

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: P1257814

Luminaire Tested: P3AS17R409040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257814
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: P3AS17R409040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

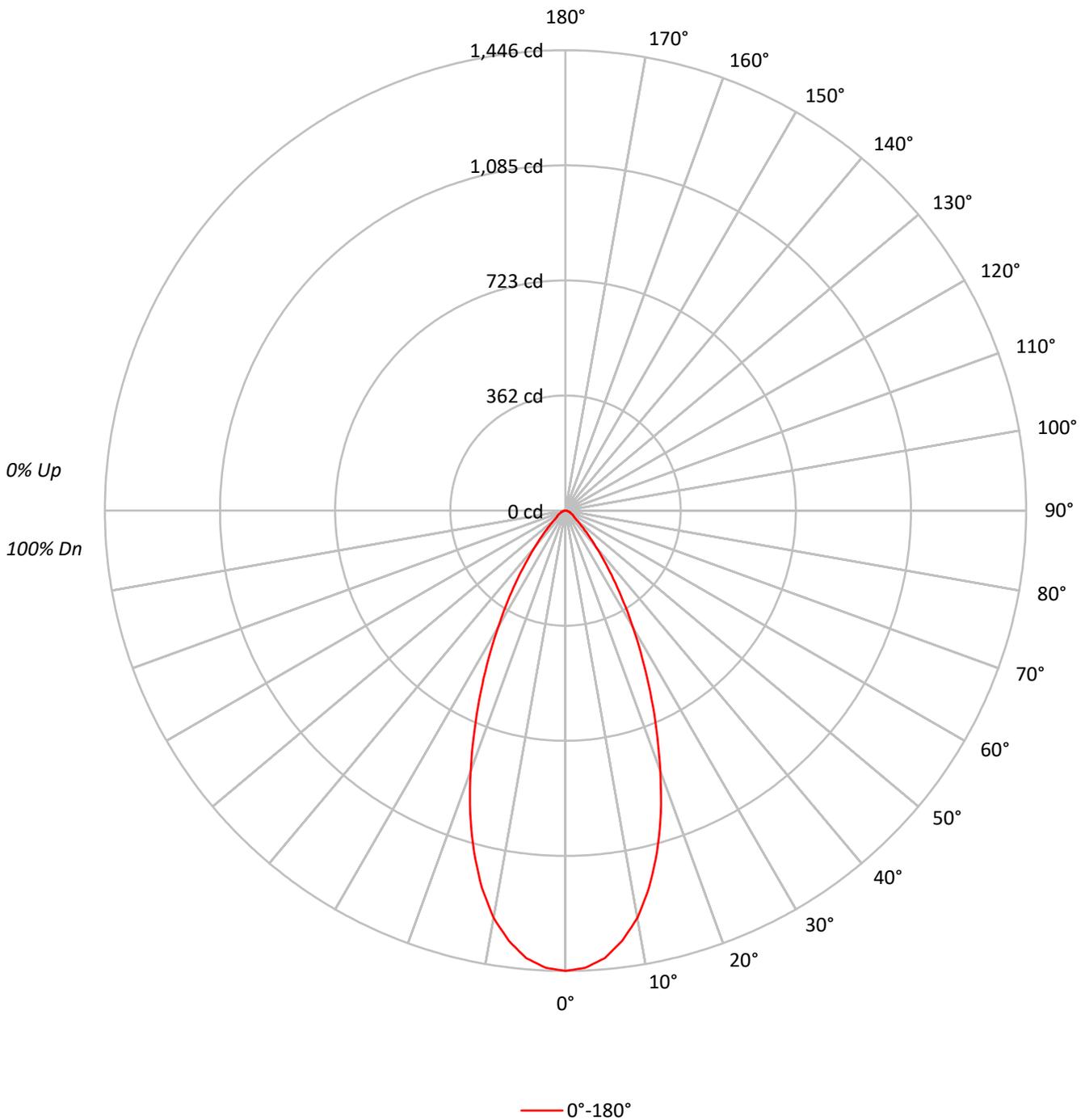
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1018.0 lumens
Efficiency: N/A
Efficacy: 48.0 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): 21.2
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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80	80	80	80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69	69	69	69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65	65	65	65
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61	61	61	61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58	58	58	58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54	54	54	54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51	51	51	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	316992
5°	310565
10°	289151
15°	252033
20°	203111
25°	152235
30°	107029
35°	70109
40°	42451
45°	25367
50°	15147
55°	12196
60°	10920
65°	9340
70°	8912
75°	7032
80°	6945
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25367 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	131.0	12.9
10°-20°	305.8	30.0
20°-30°	288.1	28.3
30°-40°	166.6	16.4
40°-50°	66.4	6.5
50°-60°	29.4	2.9
60°-70°	18.1	1.8
70°-80°	9.5	0.9
80°-90°	3.0	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°	724.9	71.2
0°-40°	891.5	87.6
0°-60°	987.3	97.0
0°-90°	1018.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1018.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1446	
5°	1411	131
15°	1110	306
25°	629	288
35°	262	167
45°	82	66
55°	32	29
65°	18	18
75°	8	9
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1445.6
2.5°	1437.2
5°	1410.9
7.5°	1362.4
10°	1298.6
12.5°	1212.7
15°	1110.2
17.5°	995.1
20°	870.4
22.5°	745.6
25°	629.2
27.5°	521.1
30°	422.7
32.5°	336.8
35°	261.9
37.5°	198.2
40°	148.3
42.5°	110.9
45°	81.8
47.5°	59.6
50°	44.4
52.5°	36.0
55°	31.9
57.5°	29.1
60°	24.9
62.5°	20.8
65°	18.0
67.5°	15.2
70°	13.9
72.5°	11.1
75°	8.3
77.5°	6.9
80°	5.5
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)