

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: P1264258

Luminaire Tested: P3A05R259730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264258
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: P3A05R259730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

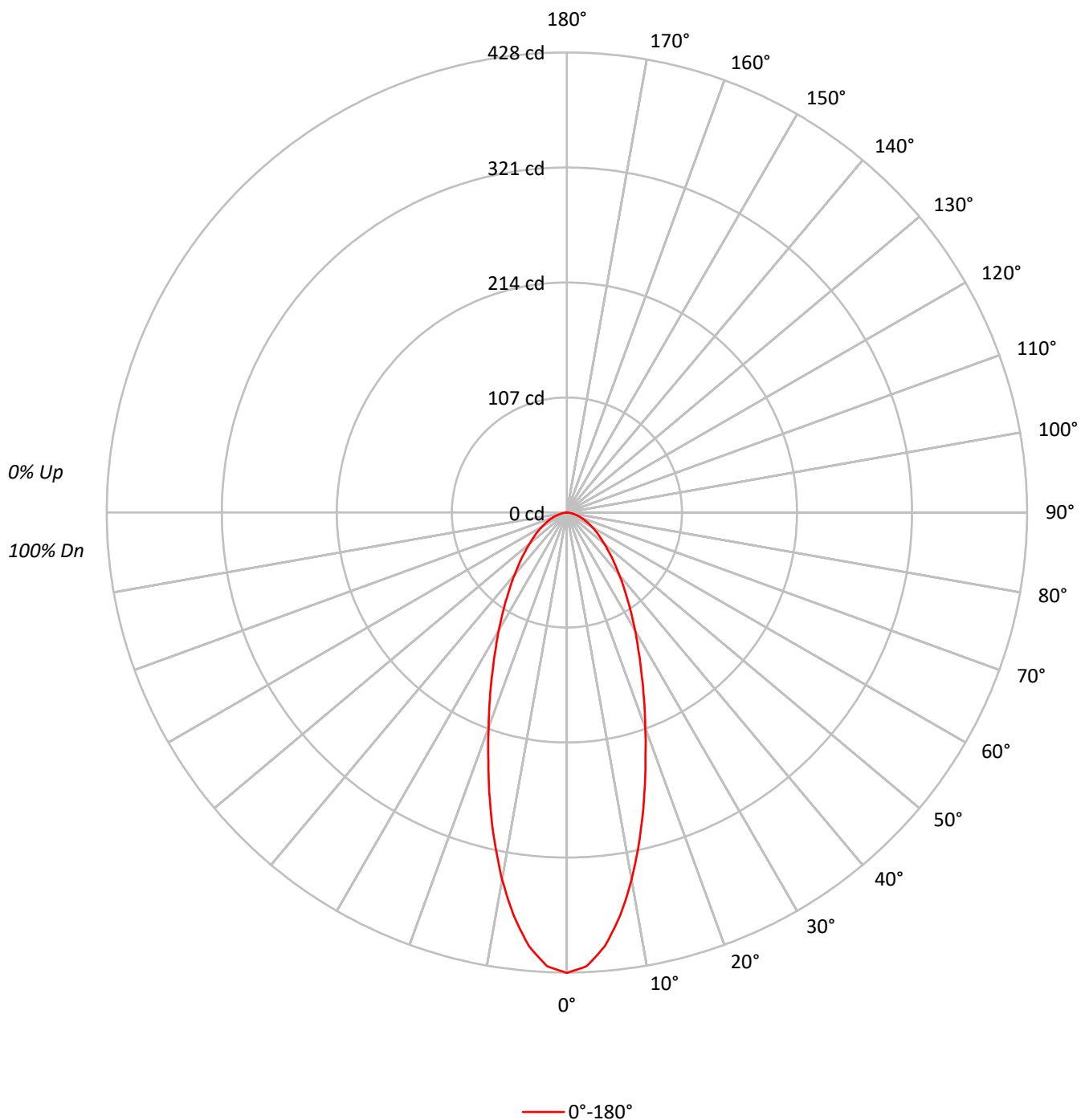
Lumens per Lamp: N/A
Luminaire Lumens: 360.0 lumens
Efficiency: N/A
Efficacy: 50.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	93940
5°	89170
10°	77220
15°	62861
20°	49681
25°	39607
30°	32106
35°	26154
40°	21669
45°	18265
50°	15454
55°	13610
60°	11929
65°	10429
70°	9104
75°	7710
80°	5683
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18265 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.8	10.2
10°-20°	76.8	21.3
20°-30°	75.7	21.0
30°-40°	61.6	17.1
40°-50°	45.7	12.7
50°-60°	31.9	8.9
60°-70°	20.0	5.6
70°-80°	9.6	2.7
80°-90°	1.8	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°	189.3	52.6
0°-40°	250.9	69.7
0°-60°	328.6	91.3
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	405	37
15°	277	77
25°	164	76
35°	98	62
45°	59	46
55°	36	32
65°	20	20
75°	9	10
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	428.4
2.5°	422.5
5°	405.1
7.5°	378.5
10°	346.8
12.5°	311.9
15°	276.9
17.5°	242.7
20°	212.9
22.5°	187.0
25°	163.7
27.5°	143.7
30°	126.8
32.5°	111.3
35°	97.7
37.5°	86.1
40°	75.7
42.5°	66.6
45°	58.9
47.5°	51.8
50°	45.3
52.5°	40.1
55°	35.6
57.5°	31.1
60°	27.2
62.5°	23.3
65°	20.1
67.5°	16.8
70°	14.2
72.5°	11.6
75°	9.1
77.5°	6.5
80°	4.5
82.5°	2.6
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)