35°	3373
40°	1803
45°	713
50°	375
55°	421
60°	482
65°	311
70°	385
75°	508
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 713 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.5	50.8
10°-20°	290.8	40.3
20°-30°	50.3	7.0
30°-40°	9.2	1.3
40°-50°	2.1	0.3
50°-60°	1.0	0.1
60°-70°	0.7	0.1
70°-80°	0.6	0.1
80°-90°	0.0	0.0
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°	707.6	98.1
0°-40°	716.7	99.4
0°-60°	719.8	99.8
0°-90°	721.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	721.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5107	
5°	4416	366
15°	919	291
25°	94	50
35°	13	9
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5106.7
1°	5082.1
2°	4985.1
3°	4829.3
4°	4646.7
5°	4415.6
6°	4150.7
7°	3842.6
8°	3491.6
9°	3097.2
10°	2697.2
12.5°	1701.3
15°	918.8
17.5°	490.8
20°	274.5
22.5°	156.9
25°	93.6
27.5°	57.1
30°	33.1
32.5°	19.4
35°	12.6
37.5°	8.6
40°	6.3
42.5°	4.0
45°	2.3
47.5°	1.1
50°	1.1
52.5°	1.1
55°	1.1
57.5°	1.1
60°	1.1
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)