

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: P1295651

Luminaire Tested: P3A13R15W2N902765DE010 E3PHLD1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295651
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: P3A13R15W2N902765DE010 E3PHLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

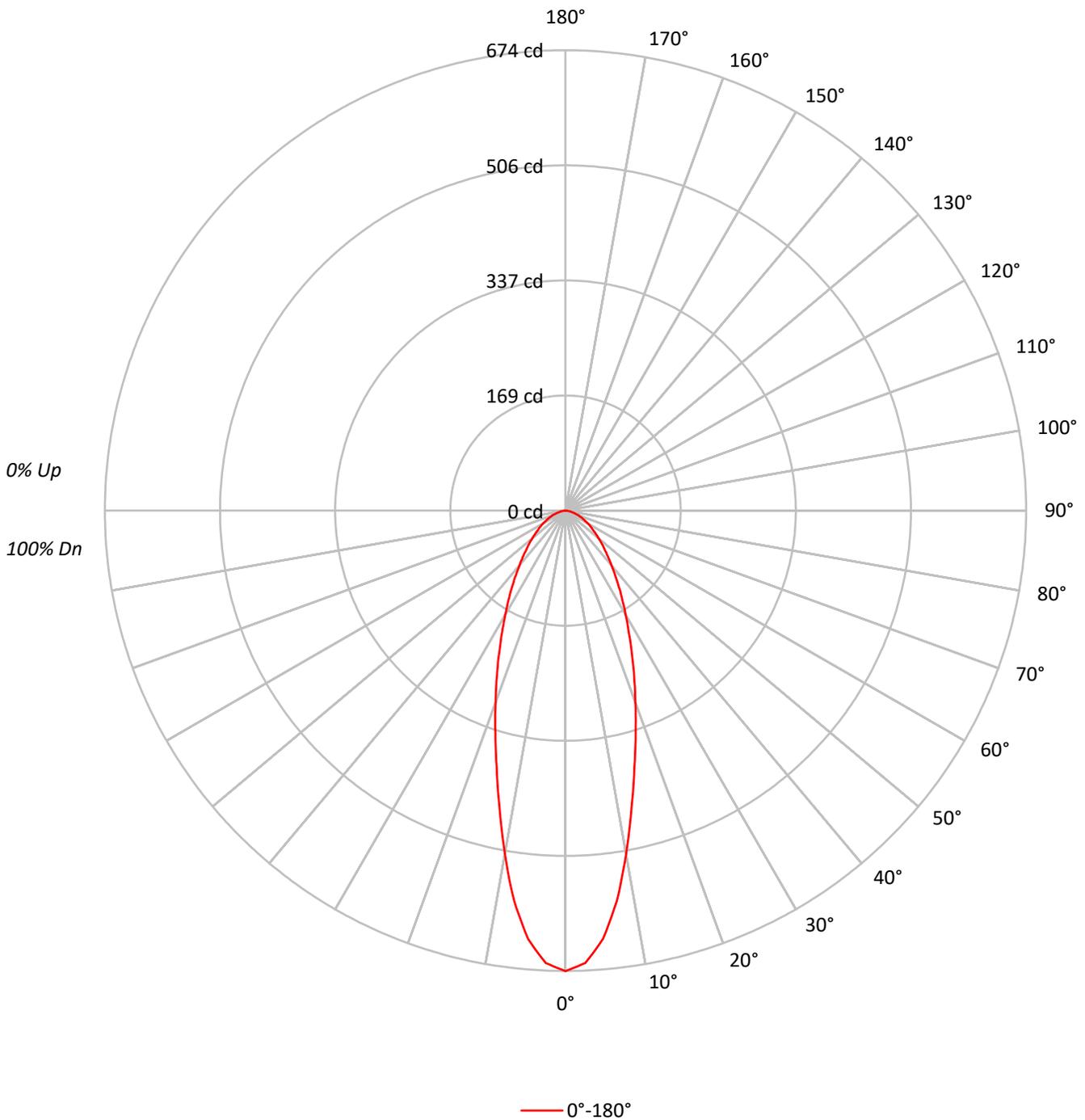
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 508.0 lumens
Efficiency: N/A
Efficacy: 41.3 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): 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	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	84	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	71	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	47	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°	147839
5°	138586
10°	113647
15°	88287
20°	69679
25°	55527
30°	44589
35°	36379
40°	29970
45°	25212
50°	21662
55°	18733
60°	16621
65°	14476
70°	12887
75°	10421
80°	8461
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25212 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.2	11.1
10°-20°	108.9	21.4
20°-30°	105.9	20.8
30°-40°	85.6	16.8
40°-50°	63.5	12.5
50°-60°	44.4	8.7
60°-70°	27.8	5.5
70°-80°	13.2	2.6
80°-90°	2.4	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°	271.0	53.4
0°-40°	356.6	70.2
0°-60°	464.5	91.4
0°-90°	508.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	508.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	674	
5°	630	56
15°	389	109
25°	230	106
35°	136	86
45°	81	64
55°	49	44
65°	28	28
75°	12	13
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	674.2
2.5°	663.0
5°	629.6
7.5°	576.1
10°	510.4
12.5°	445.7
15°	388.9
17.5°	341.0
20°	298.6
22.5°	261.9
25°	229.5
27.5°	200.6
30°	176.1
32.5°	154.9
35°	135.9
37.5°	119.2
40°	104.7
42.5°	92.5
45°	81.3
47.5°	72.4
50°	63.5
52.5°	55.7
55°	49.0
57.5°	43.5
60°	37.9
62.5°	32.3
65°	27.9
67.5°	23.4
70°	20.1
72.5°	15.6
75°	12.3
77.5°	8.9
80°	6.7
82.5°	3.3
85°	2.2
87.5°	0.0
90°	0.0

(END OF REPORT)