

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: P1274734

Luminaire Tested: P3AS20R359830D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274734
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: P3AS20R359830D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

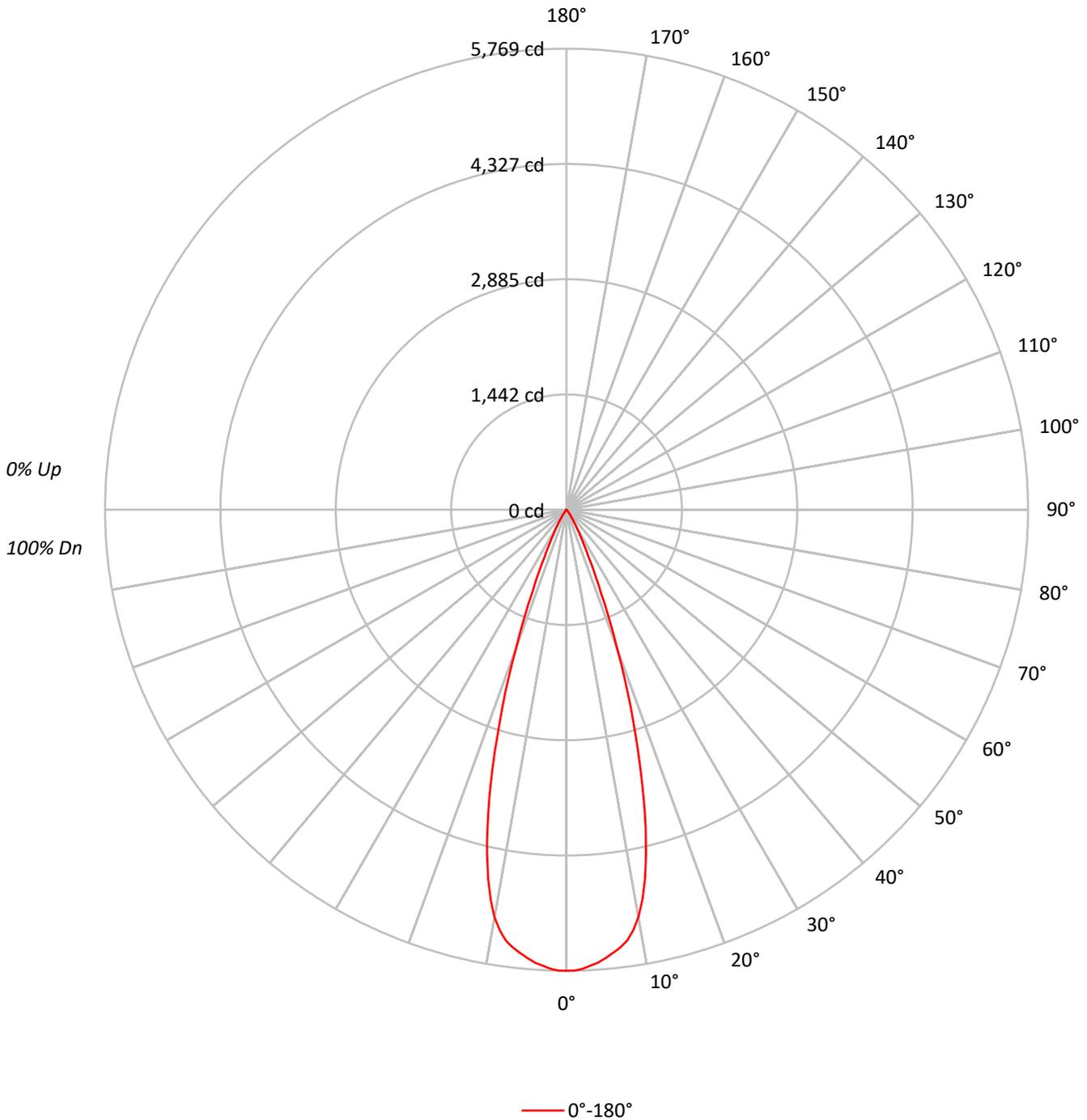
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1940.0 lumens
Efficiency: N/A
Efficacy: 70.8 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): 27.4
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°	1265008
5°	1239244
10°	1152862
15°	845226
20°	432801
25°	155985
30°	60744
35°	21255
40°	8759
45°	2357
50°	2081
55°	2332
60°	2017
65°	1608
70°	1988
75°	2626
80°	1894
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 2626 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	524.8	27.1
10°-20°	984.7	50.8
20°-30°	348.6	18.0
30°-40°	61.0	3.1
40°-50°	8.9	0.5
50°-60°	5.0	0.3
60°-70°	3.6	0.2
70°-80°	2.6	0.1
80°-90°	0.6	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°	1858.2	95.8
0°-40°	1919.3	98.9
0°-60°	1933.2	99.6
0°-90°	1940.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1940.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5769	
5°	5630	525
15°	3723	985
25°	645	349
35°	79	61
45°	8	9
55°	6	5
65°	3	4
75°	3	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	5768.9
1°	5767.4
2°	5749.0
3°	5713.9
4°	5681.8
5°	5629.9
6°	5576.4
7°	5516.8
8°	5443.5
9°	5328.9
10°	5177.6
11°	4968.3
12°	4716.3
13°	4416.8
14°	4086.8
15°	3723.2
17.5°	2772.9
20°	1854.7
22.5°	1118.3
25°	644.7
27.5°	385.0
30°	239.9
32.5°	139.0
35°	79.4
37.5°	50.4
40°	30.6
42.5°	15.3
45°	7.6
47.5°	6.1
50°	6.1
52.5°	6.1
55°	6.1
57.5°	4.6
60°	4.6
62.5°	4.6
65°	3.1
67.5°	3.1
70°	3.1
72.5°	3.1
75°	3.1
77.5°	1.5
80°	1.5
82.5°	1.5
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)