

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: P1276457

Luminaire Tested: P3AS17R359835DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276457
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: P3AS17R359835DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

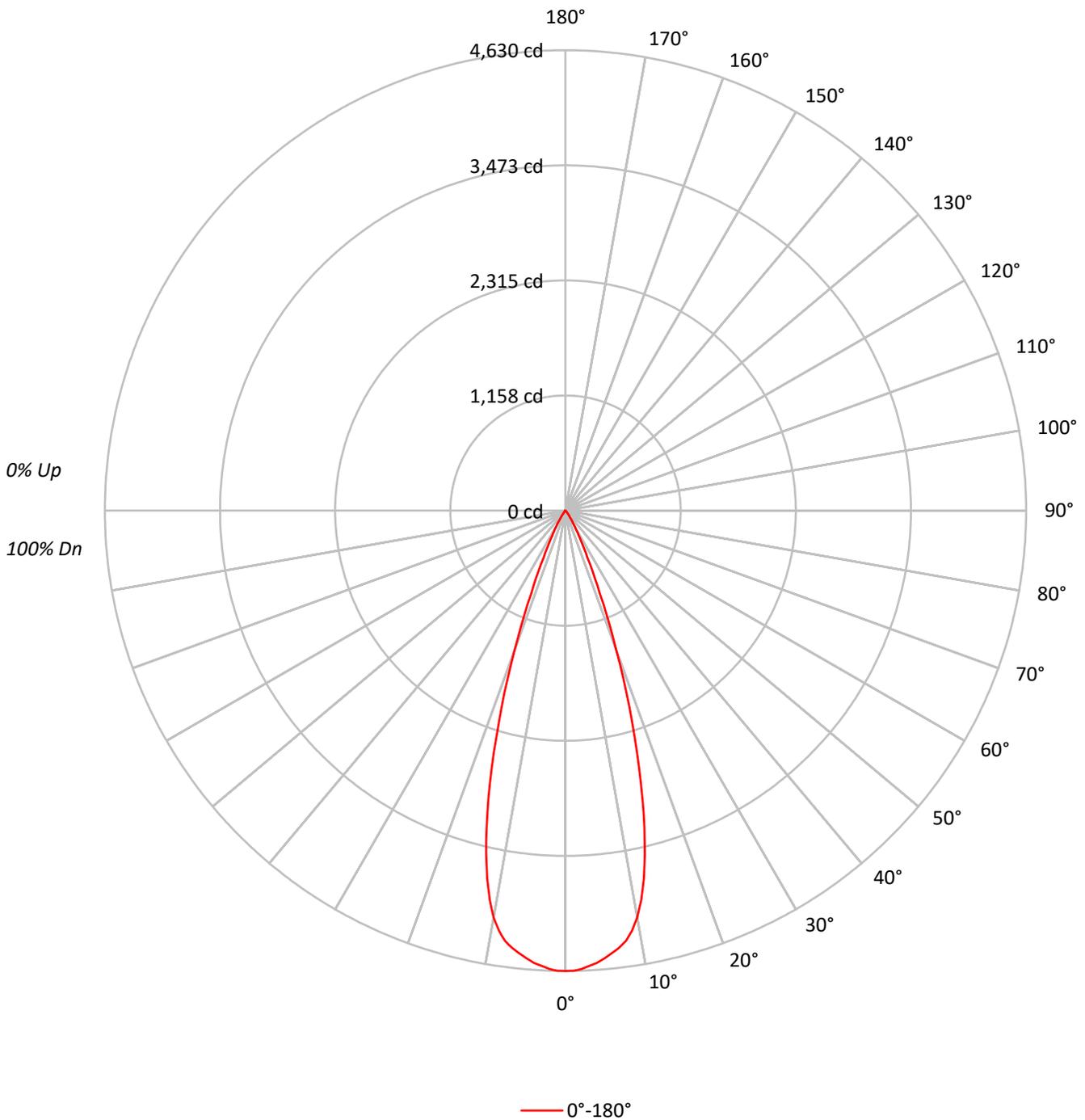
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1557.1 lumens
Efficiency: N/A
Efficacy: 76.3 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): 20.4
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	102	102	102	100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	98	98	98	96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	94	94	94	93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	94	92	90	89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	91	89	87	86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	89	86	84	83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	86	83	81	80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	84	81	79	77
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	81	78	76	75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	79	76	74	73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	77	74	71	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1015270
5°	994582
10°	925278
15°	678369
20°	347370
25°	125185
30°	48742
35°	17079
40°	7013
45°	1892
50°	1672
55°	1873
60°	1623
65°	1297
70°	1603
75°	2118
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 75°
 Luminance: 2118 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	421.2	27.1
10°-20°	790.3	50.8
20°-30°	279.8	18.0
30°-40°	49.0	3.1
40°-50°	7.2	0.5
50°-60°	4.0	0.3
60°-70°	2.9	0.2
70°-80°	2.1	0.1
80°-90°	0.5	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°	1491.4	95.8
0°-40°	1540.4	98.9
0°-60°	1551.5	99.6
0°-90°	1557.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1557.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4630	
5°	4518	421
15°	2988	790
25°	517	280
35°	64	49
45°	6	7
55°	5	4
65°	2	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4630.0
1°	4628.8
2°	4614.0
3°	4585.8
4°	4560.1
5°	4518.4
6°	4475.5
7°	4427.7
8°	4368.8
9°	4276.9
10°	4155.5
11°	3987.5
12°	3785.2
13°	3544.8
14°	3280.0
15°	2988.2
17.5°	2225.5
20°	1488.6
22.5°	897.6
25°	517.4
27.5°	309.0
30°	192.5
32.5°	111.6
35°	63.8
37.5°	40.5
40°	24.5
42.5°	12.3
45°	6.1
47.5°	4.9
50°	4.9
52.5°	4.9
55°	4.9
57.5°	3.7
60°	3.7
62.5°	3.7
65°	2.5
67.5°	2.5
70°	2.5
72.5°	2.5
75°	2.5
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)