

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: P1268605

Luminaire Tested: P3A02R259740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268605
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: P3A02R259740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

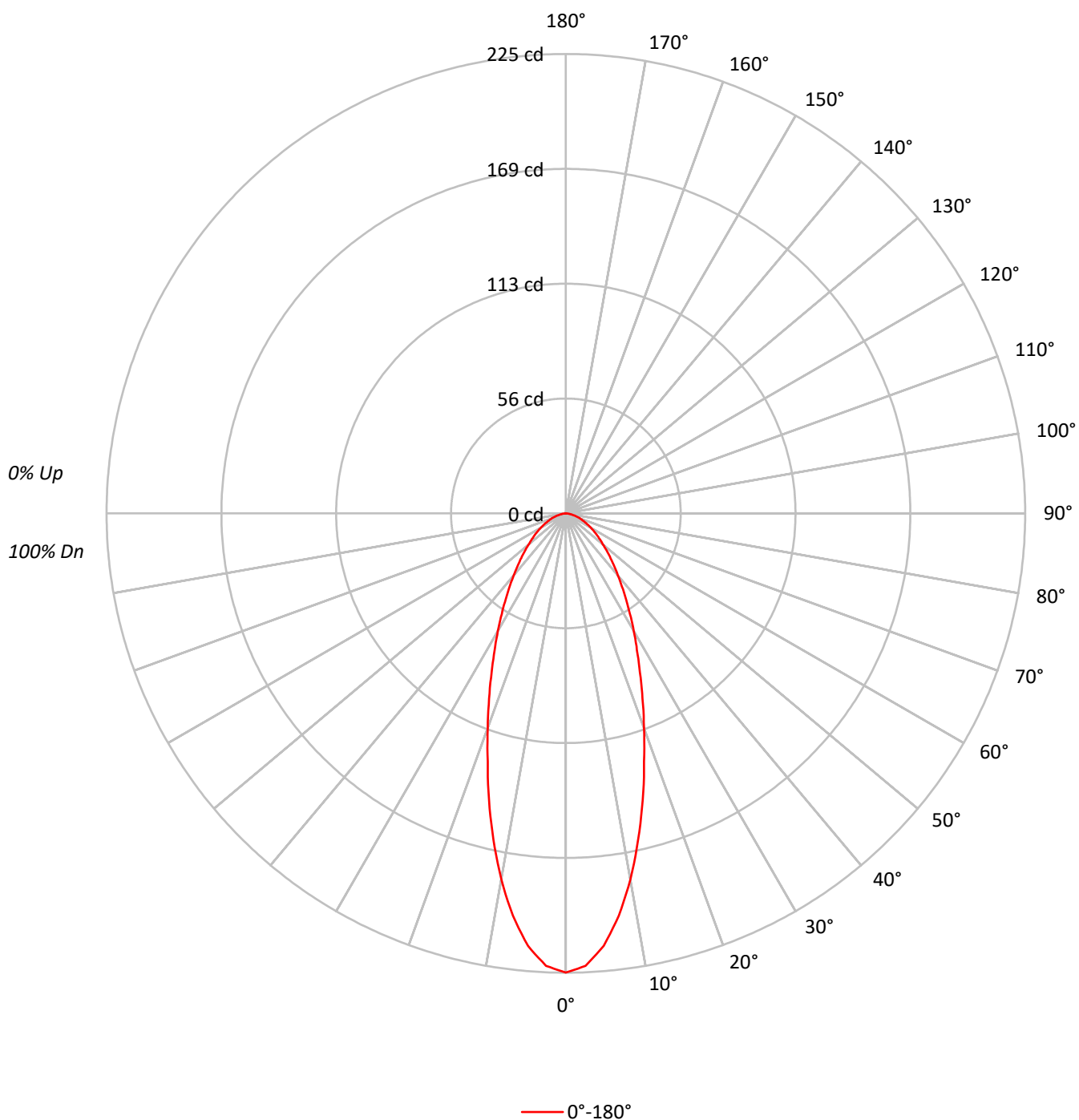
Lumens per Lamp: N/A
Luminaire Lumens: 189.0 lumens
Efficiency: N/A
Efficacy: 52.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	49316
5°	46819
10°	40547
15°	33008
20°	26089
25°	20783
30°	16863
35°	13733
40°	11364
45°	9582
50°	8119
55°	7149
60°	6271
65°	5448
70°	4809
75°	4067
80°	3031
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.3	10.2
10°-20°	40.3	21.3
20°-30°	39.7	21.0
30°-40°	32.3	17.1
40°-50°	24.0	12.7
50°-60°	16.8	8.9
60°-70°	10.5	5.5
70°-80°	5.1	2.7
80°-90°	1.0	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°	99.4	52.6
0°-40°	131.7	69.7
0°-60°	172.5	91.3
0°-90°	189.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	189.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	225	
5°	213	19
15°	145	40
25°	86	40
35°	51	32
45°	31	24
55°	19	17
65°	10	10
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	224.9
2.5°	221.8
5°	212.7
7.5°	198.7
10°	182.1
12.5°	163.7
15°	145.4
17.5°	127.4
20°	111.8
22.5°	98.2
25°	85.9
27.5°	75.4
30°	66.6
32.5°	58.4
35°	51.3
37.5°	45.2
40°	39.7
42.5°	35.0
45°	30.9
47.5°	27.2
50°	23.8
52.5°	21.1
55°	18.7
57.5°	16.3
60°	14.3
62.5°	12.2
65°	10.5
67.5°	8.8
70°	7.5
72.5°	6.1
75°	4.8
77.5°	3.4
80°	2.4
82.5°	1.4
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)