

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: P1256878

Luminaire Tested: P3AS09R159040DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256878
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: P3AS09R159040DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

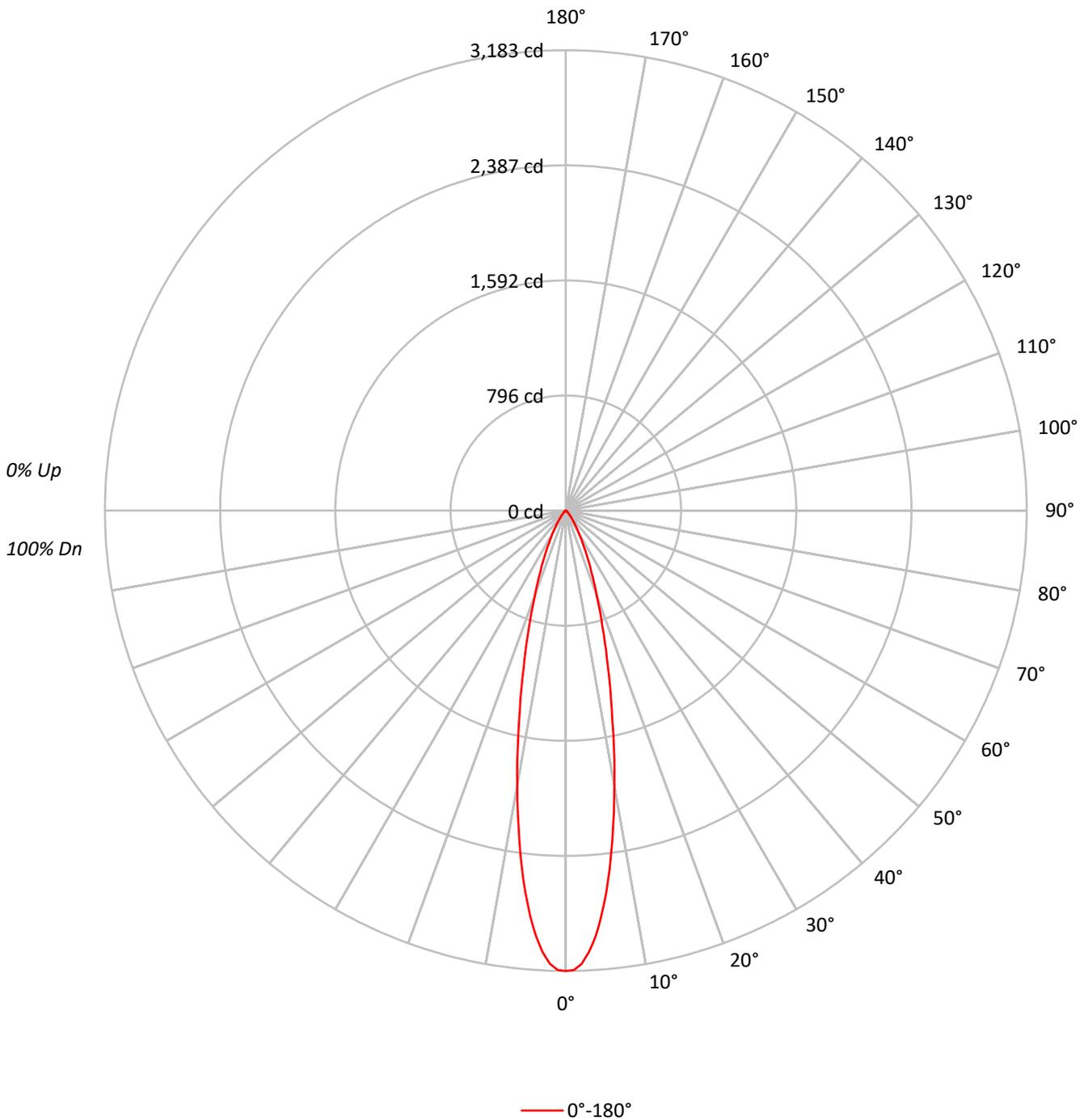
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 817.0 lumens
Efficiency: N/A
Efficacy: 73.6 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): 11.1
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	99	98	97	95
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	96	94	93	91
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	92	90	88	87
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	697927
5°	619523
10°	430230
15°	254440
20°	144913
25°	82843
30°	45830
35°	24440
40°	13511
45°	7319
50°	4571
55°	3594
60°	3114
65°	2854
70°	2500
75°	2626
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7319 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	239.3	29.3
10°-20°	315.9	38.7
20°-30°	162.6	19.9
30°-40°	61.1	7.5
40°-50°	20.0	2.4
50°-60°	8.6	1.1
60°-70°	5.4	0.7
70°-80°	3.2	0.4
80°-90°	0.9	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°	717.8	87.9
0°-40°	778.9	95.3
0°-60°	807.5	98.8
0°-90°	817.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	817.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3183	
5°	2814	239
15°	1121	316
25°	342	163
35°	91	61
45°	24	20
55°	9	9
65°	6	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	3182.8
1°	3176.5
2°	3134.8
3°	3055.3
4°	2950.6
5°	2814.5
6°	2660.2
7°	2491.0
8°	2302.9
9°	2117.2
10°	1932.2
12.5°	1486.7
15°	1120.8
17.5°	839.0
20°	621.0
22.5°	463.6
25°	342.4
27.5°	249.5
30°	181.0
32.5°	128.3
35°	91.3
37.5°	65.3
40°	47.2
42.5°	33.8
45°	23.6
47.5°	17.3
50°	13.4
52.5°	11.0
55°	9.4
57.5°	7.9
60°	7.1
62.5°	6.3
65°	5.5
67.5°	4.7
70°	3.9
72.5°	3.9
75°	3.1
77.5°	2.4
80°	1.6
82.5°	1.6
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)