

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: P1263848

Luminaire Tested: P3A02R259730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263848
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: P3A02R259730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

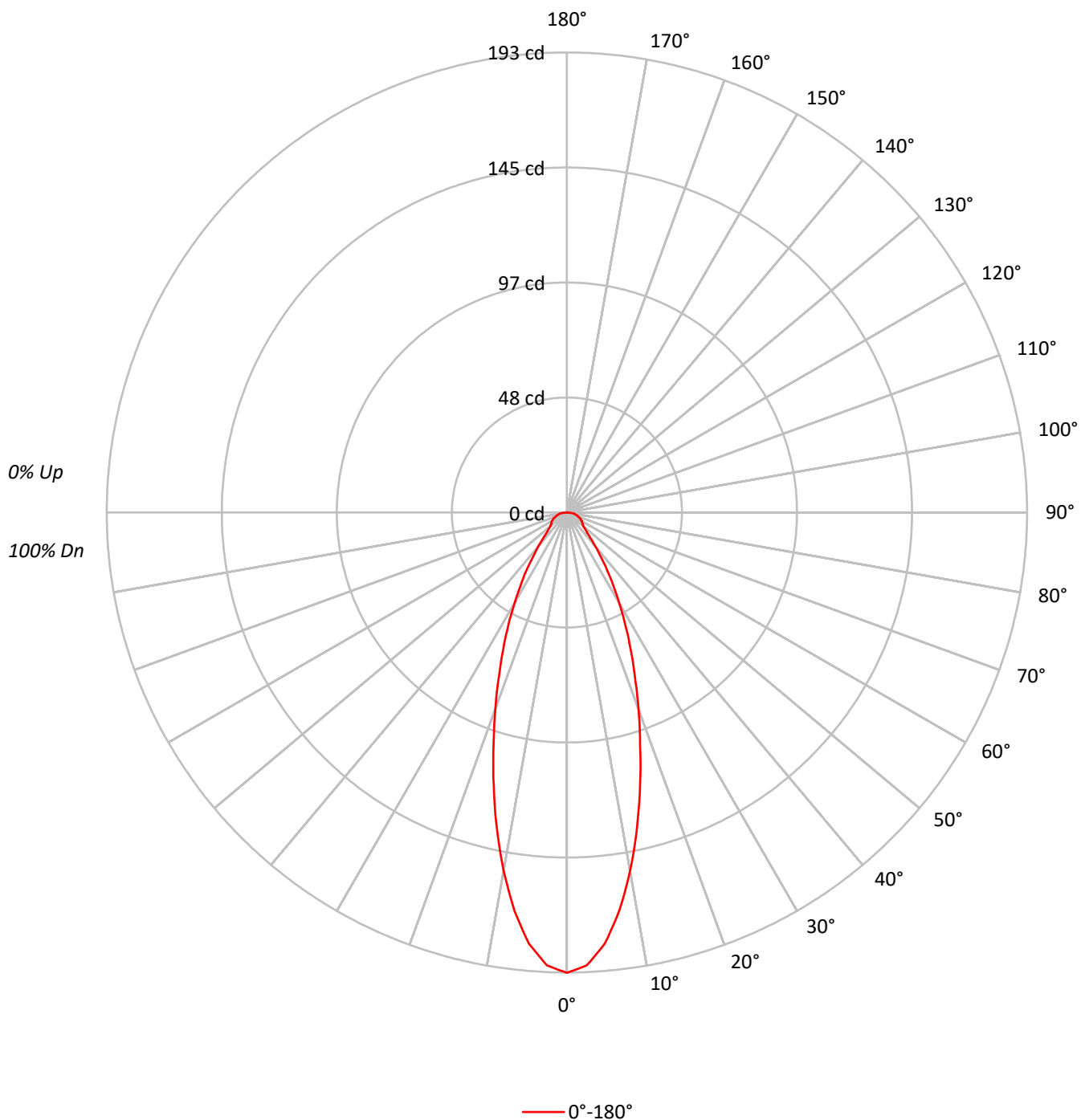
Lumens per Lamp: N/A
Luminaire Lumens: 126.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1263848

CATALOG NUMBER: P3A02R259730DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1263848

CATALOG NUMBER: P3A02R259730DE010 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
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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	42343
5°	39995
10°	34001
15°	26924
20°	20465
25°	15267
30°	11116
35°	7843
40°	5324
45°	3721
50°	3104
55°	3020
60°	3201
65°	3269
70°	3206
75°	3474
80°	4041
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4200 cd/sqm

TEST NUMBER: P1263848

CATALOG NUMBER: P3A02R259730DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	13.0
10°-20°	32.8	26.1
20°-30°	29.1	23.1
30°-40°	18.5	14.7
40°-50°	9.8	7.8
50°-60°	7.2	5.7
60°-70°	6.1	4.9
70°-80°	4.3	3.4
80°-90°	1.7	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°	78.3	62.2
0°-40°	96.8	76.9
0°-60°	113.8	90.3
0°-90°	126.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	126.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	193	
5°	182	16
15°	119	33
25°	63	29
35°	29	19
45°	12	10
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	



TEST NUMBER: P1263848

CATALOG NUMBER: P3A02R259730DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	193.1
2.5°	190.2
5°	181.7
7.5°	168.5
10°	152.7
12.5°	135.7
15°	118.6
17.5°	102.2
20°	87.7
22.5°	74.5
25°	63.1
27.5°	53.0
30°	43.9
32.5°	36.0
35°	29.3
37.5°	23.3
40°	18.6
42.5°	14.8
45°	12.0
47.5°	10.4
50°	9.1
52.5°	8.5
55°	7.9
57.5°	7.6
60°	7.3
62.5°	6.6
65°	6.3
67.5°	5.7
70°	5.0
72.5°	4.7
75°	4.1
77.5°	3.5
80°	3.2
82.5°	2.5
85°	1.6
87.5°	0.6
90°	0.0

(END OF REPORT)