

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: P1271640

Luminaire Tested: P3AS09R359827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271640
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

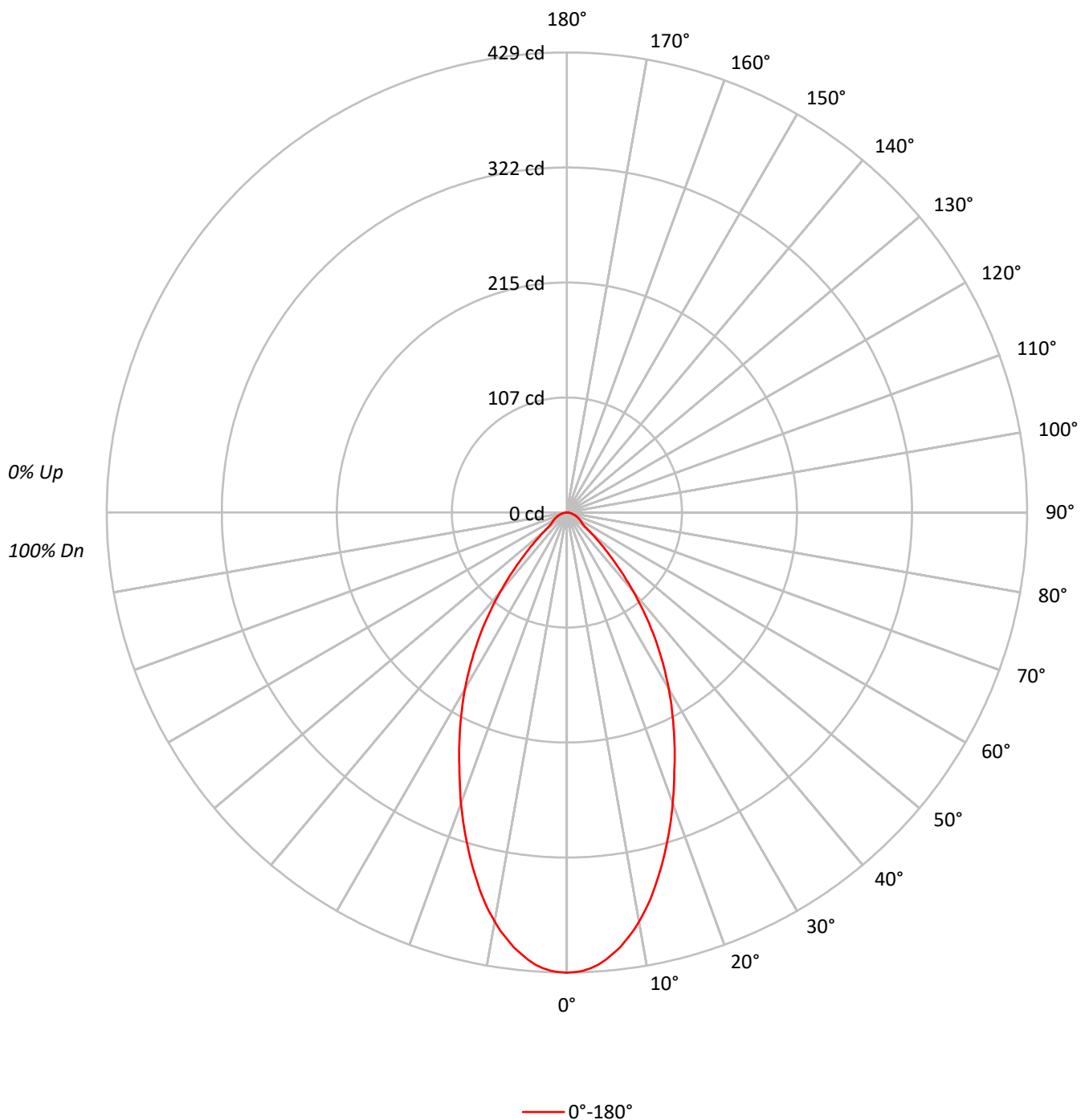
Lumens per Lamp: N/A
Luminaire Lumens: 412.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	94115
5°	92120
10°	86260
15°	77435
20°	67369
25°	57415
30°	48083
35°	38307
40°	27680
45°	17521
50°	9552
55°	6614
60°	6271
65°	5811
70°	5578
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17521 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	9.5
10°-20°	94.9	23.0
20°-30°	108.8	26.4
30°-40°	88.8	21.5
40°-50°	44.8	10.9
50°-60°	16.6	4.0
60°-70°	11.2	2.7
70°-80°	6.2	1.5
80°-90°	1.9	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°	242.7	58.9
0°-40°	331.4	80.4
0°-60°	392.8	95.3
0°-90°	412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	412.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	429	
5°	418	39
15°	341	95
25°	237	109
35°	143	89
45°	56	45
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	429.2
1°	428.7
2°	427.7
3°	425.6
4°	422.6
5°	418.5
6°	413.4
7°	408.3
8°	401.7
9°	395.1
10°	387.4
11°	379.3
12°	370.6
13°	361.0
14°	350.8
15°	341.1
17.5°	315.1
20°	288.7
22.5°	261.7
25°	237.3
27.5°	213.3
30°	189.9
32.5°	166.5
35°	143.1
37.5°	119.6
40°	96.7
42.5°	75.4
45°	56.5
47.5°	40.7
50°	28.0
52.5°	20.4
55°	17.3
57.5°	15.8
60°	14.3
62.5°	12.7
65°	11.2
67.5°	9.7
70°	8.7
72.5°	7.1
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.5
85°	1.5
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)