

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: P1288505

Luminaire Tested: P3A05R25W2N902750DE010 E3PHLD1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288505
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: P3A05R25W2N902750DE010 E3PHLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

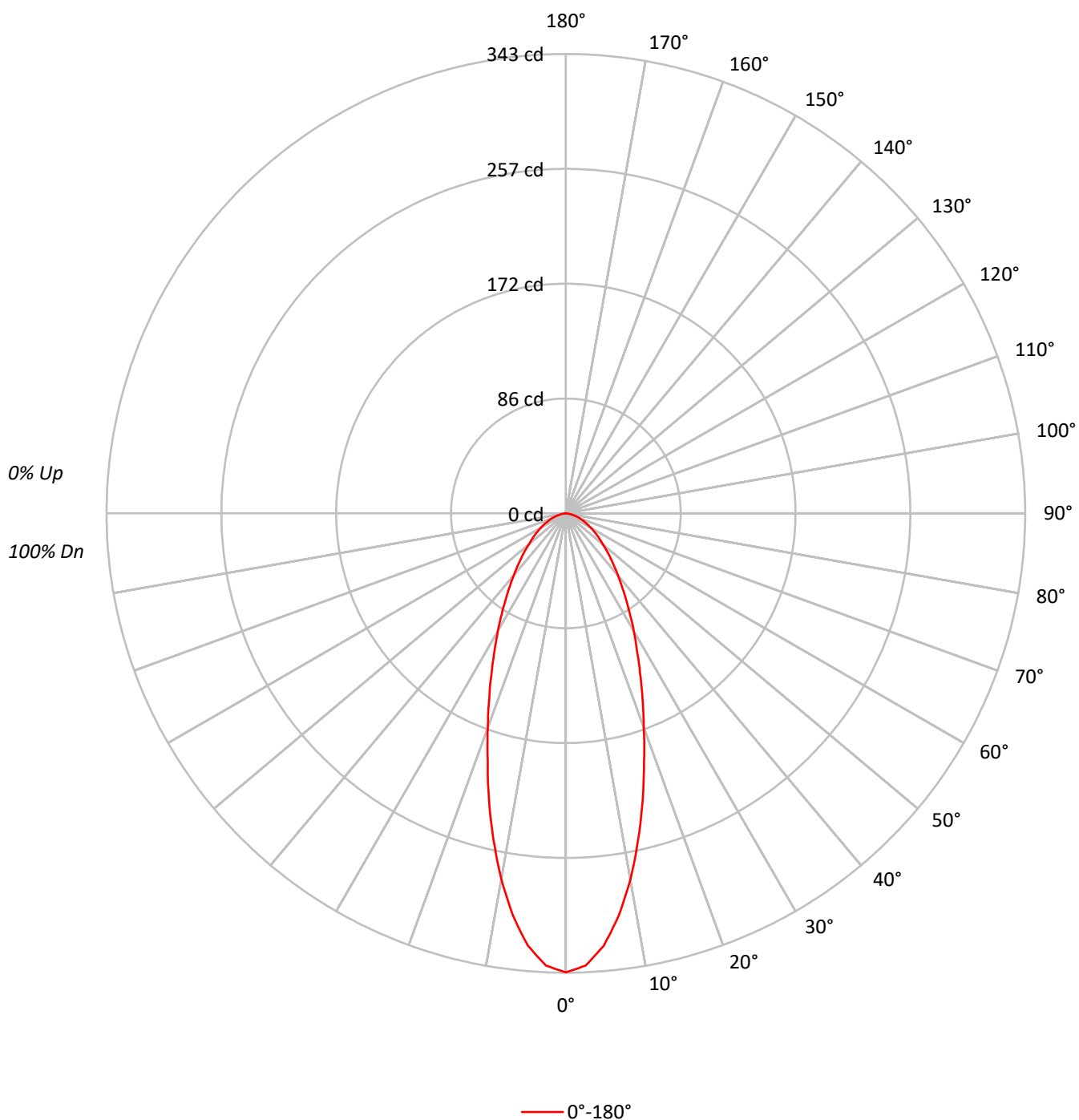
Lumens per Lamp: N/A
Luminaire Lumens: 287.9 lumens
Efficiency: N/A
Efficacy: 48.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	50	30	10
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	98	89	83	78	95	88	82	78	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	53	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	75147
5°	71340
10°	61789
15°	50307
20°	39740
25°	31695
30°	25700
35°	20934
40°	17347
45°	14606
50°	12349
55°	10896
60°	9517
65°	8302
70°	7309
75°	6100
80°	4546
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 14606 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.4	10.2
10°-20°	61.4	21.3
20°-30°	60.6	21.0
30°-40°	49.3	17.1
40°-50°	36.6	12.7
50°-60°	25.5	8.9
60°-70°	16.0	5.5
70°-80°	7.7	2.7
80°-90°	1.5	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°	151.4	52.6
0°-40°	200.7	69.7
0°-60°	262.8	91.3
0°-90°	287.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	287.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	343	
5°	324	29
15°	222	61
25°	131	61
35°	78	49
45°	47	37
55°	28	26
65°	16	16
75°	7	8
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	342.7
2.5°	338.0
5°	324.1
7.5°	302.8
10°	277.5
12.5°	249.5
15°	221.6
17.5°	194.1
20°	170.3
22.5°	149.6
25°	131.0
27.5°	114.9
30°	101.5
32.5°	89.0
35°	78.2
37.5°	68.8
40°	60.6
42.5°	53.3
45°	47.1
47.5°	41.4
50°	36.2
52.5°	32.1
55°	28.5
57.5°	24.8
60°	21.7
62.5°	18.6
65°	16.0
67.5°	13.5
70°	11.4
72.5°	9.3
75°	7.2
77.5°	5.2
80°	3.6
82.5°	2.1
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)