

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: P1248855

Luminaire Tested: P3AS09R309027DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248855
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: P3AS09R309027DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

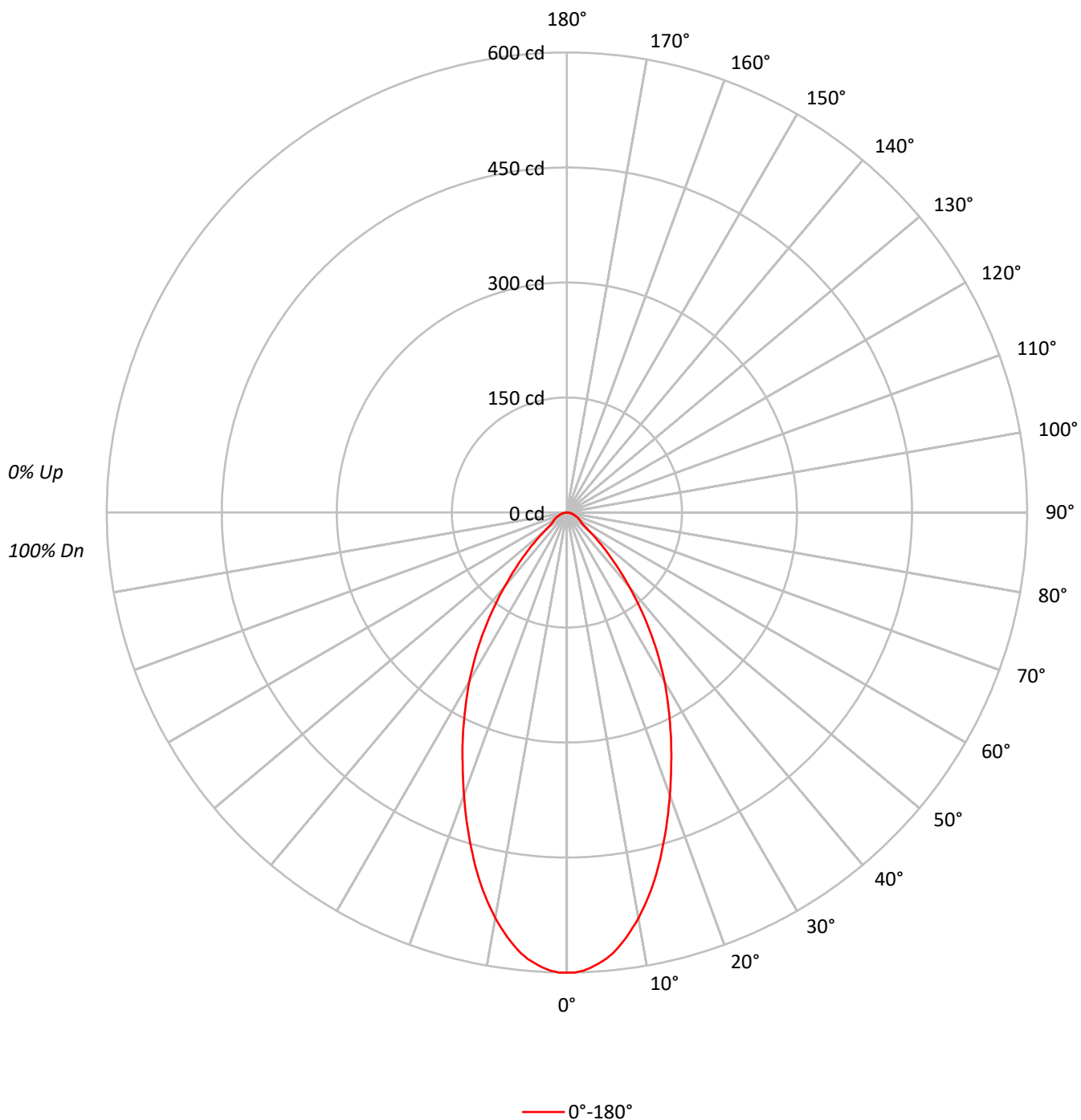
Lumens per Lamp: N/A
Luminaire Lumens: 557.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	131590
5°	128637
10°	119615
15°	106448
20°	91545
25°	77569
30°	64390
35°	50487
40°	36182
45°	23754
50°	13509
55°	8869
60°	8377
65°	7783
70°	6988
75°	6354
80°	6061
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23754 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.3	9.7
10°-20°	130.3	23.4
20°-30°	146.9	26.4
30°-40°	117.3	21.1
40°-50°	60.3	10.8
50°-60°	22.7	4.1
60°-70°	14.9	2.7
70°-80°	8.0	1.4
80°-90°	2.3	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°	331.5	59.5
0°-40°	448.8	80.6
0°-60°	531.8	95.5
0°-90°	557.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	557.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	600	
5°	584	54
15°	469	130
25°	321	147
35°	189	117
45°	77	60
55°	23	23
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	600.1
1°	600.1
2°	598.1
3°	594.6
4°	589.9
5°	584.4
6°	577.6
7°	568.7
8°	559.1
9°	548.2
10°	537.2
11°	524.9
12°	511.9
13°	498.3
14°	483.9
15°	468.9
17.5°	430.6
20°	392.3
22.5°	355.4
25°	320.6
27.5°	286.4
30°	254.3
32.5°	221.5
35°	188.6
37.5°	156.5
40°	126.4
42.5°	99.8
45°	76.6
47.5°	56.7
50°	39.6
52.5°	28.0
55°	23.2
57.5°	21.2
60°	19.1
62.5°	17.1
65°	15.0
67.5°	13.0
70°	10.9
72.5°	8.9
75°	7.5
77.5°	6.2
80°	4.8
82.5°	3.4
85°	2.1
87.5°	0.7



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)