

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: P1265614

Luminaire Tested: P3A17R659730DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265614
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659730DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

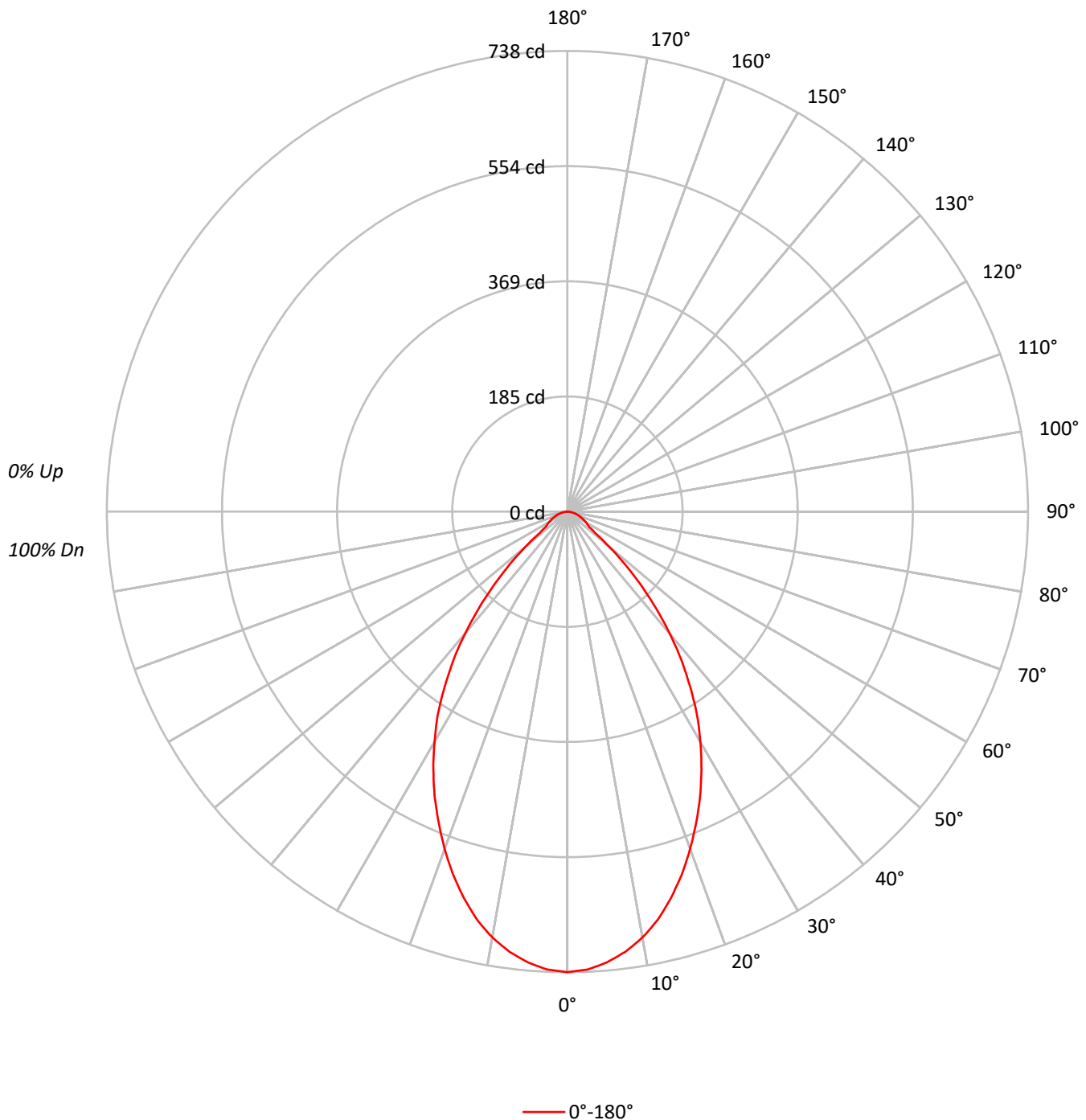
Lumens per Lamp: N/A
Luminaire Lumens: 909.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	161763
5°	159586
10°	154239
15°	145449
20°	134155
25°	121773
30°	107865
35°	91792
40°	73023
45°	51540
50°	29918
55°	16324
60°	15174
65°	13802
70°	12566
75°	11777
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 51540 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.2	7.5
10°-20°	179.3	19.7
20°-30°	230.4	25.3
30°-40°	213.1	23.4
40°-50°	128.6	14.2
50°-60°	43.9	4.8
60°-70°	26.4	2.9
70°-80°	14.9	1.6
80°-90°	4.3	0.5
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°	477.8	52.6
0°-40°	690.9	76.0
0°-60°	863.4	95.0
0°-90°	909.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	909.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	738	
5°	725	68
15°	641	179
25°	503	230
35°	343	213
45°	166	129
55°	43	44
65°	27	26
75°	14	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	737.7
2.5°	734.2
5°	725.0
7.5°	711.1
10°	692.7
12.5°	669.6
15°	640.7
17.5°	609.5
20°	574.9
22.5°	539.1
25°	503.3
27.5°	465.2
30°	426.0
32.5°	386.7
35°	342.9
37.5°	300.2
40°	255.1
42.5°	210.1
45°	166.2
47.5°	125.8
50°	87.7
52.5°	55.4
55°	42.7
57.5°	38.1
60°	34.6
62.5°	30.0
65°	26.6
67.5°	23.1
70°	19.6
72.5°	17.3
75°	13.9
77.5°	11.5
80°	8.1
82.5°	5.8
85°	3.5
87.5°	2.3
90°	0.0

(END OF REPORT)