

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: P1263879

Luminaire Tested: P3A02R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263879
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: P3A02R309730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

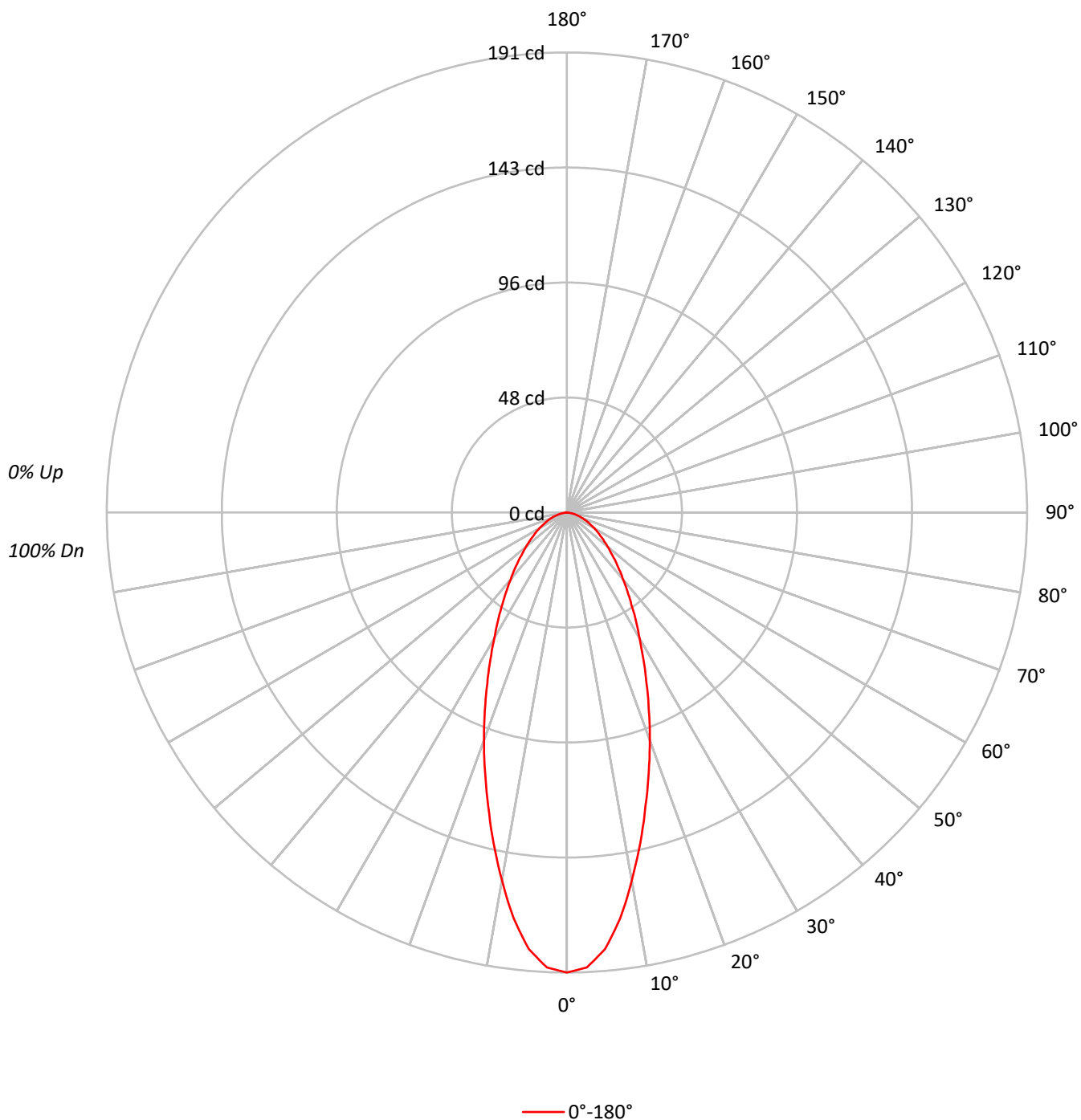
Lumens per Lamp: N/A
Luminaire Lumens: 170.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1263879

CATALOG NUMBER: P3A02R309730DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1263879

CATALOG NUMBER: P3A02R309730DE010 E3PHLD1MW

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	72	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°	41883
5°	40040
10°	34535
15°	28627
20°	23475
25°	18920
30°	15243
35°	12501
40°	10391
45°	8807
50°	7539
55°	6499
60°	5789
65°	5085
70°	4424
75°	3728
80°	2778
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8807 cd/sqm

TEST NUMBER: P1263879

CATALOG NUMBER: P3A02R309730DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.5	9.7
10°-20°	35.2	20.7
20°-30°	36.0	21.2
30°-40°	29.5	17.3
40°-50°	22.1	13.0
50°-60°	15.5	9.1
60°-70°	9.7	5.7
70°-80°	4.7	2.8
80°-90°	0.9	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°	87.7	51.6
0°-40°	117.2	68.9
0°-60°	154.7	91.0
0°-90°	170.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	170.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	191	
5°	182	16
15°	126	35
25°	78	36
35°	47	29
45°	28	22
55°	17	15
65°	10	10
75°	4	5
85°	1	1
90°	0	



TEST NUMBER: P1263879

CATALOG NUMBER: P3A02R309730DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	191.0
2.5°	189.1
5°	181.9
7.5°	169.9
10°	155.1
12.5°	140.6
15°	126.1
17.5°	112.9
20°	100.6
22.5°	88.9
25°	78.2
27.5°	68.7
30°	60.2
32.5°	53.3
35°	46.7
37.5°	41.3
40°	36.3
42.5°	32.2
45°	28.4
47.5°	24.9
50°	22.1
52.5°	19.5
55°	17.0
57.5°	15.1
60°	13.2
62.5°	11.3
65°	9.8
67.5°	8.2
70°	6.9
72.5°	5.7
75°	4.4
77.5°	3.2
80°	2.2
82.5°	1.3
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)