

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: P1270914

Luminaire Tested: P3AS02R309827DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309827DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

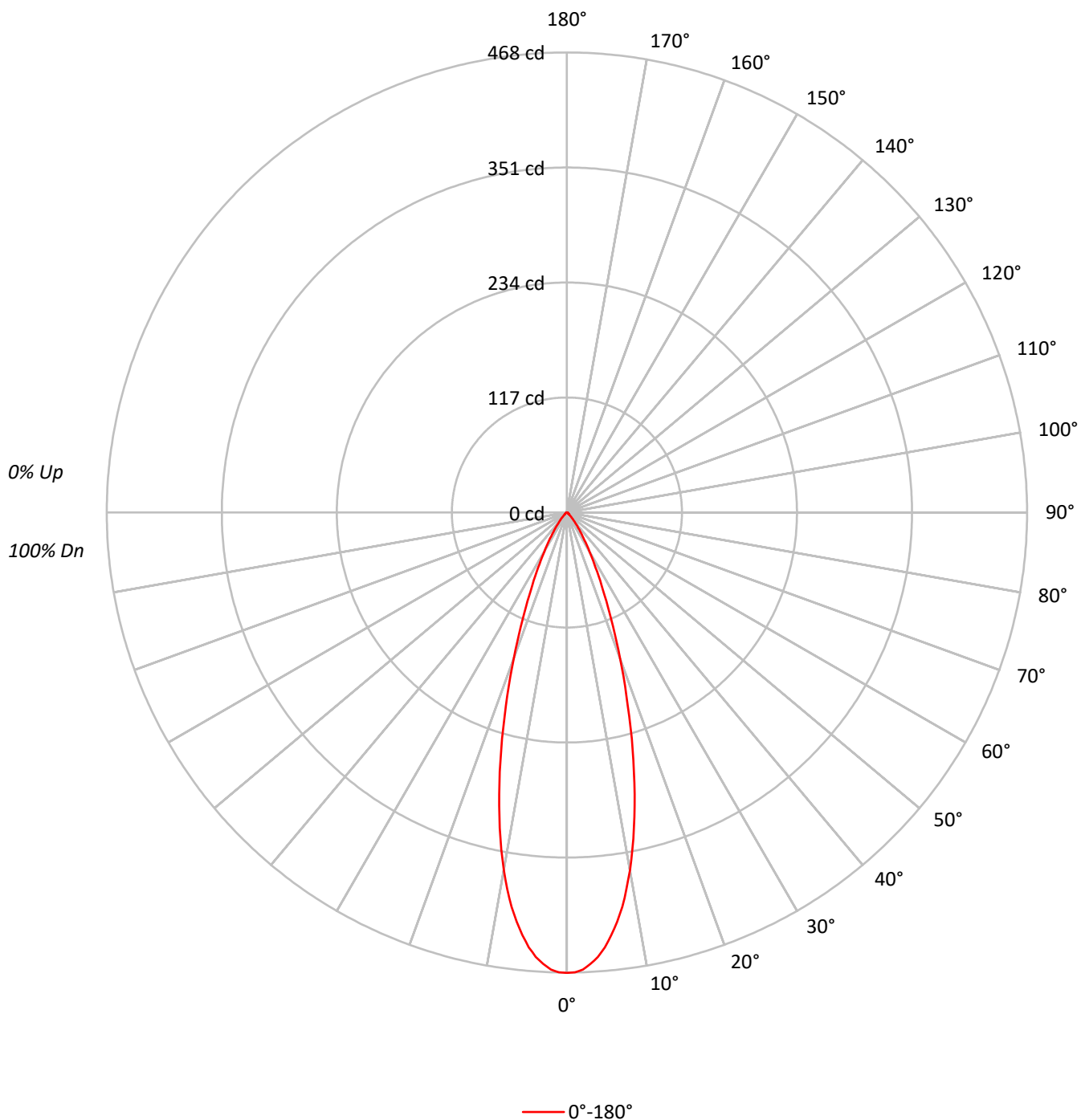
Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	99
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	94	93
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	89	87
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	85	83
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	81	79
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	77	75
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	74	71
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	70	69
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	68	66
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	65	63
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	62	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102711
5°	97755
10°	82230
15°	59297
20°	36777
25°	20929
30°	11622
35°	6318
40°	3321
45°	1799
50°	955
55°	650
60°	570
65°	623
70°	513
75°	424
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1799 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.0	22.7
10°-20°	71.1	40.4
20°-30°	41.1	23.3
30°-40°	15.6	8.9
40°-50°	4.8	2.7
50°-60°	1.6	0.9
60°-70°	1.1	0.6
70°-80°	0.6	0.3
80°-90°	0.2	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°	152.1	86.4
0°-40°	167.7	95.3
0°-60°	174.1	98.9
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	468	
5°	444	40
15°	261	71
25°	86	41
35°	24	16
45°	6	5
55°	2	2
65°	1	1
75°	0	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	468.4
1°	468.0
2°	465.2
3°	459.9
4°	453.2
5°	444.1
6°	432.4
7°	419.5
8°	405.0
9°	387.7
10°	369.3
11°	349.3
12°	328.2
13°	306.1
14°	283.6
15°	261.2
17.5°	206.0
20°	157.6
22.5°	116.9
25°	86.5
27.5°	62.8
30°	45.9
32.5°	33.1
35°	23.6
37.5°	16.5
40°	11.6
42.5°	8.1
45°	5.8
47.5°	4.0
50°	2.8
52.5°	2.0
55°	1.7
57.5°	1.5
60°	1.3
62.5°	1.2
65°	1.2
67.5°	1.0
70°	0.8
72.5°	0.7
75°	0.5
77.5°	0.5
80°	0.3
82.5°	0.3
85°	0.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)