

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: P1259551

Luminaire Tested: P3AS09R259050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259551
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: P3AS09R259050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

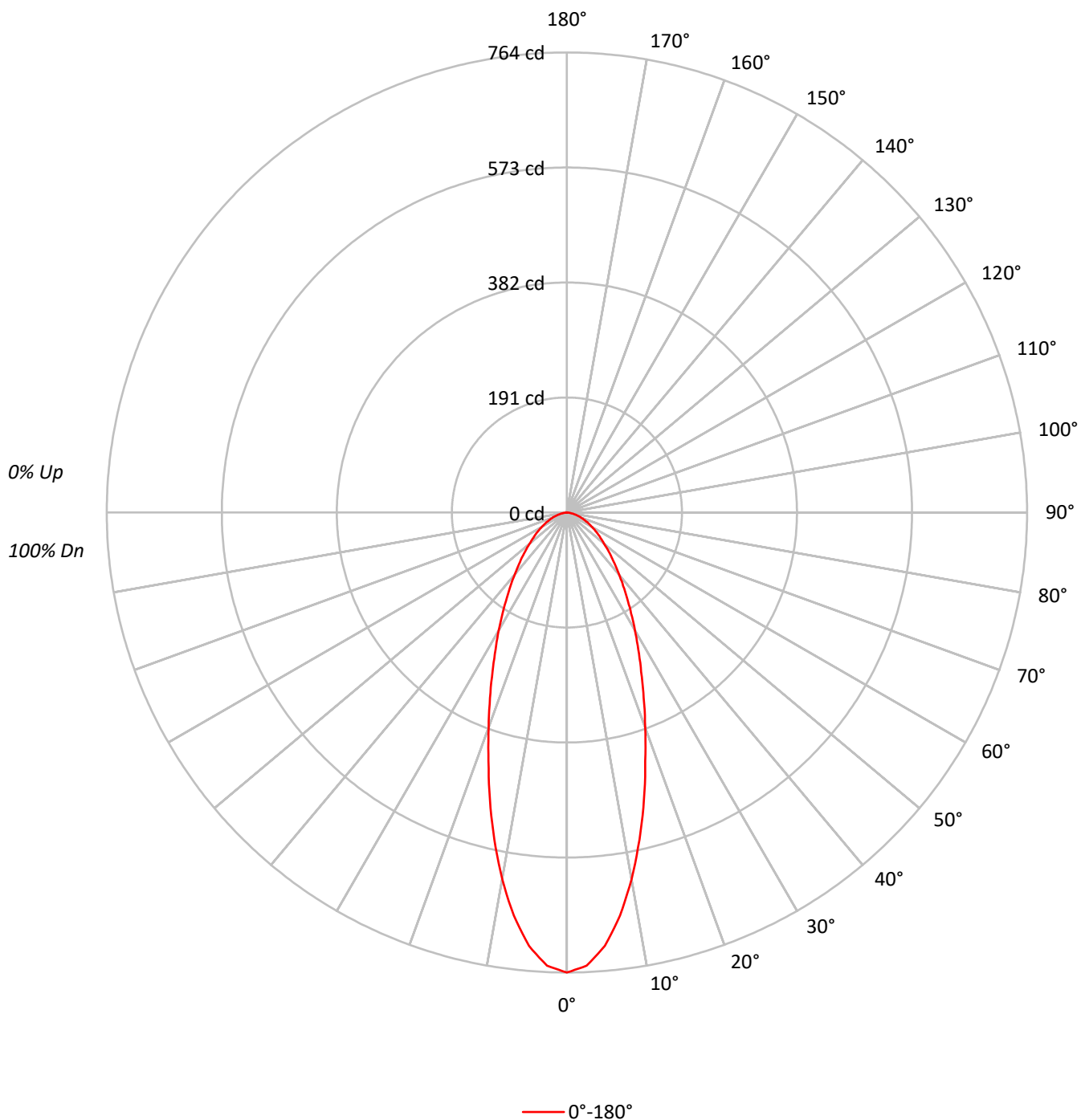
Lumens per Lamp: N/A
Luminaire Lumens: 642.0 lumens
Efficiency: N/A
Efficacy: 57.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	167509
5°	159013
10°	137717
15°	112123
20°	88581
25°	70625
30°	57275
35°	46632
40°	38644
45°	32562
50°	27564
55°	24276
60°	21270
65°	18575
70°	16285
75°	13725
80°	10229
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32562 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.6	10.2
10°-20°	137.0	21.3
20°-30°	135.0	21.0
30°-40°	109.9	17.1
40°-50°	81.5	12.7
50°-60°	56.9	8.9
60°-70°	35.7	5.6
70°-80°	17.2	2.7
80°-90°	3.3	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°	337.5	52.6
0°-40°	447.4	69.7
0°-60°	585.9	91.3
0°-90°	642.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	642.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	764	
5°	722	66
15°	494	137
25°	292	135
35°	174	110
45°	105	82
55°	64	57
65°	36	36
75°	16	17
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	763.9
2.5°	753.5
5°	722.4
7.5°	675.1
10°	618.5
12.5°	556.2
15°	493.9
17.5°	432.7
20°	379.6
22.5°	333.5
25°	291.9
27.5°	256.2
30°	226.2
32.5°	198.5
35°	174.2
37.5°	153.5
40°	135.0
42.5°	118.9
45°	105.0
47.5°	92.3
50°	80.8
52.5°	71.5
55°	63.5
57.5°	55.4
60°	48.5
62.5°	41.5
65°	35.8
67.5°	30.0
70°	25.4
72.5°	20.8
75°	16.2
77.5°	11.5
80°	8.1
82.5°	4.6
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)