

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: P1271580

Luminaire Tested: P3AS09R259827DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271580
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: P3AS09R259827DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

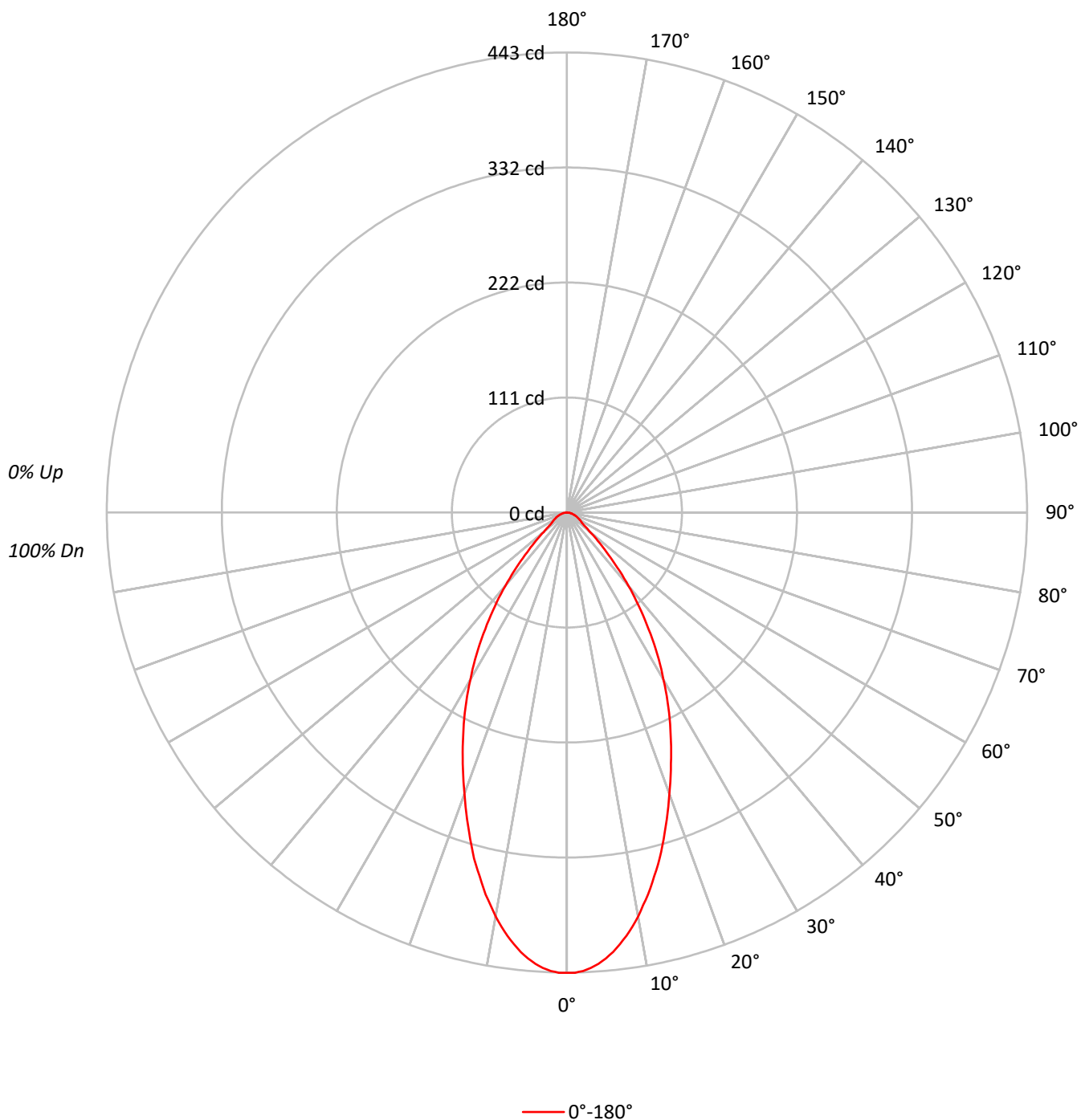
Lumens per Lamp: N/A
Luminaire Lumens: 409.0 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	97207
5°	94893
10°	87930
15°	78321
20°	67299
25°	57197
30°	47096
35°	36701
40°	26392
45°	16746
50°	9893
55°	6805
60°	6271
65°	5811
70°	5257
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.0	9.8
10°-20°	95.8	23.4
20°-30°	108.2	26.5
30°-40°	85.6	20.9
40°-50°	43.2	10.6
50°-60°	17.3	4.2
60°-70°	11.1	2.7
70°-80°	6.1	1.5
80°-90°	1.7	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°	243.9	59.6
0°-40°	329.5	80.6
0°-60°	390.0	95.4
0°-90°	409.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	409.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	443	
5°	431	40
15°	345	96
25°	236	108
35°	137	86
45°	54	43
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	443.3
1°	443.3
2°	441.8
3°	439.2
4°	435.6
5°	431.1
6°	425.5
7°	418.8
8°	411.7
9°	403.5
10°	394.9
11°	385.2
12°	376.0
13°	365.3
14°	355.1
15°	345.0
17.5°	316.4
20°	288.4
22.5°	261.9
25°	236.4
27.5°	211.5
30°	186.0
32.5°	162.0
35°	137.1
37.5°	114.1
40°	92.2
42.5°	71.8
45°	54.0
47.5°	40.3
50°	29.0
52.5°	21.9
55°	17.8
57.5°	16.3
60°	14.3
62.5°	12.7
65°	11.2
67.5°	9.7
70°	8.2
72.5°	7.1
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.5
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)