

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: P1299894

Luminaire Tested: P3A17R25W2N902750DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299894
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: P3A17R25W2N902750DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

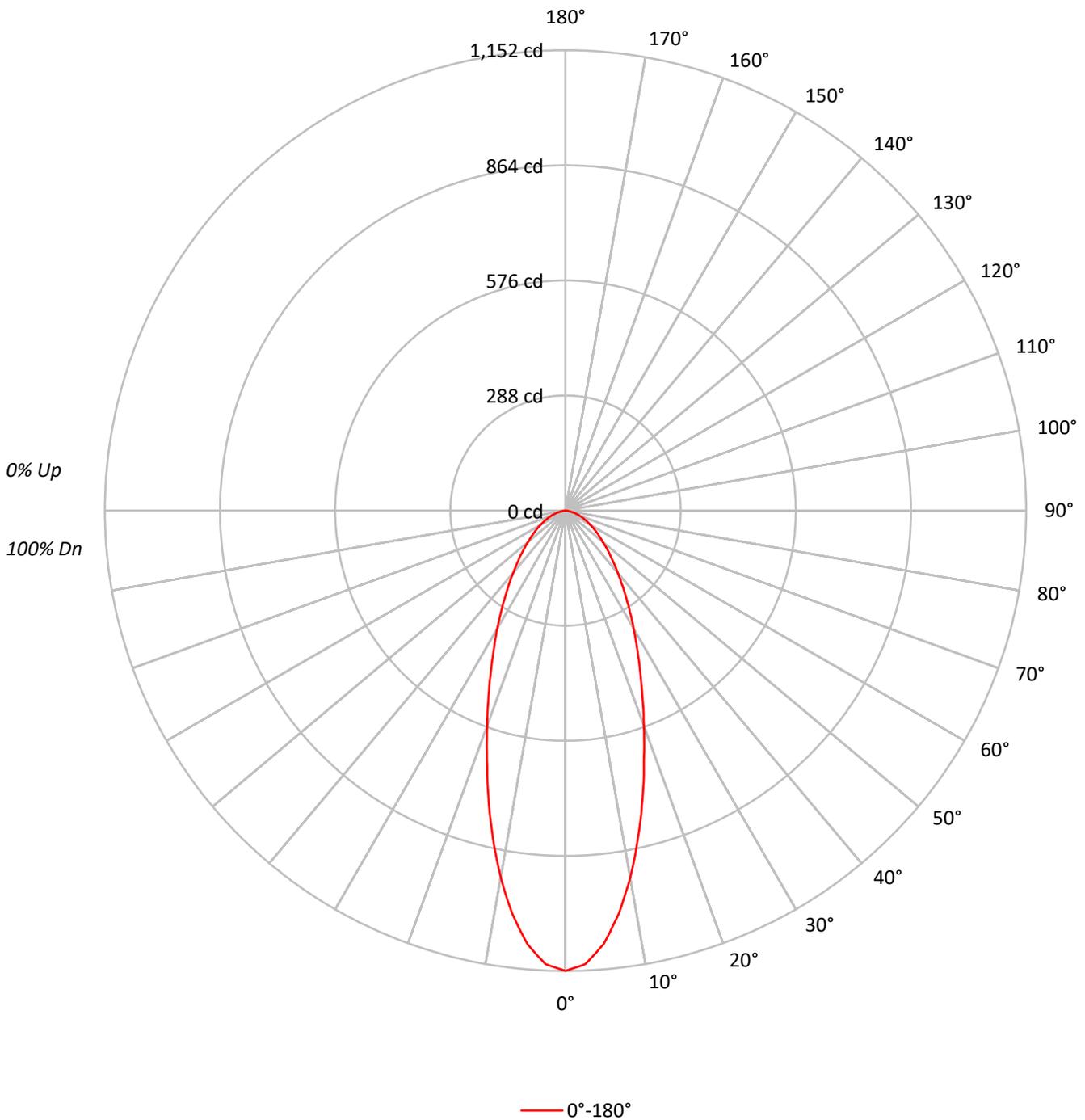
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 968.0 lumens
Efficiency: N/A
Efficacy: 49.9 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): 19.4
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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	252567
5°	239753
10°	207656
15°	169059
20°	133572
25°	106506
30°	86342
35°	70323
40°	58281
45°	49090
50°	41551
55°	36587
60°	32059
65°	27967
70°	24555
75°	20673
80°	15406
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 49090 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.9	10.2
10°-20°	206.5	21.3
20°-30°	203.5	21.0
30°-40°	165.7	17.1
40°-50°	122.9	12.7
50°-60°	85.8	8.9
60°-70°	53.7	5.6
70°-80°	25.9	2.7
80°-90°	5.0	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°	508.9	52.6
0°-40°	674.6	69.7
0°-60°	883.4	91.3
0°-90°	968.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	968.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1152	
5°	1089	99
15°	745	207
25°	440	204
35°	263	166
45°	158	123
55°	96	86
65°	54	54
75°	24	26
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1151.8
2.5°	1136.2
5°	1089.2
7.5°	1017.8
10°	932.6
12.5°	838.6
15°	744.7
17.5°	652.5
20°	572.4
22.5°	502.8
25°	440.2
27.5°	386.3
30°	341.0
32.5°	299.3
35°	262.7
37.5°	231.4
40°	203.6
42.5°	179.2
45°	158.3
47.5°	139.2
50°	121.8
52.5°	107.9
55°	95.7
57.5°	83.5
60°	73.1
62.5°	62.6
65°	53.9
67.5°	45.2
70°	38.3
72.5°	31.3
75°	24.4
77.5°	17.4
80°	12.2
82.5°	7.0
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)