

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: P1276420

Luminaire Tested: P3AS17R259835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276420
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

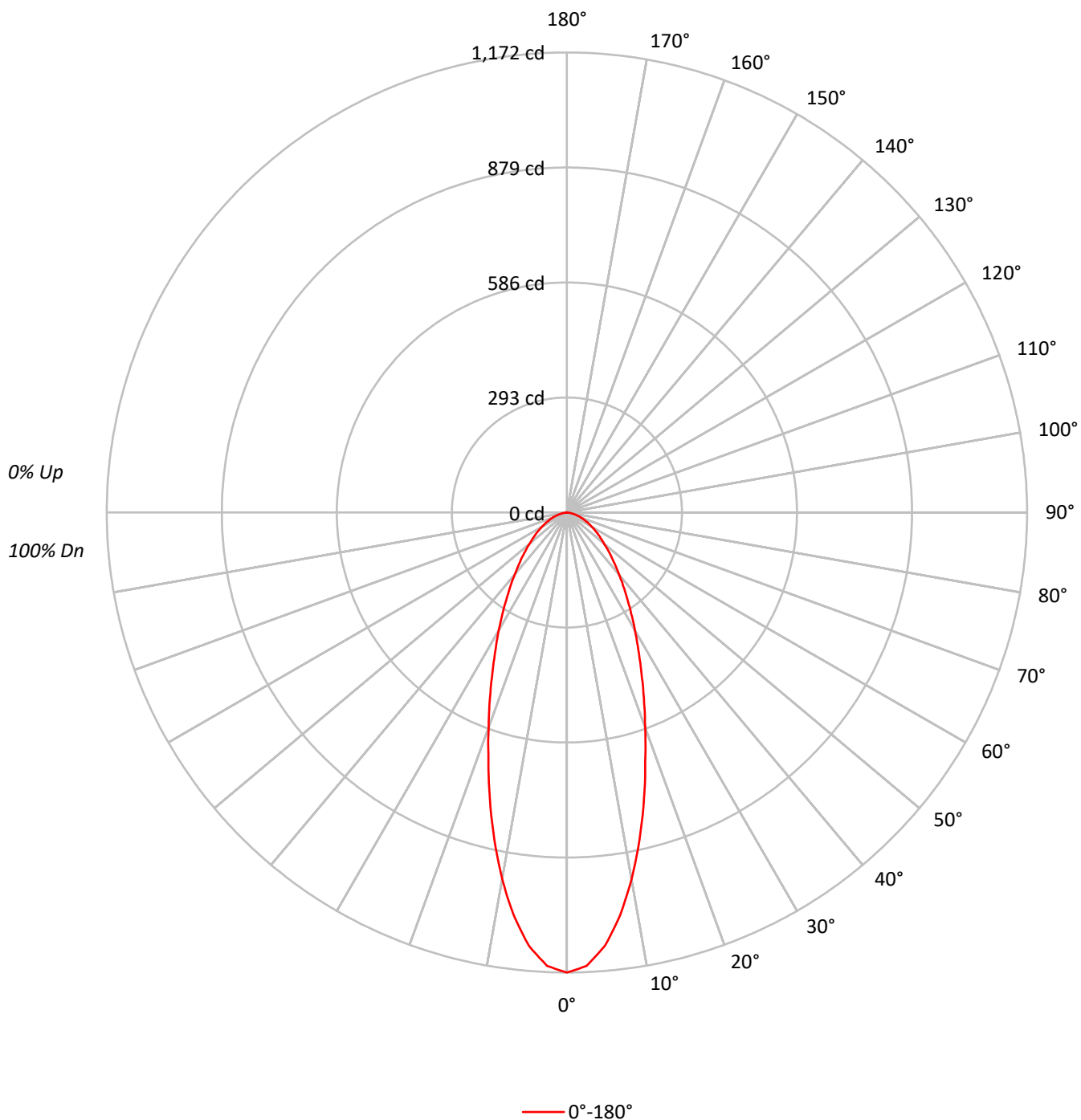
Lumens per Lamp: N/A
Luminaire Lumens: 985.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	256997
5°	243957
10°	211308
15°	172033
20°	135928
25°	108369
30°	87862
35°	71554
40°	59282
45°	49959
50°	42267
55°	37236
60°	32629
65°	28486
70°	25004
75°	21011
80°	15659
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49959 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.6	10.2
10°-20°	210.1	21.3
20°-30°	207.1	21.0
30°-40°	168.6	17.1
40°-50°	125.1	12.7
50°-60°	87.4	8.9
60°-70°	54.7	5.6
70°-80°	26.4	2.7
80°-90°	5.1	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°	517.9	52.6
0°-40°	686.5	69.7
0°-60°	898.9	91.3
0°-90°	985.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	985.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1172	
5°	1108	101
15°	758	210
25°	448	207
35°	267	169
45°	161	125
55°	97	87
65°	55	55
75°	25	26
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1172.0
2.5°	1156.1
5°	1108.3
7.5°	1035.7
10°	949.0
12.5°	853.4
15°	757.8
17.5°	663.9
20°	582.5
22.5°	511.7
25°	447.9
27.5°	393.0
30°	347.0
32.5°	304.5
35°	267.3
37.5°	235.5
40°	207.1
42.5°	182.4
45°	161.1
47.5°	141.6
50°	123.9
52.5°	109.8
55°	97.4
57.5°	85.0
60°	74.4
62.5°	63.7
65°	54.9
67.5°	46.0
70°	39.0
72.5°	31.9
75°	24.8
77.5°	17.7
80°	12.4
82.5°	7.1
85°	3.5
87.5°	1.8
90°	0.0

(END OF REPORT)