

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: P1295462

Luminaire Tested: P3A13R15W2N902750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295462
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

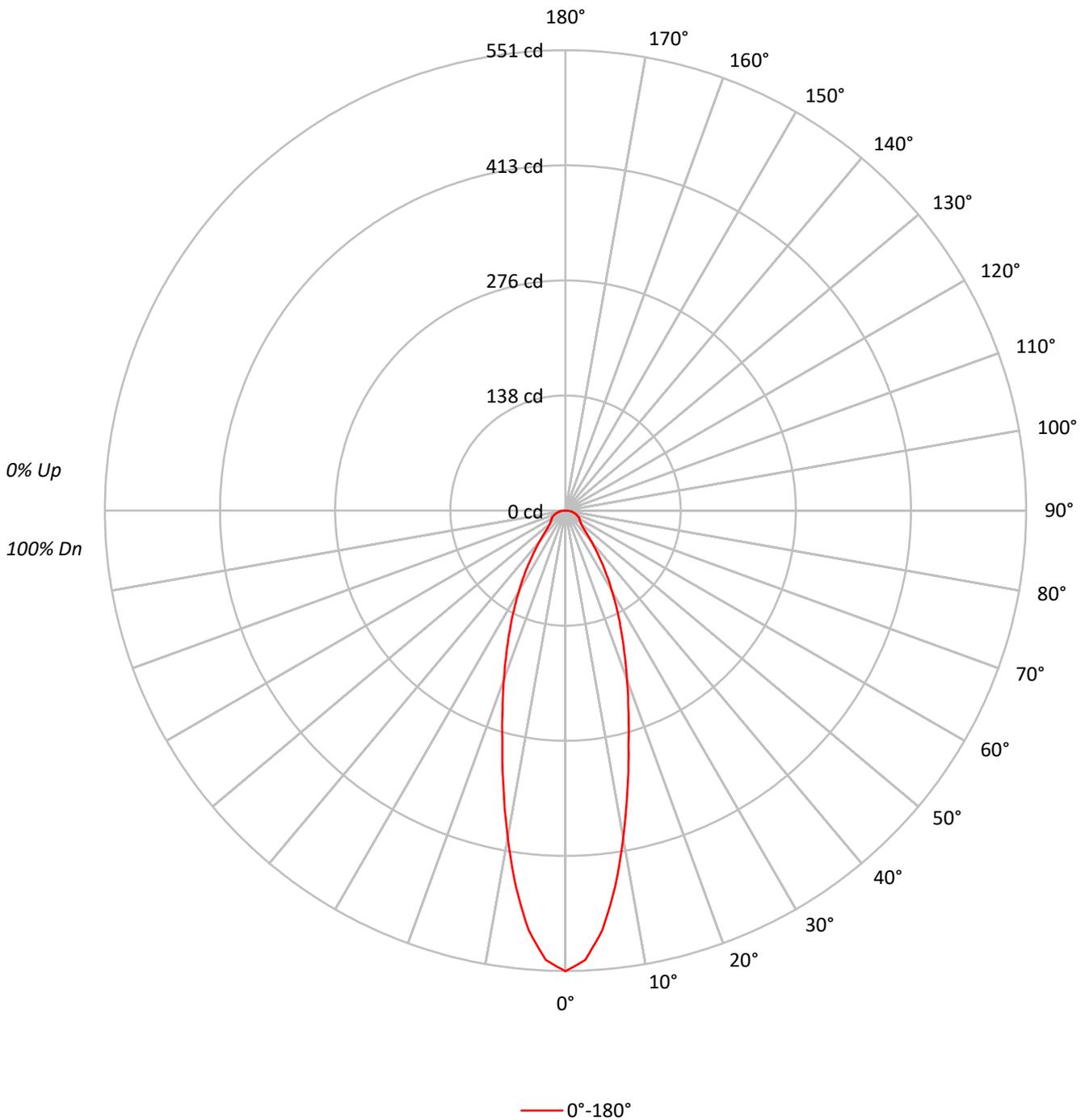
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 323.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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	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	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81		
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74		
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68		
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49		
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120889
5°	111006
10°	88442
15°	66107
20°	50194
25°	38010
30°	28131
35°	20077
40°	13740
45°	9613
50°	8187
55°	8028
60°	8333
65°	8821
70°	8976
75°	9320
80°	10102
85°	10064

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 11760 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	13.8
10°-20°	81.7	25.3
20°-30°	72.4	22.4
30°-40°	47.4	14.7
40°-50°	25.3	7.8
50°-60°	19.1	5.9
60°-70°	16.5	5.1
70°-80°	11.3	3.5
80°-90°	4.6	1.4
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°	198.7	61.5
0°-40°	246.1	76.2
0°-60°	290.5	90.0
0°-90°	323.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	323.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	551	
5°	504	45
15°	291	82
25°	157	72
35°	75	47
45°	31	25
55°	21	19
65°	17	16
75°	11	11
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	551.3
2.5°	538.3
5°	504.3
7.5°	454.3
10°	397.2
12.5°	342.2
15°	291.2
17.5°	250.1
20°	215.1
22.5°	184.1
25°	157.1
27.5°	133.1
30°	111.1
32.5°	92.1
35°	75.0
37.5°	60.0
40°	48.0
42.5°	38.0
45°	31.0
47.5°	27.0
50°	24.0
52.5°	23.0
55°	21.0
57.5°	20.0
60°	19.0
62.5°	18.0
65°	17.0
67.5°	15.0
70°	14.0
72.5°	12.0
75°	11.0
77.5°	9.0
80°	8.0
82.5°	7.0
85°	4.0
87.5°	2.0
90°	0.0

(END OF REPORT)