

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: P1254933

Luminaire Tested: P3AS17R129035DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R129035DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

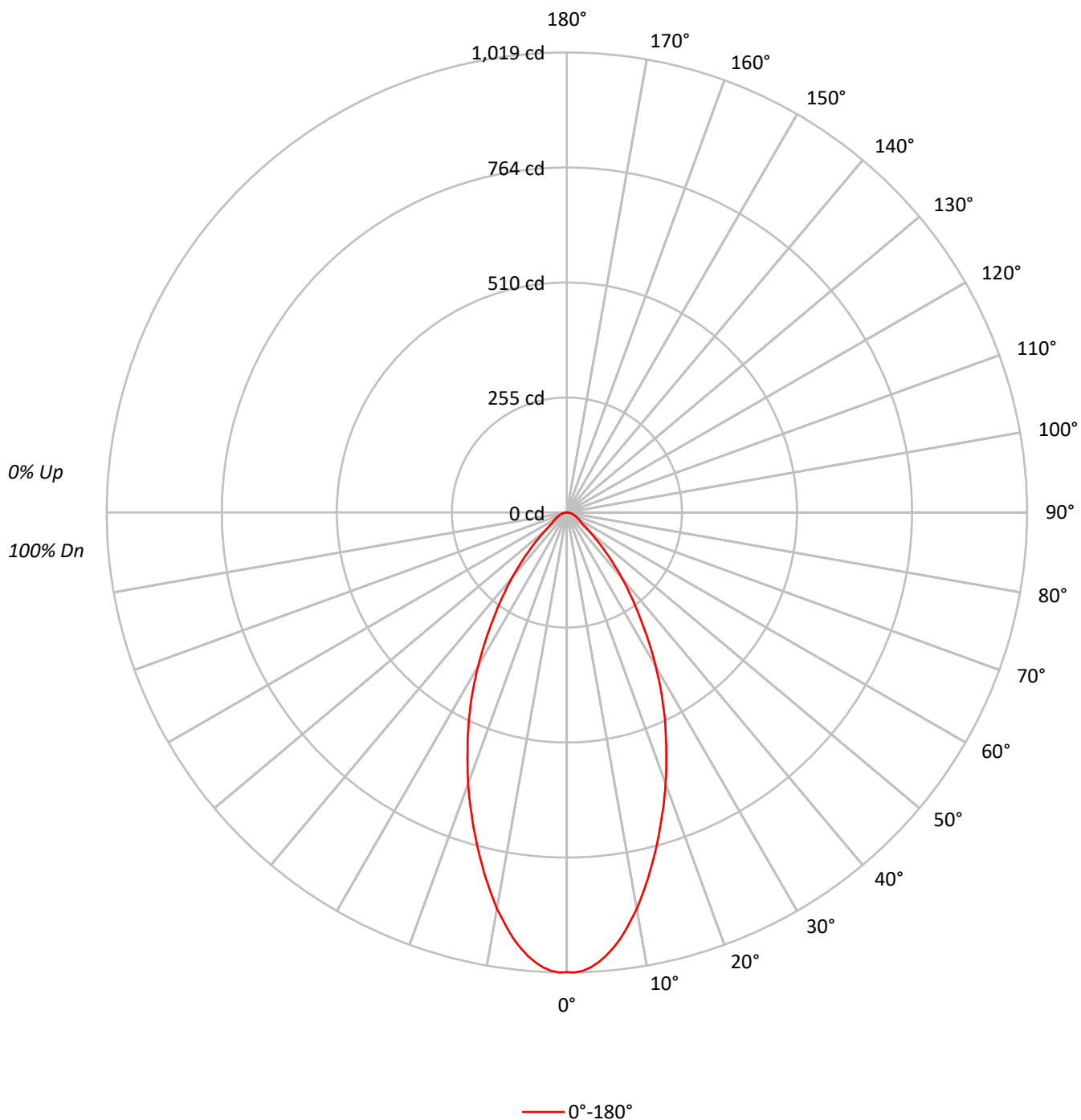
Lumens per Lamp: N/A
Luminaire Lumens: 885.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 22.9
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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223228
5°	217169
10°	198460
15°	173826
20°	149136
25°	124507
30°	99636
35°	74740
40°	54244
45°	35477
50°	22174
55°	14986
60°	13288
65°	12193
70°	11476
75°	10421
80°	9850
85°	8554

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35477 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	10.3
10°-20°	213.4	24.1
20°-30°	235.1	26.6
30°-40°	176.1	19.9
40°-50°	91.2	10.3
50°-60°	37.8	4.3
60°-70°	23.4	2.6
70°-80°	13.1	1.5
80°-90°	3.8	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°	539.5	61.0
0°-40°	715.5	80.9
0°-60°	844.6	95.4
0°-90°	885.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	885.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1018	
5°	987	91
15°	766	213
25°	515	235
35°	279	176
45°	114	91
55°	39	38
65°	24	23
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1018.0
1°	1019.1
2°	1015.8
3°	1009.0
4°	998.9
5°	986.6
6°	970.9
7°	954.1
8°	933.9
9°	912.6
10°	891.3
12.5°	829.7
15°	765.7
17.5°	701.8
20°	639.1
22.5°	575.2
25°	514.6
27.5°	454.1
30°	393.5
32.5°	334.1
35°	279.2
37.5°	232.1
40°	189.5
42.5°	150.2
45°	114.4
47.5°	86.3
50°	65.0
52.5°	48.2
55°	39.2
57.5°	34.8
60°	30.3
62.5°	26.9
65°	23.5
67.5°	20.2
70°	17.9
72.5°	14.6
75°	12.3
77.5°	10.1
80°	7.8
82.5°	5.6
85°	3.4
87.5°	1.1
90°	0.0

(END OF REPORT)