

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: P1300237

Luminaire Tested: P3A17R30W2N902750DE010 E3PH1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300237
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

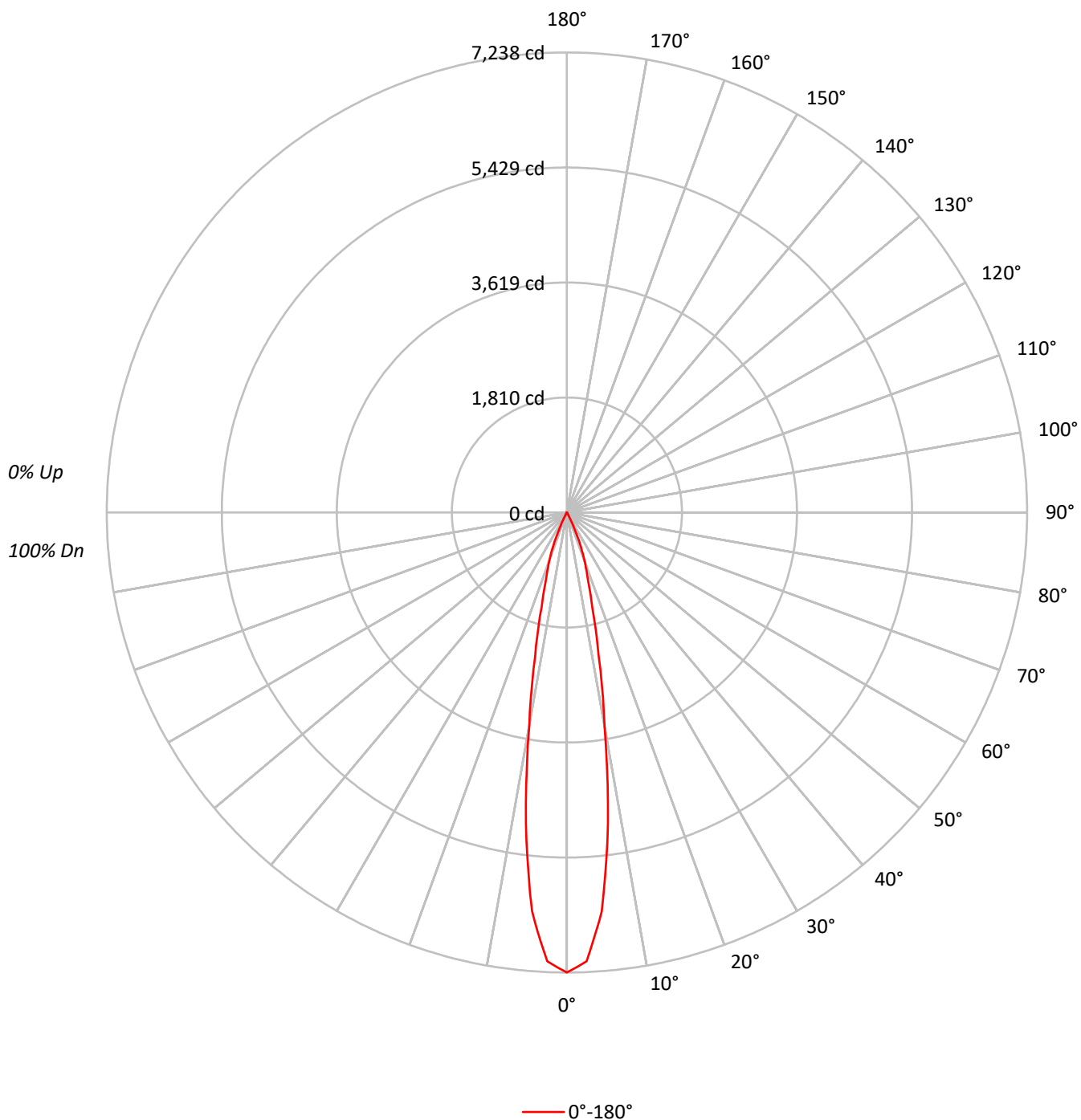
Lumens per Lamp: N/A
Luminaire Lumens: 1115.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	98	96	94	97	94	92	95	93	91	90	90	90
5	104	98	95	92	102	97	94	91	96	93	91	94	92	90	93	91	89	88	88	88
6	101	95	92	89	100	95	91	89	94	91	88	92	90	88	91	89	87	86	86	86
7	99	93	89	87	98	92	89	86	91	88	86	90	88	86	89	87	85	84	84	84
8	96	91	87	84	96	90	87	84	89	86	84	88	86	84	88	85	83	83	83	83
9	94	89	85	82	94	88	85	82	87	84	82	87	84	82	86	84	82	81	81	81
10	92	87	83	81	92	86	83	81	86	82	80	85	82	80	84	82	80	79	79	79

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1587044
5°	1386327
10°	760529
15°	349900
20°	188596
25°	63923
30°	8305
35°	1258
40°	458
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°	504.6	45.3
10°-20°	462.4	41.5
20°-30°	142.2	12.8
30°-40°	5.3	0.5
40°-50°	0.4	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°	1109.2	99.5
0°-40°	1114.6	100.0
0°-60°	1115.0	100.0
0°-90°	1115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	7238	
5°	6298	505
15°	1541	462
25°	264	142
35°	5	5
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°	7237.5
2.5°	7068.7
5°	6298.1
7.5°	4941.2
10°	3415.6
12.5°	2311.9
15°	1541.3
17.5°	1080.2
20°	808.2
22.5°	544.0
25°	264.2
27.5°	96.9
30°	32.8
32.5°	10.9
35°	4.7
37.5°	3.1
40°	1.6
42.5°	1.6
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)