

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: P1251540

Luminaire Tested: P3AS09R259030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251540
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: P3AS09R259030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

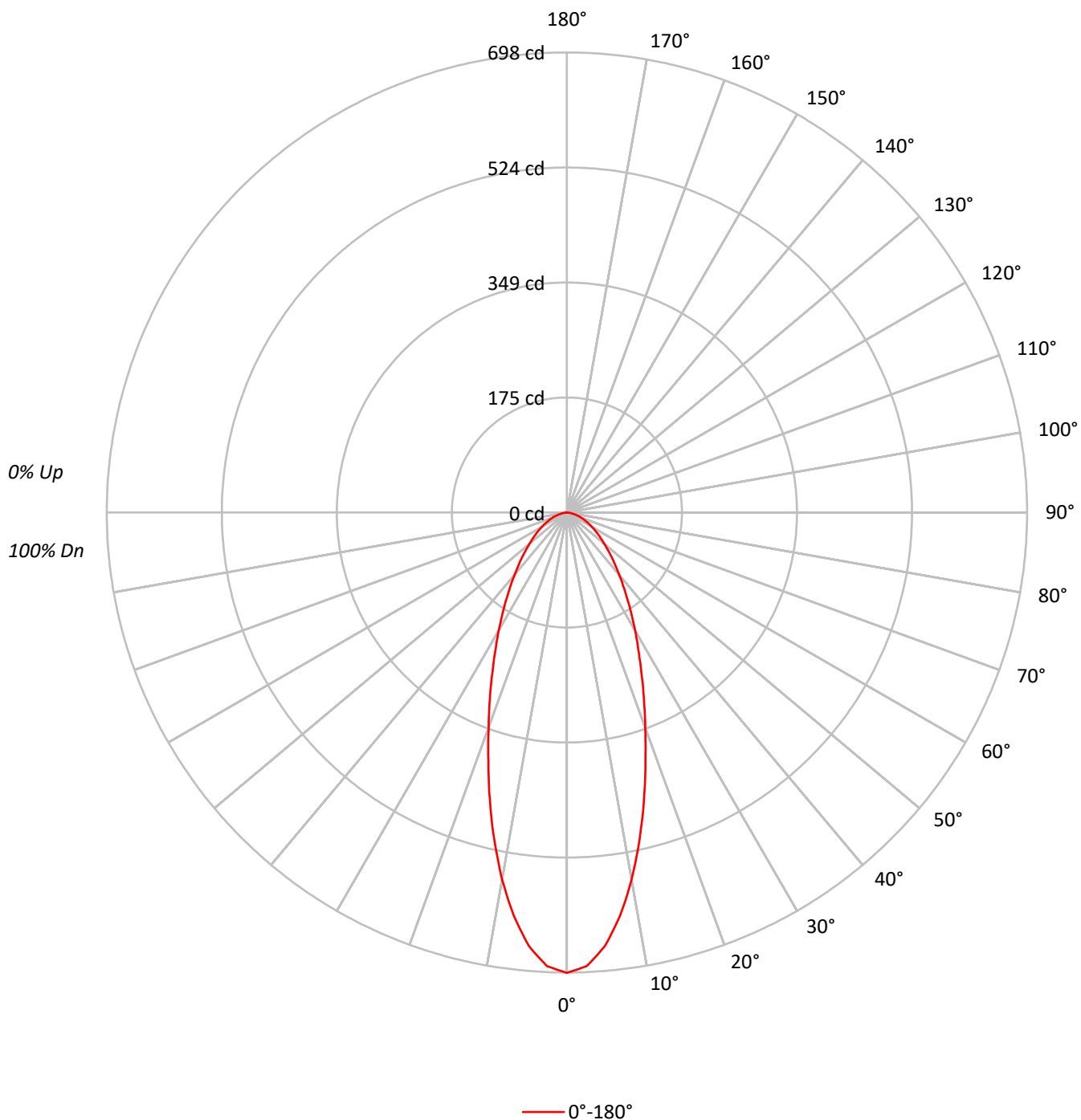
Lumens per Lamp: N/A
Luminaire Lumens: 587.0 lumens
Efficiency: N/A
Efficacy: 52.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	153168
5°	145388
10°	125916
15°	102520
20°	80997
25°	64576
30°	52362
35°	42643
40°	35323
45°	29771
50°	25210
55°	22174
60°	19428
65°	16967
70°	14874
75°	12539
80°	9345
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29771 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.0	10.2
10°-20°	125.2	21.3
20°-30°	123.4	21.0
30°-40°	100.5	17.1
40°-50°	74.6	12.7
50°-60°	52.0	8.9
60°-70°	32.6	5.6
70°-80°	15.7	2.7
80°-90°	3.0	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°	308.6	52.6
0°-40°	409.1	69.7
0°-60°	535.7	91.3
0°-90°	587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	698	
5°	660	60
15°	452	125
25°	267	123
35°	159	100
45°	96	75
55°	58	52
65°	33	33
75°	15	16
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	698.5
2.5°	689.0
5°	660.5
7.5°	617.2
10°	565.5
12.5°	508.6
15°	451.6
17.5°	395.7
20°	347.1
22.5°	304.9
25°	266.9
27.5°	234.2
30°	206.8
32.5°	181.5
35°	159.3
37.5°	140.3
40°	123.4
42.5°	108.7
45°	96.0
47.5°	84.4
50°	73.9
52.5°	65.4
55°	58.0
57.5°	50.6
60°	44.3
62.5°	38.0
65°	32.7
67.5°	27.4
70°	23.2
72.5°	19.0
75°	14.8
77.5°	10.6
80°	7.4
82.5°	4.2
85°	2.1
87.5°	1.1
90°	0.0

(END OF REPORT)