

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: P1260718

Luminaire Tested: P3AS20R359050D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260718
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359050D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

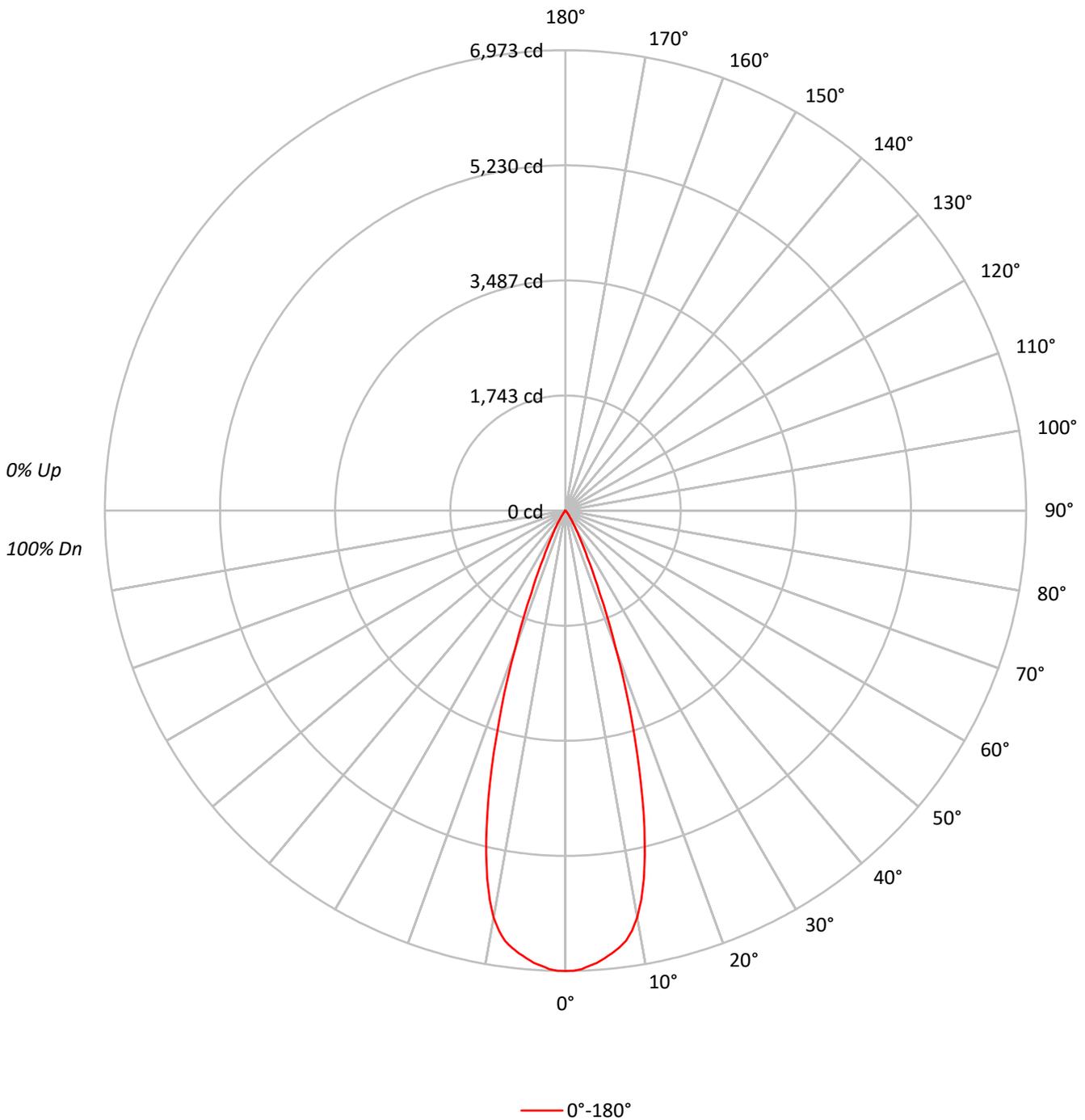
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2344.9 lumens
Efficiency: N/A
Efficacy: 81.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96	96	96	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93	93	93	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86	86	86	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83	83	83	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80	80	80	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78	78	78	78
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75	75	75	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73	73	73	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70	70	70	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1529088
5°	1497949
10°	1393539
15°	1021686
20°	523155
25°	188551
30°	73404
35°	25698
40°	10563
45°	2853
50°	2524
55°	2829
60°	2412
65°	1920
70°	2372
75°	3135
80°	2273
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 3135 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	634.4	27.1
10°-20°	1190.3	50.8
20°-30°	421.4	18.0
30°-40°	73.8	3.1
40°-50°	10.8	0.5
50°-60°	6.0	0.3
60°-70°	4.3	0.2
70°-80°	3.2	0.1
80°-90°	0.7	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°	2246.2	95.8
0°-40°	2319.9	98.9
0°-60°	2336.7	99.6
0°-90°	2344.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2344.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6973	
5°	6805	634
15°	4500	1190
25°	779	421
35°	96	74
45°	9	11
55°	7	6
65°	4	4
75°	4	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6973.2
1°	6971.4
2°	6949.2
3°	6906.7
4°	6868.0
5°	6805.2
6°	6740.5
7°	6668.5
8°	6579.9
9°	6441.4
10°	6258.5
11°	6005.5
12°	5700.8
13°	5338.9
14°	4940.0
15°	4500.5
17.5°	3351.8
20°	2241.9
22.5°	1351.8
25°	779.3
27.5°	465.4
30°	289.9
32.5°	168.1
35°	96.0
37.5°	60.9
40°	36.9
42.5°	18.5
45°	9.2
47.5°	7.4
50°	7.4
52.5°	7.4
55°	7.4
57.5°	5.5
60°	5.5
62.5°	5.5
65°	3.7
67.5°	3.7
70°	3.7
72.5°	3.7
75°	3.7
77.5°	1.8
80°	1.8
82.5°	1.8
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)