

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: P1265401

Luminaire Tested: P3A17R309730DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265401
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

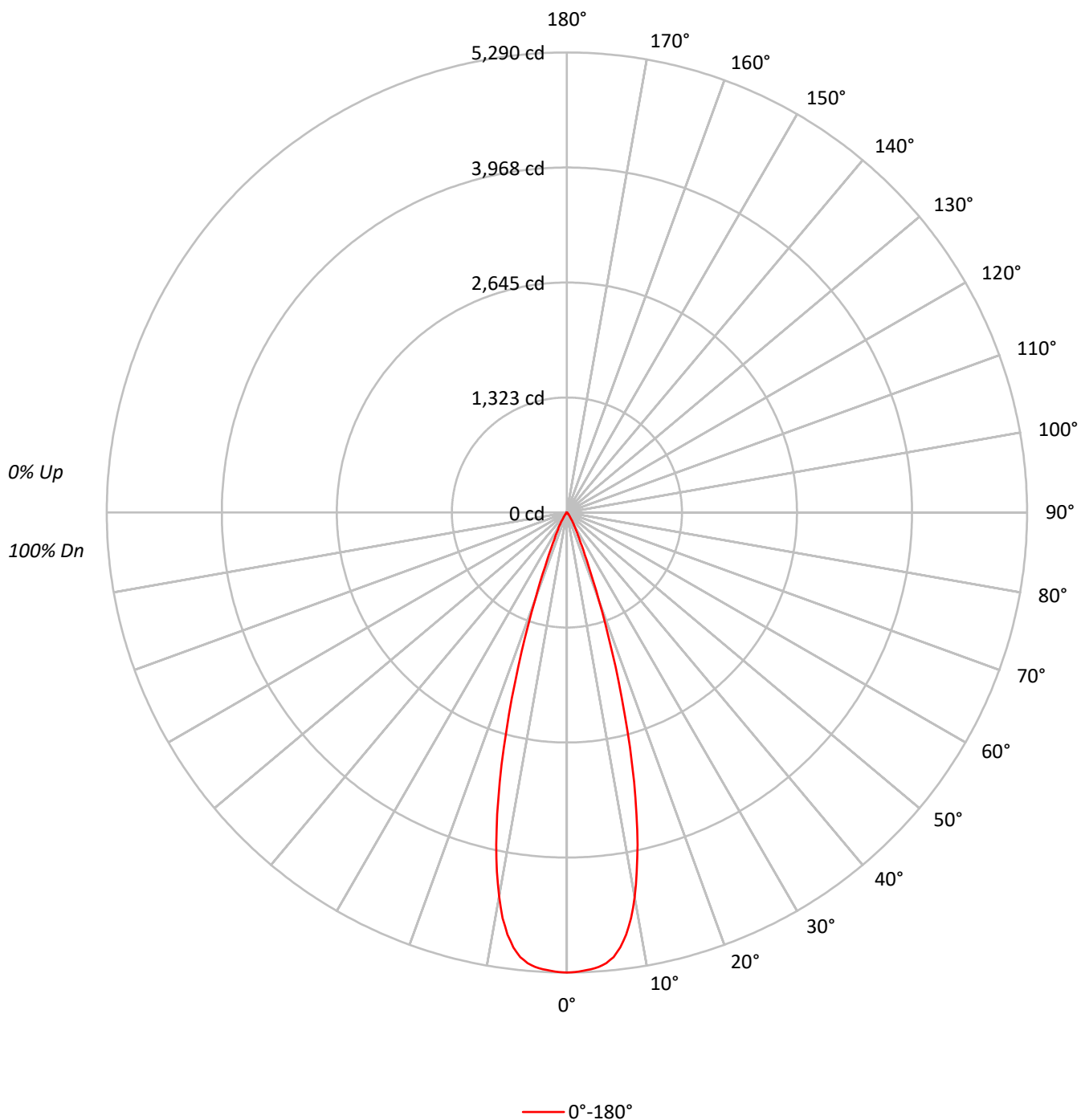
Lumens per Lamp: N/A
Luminaire Lumens: 1458.0 lumens
Efficiency: N/A
Efficacy: 68.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265401

CATALOG NUMBER: P3A17R309730DE010 E3D1LI

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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90
6	99	92	88	85	97	92	88	85	90	87	85		89	86	84		88
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1160039
5°	1144901
10°	999603
15°	635350
20°	251719
25°	84077
30°	39120
35°	17721
40°	6813
45°	3349
50°	955
55°	421
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3349 cd/sqm

TEST NUMBER: P1265401

CATALOG NUMBER: P3A17R309730DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	475.5	32.6
10°-20°	737.4	50.6
20°-30°	190.1	13.0
30°-40°	44.7	3.1
40°-50°	8.7	0.6
50°-60°	1.0	0.1
60°-70°	0.5	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1403.1	96.2
0°-40°	1447.8	99.3
0°-60°	1457.5	100.0
0°-90°	1458.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1458.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5290	
5°	5201	476
15°	2799	737
25°	348	190
35°	66	45
45°	11	9
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1265401

CATALOG NUMBER: P3A17R309730DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	5290.2
1°	5286.2
2°	5273.7
3°	5259.6
4°	5238.7
5°	5201.3
6°	5140.7
7°	5040.0
8°	4902.5
9°	4723.1
10°	4489.3
11°	4211.4
12°	3908.0
13°	3558.8
14°	3193.2
15°	2798.7
16°	2412.2
17°	2039.8
18°	1682.6
19°	1354.9
20°	1078.7
21°	849.0
22°	667.8
23°	528.6
24°	423.3
25°	347.5
26°	289.8
27°	246.2
28°	212.8
29°	182.2
30°	154.5
32.5°	97.3
35°	66.2
37.5°	41.3
40°	23.8
42.5°	15.8
45°	10.8
47.5°	6.2
50°	2.8
52.5°	1.1
55°	1.1
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6



TEST NUMBER: P1265401
CATALOG NUMBER: P3A17R309730DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.6
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)