

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: P1273669

Luminaire Tested: P3A09R309830DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273669
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: P3A09R309830DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

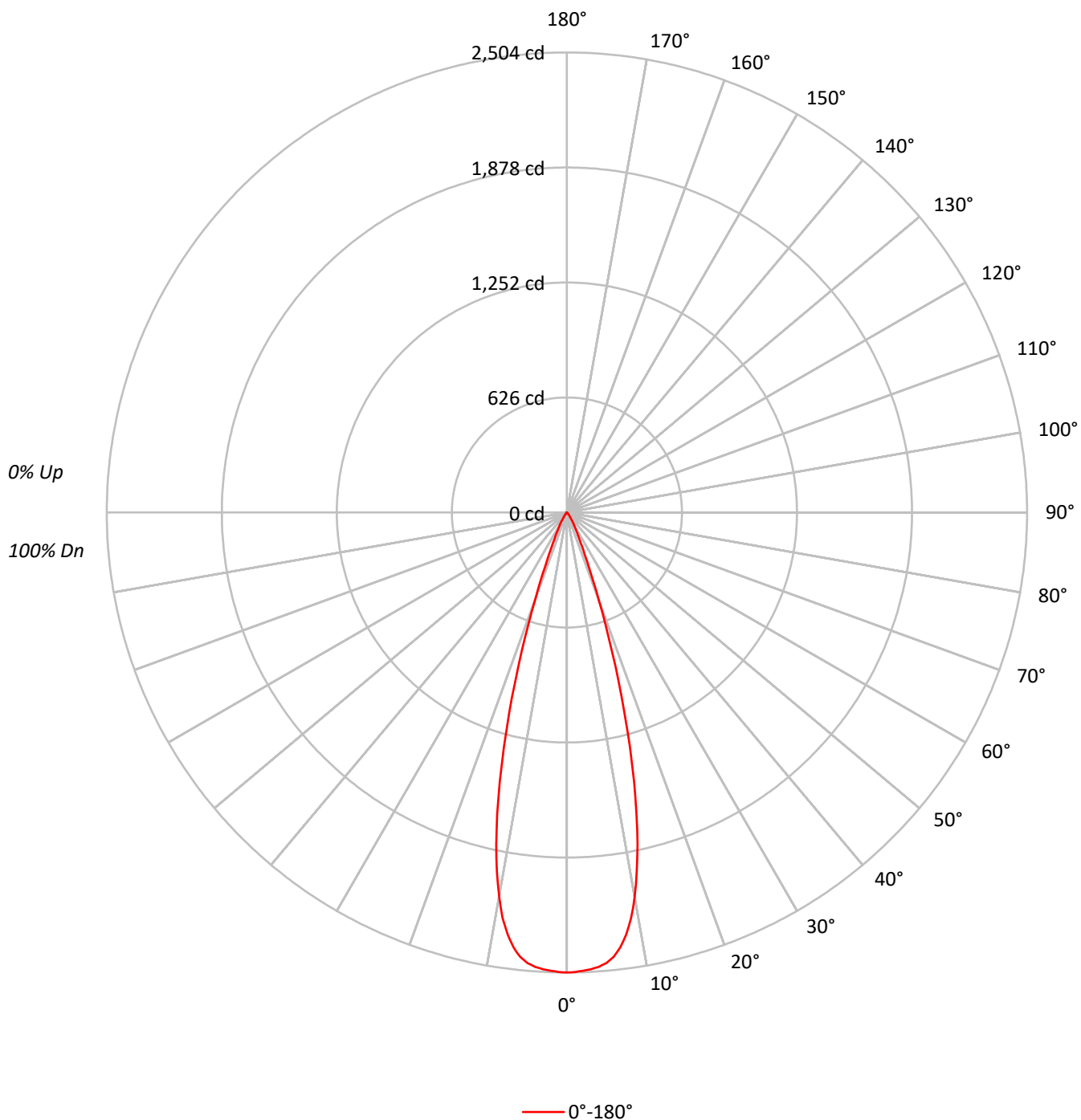
Lumens per Lamp: N/A
Luminaire Lumens: 690.0 lumens
Efficiency: N/A
Efficacy: 62.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273669

CATALOG NUMBER: P3A09R309830DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1273669

CATALOG NUMBER: P3A09R309830DE010 E3D1LI

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	84		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°	548991
5°	541821
10°	473071
15°	300683
20°	119127
25°	39801
30°	18509
35°	8379
40°	3206
45°	1582
50°	443
55°	191
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1582 cd/sqm

TEST NUMBER: P1273669

CATALOG NUMBER: P3A09R309830DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.1	32.6
10°-20°	349.0	50.6
20°-30°	90.0	13.0
30°-40°	21.1	3.1
40°-50°	4.1	0.6
50°-60°	0.5	0.1
60°-70°	0.3	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°	664.0	96.2
0°-40°	685.2	99.3
0°-60°	689.7	100.0
0°-90°	690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	690.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2504	
5°	2462	225
15°	1324	349
25°	164	90
35°	31	21
45°	5	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1273669

CATALOG NUMBER: P3A09R309830DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2503.6
1°	2501.7
2°	2495.8
3°	2489.1
4°	2479.2
5°	2461.5
6°	2432.9
7°	2385.2
8°	2320.1
9°	2235.2
10°	2124.6
11°	1993.1
12°	1849.5
13°	1684.2
14°	1511.2
15°	1324.5
16°	1141.6
17°	965.3
18°	796.3
19°	641.2
20°	510.5
21°	401.8
22°	316.1
23°	250.2
24°	200.4
25°	164.5
26°	137.1
27°	116.5
28°	100.7
29°	86.2
30°	73.1
32.5°	46.1
35°	31.3
37.5°	19.6
40°	11.2
42.5°	7.5
45°	5.1
47.5°	2.9
50°	1.3
52.5°	0.5
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



TEST NUMBER: P1273669
CATALOG NUMBER: P3A09R309830DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.3
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)