

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: P1287542

Luminaire Tested: P3AS17R409030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287542
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409030D2WDE010 E3DLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R40 optic, 3000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

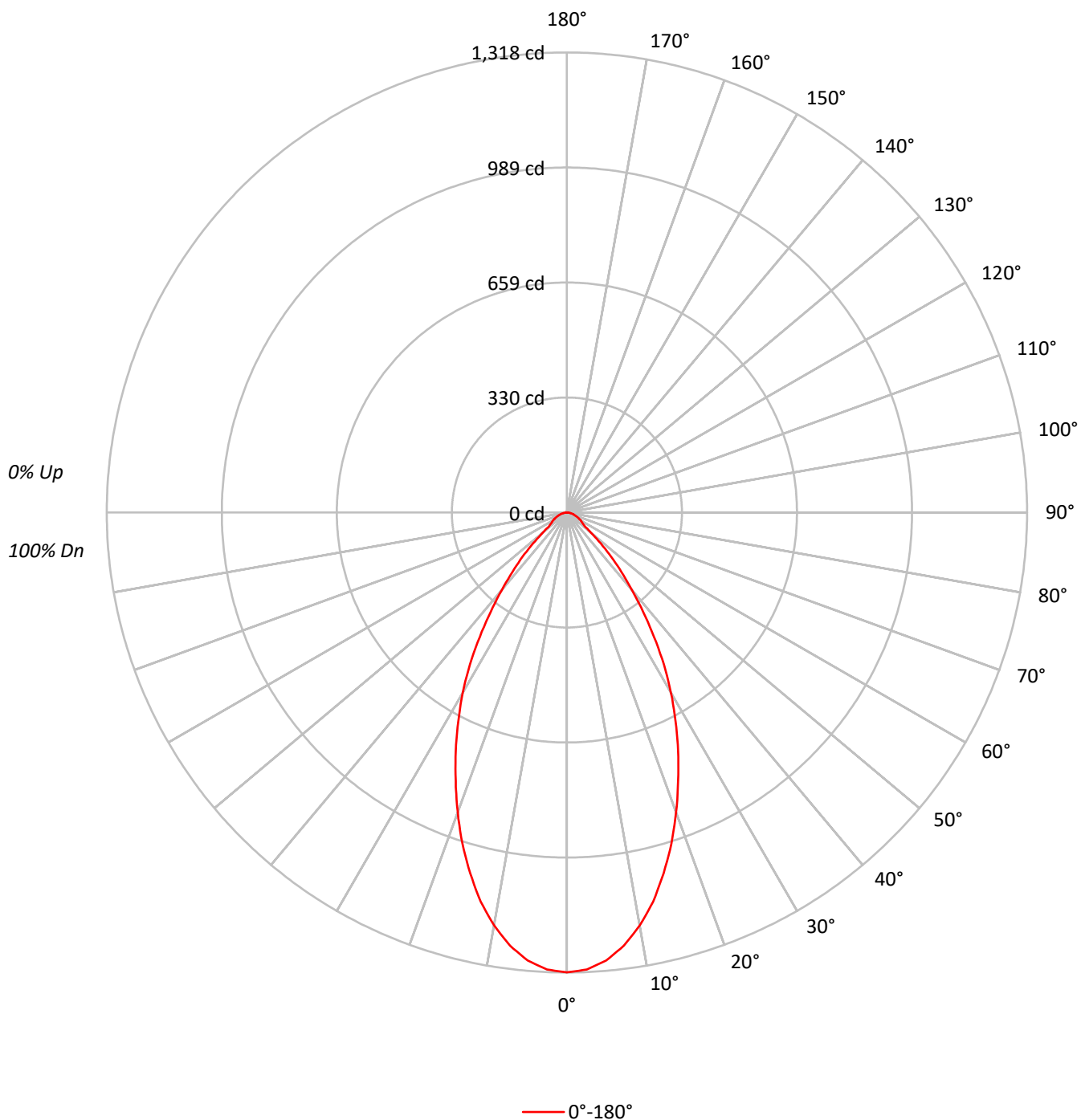
Lumens per Lamp: N/A
Luminaire Lumens: 1287.0 lumens
Efficiency: N/A
Efficacy: 47.1 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	288902
5°	283666
10°	267397
15°	242862
20°	213355
25°	182212
30°	150935
35°	116419
40°	82841
45°	55820
50°	30464
55°	21485
60°	20218
65°	18679
70°	16605
75°	15843
80°	12754
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55820 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.2	9.3
10°-20°	298.0	23.2
20°-30°	344.5	26.8
30°-40°	271.5	21.1
40°-50°	139.4	10.8
50°-60°	53.3	4.1
60°-70°	35.2	2.7
70°-80°	19.2	1.5
80°-90°	5.7	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°	762.7	59.3
0°-40°	1034.2	80.4
0°-60°	1226.9	95.3
0°-90°	1287.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1287.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1318	
5°	1289	120
15°	1070	298
25°	753	345
35°	435	272
45°	180	139
55°	56	53
65°	36	35
75°	19	19
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1317.5
2.5°	1310.3
5°	1288.7
7.5°	1251.3
10°	1200.9
12.5°	1141.8
15°	1069.8
17.5°	995.0
20°	914.3
22.5°	832.3
25°	753.1
27.5°	673.9
30°	596.1
32.5°	516.9
35°	434.9
37.5°	358.5
40°	289.4
42.5°	230.4
45°	180.0
47.5°	131.0
50°	89.3
52.5°	64.8
55°	56.2
57.5°	50.4
60°	46.1
62.5°	40.3
65°	36.0
67.5°	30.2
70°	25.9
72.5°	21.6
75°	18.7
77.5°	14.4
80°	10.1
82.5°	8.6
85°	4.3
87.5°	2.9
90°	0.0

(END OF REPORT)