

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: P1262438

Luminaire Tested: P3AS09R609727DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262438
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609727DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

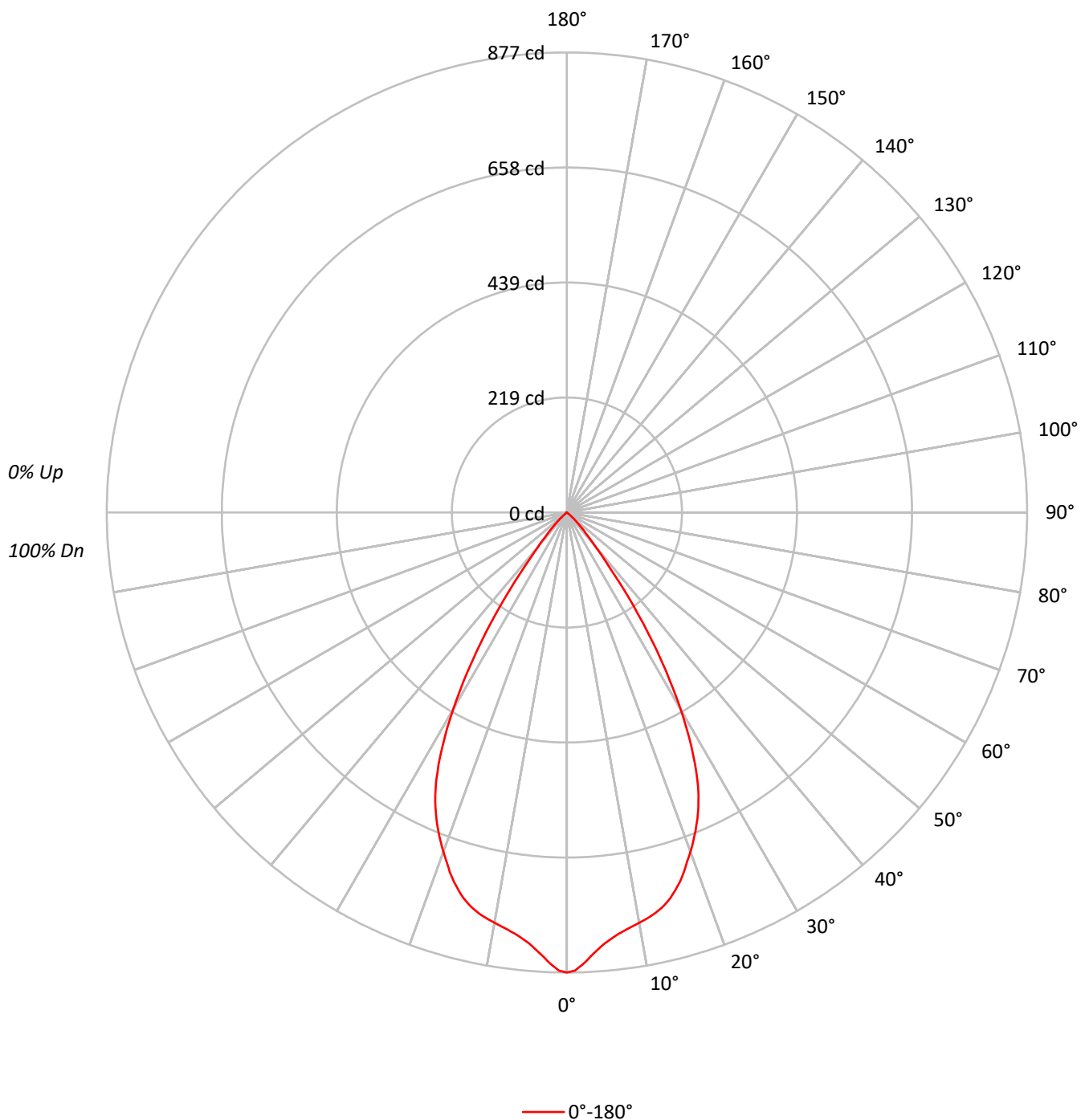
Lumens per Lamp: N/A
Luminaire Lumens: 734.0 lumens
Efficiency: N/A
Efficacy: 66.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262438

CATALOG NUMBER: P3AS09R609727DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1262438

CATALOG NUMBER: P3AS09R609727DE010 E3D1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	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
1	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	96	91	88		93	89	86		91	87	85		88	86	84
4	98	91	85	81		96	90	85	81		88	83	80		86	82	79		84	81	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	70		77	72	69		75	72	69
7	85	76	70	66		83	75	69	65		74	69	65		72	68	65		71	67	64
8	81	71	65	61		79	71	65	61		70	65	61		69	64	61		68	64	61
9	77	67	62	58		76	67	61	58		66	61	57		65	61	57		64	60	57
10	73	64	58	54		72	63	58	54		63	58	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192309
5°	181554
10°	176839
15°	172782
20°	160664
25°	143621
30°	109713
35°	63336
40°	24589
45°	10234
50°	2252
55°	344
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10234 cd/sqm

TEST NUMBER: P1262438

CATALOG NUMBER: P3AS09R609727DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.9	10.6
10°-20°	212.0	28.9
20°-30°	265.6	36.2
30°-40°	148.5	20.2
40°-50°	28.2	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
70°-80°	0.1	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°	555.4	75.7
0°-40°	703.9	95.9
0°-60°	733.5	99.9
0°-90°	734.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	734.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	877	
5°	825	78
15°	761	212
25°	594	266
35°	237	148
45°	33	28
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1262438

CATALOG NUMBER: P3AS09R609727DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	877.0
1°	873.4
2°	862.0
3°	848.5
4°	835.9
5°	824.8
6°	816.4
7°	809.2
8°	803.8
9°	798.7
10°	794.2
11°	789.7
12°	784.6
13°	778.3
14°	770.8
15°	761.1
16°	749.4
17°	736.2
18°	721.2
19°	704.1
20°	688.5
21°	671.7
22°	654.3
23°	635.9
24°	615.8
25°	593.6
26°	567.5
27°	538.4
28°	505.6
29°	470.8
30°	433.3
31°	395.4
32°	356.4
32.5°	335.1
33°	315.9
34°	275.9
35°	236.6
36°	201.2
37°	163.6
37.5°	146.5
38°	129.7
39°	104.5
40°	85.9
42.5°	52.2
45°	33.0



TEST NUMBER: P1262438

CATALOG NUMBER: P3AS09R609727DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	18.3
50°	6.6
52.5°	1.5
55°	0.9
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
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)