

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: P1262266

Luminaire Tested: P3AS09R309727DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262266
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: P3AS09R309727DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

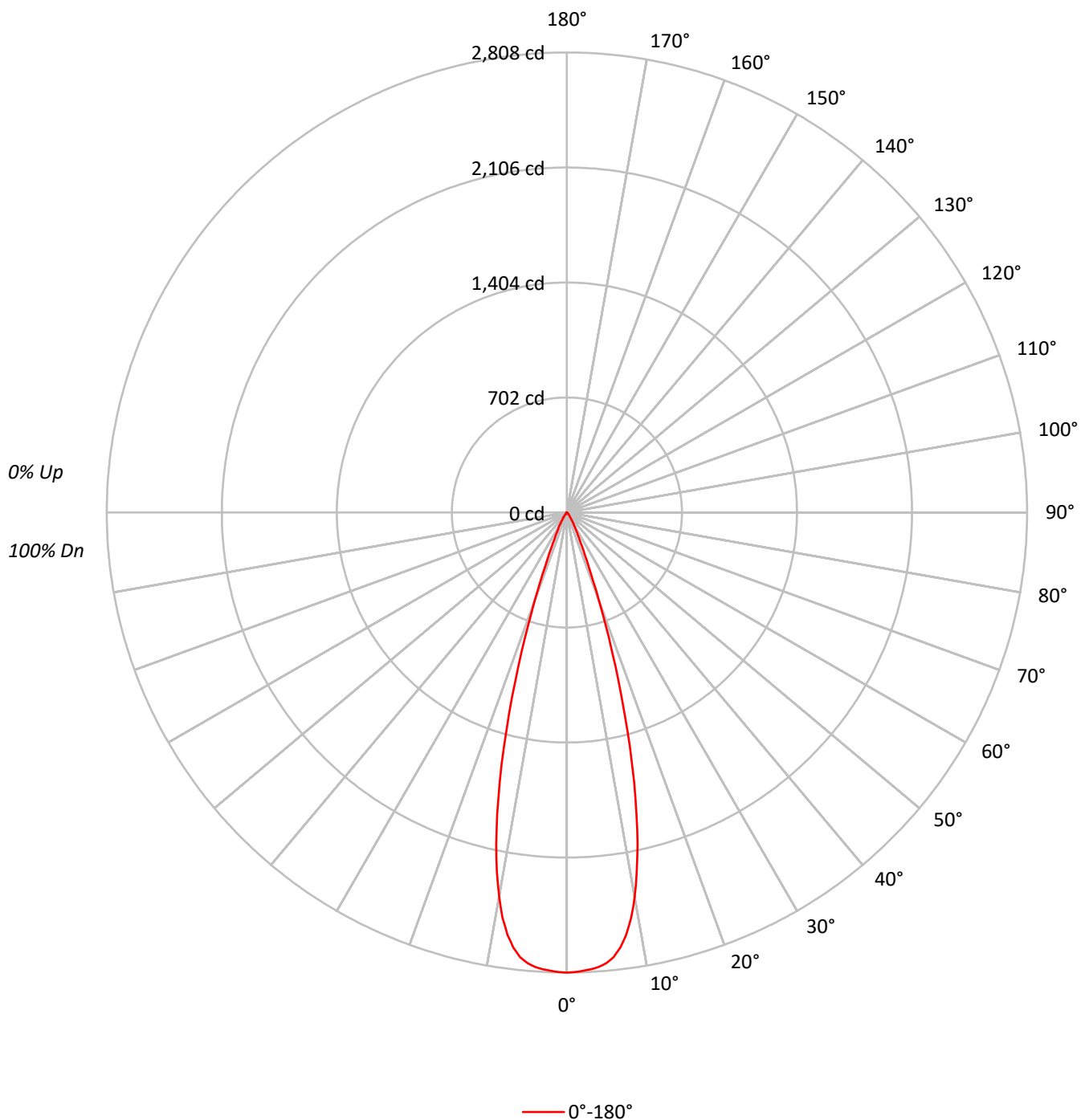
Lumens per Lamp: N/A
Luminaire Lumens: 774.0 lumens
Efficiency: N/A
Efficacy: 69.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1262266

CATALOG NUMBER: P3AS09R309727DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1262266

CATALOG NUMBER: P3AS09R309727DE010 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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90	89	88
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	87	86
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82	81	80
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	615828
5°	607791
10°	530651
15°	337300
20°	133642
25°	44640
30°	20763
35°	9423
40°	3607
45°	1768
50°	512
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1768 cd/sqm

TEST NUMBER: P1262266

CATALOG NUMBER: P3AS09R309727DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	252.4	32.6
10°-20°	391.5	50.6
20°-30°	100.9	13.0
30°-40°	23.7	3.1
40°-50°	4.6	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°	744.9	96.2
0°-40°	768.6	99.3
0°-60°	773.7	100.0
0°-90°	774.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2808	
5°	2761	252
15°	1486	391
25°	184	101
35°	35	24
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1262266

CATALOG NUMBER: P3AS09R309727DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2808.4
1°	2806.3
2°	2799.6
3°	2792.1
4°	2781.0
5°	2761.2
6°	2729.0
7°	2675.6
8°	2602.5
9°	2507.3
10°	2383.2
11°	2235.7
12°	2074.6
13°	1889.3
14°	1695.2
15°	1485.8
16°	1280.5
17°	1082.8
18°	893.3
19°	719.3
20°	572.7
21°	450.7
22°	354.5
23°	280.6
24°	224.7
25°	184.5
26°	153.8
27°	130.7
28°	113.0
29°	96.7
30°	82.0
32.5°	51.7
35°	35.2
37.5°	21.9
40°	12.6
42.5°	8.4
45°	5.7
47.5°	3.3
50°	1.5
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



TEST NUMBER: P1262266

CATALOG NUMBER: P3AS09R309727DE010 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)