

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: P1264587

Luminaire Tested: P3A09R209730DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264587
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209730DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

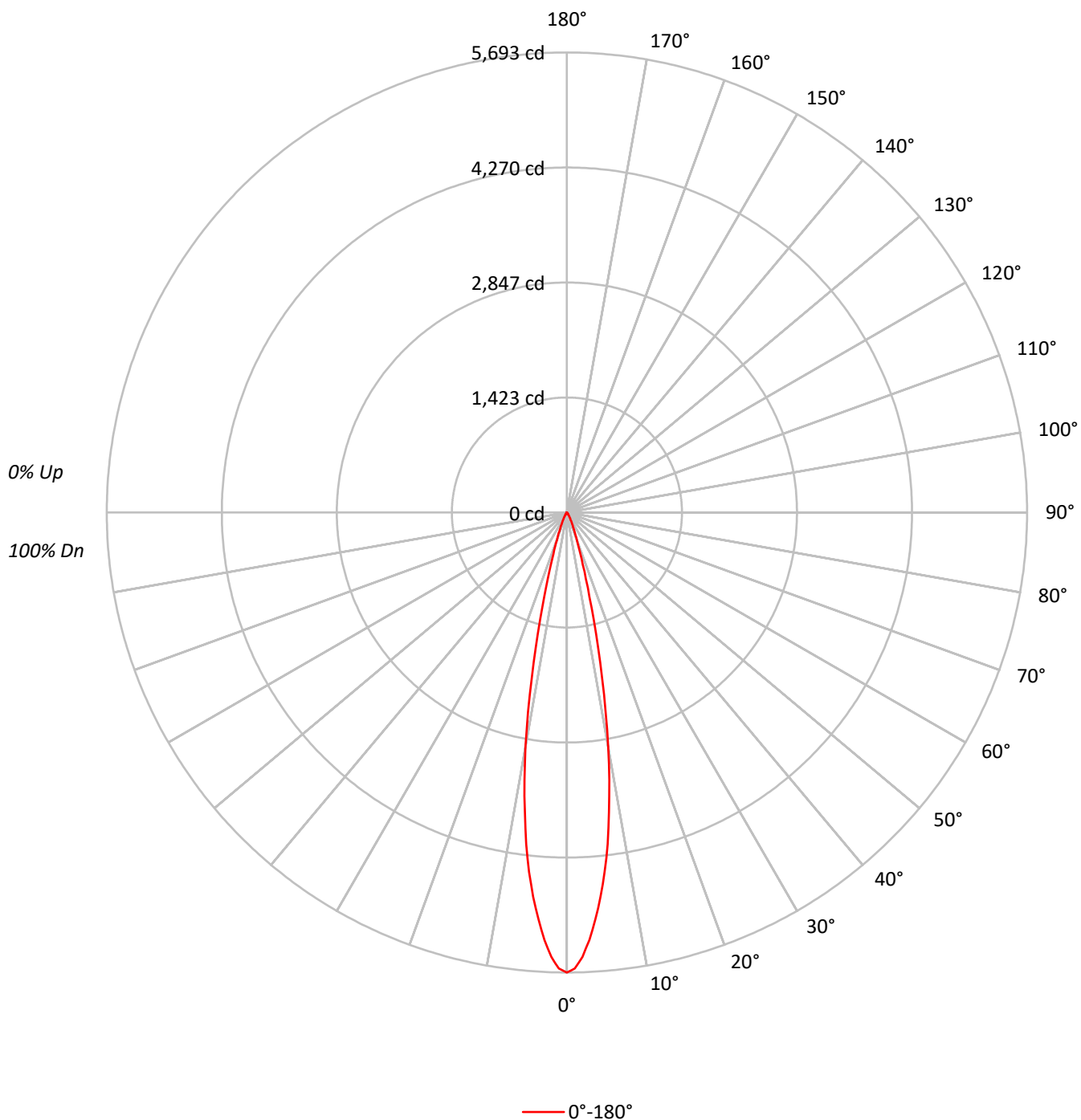
Lumens per Lamp: N/A
Luminaire Lumens: 823.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264587

CATALOG NUMBER: P3A09R209730DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1264587

CATALOG NUMBER: P3A09R209730DE010 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	114	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	95	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		92
7	99	93	90	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	91	87	85	90	87	85		89	86	84		88
9	95	89	85	83	94	89	85	83	88	85	83		87	84	83		87
10	93	87	84	81	92	87	83	81	86	83	81		86	83	81		85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1248431
5°	1051109
10°	656523
15°	245450
20°	84241
25°	35107
30°	16534
35°	7415
40°	3492
45°	1799
50°	648
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1799 cd/sqm

TEST NUMBER: P1264587

CATALOG NUMBER: P3A09R209730DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	397.1	48.3
10°-20°	327.1	39.7
20°-30°	74.3	9.0
30°-40°	18.9	2.3
40°-50°	4.8	0.6
50°-60°	0.6	0.1
60°-70°	0.2	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°	798.5	97.0
0°-40°	817.4	99.3
0°-60°	822.8	100.0
0°-90°	823.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	823.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	5693	
5°	4775	397
15°	1081	327
25°	145	74
35°	28	19
45°	6	5
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1264587

CATALOG NUMBER: P3A09R209730DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	5693.3
1°	5645.0
2°	5502.8
3°	5298.8
4°	5048.4
5°	4775.2
6°	4470.8
7°	4134.9
8°	3743.0
9°	3354.6
10°	2948.5
11°	2516.3
12°	2084.8
13°	1719.3
14°	1369.8
15°	1081.2
16°	853.4
17°	673.2
18°	540.9
19°	439.9
20°	361.0
21°	301.8
22°	252.0
23°	209.5
24°	174.7
25°	145.1
27.5°	94.9
30°	65.3
32.5°	40.2
35°	27.7
37.5°	17.7
40°	12.2
42.5°	8.4
45°	5.8
47.5°	3.9
50°	1.9
52.5°	1.0
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
70°	0.0
72.5°	0.0

TEST NUMBER: P1264587

CATALOG NUMBER: P3A09R209730DE010 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)