

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: P1300240

Luminaire Tested: P3A17R30W2N902750DE010 E3PH1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300240
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3PH1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

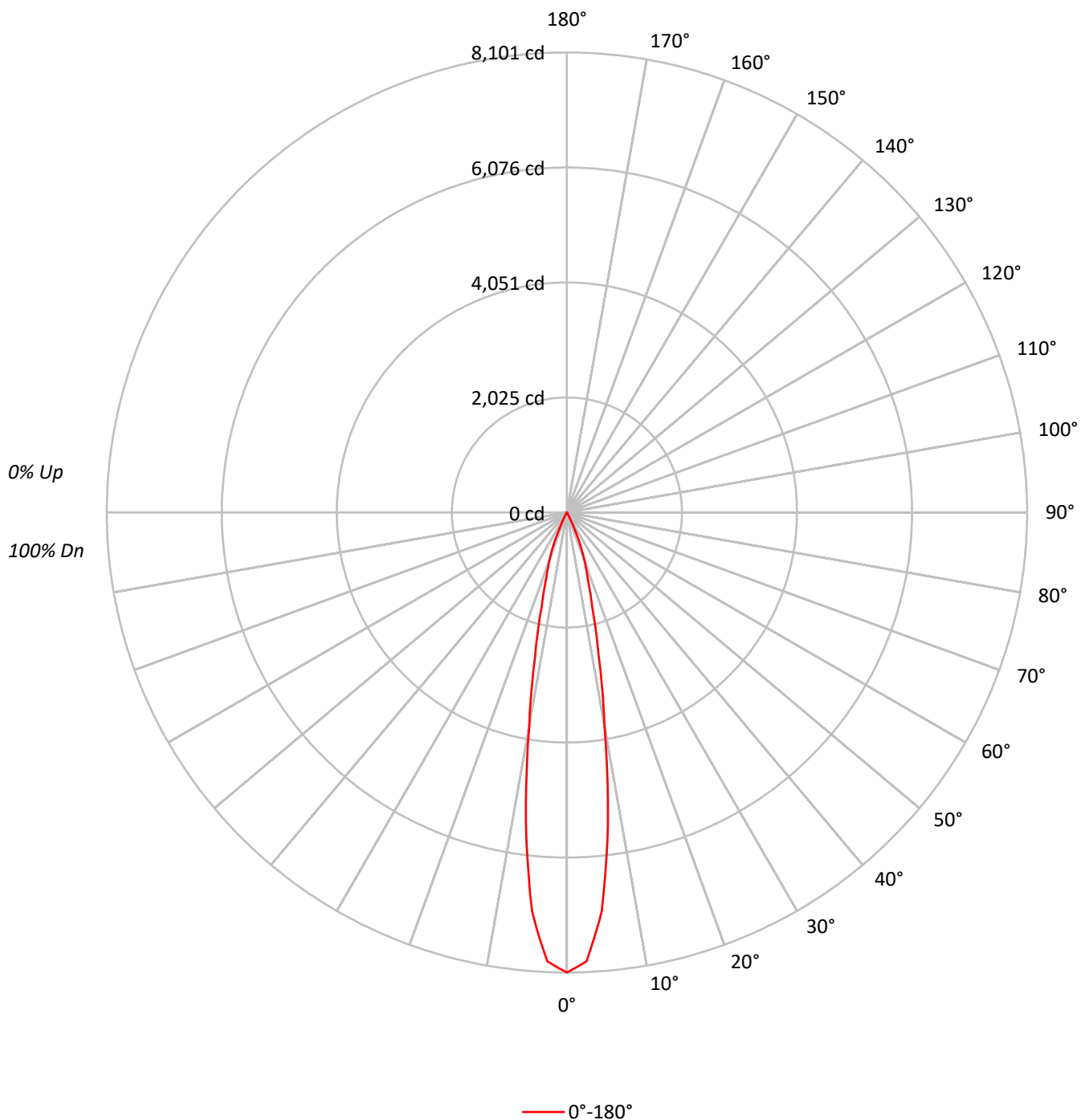
Lumens per Lamp: N/A
Luminaire Lumens: 1248.0 lumens
Efficiency: N/A
Efficacy: 64.3 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			
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	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97		
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95		
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93		
4	106	101	98	95	105	100	97	95	98	96	94	97	94	92	95	93	91	90		
5	104	98	95	92	102	97	94	91	96	93	91	94	92	90	93	91	89	88		
6	101	95	92	89	100	95	91	89	94	91	88	92	90	88	91	89	87	86		
7	99	93	89	87	98	92	89	86	91	88	86	90	88	86	89	87	85	84		
8	96	91	87	84	96	90	87	84	89	86	84	88	86	84	88	85	83	83		
9	94	89	85	82	94	88	85	82	87	84	82	87	84	82	86	84	82	81		
10	92	87	83	81	92	86	83	81	86	82	80	85	82	80	84	82	80	79		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1776349
5°	1551680
10°	851242
15°	391625
20°	211092
25°	71544
30°	9293
35°	1392
40°	487
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	564.8	45.3
10°-20°	517.6	41.5
20°-30°	159.2	12.8
30°-40°	6.0	0.5
40°-50°	0.5	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1241.5	99.5
0°-40°	1247.5	100.0
0°-60°	1248.0	100.0
0°-90°	1248.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1248.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8101	
5°	7049	565
15°	1725	518
25°	296	159
35°	5	6
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	8100.8
2.5°	7911.9
5°	7049.3
7.5°	5530.6
10°	3823.0
12.5°	2587.7
15°	1725.1
17.5°	1209.0
20°	904.6
22.5°	608.9
25°	295.7
27.5°	108.5
30°	36.7
32.5°	12.2
35°	5.2
37.5°	3.5
40°	1.7
42.5°	1.7
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)