

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: P1260993

Luminaire Tested: P3AS24R209050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

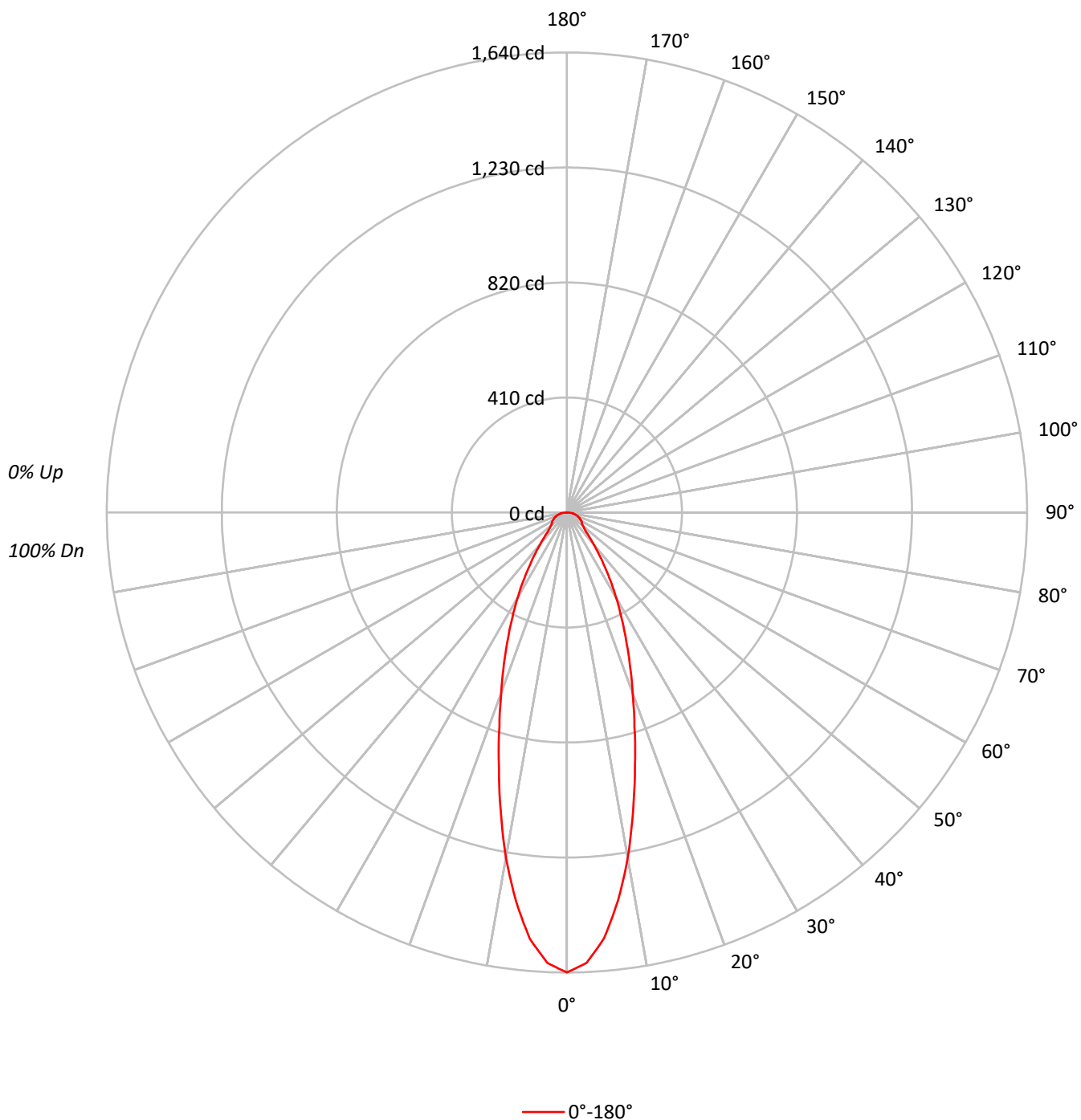
Lumens per Lamp: N/A
Luminaire Lumens: 1011.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	359533
5°	335350
10°	278262
15°	212782
20°	159707
25°	120225
30°	88900
35°	62131
40°	42594
45°	29522
50°	25381
55°	25041
60°	26094
65°	26254
70°	26735
75°	27705
80°	30054
85°	29940

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 34943 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.5	13.5
10°-20°	260.6	25.8
20°-30°	229.3	22.7
30°-40°	148.0	14.6
40°-50°	78.4	7.8
50°-60°	58.9	5.8
60°-70°	50.1	5.0
70°-80°	35.4	3.5
80°-90°	13.8	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°	626.4	62.0
0°-40°	774.4	76.6
0°-60°	911.8	90.2
0°-90°	1011.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1011.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1640	
5°	1524	136
15°	937	261
25°	497	229
35°	232	148
45°	95	78
55°	66	59
65°	51	50
75°	33	35
85°	12	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1639.6
2.5°	1606.8
5°	1523.5
7.5°	1395.6
10°	1249.7
12.5°	1089.1
15°	937.3
17.5°	800.4
20°	684.4
22.5°	586.2
25°	496.9
27.5°	419.6
30°	351.1
32.5°	288.6
35°	232.1
37.5°	187.5
40°	148.8
42.5°	119.0
45°	95.2
47.5°	83.3
50°	74.4
52.5°	68.4
55°	65.5
57.5°	62.5
60°	59.5
62.5°	53.6
65°	50.6
67.5°	47.6
70°	41.7
72.5°	38.7
75°	32.7
77.5°	29.8
80°	23.8
82.5°	20.8
85°	11.9
87.5°	6.0
90°	0.0

(END OF REPORT)