

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: P1269371

Luminaire Tested: P3A09R259740DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269371
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259740DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

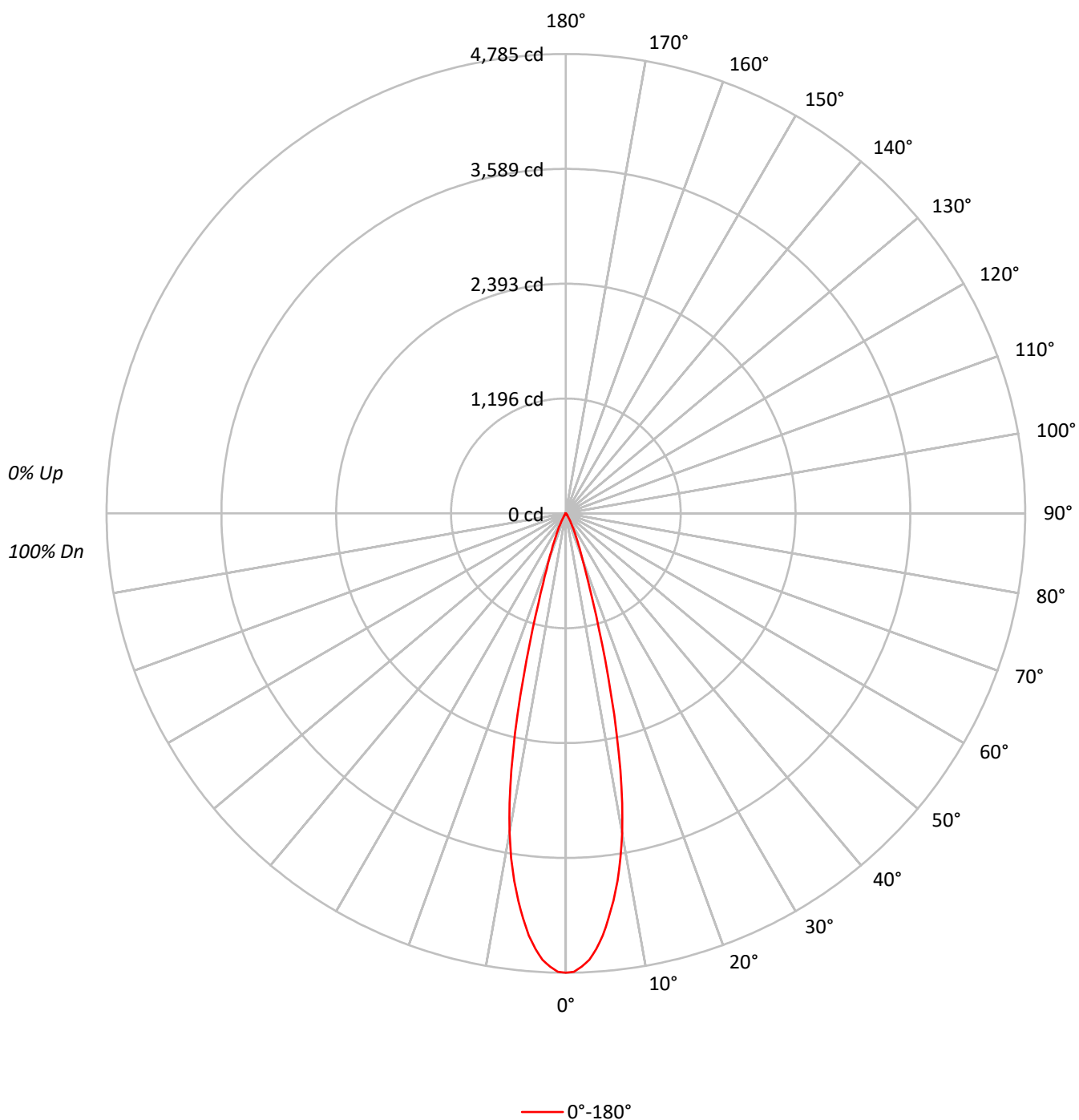
Lumens per Lamp: N/A
Luminaire Lumens: 958.0 lumens
Efficiency: N/A
Efficacy: 86.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269371

CATALOG NUMBER: P3A09R259740DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1269371

CATALOG NUMBER: P3A09R259740DE010 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	99
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	94	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1049192
5°	971932
10°	751979
15°	359185
20°	118427
25°	49914
30°	19345
35°	8379
40°	2777
45°	1302
50°	478
55°	268
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1302 cd/sqm

TEST NUMBER: P1269371

CATALOG NUMBER: P3A09R259740DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	388.1	40.5
10°-20°	441.4	46.1
20°-30°	102.6	10.7
30°-40°	21.5	2.2
40°-50°	3.5	0.4
50°-60°	0.6	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°	932.1	97.3
0°-40°	953.7	99.6
0°-60°	957.7	100.0
0°-90°	958.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	958.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4785	
5°	4416	388
15°	1582	441
25°	206	103
35°	31	22
45°	4	3
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1269371

CATALOG NUMBER: P3A09R259740DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	4784.7
1°	4775.0
2°	4725.3
3°	4655.5
4°	4548.8
5°	4415.5
6°	4244.2
7°	4065.0
8°	3863.9
9°	3637.1
10°	3377.2
11°	3076.1
12°	2730.5
13°	2351.9
14°	1955.9
15°	1582.2
16°	1251.5
17°	975.0
18°	766.9
19°	613.4
20°	507.5
21°	424.1
22°	356.0
23°	297.3
24°	248.7
25°	206.3
27.5°	122.3
30°	76.4
32.5°	49.0
35°	31.3
37.5°	18.8
40°	9.7
42.5°	6.3
45°	4.2
47.5°	2.4
50°	1.4
52.5°	0.7
55°	0.7
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0

TEST NUMBER: P1269371
CATALOG NUMBER: P3A09R259740DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	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)