

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: P1300222

Luminaire Tested: P3A17R30W2N902750DE010 E3DLP1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300222
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3DLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

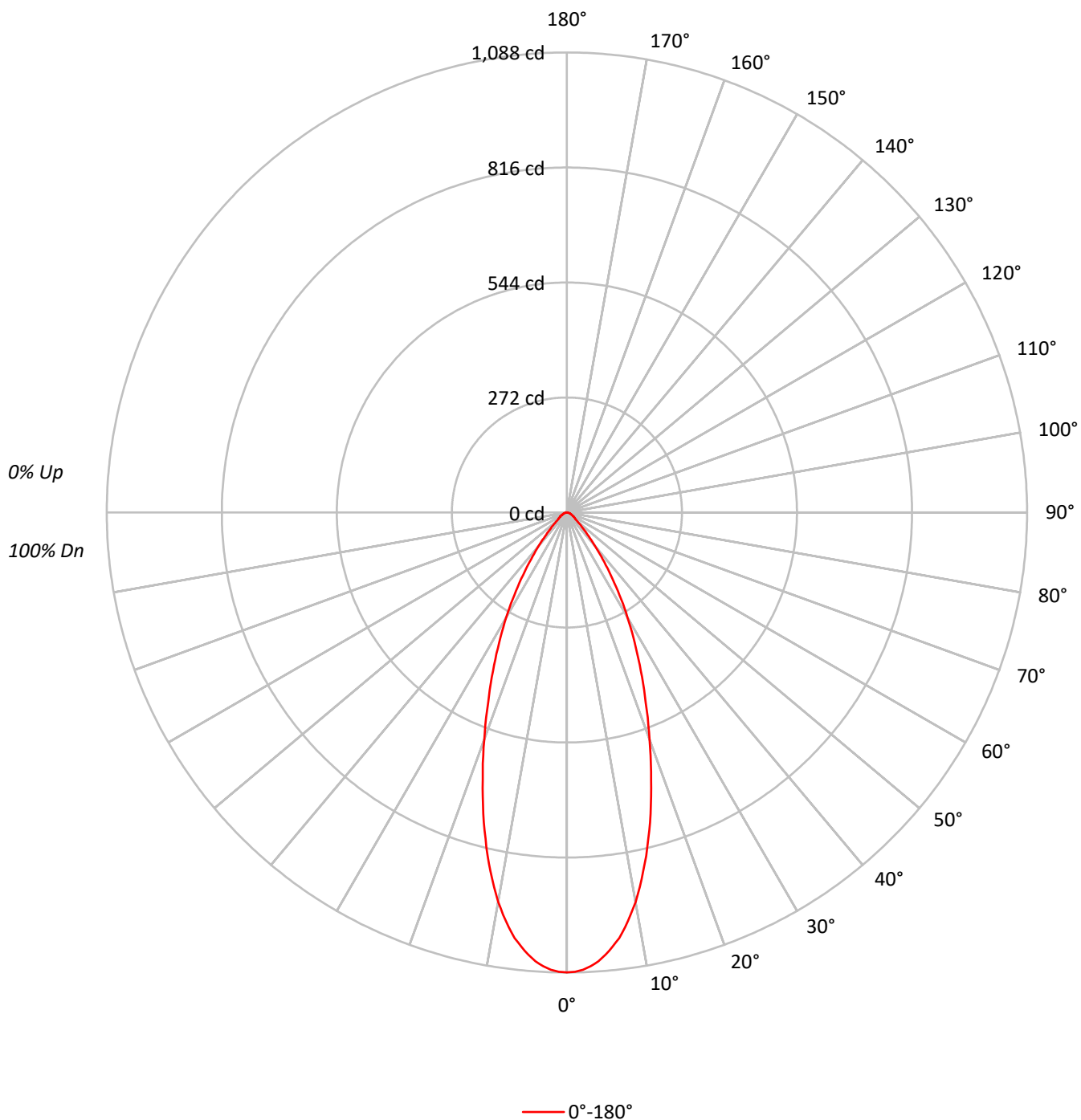
Lumens per Lamp: N/A
Luminaire Lumens: 698.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					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	113	110	108	105		111	108	106	104		104	102	100		100	99	97		97	96	95		93			
2	107	102	98	95		105	101	97	94		97	94	92		94	92	90		92	90	88		86			
3	102	95	90	86		100	94	89	85		91	87	84		89	86	83		87	84	82		80			
4	97	89	84	79		95	88	83	79		86	81	78		84	80	77		82	79	76		74			
5	92	84	78	73		90	83	77	73		81	76	72		79	75	72		78	74	71		70			
6	88	79	73	68		86	78	72	68		76	71	68		75	71	67		74	70	67		65			
7	83	74	68	64		82	74	68	64		72	67	63		71	67	63		70	66	63		61			
8	80	70	64	60		78	70	64	60		69	63	60		67	63	60		67	62	59		58			
9	76	67	61	57		75	66	60	57		65	60	56		64	60	56		63	59	56		55			
10	73	63	58	54		72	63	57	54		62	57	53		61	57	53		61	56	53		52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	238512
5°	231102
10°	208213
15°	172237
20°	133362
25°	100022
30°	72619
35°	48372
40°	29741
45°	17459
50°	10712
55°	8678
60°	7587
65°	6174
70°	5578
75°	5507
80°	4041
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17459 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.6	13.8
10°-20°	209.0	29.9
20°-30°	190.1	27.2
30°-40°	114.9	16.5
40°-50°	46.1	6.6
50°-60°	20.4	2.9
60°-70°	12.3	1.8
70°-80°	6.7	1.0
80°-90°	1.9	0.3
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°	495.6	71.0
0°-40°	610.5	87.5
0°-60°	677.0	97.0
0°-90°	698.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	698.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1088	
5°	1050	97
15°	759	209
25°	413	190
35°	181	115
45°	56	46
55°	23	20
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1087.7
1°	1086.7
2°	1082.3
3°	1074.7
4°	1063.9
5°	1049.9
6°	1032.5
7°	1014.1
8°	990.3
9°	963.3
10°	935.1
11°	902.7
12°	868.0
13°	833.4
14°	795.5
15°	758.7
17.5°	662.4
20°	571.5
22.5°	487.0
25°	413.4
27.5°	346.3
30°	286.8
32.5°	231.6
35°	180.7
37.5°	138.5
40°	103.9
42.5°	75.8
45°	56.3
47.5°	42.2
50°	31.4
52.5°	24.9
55°	22.7
57.5°	19.5
60°	17.3
62.5°	14.1
65°	11.9
67.5°	10.8
70°	8.7
72.5°	7.6
75°	6.5
77.5°	5.4
80°	3.2
82.5°	2.2
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)