

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: P1272987

Luminaire Tested: P3A02R309830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272987
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

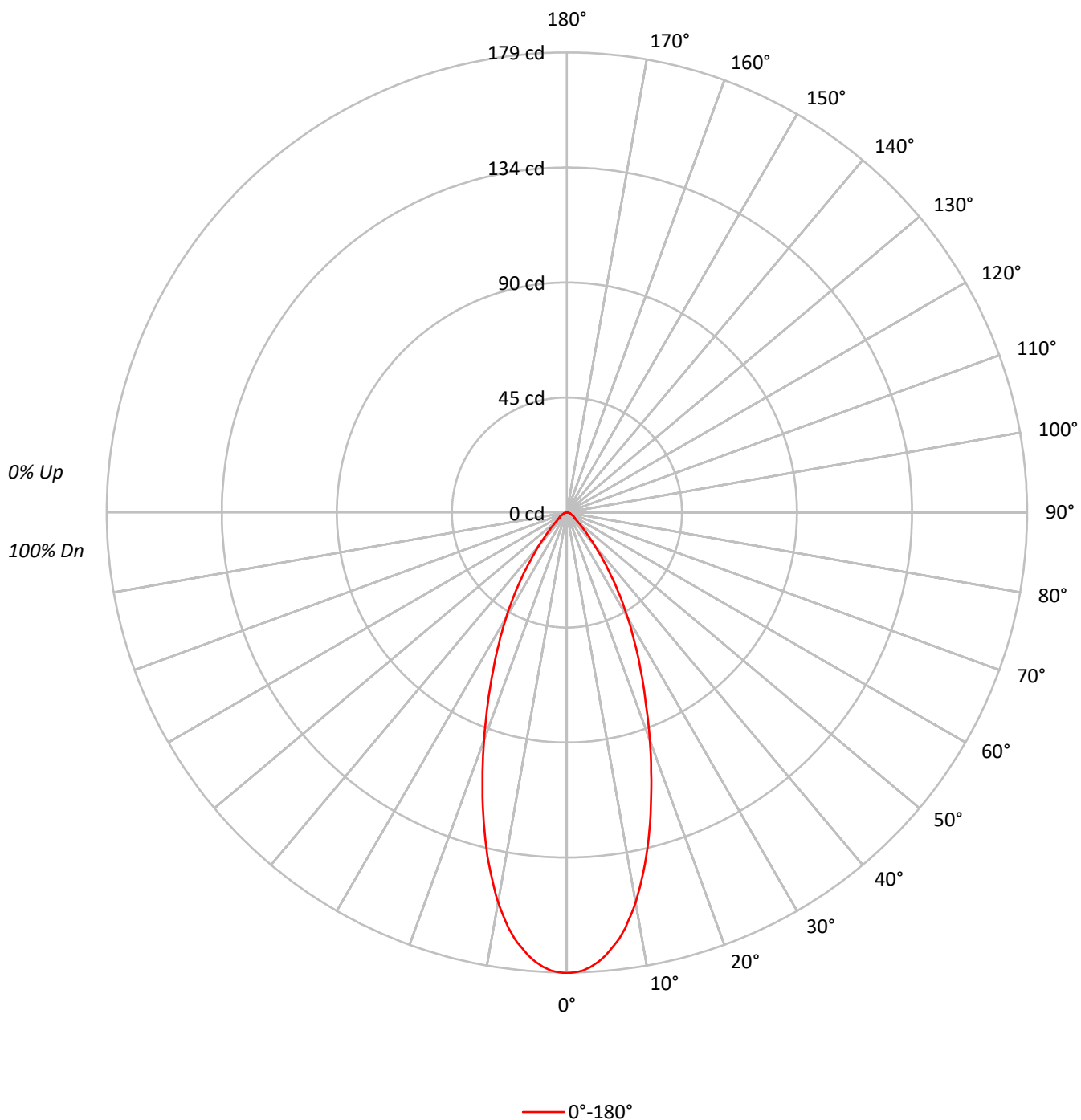
Lumens per Lamp: N/A
Luminaire Lumens: 115.1 lumens
Efficiency: N/A
Efficacy: 32.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39295
5°	38080
10°	34312
15°	28377
20°	21982
25°	16477
30°	11977
35°	7977
40°	4895
45°	2884
50°	1774
55°	1415
60°	1272
65°	1038
70°	898
75°	932
80°	631
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2884 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.9	13.8
10°-20°	34.4	29.9
20°-30°	31.3	27.2
30°-40°	18.9	16.5
40°-50°	7.6	6.6
50°-60°	3.4	2.9
60°-70°	2.0	1.8
70°-80°	1.1	1.0
80°-90°	0.3	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°	81.7	71.0
0°-40°	100.6	87.4
0°-60°	111.6	97.0
0°-90°	115.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	115.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	179	
5°	173	16
15°	125	34
25°	68	31
35°	30	19
45°	9	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	179.2
1°	179.0
2°	178.3
3°	177.1
4°	175.3
5°	173.0
6°	170.1
7°	167.1
8°	163.2
9°	158.7
10°	154.1
11°	148.7
12°	143.0
13°	137.3
14°	131.1
15°	125.0
17.5°	109.1
20°	94.2
22.5°	80.2
25°	68.1
27.5°	57.1
30°	47.3
32.5°	38.2
35°	29.8
37.5°	22.8
40°	17.1
42.5°	12.5
45°	9.3
47.5°	7.0
50°	5.2
52.5°	4.1
55°	3.7
57.5°	3.2
60°	2.9
62.5°	2.3
65°	2.0
67.5°	1.8
70°	1.4
72.5°	1.2
75°	1.1
77.5°	0.9
80°	0.5
82.5°	0.4
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)