

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: P1263770

Luminaire Tested: P3AS02R159730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263770
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

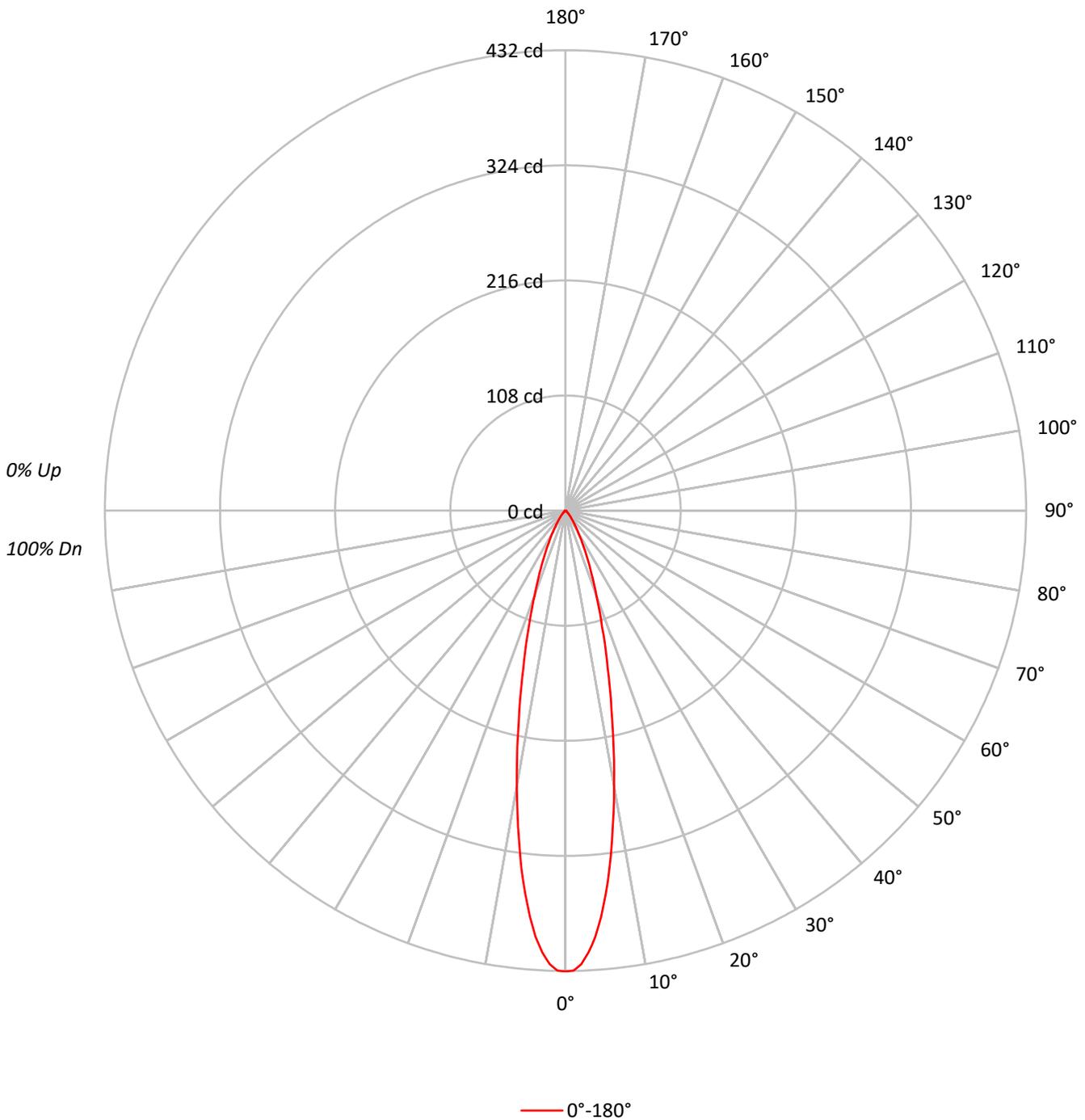
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 111.0 lumens
Efficiency: N/A
Efficacy: 30.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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				
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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91	95	92	90	92	90	88	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	89	87	85	83
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	84	81	86	84	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	76	73	78	75	73	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	94817
5°	84173
10°	58449
15°	34575
20°	19695
25°	11251
30°	6229
35°	3319
40°	1832
45°	992
50°	614
55°	497
60°	439
65°	363
70°	321
75°	339
80°	253
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 992 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	32.5	29.3
10°-20°	42.9	38.7
20°-30°	22.1	19.9
30°-40°	8.3	7.5
40°-50°	2.7	2.5
50°-60°	1.2	1.1
60°-70°	0.7	0.7
70°-80°	0.4	0.4
80°-90°	0.1	0.1
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°	97.5	87.9
0°-40°	105.8	95.4
0°-60°	109.7	98.9
0°-90°	111.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	111.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	432	
5°	382	33
15°	152	43
25°	46	22
35°	12	8
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	432.4
1°	431.6
2°	425.9
3°	415.1
4°	400.9
5°	382.4
6°	361.4
7°	338.4
8°	312.9
9°	287.6
10°	262.5
12.5°	202.0
15°	152.3
17.5°	114.0
20°	84.4
22.5°	63.0
25°	46.5
27.5°	33.9
30°	24.6
32.5°	17.4
35°	12.4
37.5°	8.9
40°	6.4
42.5°	4.6
45°	3.2
47.5°	2.4
50°	1.8
52.5°	1.5
55°	1.3
57.5°	1.1
60°	1.0
62.5°	0.9
65°	0.7
67.5°	0.6
70°	0.5
72.5°	0.5
75°	0.4
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0
90°	0.0

(END OF REPORT)