

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: P1287596

Luminaire Tested: P3AS17R509030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287596
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

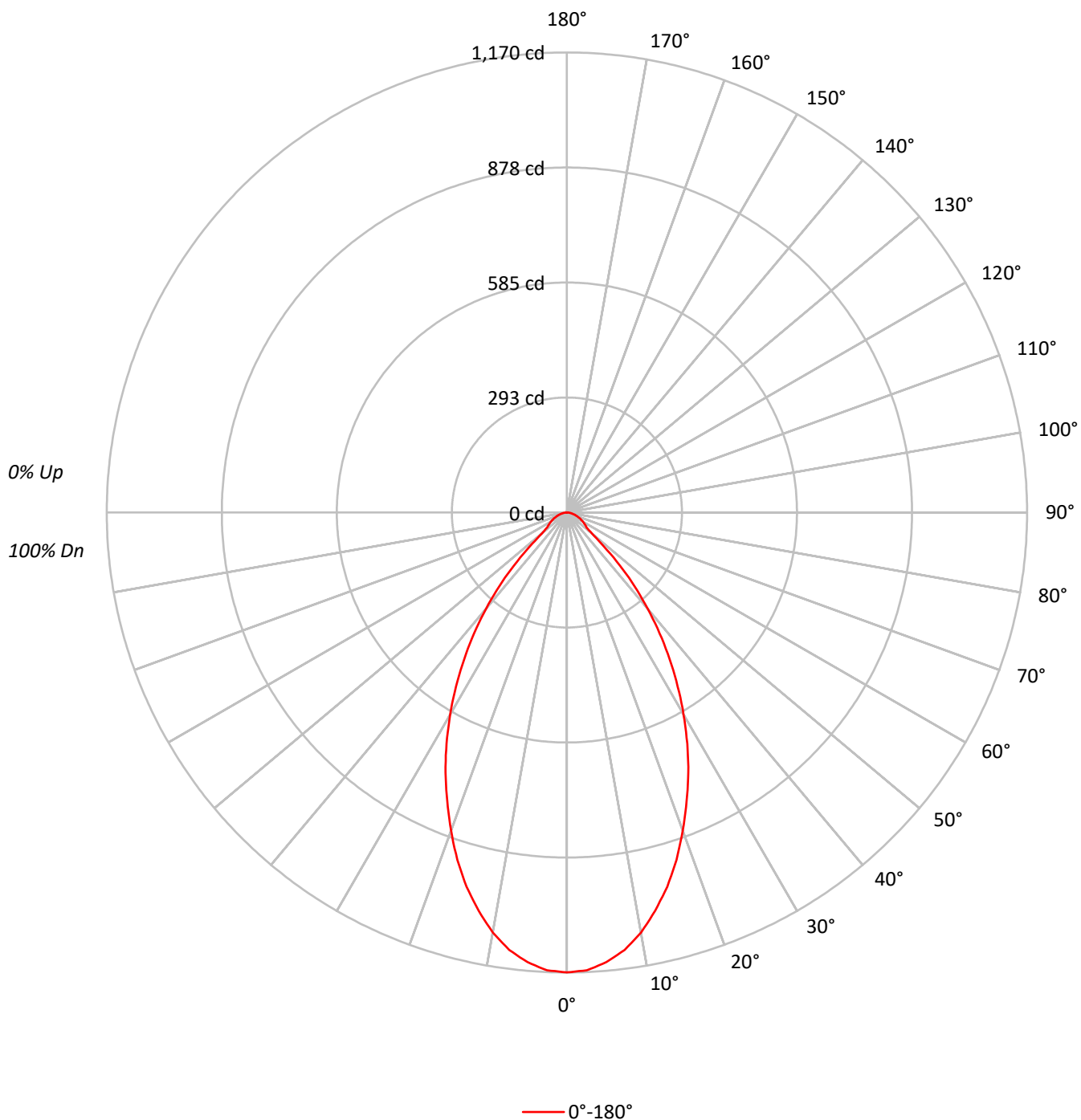
Lumens per Lamp: N/A
Luminaire Lumens: 1262.0 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	256471
5°	252696
10°	241501
15°	223656
20°	200987
25°	176696
30°	150251
35°	121827
40°	91543
45°	58952
50°	28008
55°	22021
60°	20832
65°	19405
70°	17567
75°	15843
80°	14522
85°	14593

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58952 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.6	8.5
10°-20°	274.7	21.8
20°-30°	333.7	26.4
30°-40°	283.0	22.4
40°-50°	147.0	11.6
50°-60°	53.1	4.2
60°-70°	36.7	2.9
70°-80°	19.9	1.6
80°-90°	6.3	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°	716.0	56.7
0°-40°	999.0	79.2
0°-60°	1199.1	95.0
0°-90°	1262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1262.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1170	
5°	1148	108
15°	985	275
25°	730	334
35°	455	283
45°	190	147
55°	58	53
65°	37	37
75°	19	20
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1169.6
2.5°	1165.2
5°	1148.0
7.5°	1122.0
10°	1084.6
12.5°	1037.0
15°	985.2
17.5°	926.1
20°	861.3
22.5°	795.1
25°	730.3
27.5°	662.6
30°	593.4
32.5°	524.3
35°	455.1
37.5°	387.5
40°	319.8
42.5°	254.9
45°	190.1
47.5°	126.8
50°	82.1
52.5°	63.4
55°	57.6
57.5°	51.9
60°	47.5
62.5°	41.8
65°	37.4
67.5°	31.7
70°	27.4
72.5°	23.0
75°	18.7
77.5°	14.4
80°	11.5
82.5°	8.6
85°	5.8
87.5°	2.9
90°	0.0

(END OF REPORT)