

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: P1263864

Luminaire Tested: P3A02R309730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263864
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: P3A02R309730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

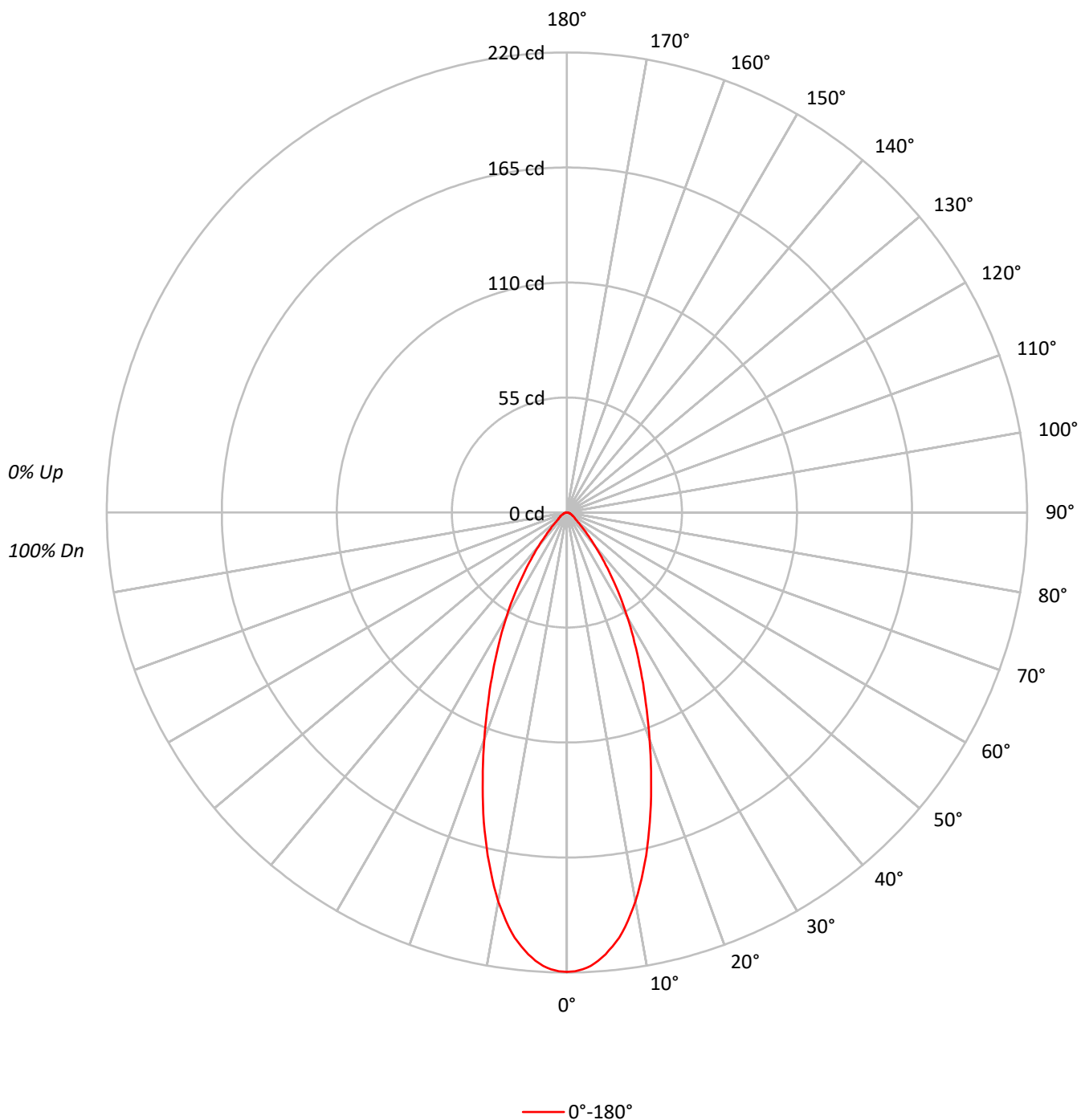
Lumens per Lamp: N/A
Luminaire Lumens: 140.9 lumens
Efficiency: N/A
Efficacy: 39.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101		100	99	98		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	86	91	87	84		89	86	83		87
4	97	89	84	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	64		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48176
5°	46687
10°	42061
15°	34802
20°	26929
25°	20203
30°	14660
35°	9771
40°	6011
45°	3535
50°	2149
55°	1759
60°	1535
65°	1245
70°	1090
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3535 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.5	13.8
10°-20°	42.2	29.9
20°-30°	38.4	27.2
30°-40°	23.2	16.5
40°-50°	9.3	6.6
50°-60°	4.1	2.9
60°-70°	2.5	1.8
70°-80°	1.3	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°	100.1	71.0
0°-40°	123.3	87.5
0°-60°	136.8	97.0
0°-90°	140.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	140.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	220	
5°	212	20
15°	153	42
25°	84	38
35°	36	23
45°	11	9
55°	5	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	219.7
1°	219.5
2°	218.6
3°	217.1
4°	214.9
5°	212.1
6°	208.6
7°	204.9
8°	200.1
9°	194.6
10°	188.9
11°	182.3
12°	175.3
13°	168.3
14°	160.7
15°	153.3
17.5°	133.8
20°	115.4
22.5°	98.4
25°	83.5
27.5°	70.0
30°	57.9
32.5°	46.8
35°	36.5
37.5°	28.0
40°	21.0
42.5°	15.3
45°	11.4
47.5°	8.5
50°	6.3
52.5°	5.0
55°	4.6
57.5°	3.9
60°	3.5
62.5°	2.8
65°	2.4
67.5°	2.2
70°	1.7
72.5°	1.5
75°	1.3
77.5°	1.1
80°	0.7
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)