

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: P1256944

Luminaire Tested: P3AS09R259040DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256944
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259040DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

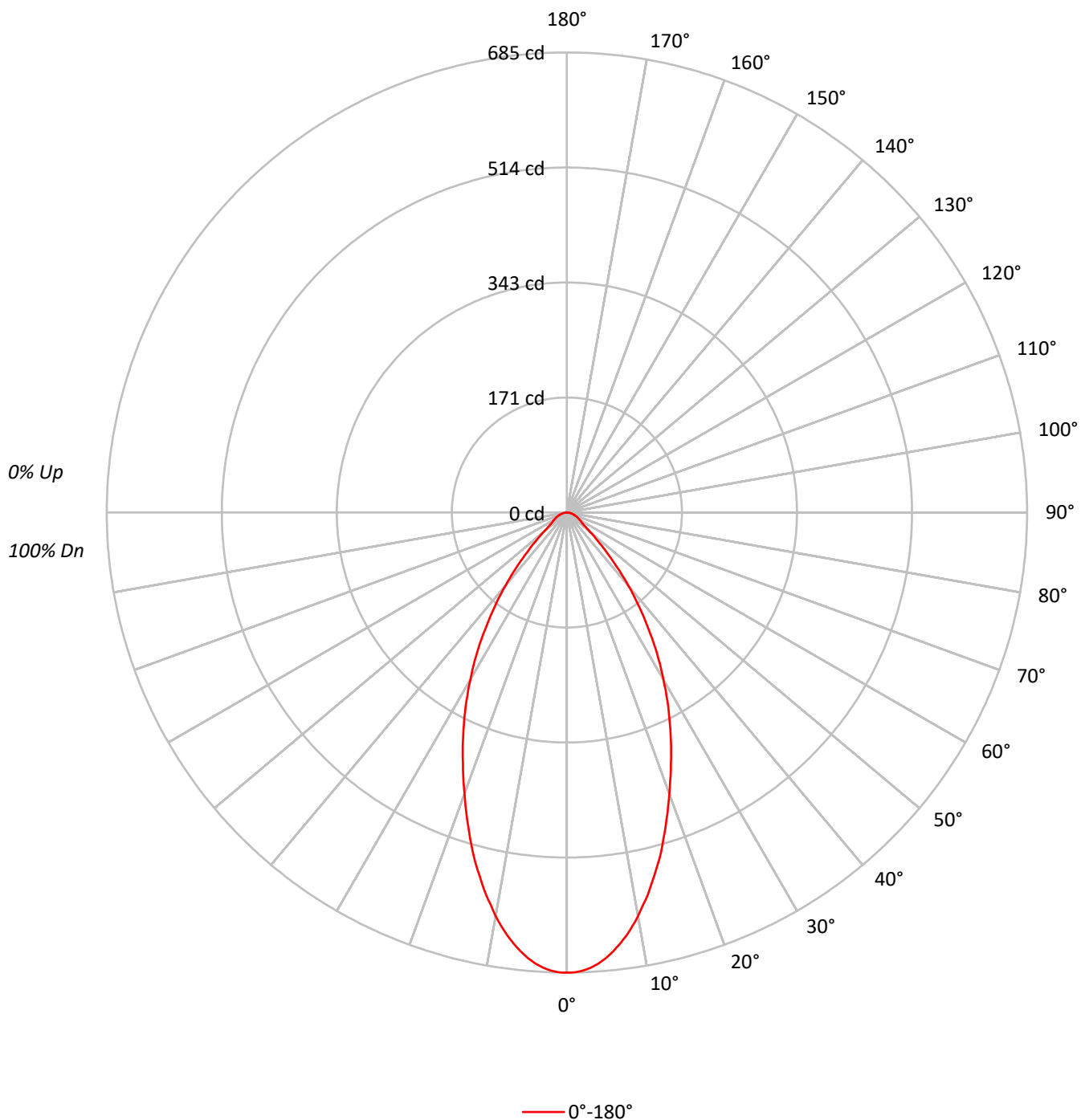
Lumens per Lamp: N/A
Luminaire Lumens: 632.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		83
4	94	85	79	74	92	84	78	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°	150207
5°	146621
10°	135869
15°	121000
20°	103982
25°	88384
30°	72771
35°	56697
40°	40791
45°	25894
50°	15317
55°	10552
60°	9648
65°	8976
70°	8078
75°	7371
80°	6945
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25894 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.8	9.8
10°-20°	148.0	23.4
20°-30°	167.2	26.5
30°-40°	132.3	20.9
40°-50°	66.8	10.6
50°-60°	26.8	4.2
60°-70°	17.1	2.7
70°-80°	9.5	1.5
80°-90°	2.7	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°	376.9	59.6
0°-40°	509.2	80.6
0°-60°	602.8	95.4
0°-90°	632.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	632.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	685	
5°	666	62
15°	533	148
25°	365	167
35°	212	132
45°	84	67
55°	28	27
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	685.0
1°	685.0
2°	682.6
3°	678.7
4°	673.2
5°	666.1
6°	657.4
7°	647.2
8°	636.2
9°	623.6
10°	610.2
11°	595.2
12°	581.1
13°	564.5
14°	548.8
15°	533.0
17.5°	488.9
20°	445.6
22.5°	404.7
25°	365.3
27.5°	326.7
30°	287.4
32.5°	250.4
35°	211.8
37.5°	176.4
40°	142.5
42.5°	111.0
45°	83.5
47.5°	62.2
50°	44.9
52.5°	33.9
55°	27.6
57.5°	25.2
60°	22.0
62.5°	19.7
65°	17.3
67.5°	15.0
70°	12.6
72.5°	11.0
75°	8.7
77.5°	7.1
80°	5.5
82.5°	3.9
85°	2.4
87.5°	0.8



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)