

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: P1252373

Luminaire Tested: P3AS17R359030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252373
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: P3AS17R359030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

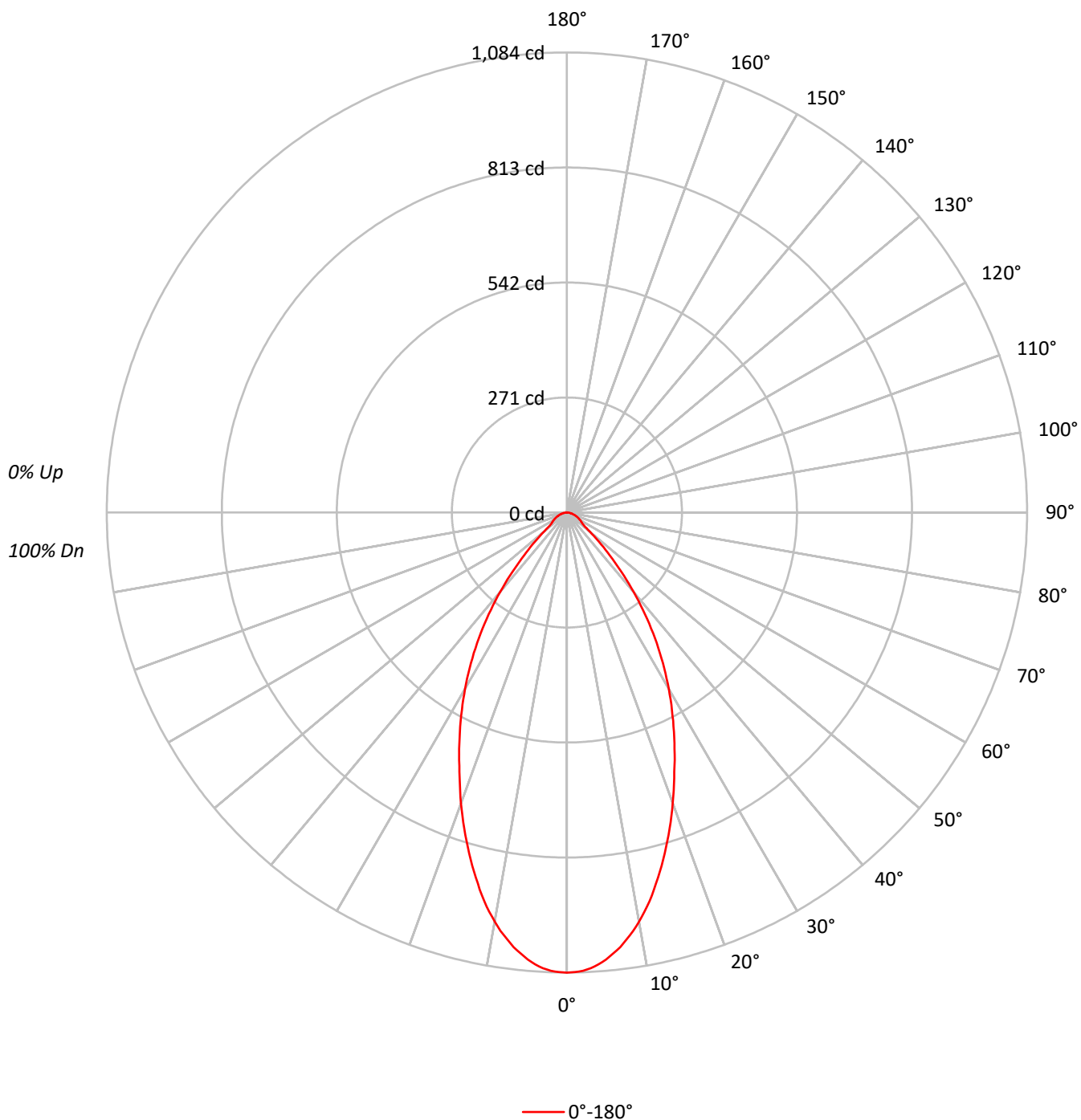
Lumens per Lamp: N/A
Luminaire Lumens: 1041.1 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	237788
5°	232753
10°	217965
15°	195665
20°	170208
25°	145049
30°	121487
35°	96771
40°	69960
45°	44284
50°	24153
55°	16707
60°	15788
65°	14684
70°	14041
75°	12031
80°	11365
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44284 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.4	9.5
10°-20°	239.9	23.0
20°-30°	274.9	26.4
30°-40°	224.3	21.5
40°-50°	113.1	10.9
50°-60°	42.0	4.0
60°-70°	28.2	2.7
70°-80°	15.6	1.5
80°-90°	4.7	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°	613.1	58.9
0°-40°	837.4	80.4
0°-60°	992.5	95.3
0°-90°	1041.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1041.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1084	
5°	1057	98
15°	862	240
25°	600	275
35°	362	224
45°	143	113
55°	44	42
65°	28	28
75°	14	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1084.4
1°	1083.1
2°	1080.6
3°	1075.4
4°	1067.7
5°	1057.4
6°	1044.6
7°	1031.7
8°	1015.0
9°	998.2
10°	978.9
11°	958.4
12°	936.5
13°	912.1
14°	886.3
15°	861.9
17.5°	796.3
20°	729.4
22.5°	661.2
25°	599.5
27.5°	539.0
30°	479.8
32.5°	420.7
35°	361.5
37.5°	302.3
40°	244.4
42.5°	190.4
45°	142.8
47.5°	102.9
50°	70.8
52.5°	51.5
55°	43.7
57.5°	39.9
60°	36.0
62.5°	32.2
65°	28.3
67.5°	24.4
70°	21.9
72.5°	18.0
75°	14.2
77.5°	11.6
80°	9.0
82.5°	6.4
85°	3.9
87.5°	2.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)