

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: P1263002

Luminaire Tested: P3A17R259727DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263002
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259727DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

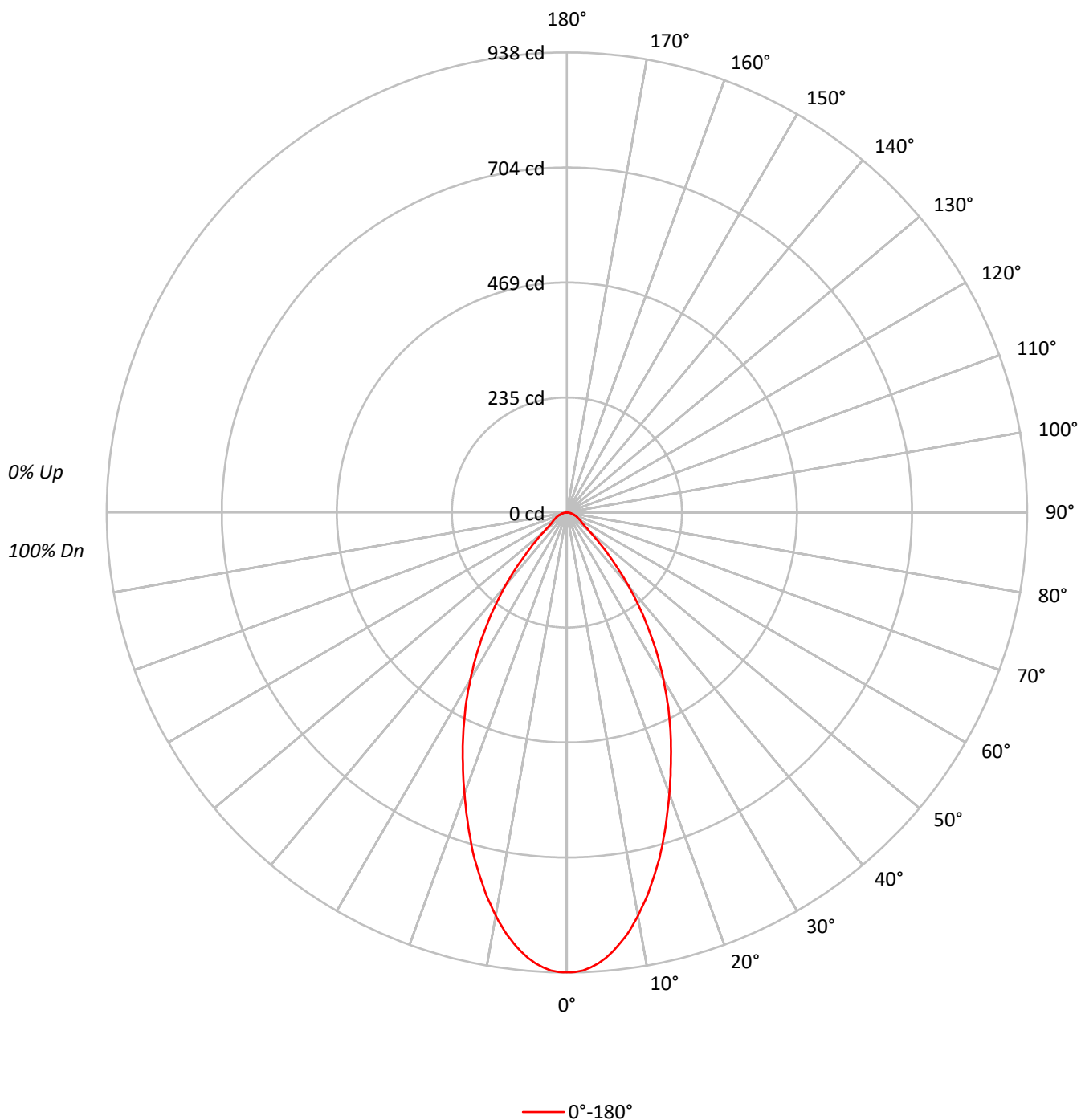
Lumens per Lamp: N/A
Luminaire Lumens: 865.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1263002

CATALOG NUMBER: P3A17R259727DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1263002

CATALOG NUMBER: P3A17R259727DE010 E3DLD1LI

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	205576
5°	200682
10°	185946
15°	165608
20°	142322
25°	120975
30°	99585
35°	77604
40°	55819
45°	35415
50°	20946
55°	14413
60°	13245
65°	12297
70°	11028
75°	10082
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35415 cd/sqm

TEST NUMBER: P1263002

CATALOG NUMBER: P3A17R259727DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.5	9.8
10°-20°	202.5	23.4
20°-30°	228.8	26.5
30°-40°	181.0	20.9
40°-50°	91.4	10.6
50°-60°	36.6	4.2
60°-70°	23.4	2.7
70°-80°	12.9	1.5
80°-90°	3.7	0.4
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°	515.9	59.6
0°-40°	696.9	80.6
0°-60°	824.9	95.4
0°-90°	865.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	865.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	938	
5°	912	85
15°	730	203
25°	500	229
35°	290	181
45°	114	91
55°	38	37
65°	24	23
75°	12	13
85°	3	4
90°	0	

TEST NUMBER: P1263002

CATALOG NUMBER: P3A17R259727DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	937.5
1°	937.5
2°	934.3
3°	928.9
4°	921.4
5°	911.7
6°	899.8
7°	885.8
8°	870.7
9°	853.5
10°	835.1
11°	814.7
12°	795.3
13°	772.6
14°	751.1
15°	729.5
17.5°	669.2
20°	609.9
22.5°	553.9
25°	500.0
27.5°	447.2
30°	393.3
32.5°	342.7
35°	289.9
37.5°	241.4
40°	195.0
42.5°	151.9
45°	114.2
47.5°	85.1
50°	61.4
52.5°	46.3
55°	37.7
57.5°	34.5
60°	30.2
62.5°	26.9
65°	23.7
67.5°	20.5
70°	17.2
72.5°	15.1
75°	11.9
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	1.1



TEST NUMBER: P1263002
CATALOG NUMBER: P3A17R259727DE010 E3DLD1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)