

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: P1264637

Luminaire Tested: P3A09R259730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264637
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

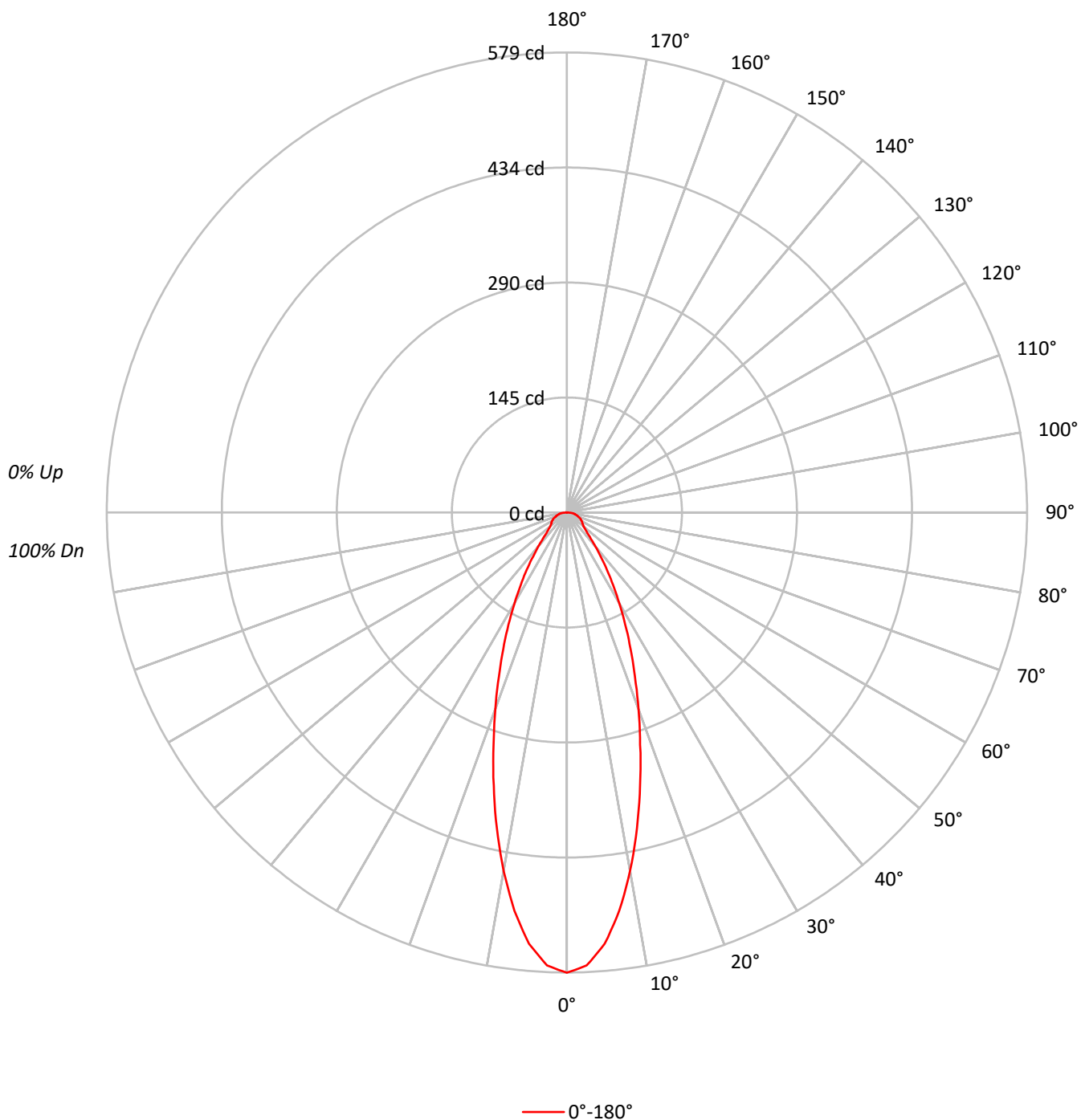
Lumens per Lamp: N/A
Luminaire Lumens: 378.0 lumens
Efficiency: N/A
Efficacy: 34.1 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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					30					10					0
RW	70	50	30	10		70	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
1	112	108	105	102		109	106	103	101		102	100	97		98	96	95		95	93	92
2	105	99	94	90		103	97	93	89		94	90	87		91	88	85		88	85	83
3	99	91	85	80		97	90	84	80		87	82	78		84	80	77		82	79	76
4	93	84	78	73		91	83	77	73		81	76	72		79	74	71		77	73	70
5	88	79	72	67		86	78	71	67		76	70	66		74	69	66		72	68	65
6	84	74	67	62		82	73	66	62		71	66	61		70	65	61		68	64	61
7	79	69	63	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	76	65	59	54		74	65	58	54		63	58	54		62	57	54		61	57	53
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	59	52	48		68	58	52	48		57	52	48		56	51	48		56	51	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	127007
5°	119986
10°	102002
15°	80795
20°	61395
25°	45801
30°	33322
35°	23557
40°	15973
45°	11164
50°	9347
55°	9061
60°	9561
65°	9806
70°	9681
75°	10421
80°	11996
85°	11825

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.2	13.0
10°-20°	98.5	26.1
20°-30°	87.2	23.1
30°-40°	55.5	14.7
40°-50°	29.4	7.8
50°-60°	21.6	5.7
60°-70°	18.4	4.9
70°-80°	13.0	3.4
80°-90°	5.2	1.4
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°	234.9	62.1
0°-40°	290.5	76.8
0°-60°	341.5	90.3
0°-90°	378.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	378.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	579	
5°	545	49
15°	356	98
25°	189	87
35°	88	56
45°	36	29
55°	24	22
65°	19	18
75°	12	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	579.2
2.5°	570.7
5°	545.1
7.5°	505.4
10°	458.1
12.5°	407.0
15°	355.9
17.5°	306.6
20°	263.1
22.5°	223.4
25°	189.3
27.5°	159.0
30°	131.6
32.5°	107.9
35°	88.0
37.5°	70.0
40°	55.8
42.5°	44.5
45°	36.0
47.5°	31.2
50°	27.4
52.5°	25.6
55°	23.7
57.5°	22.7
60°	21.8
62.5°	19.9
65°	18.9
67.5°	17.0
70°	15.1
72.5°	14.2
75°	12.3
77.5°	10.4
80°	9.5
82.5°	7.6
85°	4.7
87.5°	1.9
90°	0.0

(END OF REPORT)