

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: P1273003

Luminaire Tested: P3A02R309830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273003
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

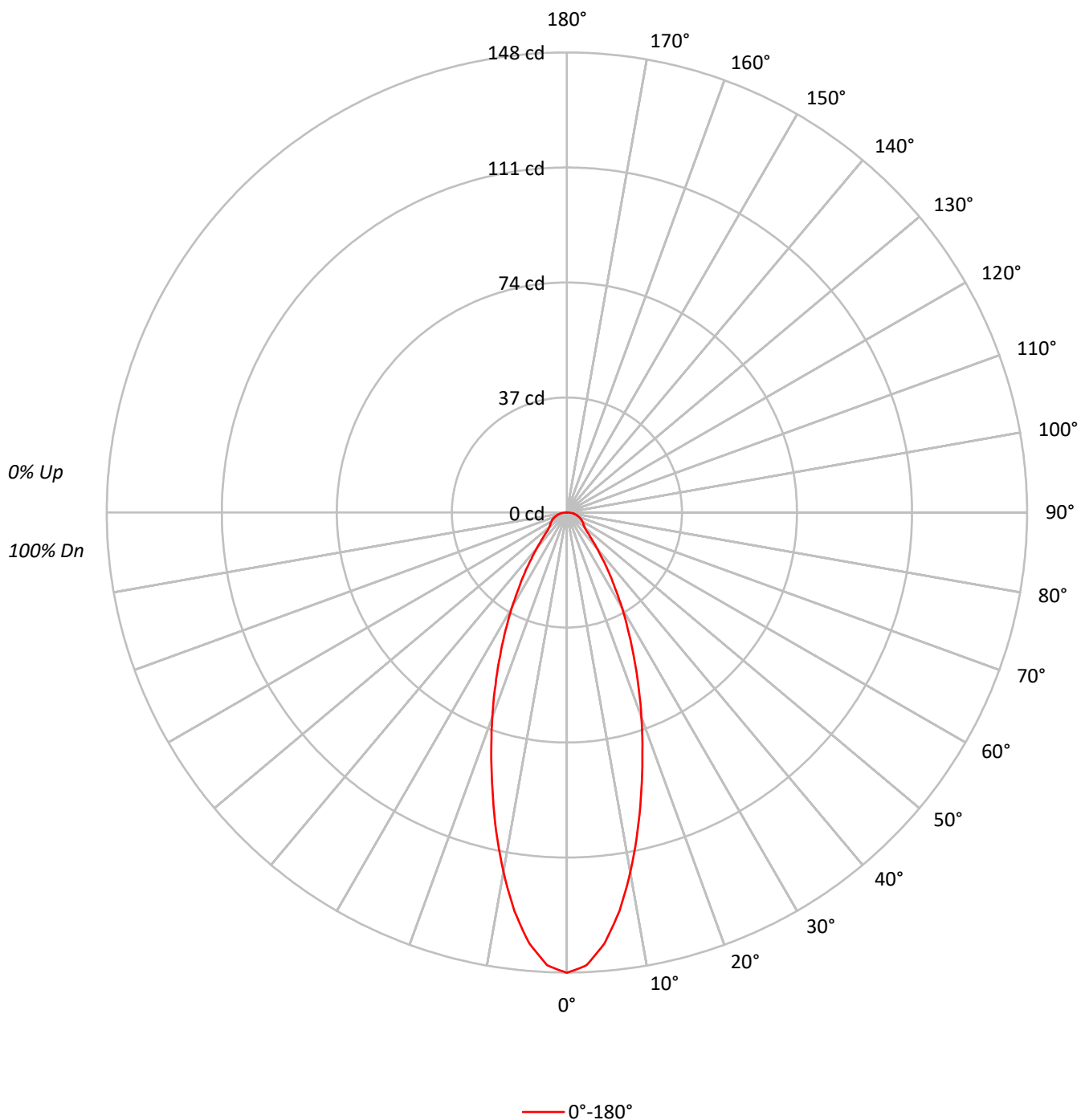
Lumens per Lamp: N/A
Luminaire Lumens: 100.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273003

CATALOG NUMBER: P3A02R309830DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1273003

CATALOG NUMBER: P3A02R309830DE010 E3PHLP1MW

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
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	94	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	96	89	84	80	87	82	78	84	80	77	82	79	76
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70
5	88	78	72	67	86	77	71	66	76	70	66	74	69	65	72	68	65
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32475
5°	30618
10°	26163
15°	20976
20°	16358
25°	12291
30°	8963
35°	6318
40°	4322
45°	3101
50°	2524
55°	2447
60°	2456
65°	2542
70°	2629
75°	2796
80°	2904
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3528 cd/sqm

TEST NUMBER: P1273003

CATALOG NUMBER: P3A02R309830DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	12.6
10°-20°	25.7	25.7
20°-30°	23.4	23.4
30°-40°	14.9	14.9
40°-50°	8.0	8.0
50°-60°	5.8	5.8
60°-70°	4.9	4.9
70°-80°	3.4	3.4
80°-90°	1.4	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°	61.6	61.7
0°-40°	76.5	76.5
0°-60°	90.3	90.3
0°-90°	100.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	100.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	139	13
15°	92	26
25°	51	23
35°	24	15
45°	10	8
55°	6	6
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1273003

CATALOG NUMBER: P3A02R309830DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	148.1
2.5°	145.8
5°	139.1
7.5°	129.3
10°	117.5
12.5°	105.0
15°	92.4
17.5°	80.8
20°	70.1
22.5°	60.0
25°	50.8
27.5°	42.6
30°	35.4
32.5°	28.7
35°	23.6
37.5°	18.7
40°	15.1
42.5°	12.1
45°	10.0
47.5°	8.2
50°	7.4
52.5°	6.9
55°	6.4
57.5°	6.2
60°	5.6
62.5°	5.4
65°	4.9
67.5°	4.6
70°	4.1
72.5°	3.6
75°	3.3
77.5°	2.8
80°	2.3
82.5°	2.1
85°	1.3
87.5°	0.5
90°	0.0

(END OF REPORT)