

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: P1249638

Luminaire Tested: P3AS17R309027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249638
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

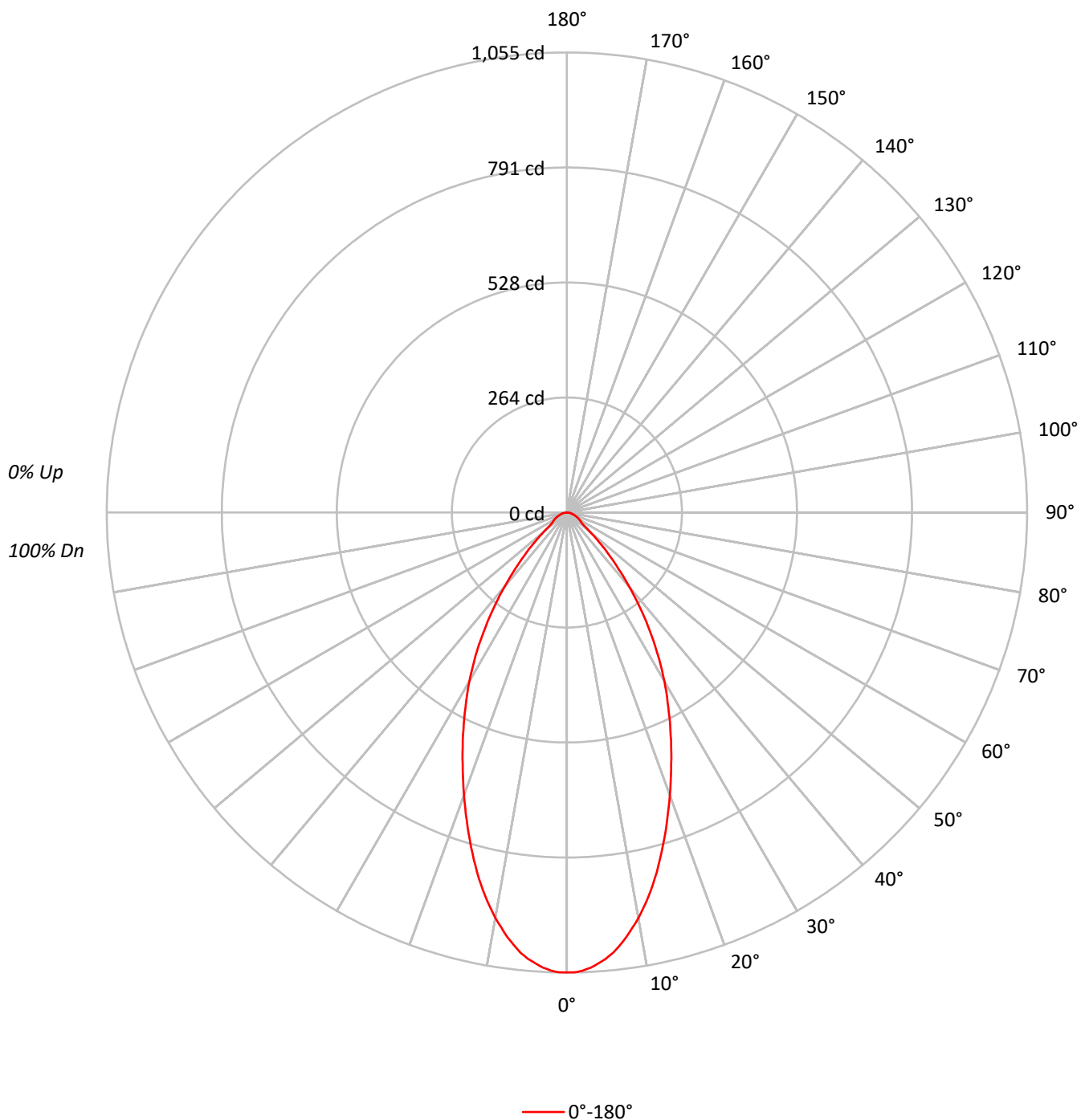
Lumens per Lamp: N/A
Luminaire Lumens: 978.9 lumens
Efficiency: N/A
Efficacy: 46.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	231297
5°	226083
10°	210239
15°	187084
20°	160921
25°	136314
30°	113157
35°	88767
40°	63605
45°	41710
50°	23777
55°	15598
60°	14736
65°	13698
70°	12310
75°	11184
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41710 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.4	9.7
10°-20°	229.1	23.4
20°-30°	258.2	26.4
30°-40°	206.2	21.1
40°-50°	106.0	10.8
50°-60°	39.9	4.1
60°-70°	26.1	2.7
70°-80°	14.1	1.4
80°-90°	4.1	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°	582.7	59.5
0°-40°	788.8	80.6
0°-60°	934.6	95.5
0°-90°	978.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	978.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1055	
5°	1027	95
15°	824	229
25°	563	258
35°	332	206
45°	134	106
55°	41	40
65°	26	26
75°	13	14
85°	4	4
90°	0	

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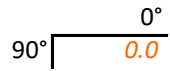
CANDELA DISTRIBUTION (FULL):

0°	
0°	1054.8
1°	1054.8
2°	1051.2
3°	1045.2
4°	1036.7
5°	1027.1
6°	1015.1
7°	999.5
8°	982.7
9°	963.5
10°	944.2
11°	922.6
12°	899.8
13°	875.8
14°	850.5
15°	824.1
17.5°	756.8
20°	689.6
22.5°	624.7
25°	563.4
27.5°	503.4
30°	446.9
32.5°	389.2
35°	331.6
37.5°	275.1
40°	222.2
42.5°	175.4
45°	134.5
47.5°	99.7
50°	69.7
52.5°	49.3
55°	40.8
57.5°	37.2
60°	33.6
62.5°	30.0
65°	26.4
67.5°	22.8
70°	19.2
72.5°	15.6
75°	13.2
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	1.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)