

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: P1287870

Luminaire Tested: P3A05R15W2N902750DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287870
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3PHLD1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

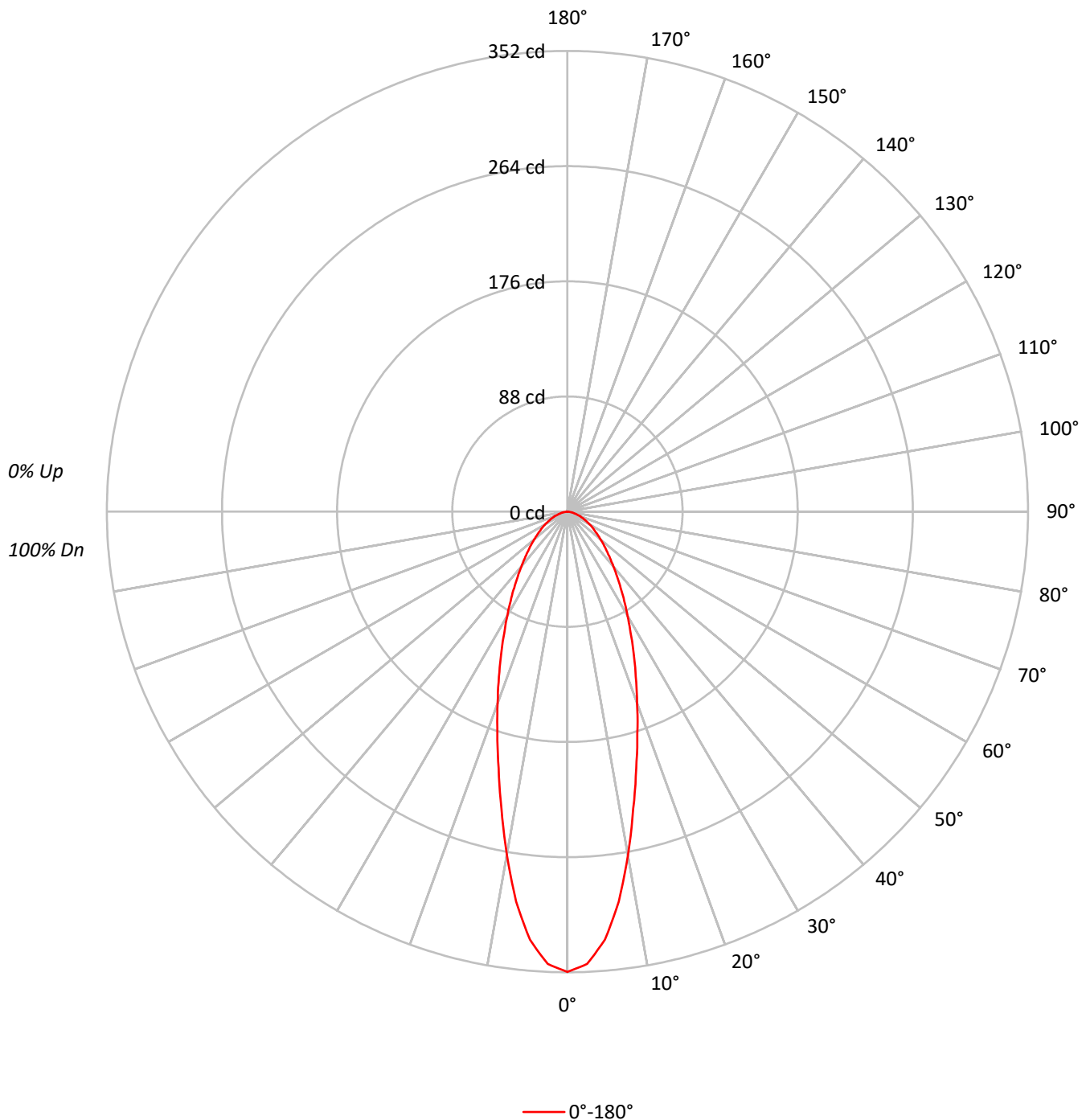
Lumens per Lamp: N/A
Luminaire Lumens: 265.0 lumens
Efficiency: N/A
Efficacy: 44.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	101	102	100	97	98	96	95	95	93	92	90		
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	80		
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72		
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66		
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60		
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55		
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51		
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47		
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	44		
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77121
5°	72287
10°	59273
15°	46062
20°	36356
25°	28961
30°	23244
35°	18979
40°	15629
45°	13149
50°	11292
55°	9787
60°	8684
65°	7524
70°	6732
75°	5422
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13149 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.3	11.1
10°-20°	56.8	21.4
20°-30°	55.2	20.8
30°-40°	44.6	16.8
40°-50°	33.1	12.5
50°-60°	23.2	8.7
60°-70°	14.5	5.5
70°-80°	6.9	2.6
80°-90°	1.3	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°	141.4	53.4
0°-40°	186.0	70.2
0°-60°	242.3	91.4
0°-90°	265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	352	
5°	328	29
15°	203	57
25°	120	55
35°	71	45
45°	42	33
55°	26	23
65°	14	15
75°	6	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	351.7
2.5°	345.9
5°	328.4
7.5°	300.5
10°	266.2
12.5°	232.5
15°	202.9
17.5°	177.9
20°	155.8
22.5°	136.6
25°	119.7
27.5°	104.6
30°	91.8
32.5°	80.8
35°	70.9
37.5°	62.2
40°	54.6
42.5°	48.2
45°	42.4
47.5°	37.8
50°	33.1
52.5°	29.1
55°	25.6
57.5°	22.7
60°	19.8
62.5°	16.9
65°	14.5
67.5°	12.2
70°	10.5
72.5°	8.1
75°	6.4
77.5°	4.7
80°	3.5
82.5°	1.7
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)