

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: P1255721

Luminaire Tested: P3A24R259035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255721
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: P3A24R259035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

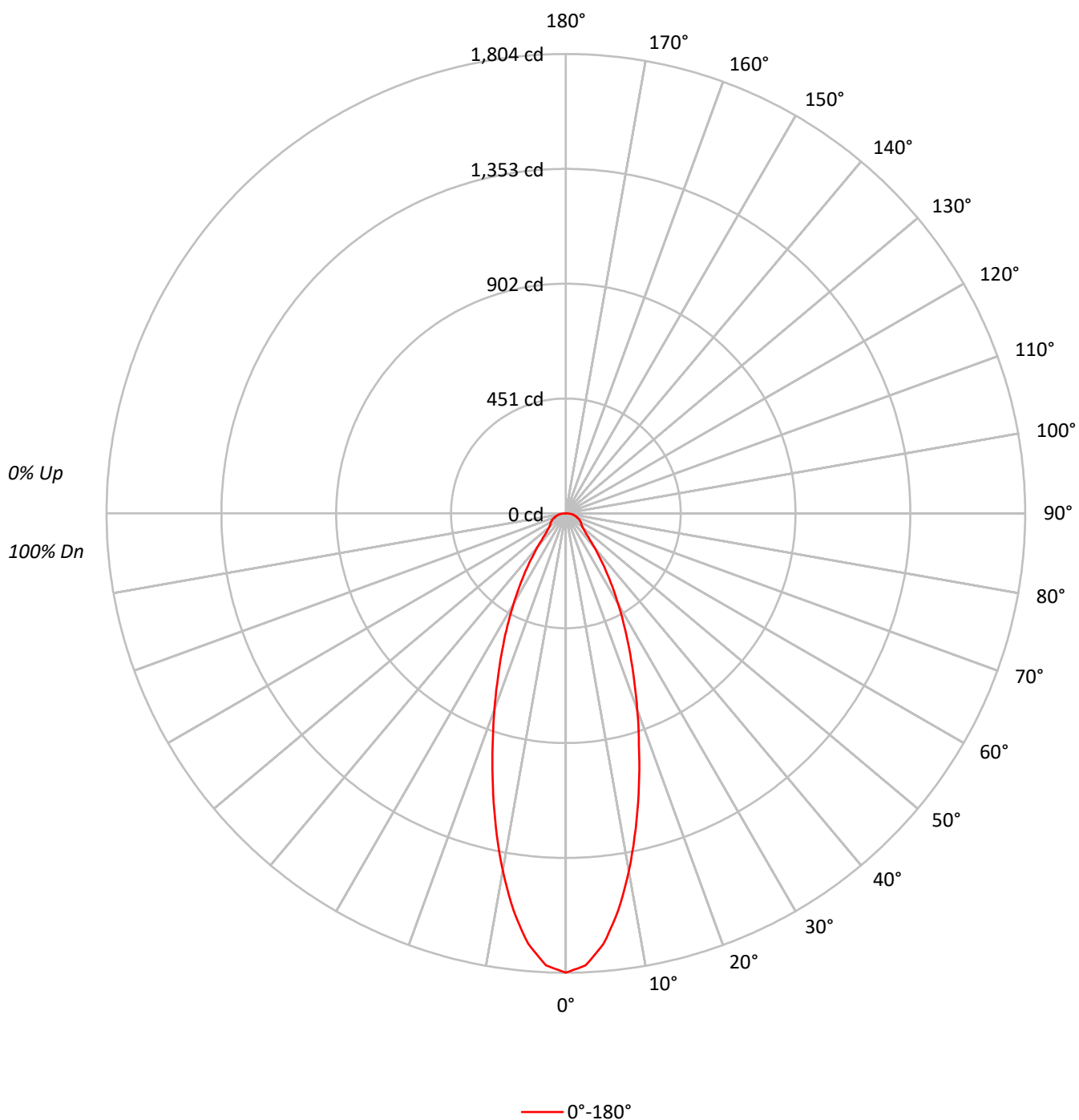
Lumens per Lamp: N/A
Luminaire Lumens: 1177.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	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°	395473
5°	373629
10°	317585
15°	251534
20°	191163
25°	142605
30°	103712
35°	73374
40°	49779
45°	34732
50°	29167
55°	28176
60°	29734
65°	30561
70°	30262
75°	32449
80°	37252
85°	36985

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 39647 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.2	13.0
10°-20°	306.7	26.1
20°-30°	271.6	23.1
30°-40°	173.0	14.7
40°-50°	91.5	7.8
50°-60°	67.3	5.7
60°-70°	57.3	4.9
70°-80°	40.5	3.4
80°-90°	16.0	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°	731.5	62.1
0°-40°	904.5	76.8
0°-60°	1063.3	90.3
0°-90°	1177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1177.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1804	
5°	1697	153
15°	1108	307
25°	589	272
35°	274	173
45°	112	92
55°	74	67
65°	59	57
75°	38	40
85°	15	16
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1803.5
2.5°	1777.0
5°	1697.4
7.5°	1573.6
10°	1426.3
12.5°	1267.2
15°	1108.0
17.5°	954.8
20°	819.2
22.5°	695.5
25°	589.4
27.5°	495.1
30°	409.6
32.5°	335.9
35°	274.1
37.5°	218.1
40°	173.9
42.5°	138.5
45°	112.0
47.5°	97.2
50°	85.5
52.5°	79.6
55°	73.7
57.5°	70.7
60°	67.8
62.5°	61.9
65°	58.9
67.5°	53.0
70°	47.2
72.5°	44.2
75°	38.3
77.5°	32.4
80°	29.5
82.5°	23.6
85°	14.7
87.5°	5.9
90°	0.0

(END OF REPORT)