

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: P1265424

Luminaire Tested: P3A17R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265424
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

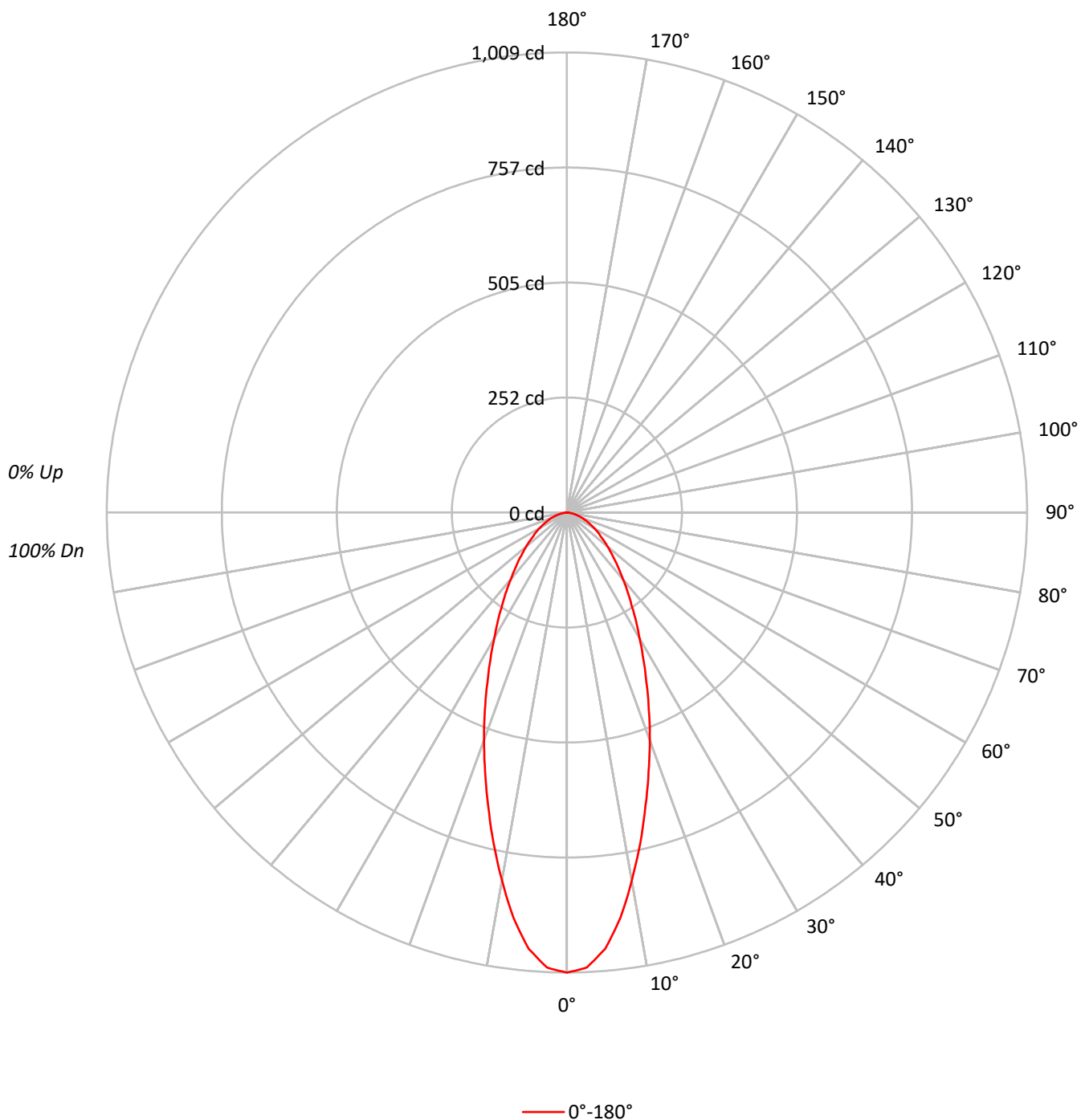
Lumens per Lamp: N/A
Luminaire Lumens: 898.0 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221276
5°	211490
10°	182428
15°	151215
20°	123957
25°	99925
30°	80544
35°	65986
40°	54817
45°	46485
50°	39777
55°	34369
60°	30655
65°	26773
70°	23465
75°	19741
80°	14775
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46485 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	87.1	9.7
10°-20°	185.7	20.7
20°-30°	190.4	21.2
30°-40°	155.6	17.3
40°-50°	116.4	13.0
50°-60°	81.7	9.1
60°-70°	51.4	5.7
70°-80°	24.8	2.8
80°-90°	4.8	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°	463.2	51.6
0°-40°	618.9	68.9
0°-60°	817.0	91.0
0°-90°	898.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	898.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1009	
5°	961	87
15°	666	186
25°	413	190
35°	246	156
45°	150	116
55°	90	82
65°	52	51
75°	23	25
85°	3	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1009.1
2.5°	999.1
5°	960.8
7.5°	897.5
10°	819.3
12.5°	742.7
15°	666.1
17.5°	596.1
20°	531.2
22.5°	469.6
25°	413.0
27.5°	363.0
30°	318.1
32.5°	281.4
35°	246.5
37.5°	218.1
40°	191.5
42.5°	169.9
45°	149.9
47.5°	131.6
50°	116.6
52.5°	103.2
55°	89.9
57.5°	79.9
60°	69.9
62.5°	59.9
65°	51.6
67.5°	43.3
70°	36.6
72.5°	30.0
75°	23.3
77.5°	16.7
80°	11.7
82.5°	6.7
85°	3.3
87.5°	1.7
90°	0.0

(END OF REPORT)