

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: P1252400

Luminaire Tested: P3AS17R409030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252400
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: P3AS17R409030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

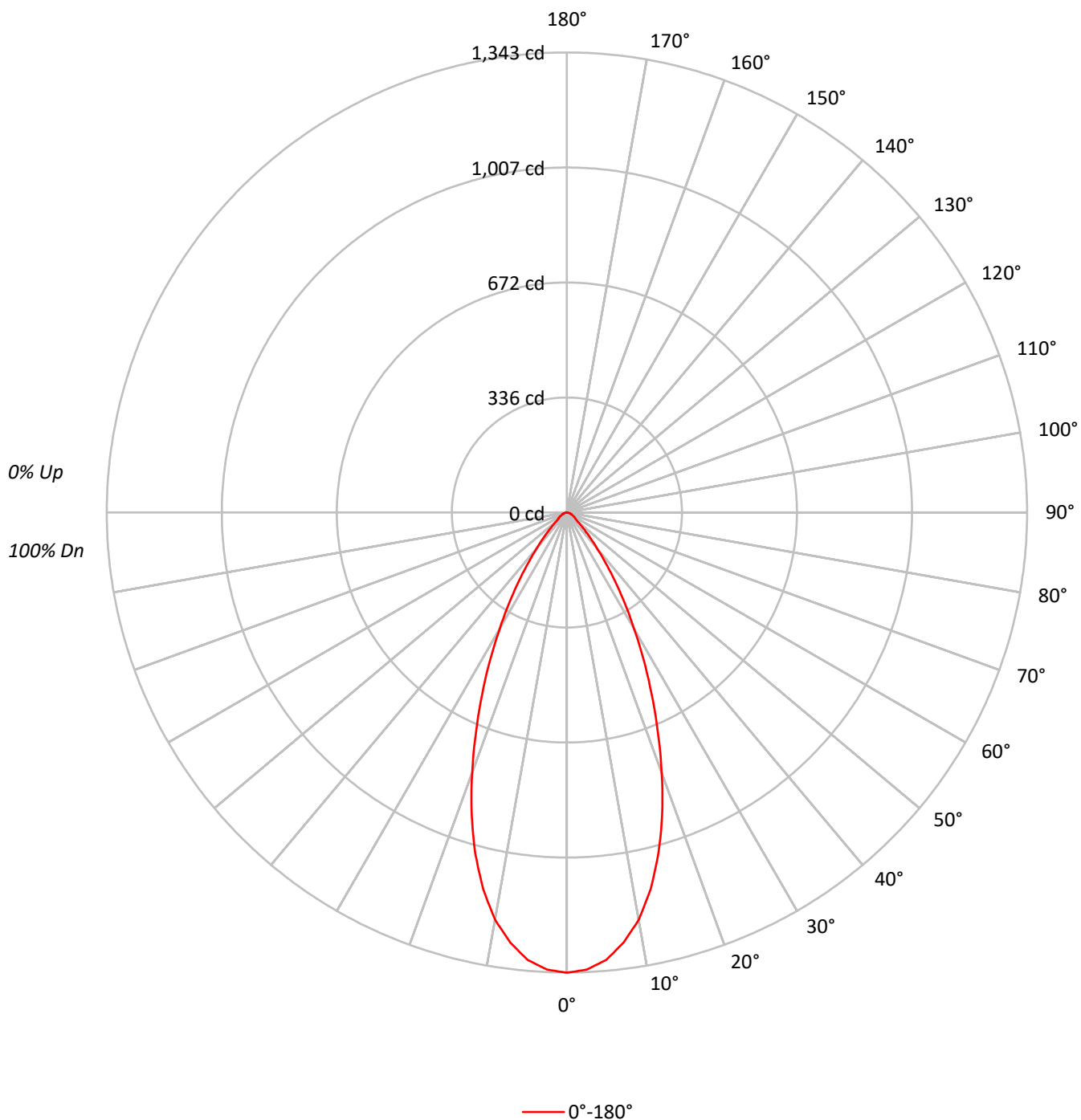
Lumens per Lamp: N/A
Luminaire Lumens: 946.0 lumens
Efficiency: N/A
Efficacy: 44.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	294560
5°	288597
10°	268710
15°	234190
20°	188736
25°	141468
30°	99458
35°	65156
40°	39445
45°	23568
50°	14055
55°	11316
60°	10175
65°	8665
70°	8271
75°	6524
80°	6566
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	121.8	12.9
10°-20°	284.1	30.0
20°-30°	267.8	28.3
30°-40°	154.8	16.4
40°-50°	61.7	6.5
50°-60°	27.3	2.9
60°-70°	16.9	1.8
70°-80°	8.8	0.9
80°-90°	2.8	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°	673.6	71.2
0°-40°	828.5	87.6
0°-60°	917.5	97.0
0°-90°	946.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	946.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1343	
5°	1311	122
15°	1032	284
25°	585	268
35°	243	155
45°	76	62
55°	30	27
65°	17	17
75°	8	9
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1343.3
2.5°	1335.6
5°	1311.1
7.5°	1266.0
10°	1206.8
12.5°	1126.9
15°	1031.6
17.5°	924.7
20°	808.8
22.5°	692.9
25°	584.7
27.5°	484.3
30°	392.8
32.5°	313.0
35°	243.4
37.5°	184.2
40°	137.8
42.5°	103.0
45°	76.0
47.5°	55.4
50°	41.2
52.5°	33.5
55°	29.6
57.5°	27.0
60°	23.2
62.5°	19.3
65°	16.7
67.5°	14.2
70°	12.9
72.5°	10.3
75°	7.7
77.5°	6.4
80°	5.2
82.5°	3.9
85°	2.6
87.5°	1.3
90°	0.0

(END OF REPORT)