

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: P1251450

Luminaire Tested: P3AS09R109030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251450
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: P3AS09R109030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

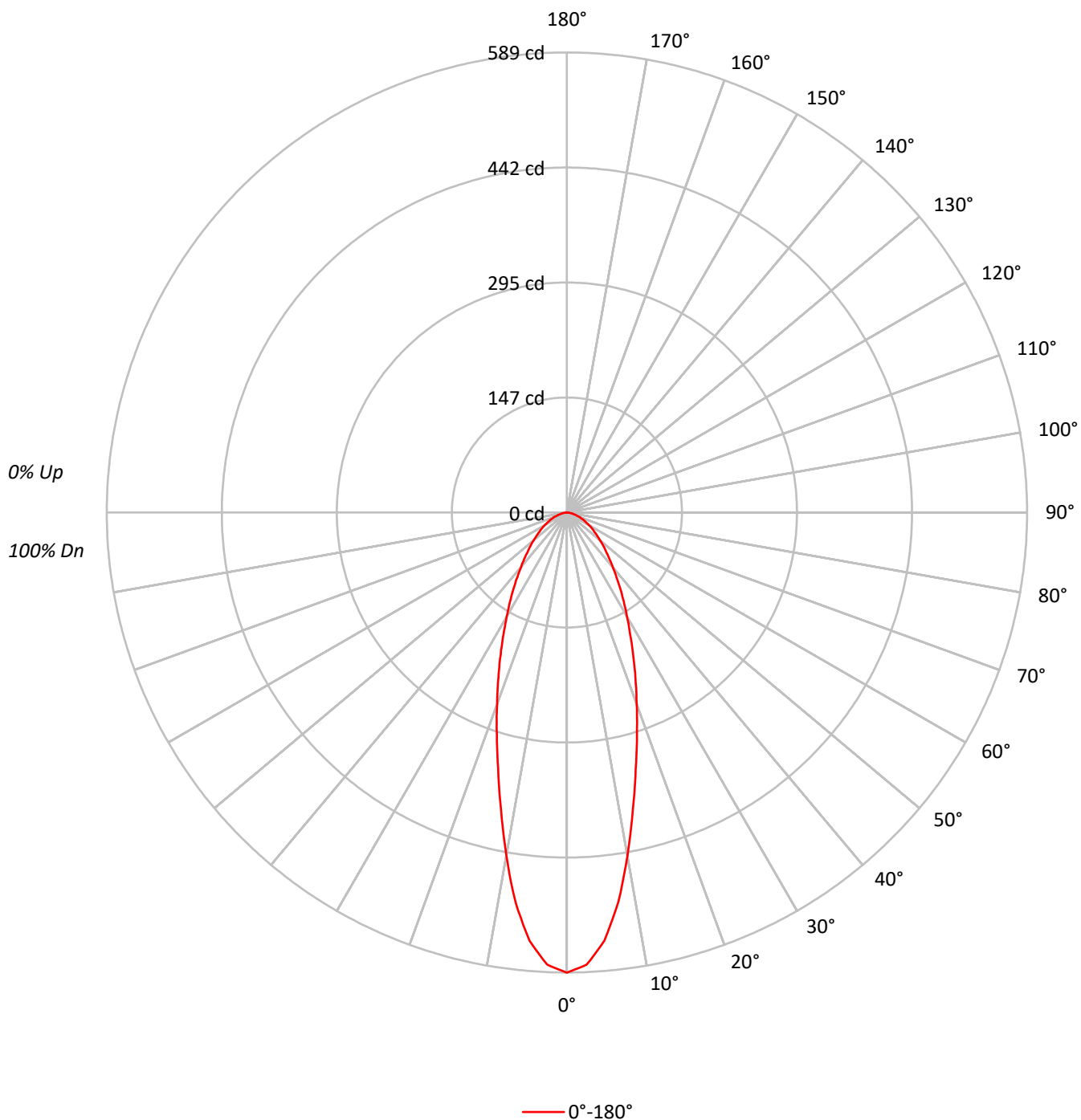
Lumens per Lamp: N/A
Luminaire Lumens: 443.9 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	129200
5°	121131
10°	99330
15°	77163
20°	60905
25°	48535
30°	38968
35°	31802
40°	26192
45°	22049
50°	18933
55°	16401
60°	14516
65°	12608
70°	11220
75°	9065
80°	7324
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22049 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	11.1
10°-20°	95.2	21.4
20°-30°	92.5	20.8
30°-40°	74.8	16.8
40°-50°	55.5	12.5
50°-60°	38.8	8.7
60°-70°	24.3	5.5
70°-80°	11.5	2.6
80°-90°	2.1	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°	236.9	53.4
0°-40°	311.7	70.2
0°-60°	406.0	91.5
0°-90°	443.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	443.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	589	
5°	550	49
15°	340	95
25°	201	93
35°	119	75
45°	71	56
55°	43	39
65°	24	24
75°	11	12
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	589.2
2.5°	579.5
5°	550.3
7.5°	503.5
10°	446.1
12.5°	389.6
15°	339.9
17.5°	298.0
20°	261.0
22.5°	228.9
25°	200.6
27.5°	175.3
30°	153.9
32.5°	135.4
35°	118.8
37.5°	104.2
40°	91.5
42.5°	80.8
45°	71.1
47.5°	63.3
50°	55.5
52.5°	48.7
55°	42.9
57.5°	38.0
60°	33.1
62.5°	28.2
65°	24.3
67.5°	20.5
70°	17.5
72.5°	13.6
75°	10.7
77.5°	7.8
80°	5.8
82.5°	2.9
85°	1.9
87.5°	0.0
90°	0.0

(END OF REPORT)