

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: P1252024

Luminaire Tested: P3AS13R409030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252024
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: P3AS13R409030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

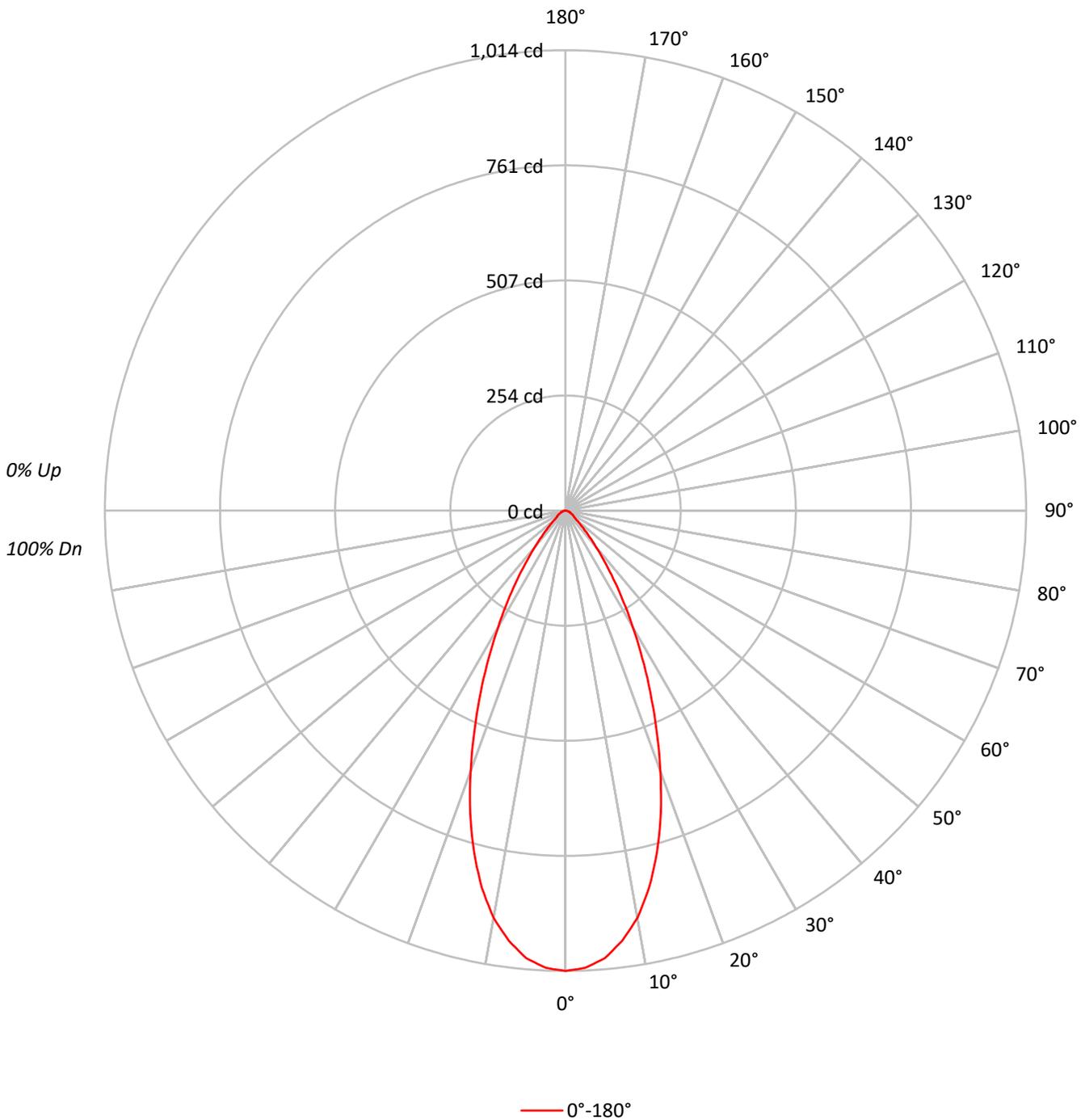
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 714.0 lumens
Efficiency: N/A
Efficacy: 48.9 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): 14.6
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				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
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	93	97	94	91	94	92	89	92	89	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80				80
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	64	82	73	68	63	72	67	63	71	66	63	70	66	62	61				61
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58				58
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	222329
5°	217829
10°	202802
15°	176755
20°	142462
25°	106772
30°	75075
35°	49175
40°	29770
45°	17800
50°	10609
55°	8564
60°	7675
65°	6538
70°	6219
75°	4914
80°	4925
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17800 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.9	12.9
10°-20°	214.5	30.0
20°-30°	202.1	28.3
30°-40°	116.9	16.4
40°-50°	46.6	6.5
50°-60°	20.6	2.9
60°-70°	12.7	1.8
70°-80°	6.7	0.9
80°-90°	2.1	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°	508.4	71.2
0°-40°	625.3	87.6
0°-60°	692.5	97.0
0°-90°	714.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	714.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1014	
5°	990	92
15°	779	214
25°	441	202
35°	184	117
45°	57	47
55°	22	21
65°	13	13
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1013.9
2.5°	1008.0
5°	989.6
7.5°	955.5
10°	910.8
12.5°	850.6
15°	778.6
17.5°	697.9
20°	610.5
22.5°	523.0
25°	441.3
27.5°	365.5
30°	296.5
32.5°	236.2
35°	183.7
37.5°	139.0
40°	104.0
42.5°	77.8
45°	57.4
47.5°	41.8
50°	31.1
52.5°	25.3
55°	22.4
57.5°	20.4
60°	17.5
62.5°	14.6
65°	12.6
67.5°	10.7
70°	9.7
72.5°	7.8
75°	5.8
77.5°	4.9
80°	3.9
82.5°	2.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)