

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: P1250274

Luminaire Tested: P3AS24R209027D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250274
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R209027D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

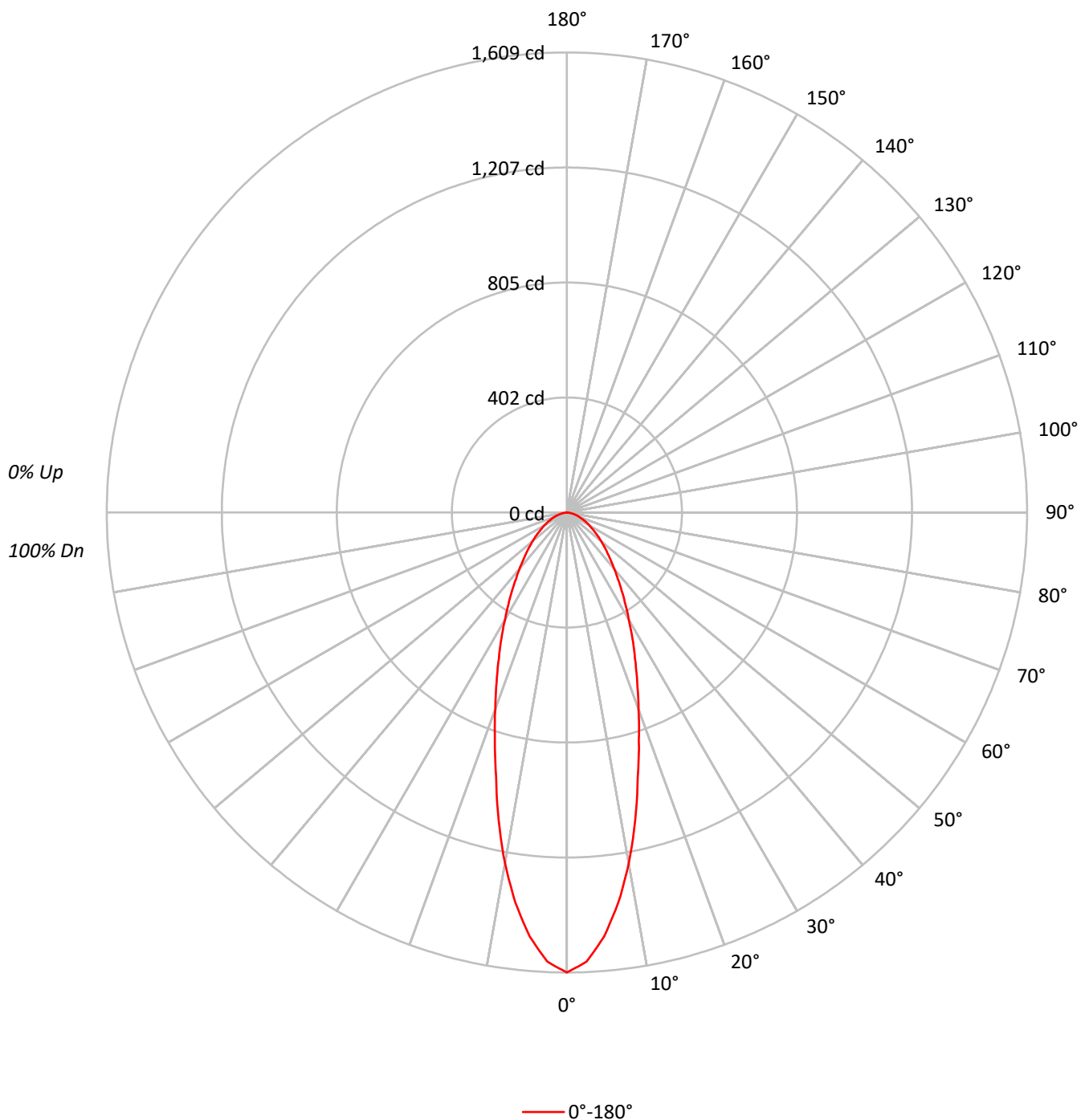
Lumens per Lamp: N/A
Luminaire Lumens: 1244.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	352801
5°	327734
10°	277528
15°	217254
20°	170978
25°	136266
30°	109612
35°	89356
40°	73910
45°	62270
50°	53388
55°	45838
60°	40041
65°	35179
70°	30069
75°	26518
80°	19699
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 62270 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	134.4	10.8
10°-20°	267.9	21.5
20°-30°	260.1	20.9
30°-40°	210.2	16.9
40°-50°	156.2	12.6
50°-60°	108.5	8.7
60°-70°	68.0	5.5
70°-80°	33.0	2.7
80°-90°	5.7	0.5
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°	662.5	53.3
0°-40°	872.7	70.1
0°-60°	1137.4	91.4
0°-90°	1244.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1244.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1609	
5°	1489	134
15°	957	268
25°	563	260
35°	334	210
45°	201	156
55°	120	109
65°	68	68
75°	31	33
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1608.9
2.5°	1572.4
5°	1488.9
7.5°	1376.8
10°	1246.4
12.5°	1103.0
15°	957.0
17.5°	837.0
20°	732.7
22.5°	641.5
25°	563.2
27.5°	495.4
30°	432.9
32.5°	380.7
35°	333.8
37.5°	292.0
40°	258.2
42.5°	226.9
45°	200.8
47.5°	177.3
50°	156.5
52.5°	138.2
55°	119.9
57.5°	104.3
60°	91.3
62.5°	80.8
65°	67.8
67.5°	57.4
70°	46.9
72.5°	39.1
75°	31.3
77.5°	23.5
80°	15.6
82.5°	7.8
85°	5.2
87.5°	0.0
90°	0.0

(END OF REPORT)