

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: P1253679

Luminaire Tested: P3AS02R659035DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253679
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659035DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

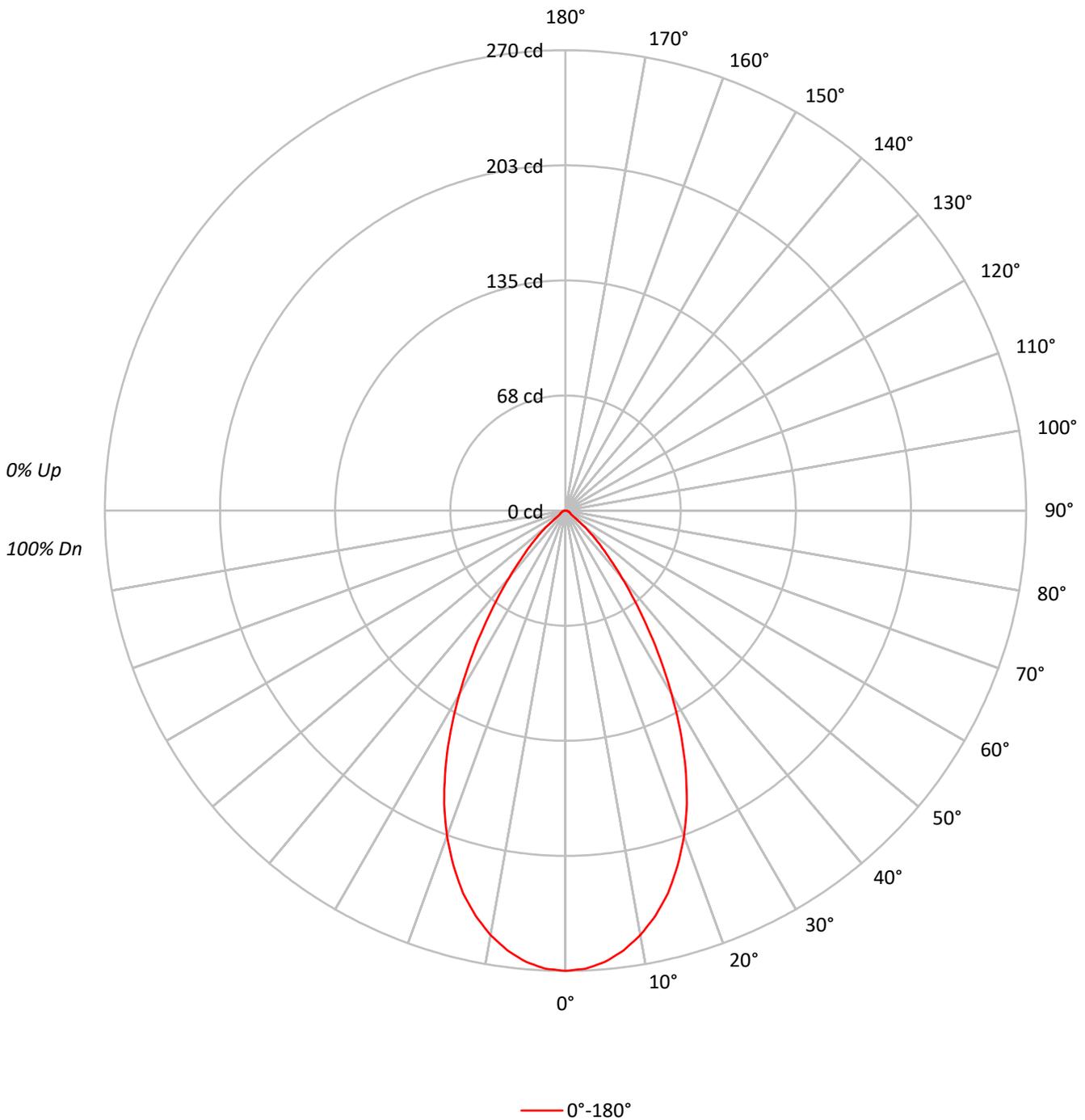
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 251.1 lumens
Efficiency: N/A
Efficacy: 69.8 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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				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
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79				79
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	68				68
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	71	67	64	63				63
7	81	72	65	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58				58
8	77	67	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				55
9	74	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				51
10	70	60	54	50	69	59	54	50	59	53	50	58	53	50	57	53	49	48				48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59184
5°	58485
10°	56267
15°	52713
20°	47394
25°	40260
30°	31473
35°	22433
40°	14685
45°	9086
50°	4605
55°	1644
60°	1447
65°	1453
70°	1282
75°	1271
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9086 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	9.9
10°-20°	64.6	25.7
20°-30°	75.5	30.1
30°-40°	52.8	21.0
40°-50°	23.2	9.3
50°-60°	5.2	2.1
60°-70°	2.7	1.1
70°-80°	1.6	0.6
80°-90°	0.6	0.2
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°	165.1	65.7
0°-40°	217.8	86.8
0°-60°	246.3	98.1
0°-90°	251.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	251.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	270	
5°	266	25
15°	232	65
25°	166	76
35°	84	53
45°	29	23
55°	4	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	269.9
2.5°	268.9
5°	265.7
7.5°	260.2
10°	252.7
12.5°	243.4
15°	232.2
17.5°	218.4
20°	203.1
22.5°	185.9
25°	166.4
27.5°	145.9
30°	124.3
32.5°	103.6
35°	83.8
37.5°	66.5
40°	51.3
42.5°	38.8
45°	29.3
47.5°	21.5
50°	13.5
52.5°	7.0
55°	4.3
57.5°	3.8
60°	3.3
62.5°	3.0
65°	2.8
67.5°	2.3
70°	2.0
72.5°	1.8
75°	1.5
77.5°	1.3
80°	1.0
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)