

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: P1300080

Luminaire Tested: P3A17R25W2N902765DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300080
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: P3A17R25W2N902765DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

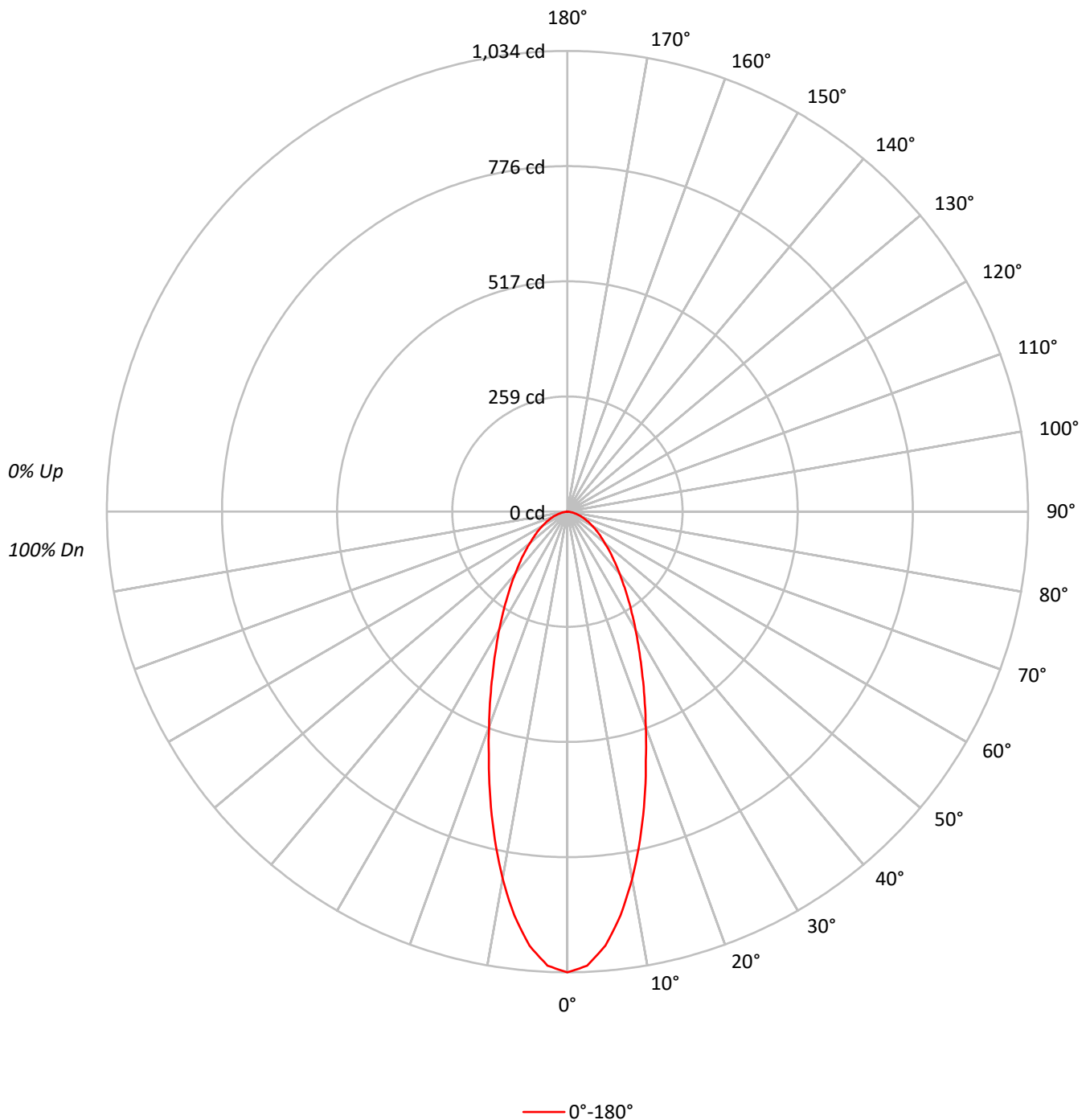
Lumens per Lamp: N/A
Luminaire Lumens: 869.0 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	226736
5°	215232
10°	186414
15°	151760
20°	119920
25°	95618
30°	77506
35°	63149
40°	52298
45°	44067
50°	37287
55°	32840
60°	28770
65°	25113
70°	22055
75°	18554
80°	13764
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44067 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.8	10.2
10°-20°	185.4	21.3
20°-30°	182.7	21.0
30°-40°	148.7	17.1
40°-50°	110.4	12.7
50°-60°	77.0	8.9
60°-70°	48.2	5.6
70°-80°	23.2	2.7
80°-90°	4.4	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°	456.9	52.6
0°-40°	605.6	69.7
0°-60°	793.0	91.3
0°-90°	869.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	869.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1034	
5°	978	89
15°	668	185
25°	395	183
35°	236	149
45°	142	110
55°	86	77
65°	48	48
75°	22	23
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1034.0
2.5°	1020.0
5°	977.8
7.5°	913.7
10°	837.2
12.5°	752.9
15°	668.5
17.5°	585.7
20°	513.9
22.5°	451.4
25°	395.2
27.5°	346.8
30°	306.1
32.5°	268.7
35°	235.9
37.5°	207.7
40°	182.7
42.5°	160.9
45°	142.1
47.5°	125.0
50°	109.3
52.5°	96.8
55°	85.9
57.5°	75.0
60°	65.6
62.5°	56.2
65°	48.4
67.5°	40.6
70°	34.4
72.5°	28.1
75°	21.9
77.5°	15.6
80°	10.9
82.5°	6.2
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)