

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: P1270200

Luminaire Tested: P3A17R359740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270200
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: P3A17R359740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

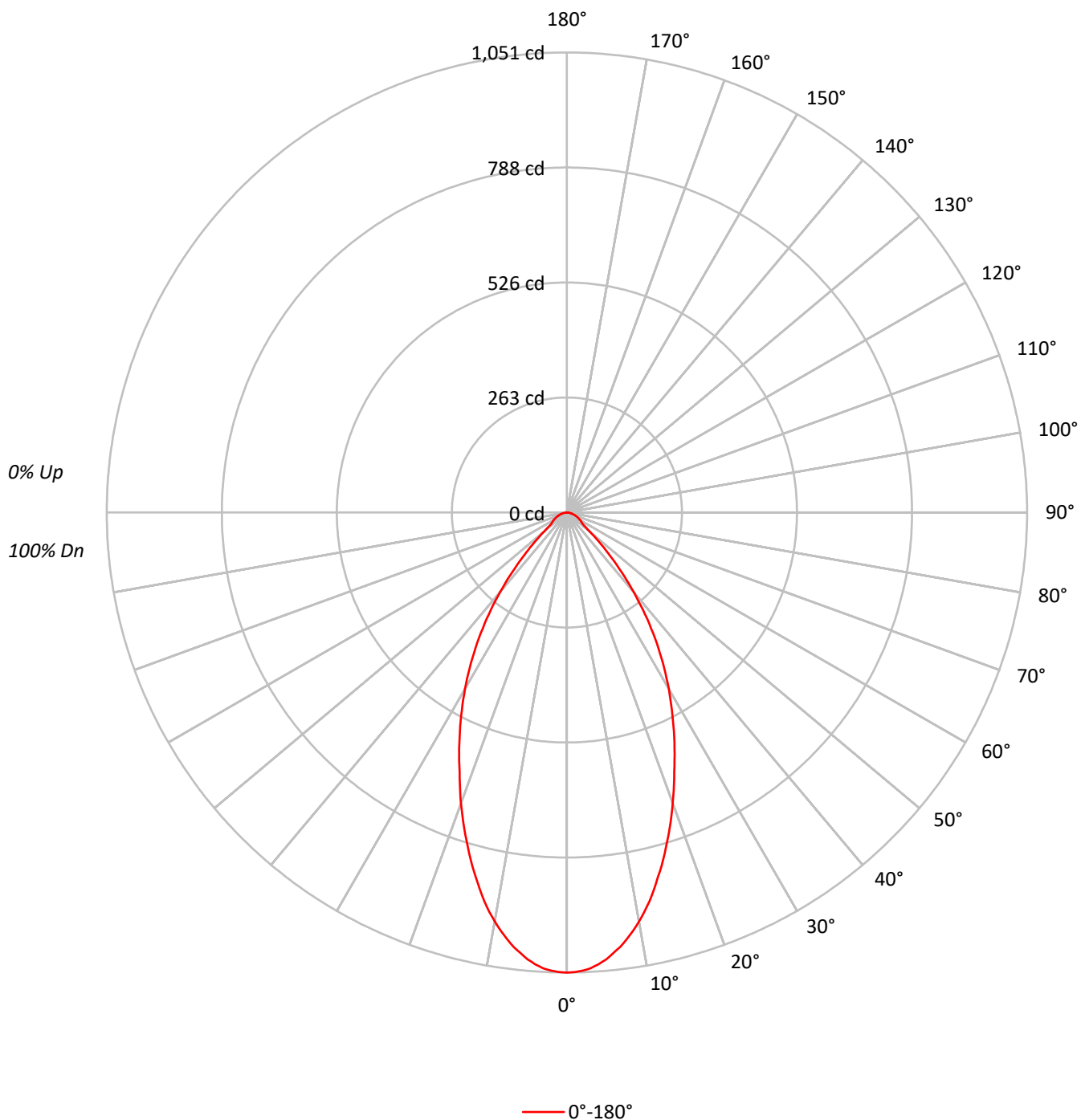
Lumens per Lamp: N/A
Luminaire Lumens: 1009.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	230486
5°	225599
10°	211285
15°	189649
20°	164981
25°	140573
30°	117765
35°	93799
40°	67813
45°	42919
50°	23402
55°	16210
60°	15306
65°	14217
70°	13592
75°	11607
80°	10986
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42919 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.4	9.5
10°-20°	232.5	23.0
20°-30°	266.4	26.4
30°-40°	217.4	21.5
40°-50°	109.6	10.9
50°-60°	40.7	4.0
60°-70°	27.3	2.7
70°-80°	15.1	1.5
80°-90°	4.6	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°	594.3	58.9
0°-40°	811.7	80.4
0°-60°	962.0	95.3
0°-90°	1009.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1009.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1051	
5°	1025	95
15°	835	232
25°	581	266
35°	350	217
45°	138	110
55°	42	41
65°	27	27
75°	14	15
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1051.1
1°	1049.9
2°	1047.4
3°	1042.4
4°	1034.9
5°	1024.9
6°	1012.4
7°	1000.0
8°	983.8
9°	967.6
10°	948.9
11°	928.9
12°	907.7
13°	884.0
14°	859.1
15°	835.4
17.5°	771.8
20°	707.0
22.5°	640.9
25°	581.0
27.5°	522.4
30°	465.1
32.5°	407.7
35°	350.4
37.5°	293.0
40°	236.9
42.5°	184.5
45°	138.4
47.5°	99.7
50°	68.6
52.5°	49.9
55°	42.4
57.5°	38.7
60°	34.9
62.5°	31.2
65°	27.4
67.5°	23.7
70°	21.2
72.5°	17.5
75°	13.7
77.5°	11.2
80°	8.7
82.5°	6.2
85°	3.7
87.5°	2.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)