

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: P1276497

Luminaire Tested: P3AS17R409835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276497
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

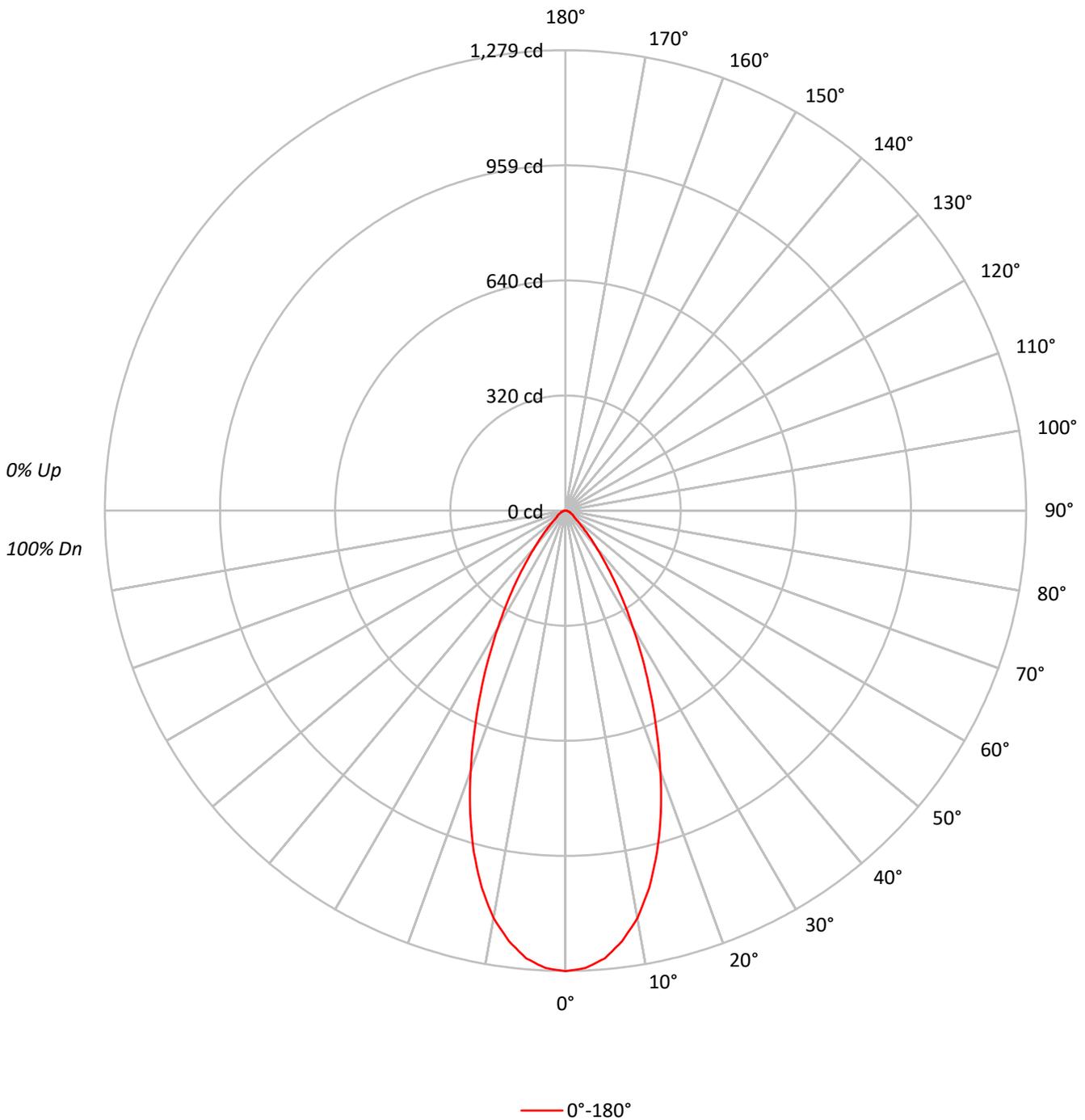
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 901.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	88	88	88	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	81	81	81	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	64	82	73	68	63	72	67	63	71	66	63	70	66	62	62	62	62	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	59	59	59	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	280548
5°	274862
10°	255929
15°	223066
20°	179752
25°	134742
30°	94723
35°	62051
40°	37585
45°	22452
50°	13407
55°	10781
60°	9692
65°	8250
70°	7886
75°	6270
80°	6188
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22452 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.0	12.9
10°-20°	270.6	30.0
20°-30°	255.0	28.3
30°-40°	147.5	16.4
40°-50°	58.8	6.5
50°-60°	26.0	2.9
60°-70°	16.1	1.8
70°-80°	8.4	0.9
80°-90°	2.7	0.3
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°	641.6	71.2
0°-40°	789.1	87.6
0°-60°	873.8	97.0
0°-90°	901.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	901.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1279	
5°	1249	116
15°	983	271
25°	557	255
35°	232	147
45°	72	59
55°	28	26
65°	16	16
75°	7	8
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1279.4
2.5°	1272.1
5°	1248.7
7.5°	1205.8
10°	1149.4
12.5°	1073.3
15°	982.6
17.5°	880.7
20°	770.3
22.5°	659.9
25°	556.9
27.5°	461.2
30°	374.1
32.5°	298.1
35°	231.8
37.5°	175.4
40°	131.3
42.5°	98.1
45°	72.4
47.5°	52.7
50°	39.3
52.5°	31.9
55°	28.2
57.5°	25.8
60°	22.1
62.5°	18.4
65°	15.9
67.5°	13.5
70°	12.3
72.5°	9.8
75°	7.4
77.5°	6.1
80°	4.9
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)