

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: P1262257

Luminaire Tested: P3AS09R259727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262257
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

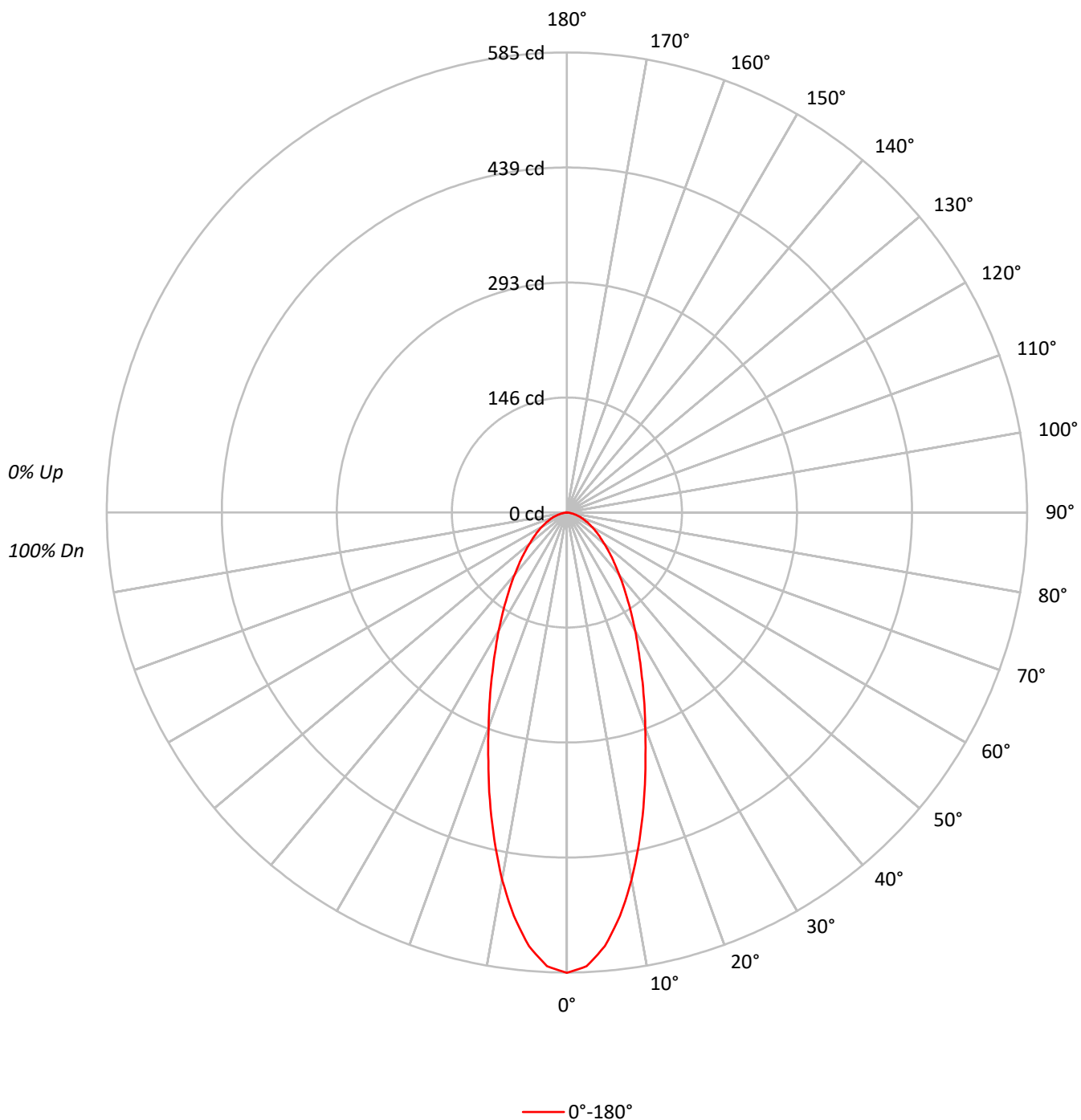
Lumens per Lamp: N/A
Luminaire Lumens: 491.9 lumens
Efficiency: N/A
Efficacy: 44.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	108	105	102	109	106	103	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	128367
5°	121857
10°	105542
15°	85926
20°	67883
25°	54124
30°	43880
35°	35737
40°	29627
45°	24964
50°	21117
55°	18580
60°	16271
65°	14217
70°	12502
75°	10506
80°	7829
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24964 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.3	10.2
10°-20°	105.0	21.3
20°-30°	103.4	21.0
30°-40°	84.2	17.1
40°-50°	62.5	12.7
50°-60°	43.6	8.9
60°-70°	27.3	5.6
70°-80°	13.2	2.7
80°-90°	2.5	0.5
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°	258.7	52.6
0°-40°	342.9	69.7
0°-60°	448.9	91.3
0°-90°	491.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	585	
5°	554	50
15°	378	105
25°	224	103
35°	134	84
45°	80	62
55°	49	44
65°	27	27
75°	12	13
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	585.4
2.5°	577.5
5°	553.6
7.5°	517.3
10°	474.0
12.5°	426.2
15°	378.5
17.5°	331.6
20°	290.9
22.5°	255.6
25°	223.7
27.5°	196.3
30°	173.3
32.5°	152.1
35°	133.5
37.5°	117.6
40°	103.5
42.5°	91.1
45°	80.5
47.5°	70.7
50°	61.9
52.5°	54.8
55°	48.6
57.5°	42.4
60°	37.1
62.5°	31.8
65°	27.4
67.5°	23.0
70°	19.5
72.5°	15.9
75°	12.4
77.5°	8.8
80°	6.2
82.5°	3.5
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)