

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: P1286845

Luminaire Tested: P3AS09R409030D2WDE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286845
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409030D2WDE010 E3DL1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

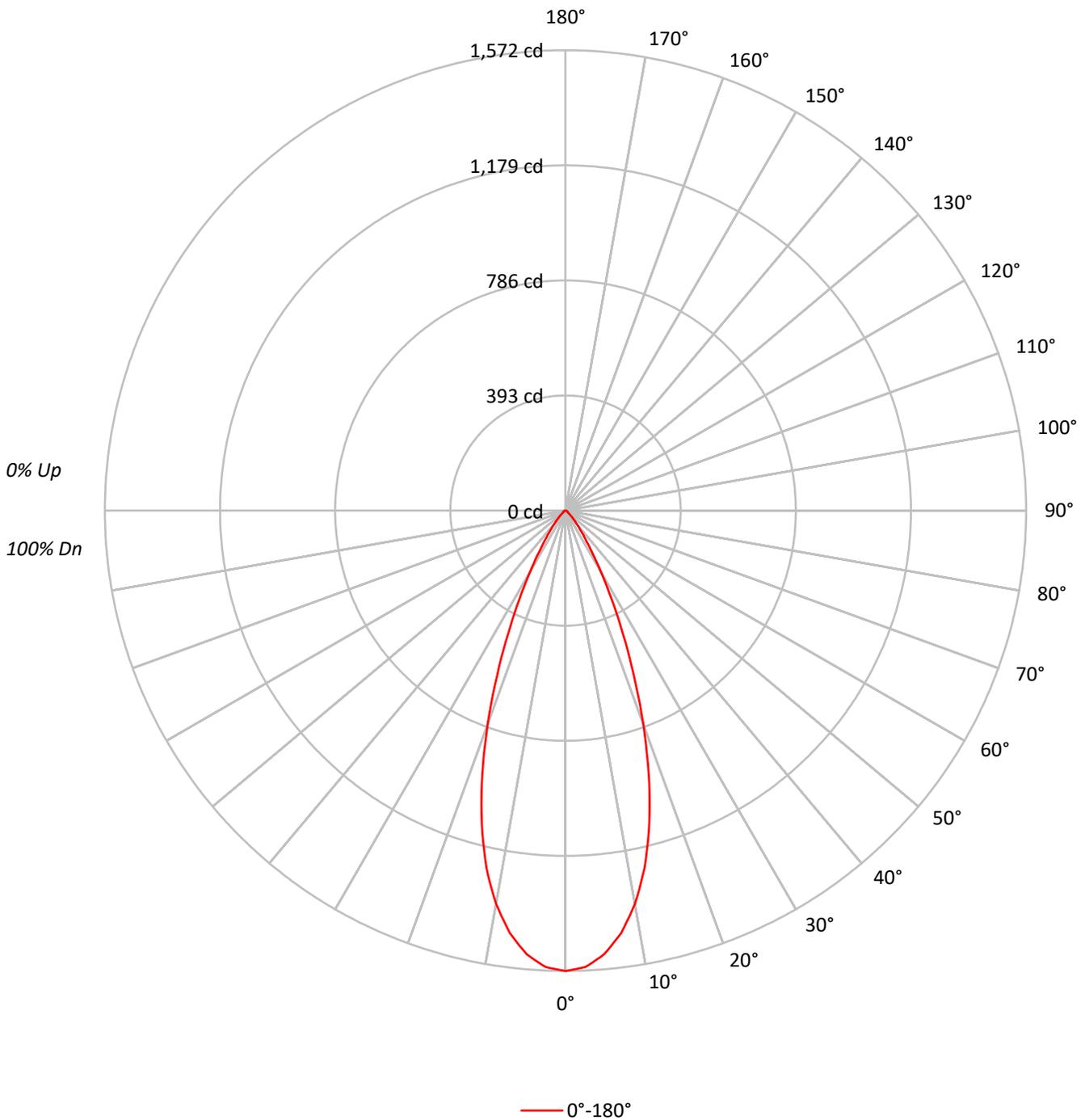
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 779.0 lumens
Efficiency: N/A
Efficacy: 53.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	94	94	94	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89	89	89	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	84	81	80	80	80	80
5	96	88	83	79	94	88	83	79	86	82	78	84	81	78	83	80	77	76	76	76	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	72	72	72	72
7	88	80	75	71	87	79	74	71	78	74	71	77	73	70	76	73	70	69	69	69	69
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65	65	65	65
9	82	73	68	64	81	73	68	64	72	67	64	71	67	64	70	66	64	63	63	63	63
10	78	70	65	62	78	70	65	61	69	64	61	68	64	61	67	64	61	60	60	60	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344709
5°	334690
10°	303713
15°	250921
20°	180989
25°	111950
30°	60617
35°	31320
40°	17032
45°	9551
50°	4776
55°	3594
60°	3245
65°	3113
70°	3013
75°	2796
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9551 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	140.2	18.0
10°-20°	301.0	38.6
20°-30°	214.8	27.6
30°-40°	79.1	10.1
40°-50°	24.9	3.2
50°-60°	8.7	1.1
60°-70°	6.0	0.8
70°-80°	3.5	0.5
80°-90°	1.0	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°	655.9	84.2
0°-40°	735.0	94.3
0°-60°	768.5	98.7
0°-90°	779.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	779.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1572	
5°	1520	140
15°	1105	301
25°	463	215
35°	117	79
45°	31	25
55°	9	9
65°	6	6
75°	3	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1572.0
2.5°	1559.9
5°	1520.5
7.5°	1455.0
10°	1364.0
12.5°	1248.3
15°	1105.3
17.5°	944.8
20°	775.6
22.5°	609.1
25°	462.7
27.5°	339.7
30°	239.4
32.5°	167.8
35°	117.0
37.5°	82.9
40°	59.5
42.5°	42.8
45°	30.8
47.5°	20.7
50°	14.0
52.5°	10.0
55°	9.4
57.5°	8.7
60°	7.4
62.5°	6.7
65°	6.0
67.5°	5.3
70°	4.7
72.5°	4.0
75°	3.3
77.5°	2.7
80°	2.0
82.5°	1.3
85°	0.7
87.5°	0.7
90°	0.0

(END OF REPORT)