

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: P1264547

Luminaire Tested: P3A09R109730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264547
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R109730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

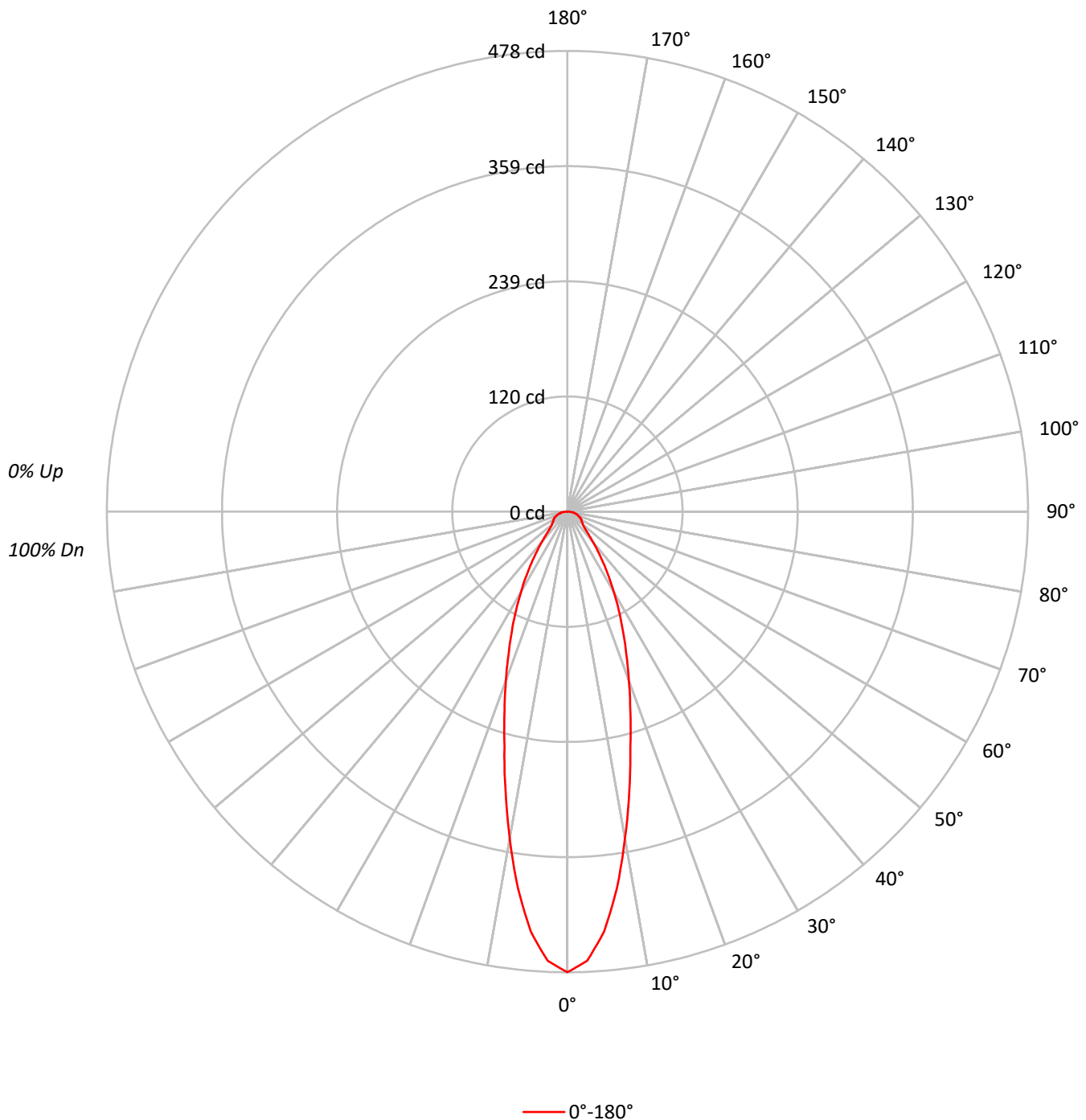
Lumens per Lamp: N/A
Luminaire Lumens: 279.9 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	72		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104794
5°	96236
10°	76663
15°	57299
20°	43520
25°	32954
30°	24383
35°	17427
40°	11908
45°	8342
50°	7096
55°	6958
60°	7236
65°	7627
70°	7758
75°	8049
80°	8713
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10248 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	13.8
10°-20°	70.8	25.3
20°-30°	62.7	22.4
30°-40°	41.1	14.7
40°-50°	22.0	7.8
50°-60°	16.6	5.9
60°-70°	14.3	5.1
70°-80°	9.8	3.5
80°-90°	4.0	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°	172.2	61.5
0°-40°	213.3	76.2
0°-60°	251.8	90.0
0°-90°	279.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	437	39
15°	252	71
25°	136	63
35°	65	41
45°	27	22
55°	18	17
65°	15	14
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	477.9
2.5°	466.6
5°	437.2
7.5°	393.8
10°	344.3
12.5°	296.6
15°	252.4
17.5°	216.8
20°	186.5
22.5°	159.6
25°	136.2
27.5°	115.4
30°	96.3
32.5°	79.8
35°	65.1
37.5°	52.0
40°	41.6
42.5°	33.0
45°	26.9
47.5°	23.4
50°	20.8
52.5°	19.9
55°	18.2
57.5°	17.3
60°	16.5
62.5°	15.6
65°	14.7
67.5°	13.0
70°	12.1
72.5°	10.4
75°	9.5
77.5°	7.8
80°	6.9
82.5°	6.1
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)