

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: P1262249

Luminaire Tested: P3AS09R259727DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262249
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: P3AS09R259727DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

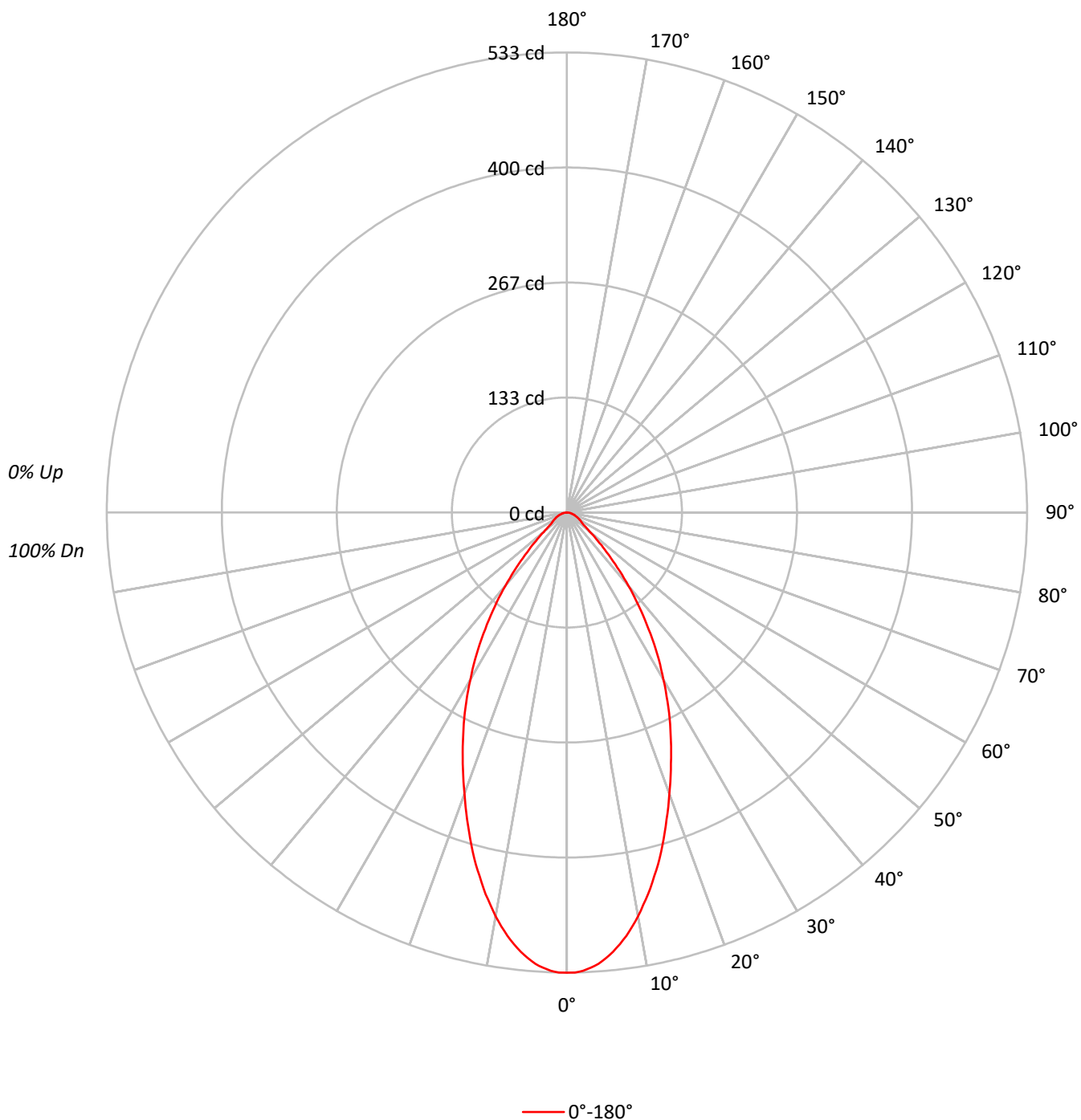
Lumens per Lamp: N/A
Luminaire Lumens: 492.0 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	116920
5°	114131
10°	105765
15°	94212
20°	80950
25°	68810
30°	56642
35°	44142
40°	31745
45°	20157
50°	11906
55°	8220
60°	7543
65°	7005
70°	6283
75°	5676
80°	5430
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20157 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	9.8
10°-20°	115.2	23.4
20°-30°	130.2	26.5
30°-40°	103.0	20.9
40°-50°	52.0	10.6
50°-60°	20.8	4.2
60°-70°	13.3	2.7
70°-80°	7.3	1.5
80°-90°	2.1	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°	293.4	59.6
0°-40°	396.4	80.6
0°-60°	469.2	95.4
0°-90°	492.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	492.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	533	
5°	518	48
15°	415	115
25°	284	130
35°	165	103
45°	65	52
55°	22	21
65°	14	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	533.2
1°	533.2
2°	531.4
3°	528.3
4°	524.1
5°	518.5
6°	511.8
7°	503.8
8°	495.2
9°	485.4
10°	475.0
11°	463.4
12°	452.3
13°	439.5
14°	427.2
15°	415.0
17.5°	380.6
20°	346.9
22.5°	315.0
25°	284.4
27.5°	254.4
30°	223.7
32.5°	194.9
35°	164.9
37.5°	137.3
40°	110.9
42.5°	86.4
45°	65.0
47.5°	48.4
50°	34.9
52.5°	26.4
55°	21.5
57.5°	19.6
60°	17.2
62.5°	15.3
65°	13.5
67.5°	11.6
70°	9.8
72.5°	8.6
75°	6.7
77.5°	5.5
80°	4.3
82.5°	3.1
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)