

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: P1299893

Luminaire Tested: P3A17R25W2N902750DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299893
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_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 4000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

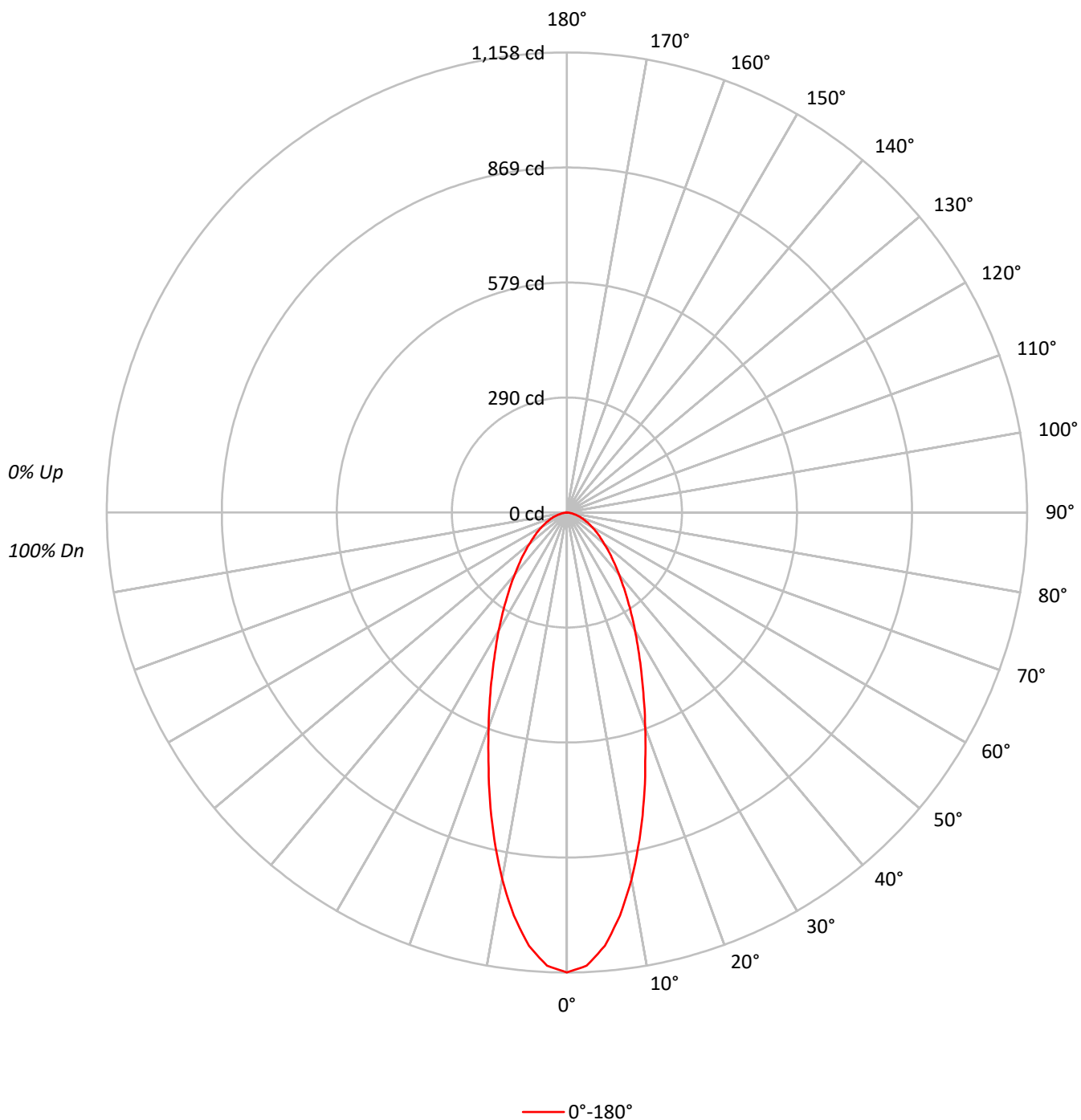
Lumens per Lamp: N/A
Luminaire Lumens: 973.0 lumens
Efficiency: N/A
Efficacy: 50.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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°	253883
5°	240986
10°	208725
15°	169922
20°	134272
25°	107063
30°	86798
35°	70698
40°	58567
45°	49338
50°	41756
55°	36778
60°	32234
65°	28122
70°	24684
75°	20757
80°	15406
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 49338 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.4	10.2
10°-20°	207.6	21.3
20°-30°	204.6	21.0
30°-40°	166.5	17.1
40°-50°	123.6	12.7
50°-60°	86.3	8.9
60°-70°	54.0	5.6
70°-80°	26.0	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°	511.6	52.6
0°-40°	678.1	69.7
0°-60°	887.9	91.3
0°-90°	973.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	973.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1158	
5°	1095	99
15°	748	208
25°	442	205
35°	264	167
45°	159	124
55°	96	86
65°	54	54
75°	24	26
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1157.8
2.5°	1142.0
5°	1094.8
7.5°	1023.1
10°	937.4
12.5°	843.0
15°	748.5
17.5°	655.8
20°	575.4
22.5°	505.4
25°	442.5
27.5°	388.3
30°	342.8
32.5°	300.8
35°	264.1
37.5°	232.6
40°	204.6
42.5°	180.1
45°	159.1
47.5°	139.9
50°	122.4
52.5°	108.4
55°	96.2
57.5°	83.9
60°	73.5
62.5°	63.0
65°	54.2
67.5°	45.5
70°	38.5
72.5°	31.5
75°	24.5
77.5°	17.5
80°	12.2
82.5°	7.0
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)