

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: P1264668

Luminaire Tested: P3A09R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264668
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: P3A09R309730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

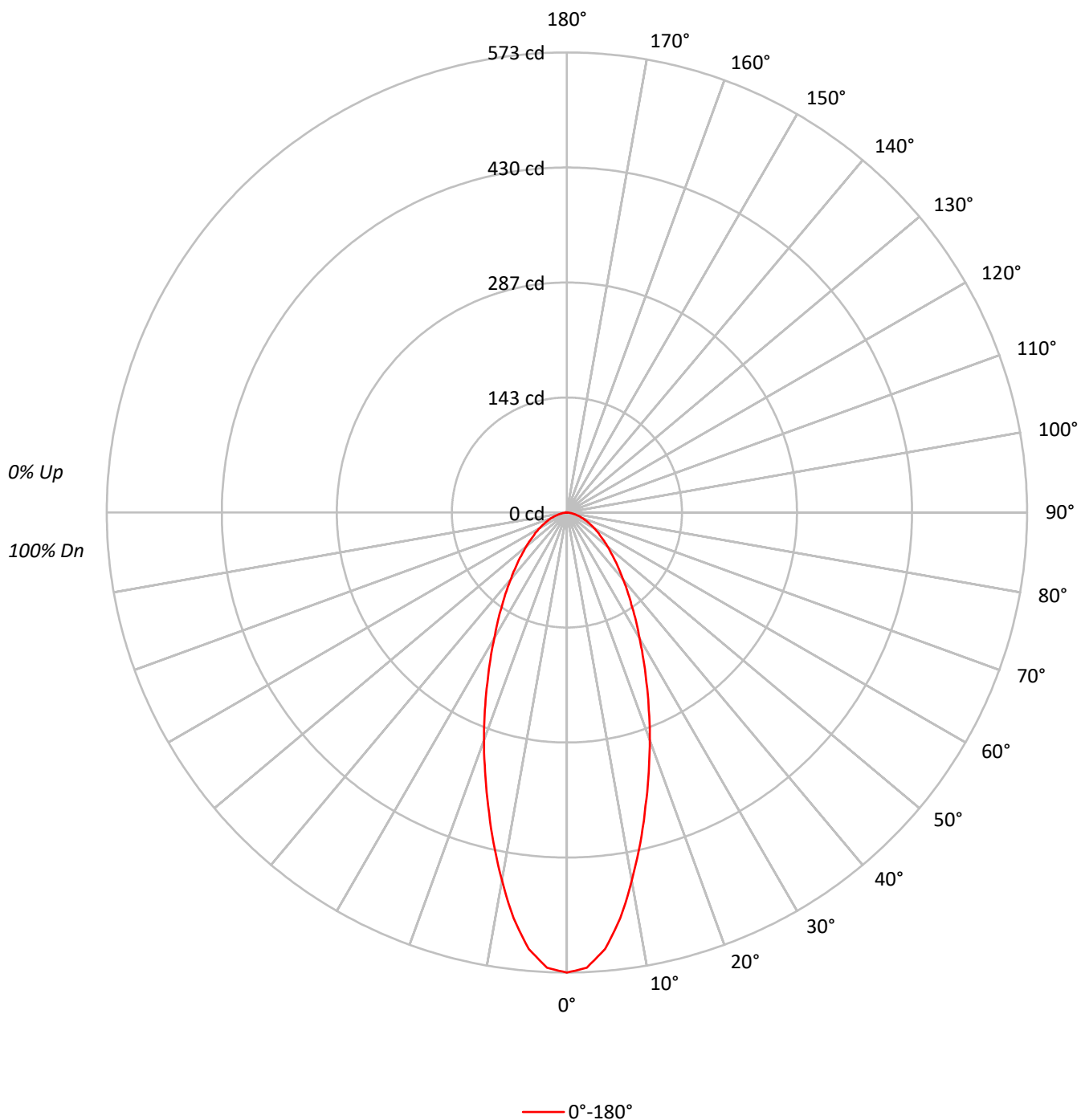
Lumens per Lamp: N/A
Luminaire Lumens: 510.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

TEST NUMBER: P1264668

CATALOG NUMBER: P3A09R309730DE010 E3PHLD1MW

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°	125670
5°	120119
10°	103605
15°	85880
20°	70403
25°	56737
30°	45729
35°	37477
40°	31144
45°	26390
50°	22583
55°	19536
60°	17411
65°	15203
70°	13336
75°	11184
80°	8334
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26390 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.5	9.7
10°-20°	105.5	20.7
20°-30°	108.1	21.2
30°-40°	88.4	17.3
40°-50°	66.1	13.0
50°-60°	46.4	9.1
60°-70°	29.2	5.7
70°-80°	14.1	2.8
80°-90°	2.7	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°	263.1	51.6
0°-40°	351.5	68.9
0°-60°	464.0	91.0
0°-90°	510.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	510.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	573	
5°	546	49
15°	378	105
25°	234	108
35°	140	88
45°	85	66
55°	51	46
65°	29	29
75°	13	14
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	573.1
2.5°	567.4
5°	545.7
7.5°	509.7
10°	465.3
12.5°	421.8
15°	378.3
17.5°	338.6
20°	301.7
22.5°	266.7
25°	234.5
27.5°	206.2
30°	180.6
32.5°	159.8
35°	140.0
37.5°	123.9
40°	108.8
42.5°	96.5
45°	85.1
47.5°	74.7
50°	66.2
52.5°	58.6
55°	51.1
57.5°	45.4
60°	39.7
62.5°	34.0
65°	29.3
67.5°	24.6
70°	20.8
72.5°	17.0
75°	13.2
77.5°	9.5
80°	6.6
82.5°	3.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)