

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: P1260384

Luminaire Tested: P3AS17R359050DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260384
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359050DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

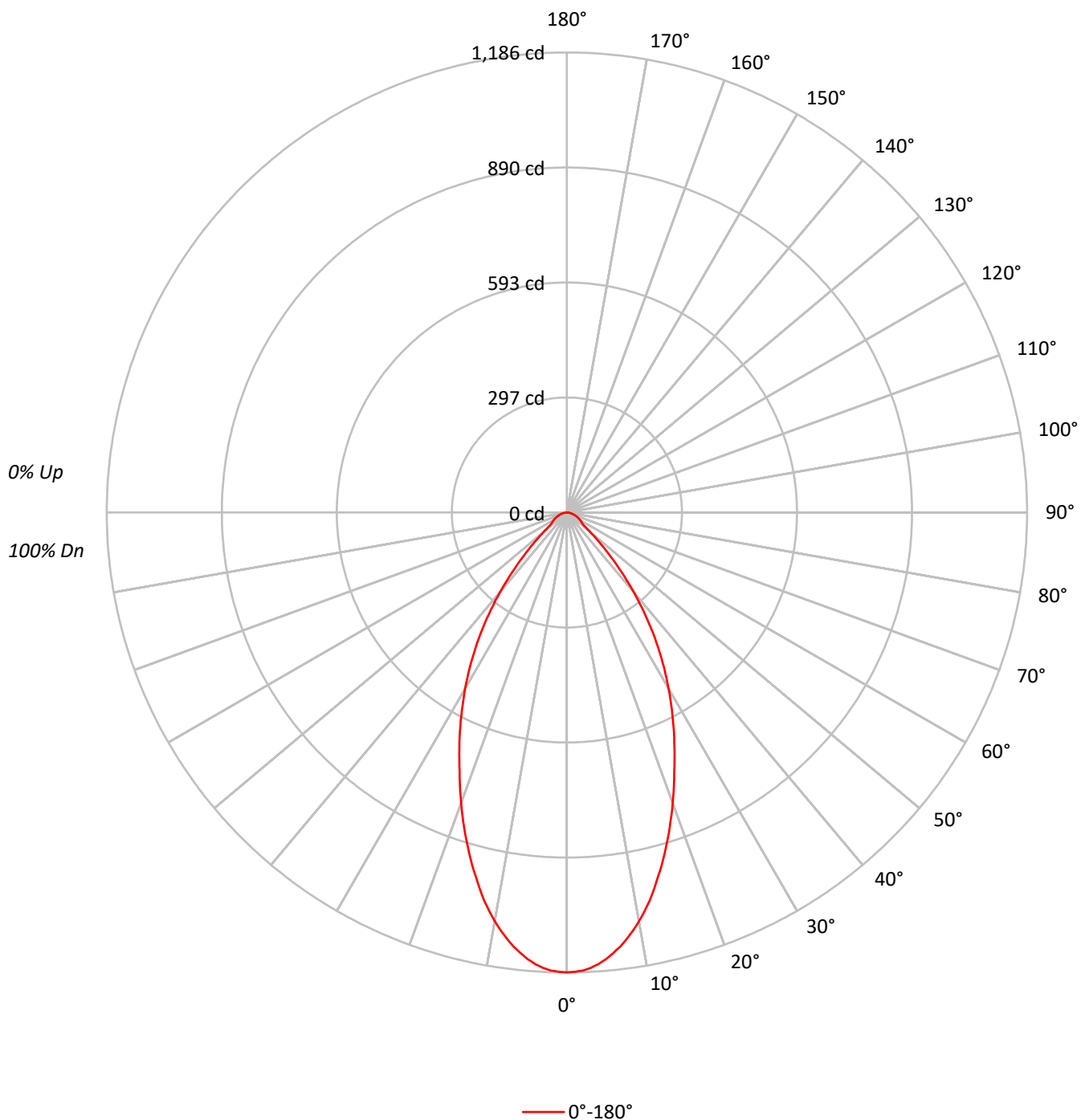
Lumens per Lamp: N/A
Luminaire Lumens: 1138.0 lumens
Efficiency: N/A
Efficacy: 53.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	259957
5°	254435
10°	238294
15°	213895
20°	186076
25°	158549
30°	132805
35°	105792
40°	76486
45°	48408
50°	26370
55°	18274
60°	17279
65°	16033
70°	15323
75°	13132
80°	12375
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48408 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.6	9.5
10°-20°	262.2	23.0
20°-30°	300.5	26.4
30°-40°	245.2	21.5
40°-50°	123.6	10.9
50°-60°	45.9	4.0
60°-70°	30.8	2.7
70°-80°	17.1	1.5
80°-90°	5.1	0.5
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°	670.2	58.9
0°-40°	915.4	80.4
0°-60°	1085.0	95.3
0°-90°	1138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1186	
5°	1156	108
15°	942	262
25°	655	300
35°	395	245
45°	156	124
55°	48	46
65°	31	31
75°	16	17
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1185.5
1°	1184.1
2°	1181.3
3°	1175.6
4°	1167.2
5°	1155.9
6°	1141.9
7°	1127.8
8°	1109.5
9°	1091.3
10°	1070.2
11°	1047.7
12°	1023.8
13°	997.0
14°	968.9
15°	942.2
17.5°	870.5
20°	797.4
22.5°	722.8
25°	655.3
27.5°	589.2
30°	524.5
32.5°	459.8
35°	395.2
37.5°	330.5
40°	267.2
42.5°	208.1
45°	156.1
47.5°	112.5
50°	77.3
52.5°	56.3
55°	47.8
57.5°	43.6
60°	39.4
62.5°	35.2
65°	30.9
67.5°	26.7
70°	23.9
72.5°	19.7
75°	15.5
77.5°	12.7
80°	9.8
82.5°	7.0
85°	4.2
87.5°	2.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)