

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: P1256193

Luminaire Tested: P3AS02R309040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256193
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: P3AS02R309040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

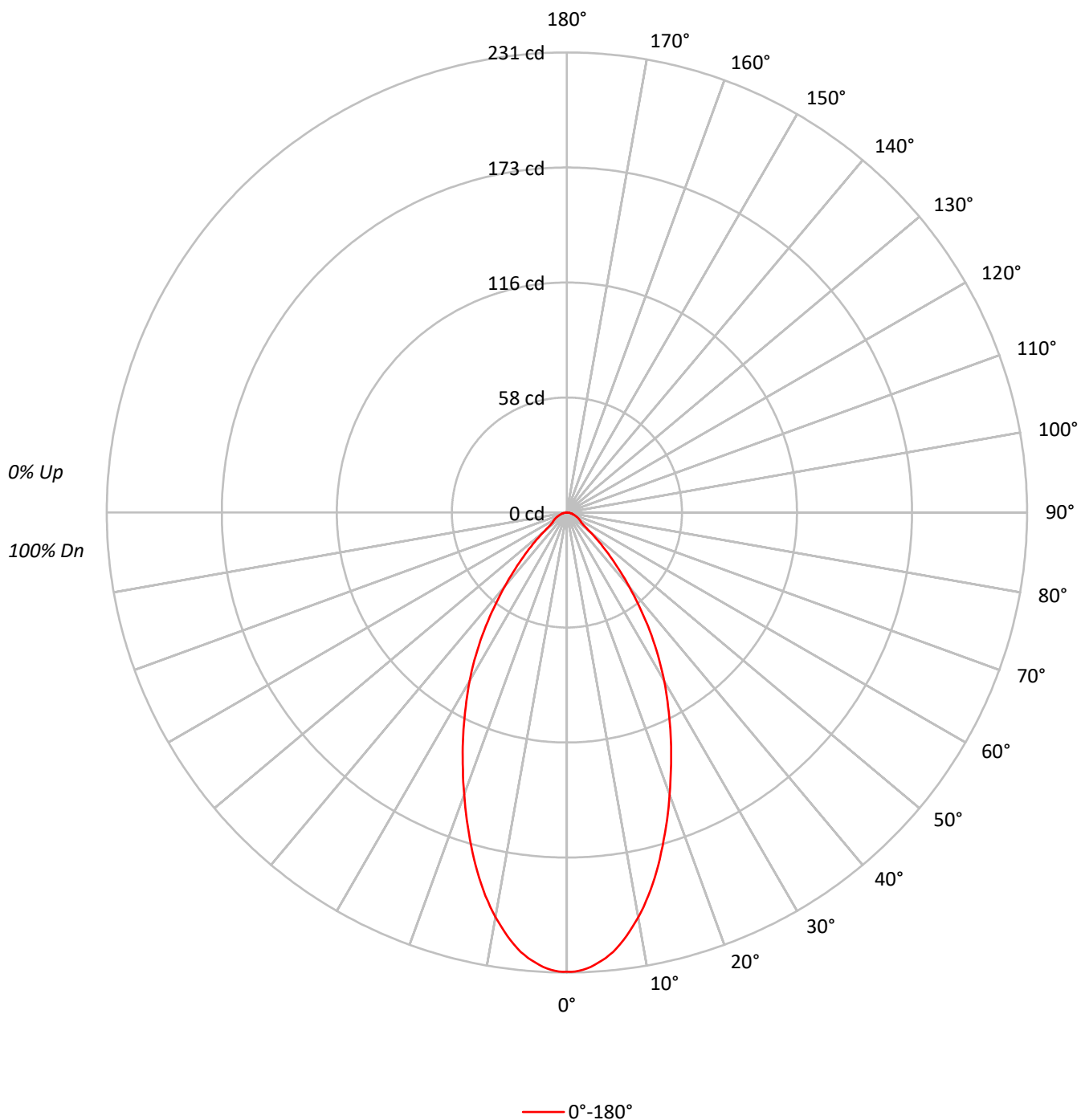
Lumens per Lamp: N/A
Luminaire Lumens: 214.0 lumens
Efficiency: N/A
Efficacy: 59.4 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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		83
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°	50566
5°	49417
10°	45958
15°	40886
20°	35166
25°	29808
30°	24738
35°	19408
40°	13912
45°	9117
50°	5185
55°	3403
60°	3245
65°	3009
70°	2693
75°	2457
80°	2273
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9117 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.8	9.7
10°-20°	50.1	23.4
20°-30°	56.4	26.4
30°-40°	45.1	21.1
40°-50°	23.2	10.8
50°-60°	8.7	4.1
60°-70°	5.7	2.7
70°-80°	3.1	1.4
80°-90°	0.9	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°	127.4	59.5
0°-40°	172.4	80.6
0°-60°	204.3	95.5
0°-90°	214.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	214.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	231	
5°	224	21
15°	180	50
25°	123	56
35°	72	45
45°	29	23
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	230.6
1°	230.6
2°	229.8
3°	228.5
4°	226.6
5°	224.5
6°	221.9
7°	218.5
8°	214.8
9°	210.6
10°	206.4
11°	201.7
12°	196.7
13°	191.4
14°	185.9
15°	180.1
17.5°	165.4
20°	150.7
22.5°	136.6
25°	123.2
27.5°	110.0
30°	97.7
32.5°	85.1
35°	72.5
37.5°	60.1
40°	48.6
42.5°	38.3
45°	29.4
47.5°	21.8
50°	15.2
52.5°	10.8
55°	8.9
57.5°	8.1
60°	7.4
62.5°	6.6
65°	5.8
67.5°	5.0
70°	4.2
72.5°	3.4
75°	2.9
77.5°	2.4
80°	1.8
82.5°	1.3
85°	0.8
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)