

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: P1274342

Luminaire Tested: P3AS17R259830DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274342
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: P3AS17R259830DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

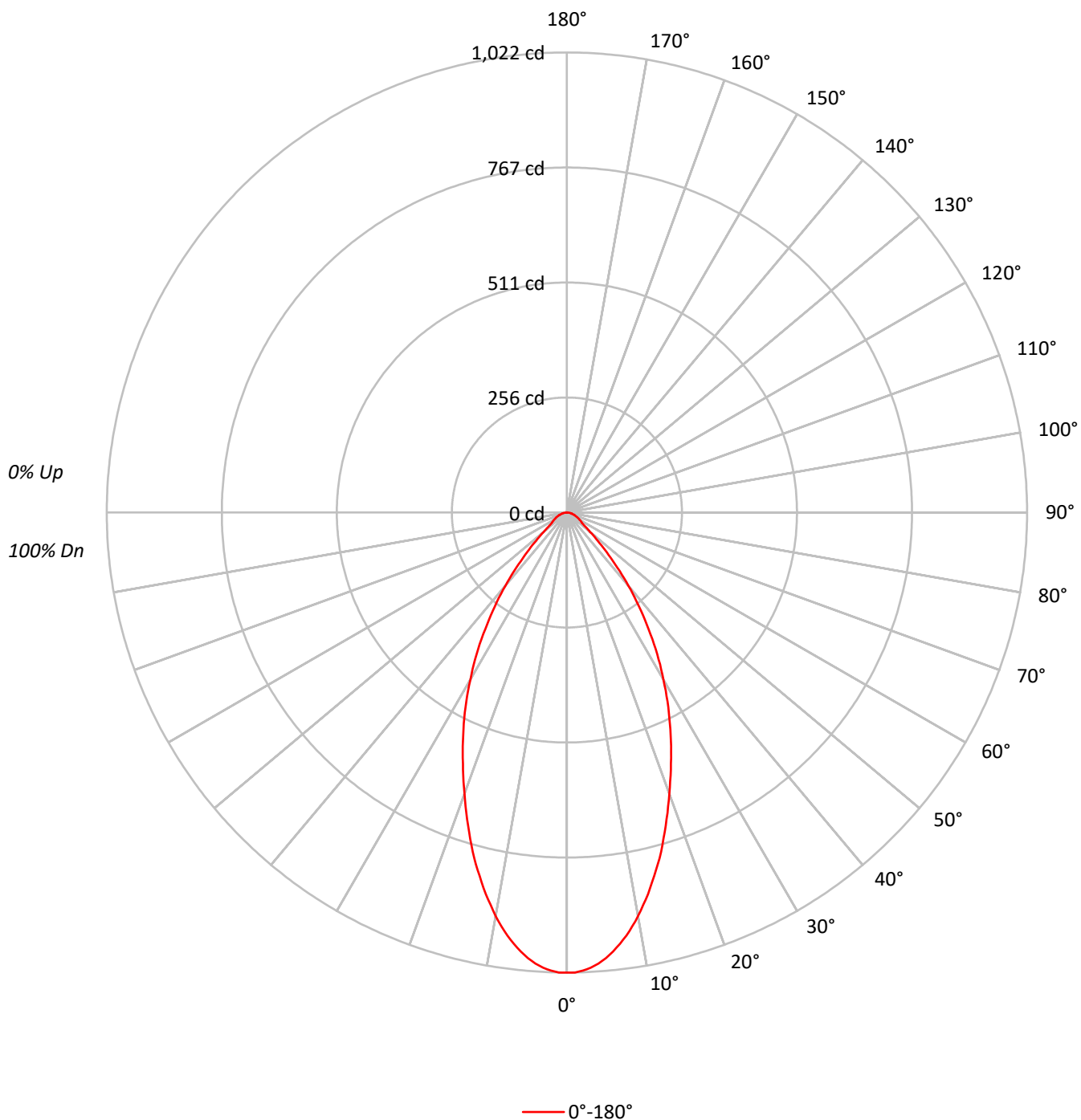
Lumens per Lamp: N/A
Luminaire Lumens: 943.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1274342

CATALOG NUMBER: P3AS17R259830DE010 E3DLD1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1274342

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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°	224127
5°	218776
10°	202735
15°	180546
20°	155157
25°	131887
30°	108574
35°	84591
40°	60857
45°	38609
50°	22856
55°	15713
60°	14429
65°	13387
70°	12053
75°	10929
80°	10355
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 38609 cd/sqm

TEST NUMBER: P1274342

CATALOG NUMBER: P3AS17R259830DE010 E3DLD1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.2	9.8
10°-20°	220.8	23.4
20°-30°	249.5	26.5
30°-40°	197.3	20.9
40°-50°	99.7	10.6
50°-60°	39.9	4.2
60°-70°	25.6	2.7
70°-80°	14.1	1.5
80°-90°	4.0	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°	562.4	59.6
0°-40°	759.7	80.6
0°-60°	899.3	95.4
0°-90°	943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1022	
5°	994	92
15°	795	221
25°	545	249
35°	316	197
45°	124	100
55°	41	40
65°	26	26
75°	13	14
85°	4	4
90°	0	

TEST NUMBER: P1274342

CATALOG NUMBER: P3AS17R259830DE010 E3DLD1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1022.1
1°	1022.1
2°	1018.5
3°	1012.7
4°	1004.4
5°	993.9
6°	980.9
7°	965.7
8°	949.2
9°	930.4
10°	910.5
11°	888.1
12°	867.0
13°	842.3
14°	818.8
15°	795.3
17.5°	729.5
20°	664.9
22.5°	603.8
25°	545.1
27.5°	487.5
30°	428.8
32.5°	373.6
35°	316.0
37.5°	263.2
40°	212.6
42.5°	165.6
45°	124.5
47.5°	92.8
50°	67.0
52.5°	50.5
55°	41.1
57.5°	37.6
60°	32.9
62.5°	29.4
65°	25.8
67.5°	22.3
70°	18.8
72.5°	16.4
75°	12.9
77.5°	10.6
80°	8.2
82.5°	5.9
85°	3.5
87.5°	1.2



TEST NUMBER: P1274342

CATALOG NUMBER: P3AS17R259830DE010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)