

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: P1255080

Luminaire Tested: P3AS17R359035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255080
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: P3AS17R359035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

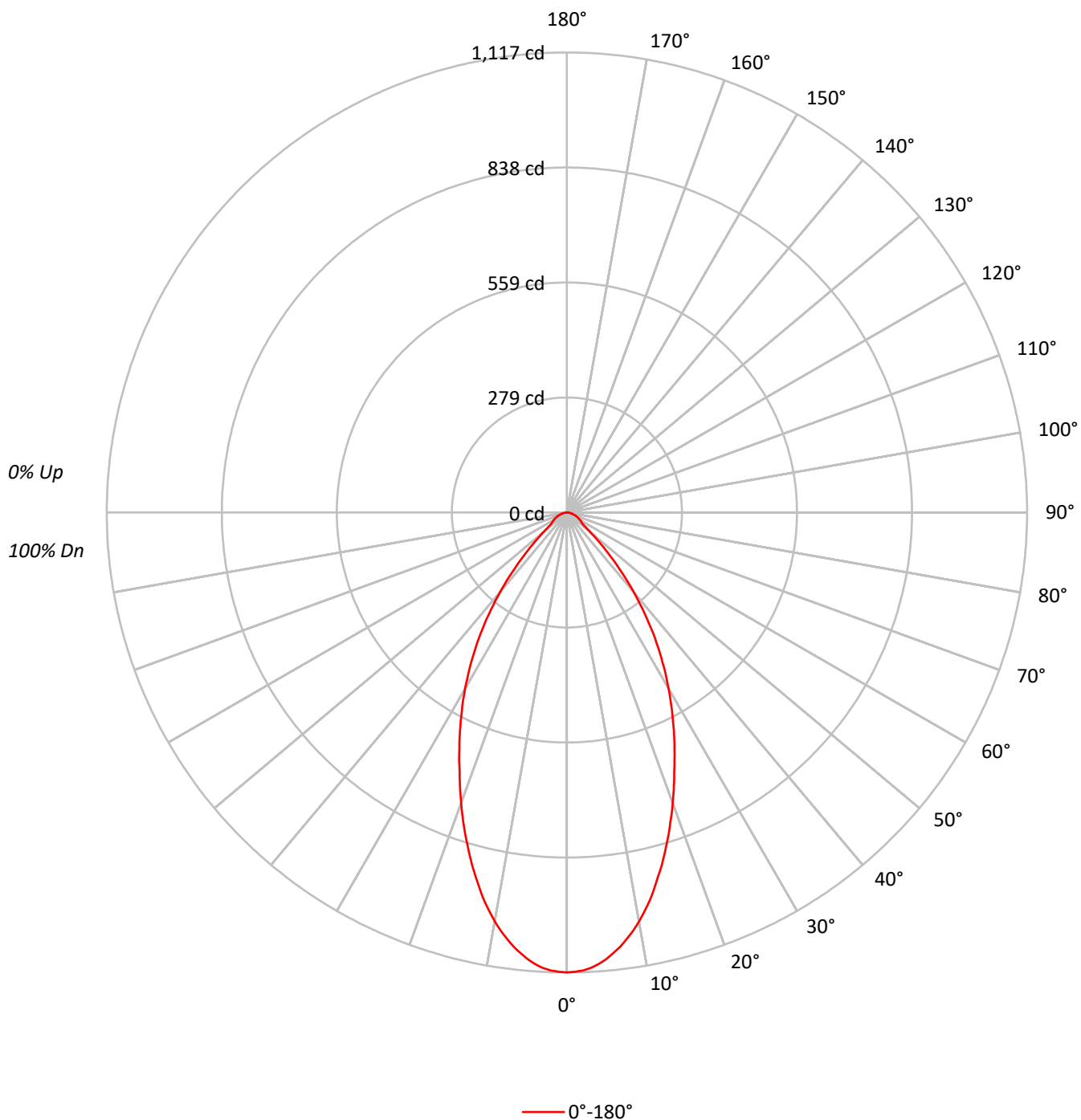
Lumens per Lamp: N/A
Luminaire Lumens: 1072.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	244871
5°	239687
10°	224467
15°	201499
20°	175272
25°	149355
30°	125108
35°	99635
40°	72049
45°	45586
50°	24869
55°	17204
60°	16271
65°	15099
70°	14426
75°	12370
80°	11744
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45586 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.3	9.5
10°-20°	247.0	23.0
20°-30°	283.1	26.4
30°-40°	231.0	21.5
40°-50°	116.5	10.9
50°-60°	43.3	4.0
60°-70°	29.0	2.7
70°-80°	16.1	1.5
80°-90°	4.9	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°	631.4	58.9
0°-40°	862.3	80.4
0°-60°	1022.1	95.3
0°-90°	1072.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1072.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1117	
5°	1089	101
15°	888	247
25°	617	283
35°	372	231
45°	147	116
55°	45	43
65°	29	29
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1116.7
1°	1115.4
2°	1112.8
3°	1107.5
4°	1099.5
5°	1088.9
6°	1075.7
7°	1062.4
8°	1045.2
9°	1028.0
10°	1008.1
11°	986.9
12°	964.4
13°	939.2
14°	912.7
15°	887.6
17.5°	820.0
20°	751.1
22.5°	680.9
25°	617.3
27.5°	555.1
30°	494.1
32.5°	433.2
35°	372.2
37.5°	311.3
40°	251.7
42.5°	196.1
45°	147.0
47.5°	106.0
50°	72.9
52.5°	53.0
55°	45.0
57.5°	41.1
60°	37.1
62.5°	33.1
65°	29.1
67.5°	25.2
70°	22.5
72.5°	18.5
75°	14.6
77.5°	11.9
80°	9.3
82.5°	6.6
85°	4.0
87.5°	2.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)