

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: P1273015

Luminaire Tested: P3A02R359830DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R359830DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

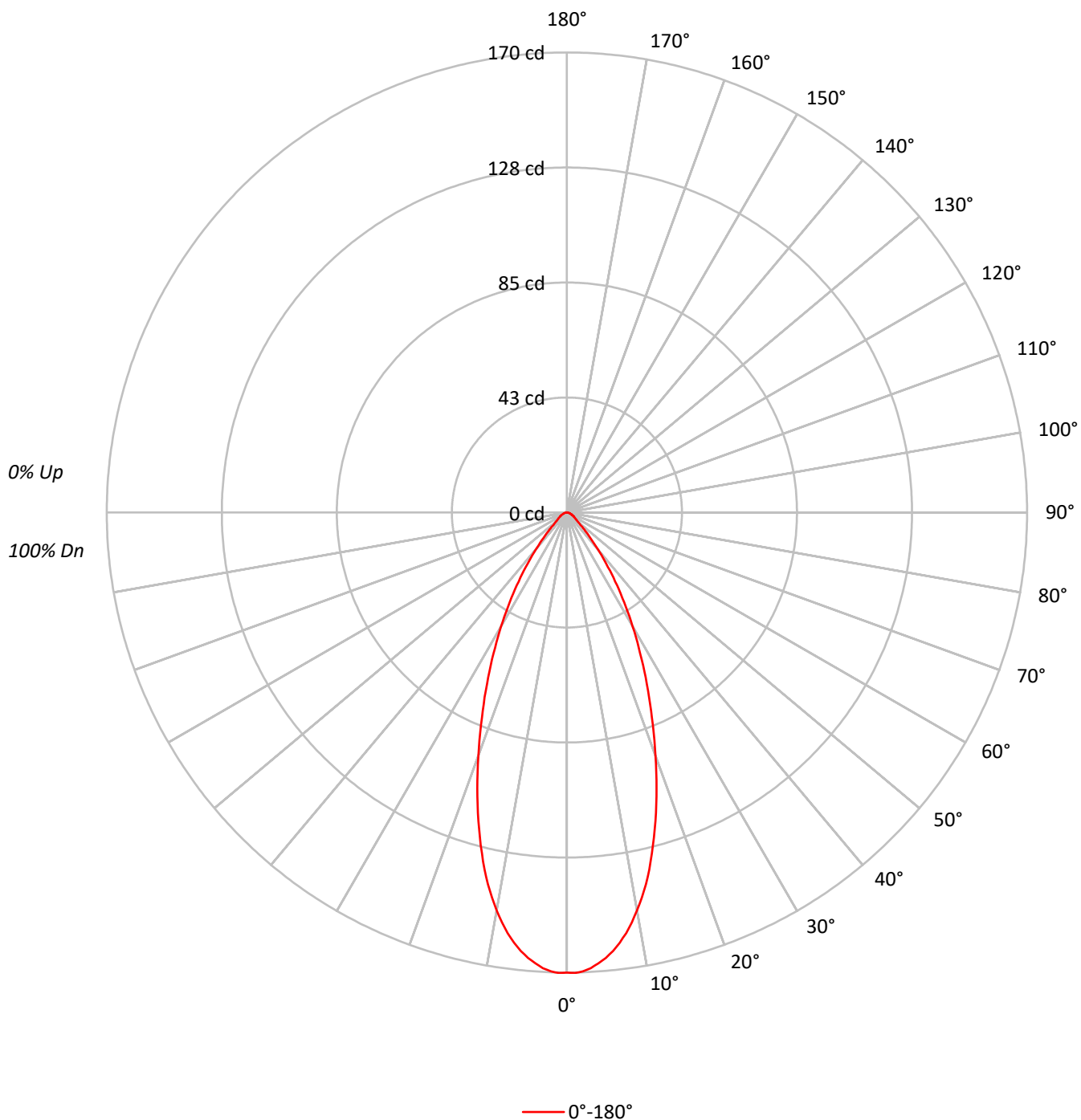
Lumens per Lamp: N/A
Luminaire Lumens: 116.1 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		83	80	76		82
5	92	83	77	73	90	82	77	73	80	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37278
5°	36364
10°	33244
15°	28218
20°	22332
25°	16888
30°	12306
35°	8325
40°	5124
45°	2946
50°	1774
55°	1453
60°	1272
65°	1090
70°	898
75°	932
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2946 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.3	13.2
10°-20°	34.3	29.5
20°-30°	32.1	27.6
30°-40°	19.6	16.9
40°-50°	7.8	6.7
50°-60°	3.4	2.9
60°-70°	2.1	1.8
70°-80°	1.1	1.0
80°-90°	0.4	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°	81.6	70.3
0°-40°	101.2	87.2
0°-60°	112.4	96.9
0°-90°	116.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	116.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	170	
5°	165	15
15°	124	34
25°	70	32
35°	31	20
45°	10	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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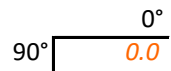
CANDELA DISTRIBUTION (FULL):

0°	
0°	170.0
1°	170.2
2°	169.7
3°	168.6
4°	167.0
5°	165.2
6°	162.9
7°	160.2
8°	157.0
9°	153.4
10°	149.3
11°	145.0
12°	140.4
13°	135.4
14°	129.8
15°	124.3
17.5°	110.0
20°	95.7
22.5°	82.0
25°	69.8
27.5°	58.6
30°	48.6
32.5°	39.3
35°	31.1
37.5°	23.8
40°	17.9
42.5°	12.9
45°	9.5
47.5°	6.8
50°	5.2
52.5°	4.3
55°	3.8
57.5°	3.2
60°	2.9
62.5°	2.5
65°	2.1
67.5°	1.8
70°	1.4
72.5°	1.3
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)