

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: P1262167

Luminaire Tested: P3AS09R109727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262167
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R109727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

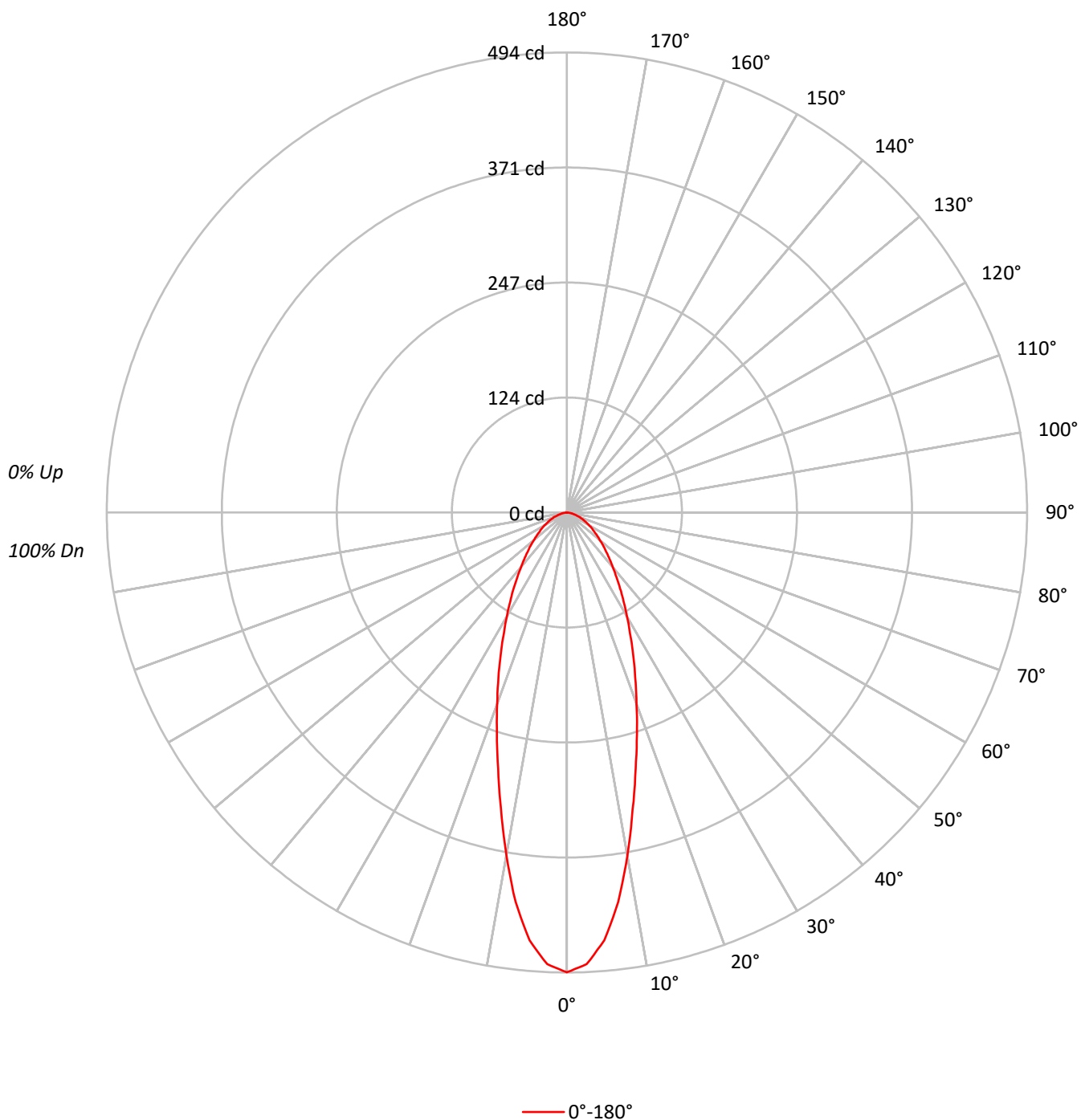
Lumens per Lamp: N/A
Luminaire Lumens: 372.0 lumens
Efficiency: N/A
Efficacy: 29.8 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108259
5°	101475
10°	83209
15°	64654
20°	51034
25°	40672
30°	32638
35°	26662
40°	21955
45°	18483
50°	15863
55°	13725
60°	12148
65°	10585
70°	9425
75°	7625
80°	6188
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18483 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	11.1
10°-20°	79.8	21.4
20°-30°	77.5	20.8
30°-40°	62.7	16.8
40°-50°	46.5	12.5
50°-60°	32.5	8.7
60°-70°	20.4	5.5
70°-80°	9.7	2.6
80°-90°	1.8	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°	198.5	53.4
0°-40°	261.2	70.2
0°-60°	340.2	91.5
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	494	
5°	461	41
15°	285	80
25°	168	78
35°	100	63
45°	60	47
55°	36	32
65°	20	20
75°	9	10
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	493.7
2.5°	485.5
5°	461.0
7.5°	421.9
10°	373.7
12.5°	326.4
15°	284.8
17.5°	249.7
20°	218.7
22.5°	191.8
25°	168.1
27.5°	146.9
30°	128.9
32.5°	113.4
35°	99.6
37.5°	87.3
40°	76.7
42.5°	67.7
45°	59.6
47.5°	53.0
50°	46.5
52.5°	40.8
55°	35.9
57.5°	31.8
60°	27.7
62.5°	23.7
65°	20.4
67.5°	17.1
70°	14.7
72.5°	11.4
75°	9.0
77.5°	6.5
80°	4.9
82.5°	2.4
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)