

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: P1299162

Luminaire Tested: P3A17R15W2N902750DE010 E3DL1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299162
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3DL1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

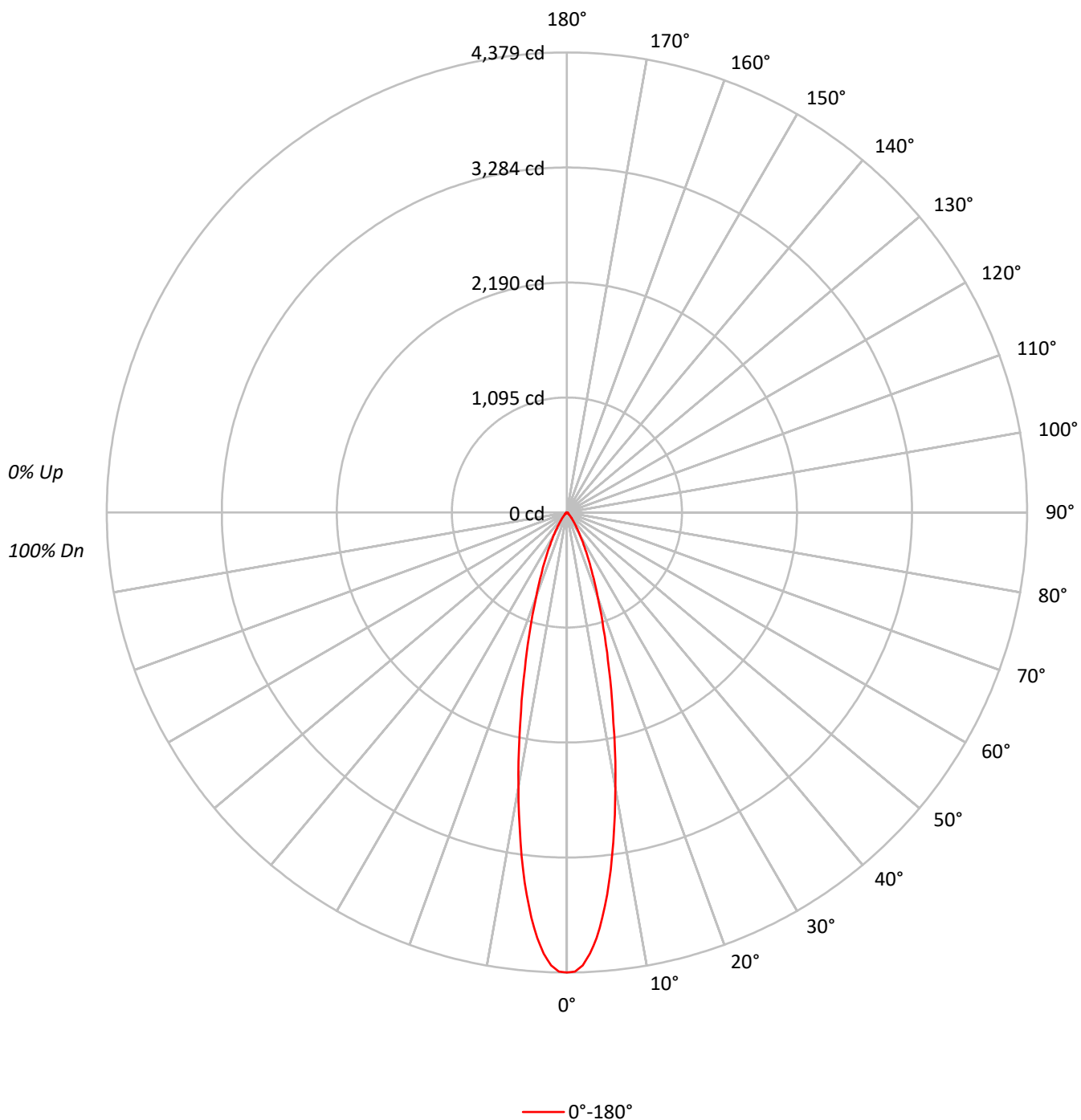
Lumens per Lamp: N/A
Luminaire Lumens: 1124.0 lumens
Efficiency: N/A
Efficacy: 57.9 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108		112	110	108	106		106	104	103		102	101	100		99	98	97		95			
2	110	106	103	100		108	104	101	99		101	99	97		98	96	95		96	94	93		91			
3	106	101	97	93		104	99	96	93		97	94	91		94	92	90		92	90	88		87			
4	102	96	92	88		100	95	91	88		93	89	87		91	88	86		89	87	85		83			
5	98	92	87	84		97	91	87	83		89	85	83		88	84	82		86	83	81		80			
6	95	88	83	80		94	87	83	80		86	82	79		85	81	79		83	80	78		77			
7	92	85	80	77		91	84	80	76		83	79	76		82	78	76		81	78	75		74			
8	89	81	77	74		88	81	77	73		80	76	73		79	75	73		78	75	73		72			
9	86	79	74	71		85	78	74	71		77	73	71		77	73	70		76	73	70		69			
10	84	76	71	68		83	76	71	68		75	71	68		74	71	68		74	70	68		67			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	960186
5°	852320
10°	591906
15°	350036
20°	199354
25°	113958
30°	63048
35°	33622
40°	18606
45°	10079
50°	6277
55°	4970
60°	4254
65°	3943
70°	3462
75°	3643
80°	2778
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10079 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	329.3	29.3
10°-20°	434.6	38.7
20°-30°	223.7	19.9
30°-40°	84.0	7.5
40°-50°	27.5	2.4
50°-60°	11.8	1.1
60°-70°	7.5	0.7
70°-80°	4.4	0.4
80°-90°	1.2	0.1
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°	987.6	87.9
0°-40°	1071.6	95.3
0°-60°	1110.9	98.8
0°-90°	1124.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1124.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4379	
5°	3872	329
15°	1542	435
25°	471	224
35°	126	84
45°	32	28
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4378.8
1°	4370.2
2°	4312.8
3°	4203.4
4°	4059.4
5°	3872.1
6°	3659.8
7°	3427.0
8°	3168.3
9°	2912.7
10°	2658.3
12.5°	2045.4
15°	1541.9
17.5°	1154.3
20°	854.3
22.5°	637.8
25°	471.0
27.5°	343.2
30°	249.0
32.5°	176.5
35°	125.6
37.5°	89.9
40°	65.0
42.5°	46.6
45°	32.5
47.5°	23.8
50°	18.4
52.5°	15.2
55°	13.0
57.5°	10.8
60°	9.7
62.5°	8.7
65°	7.6
67.5°	6.5
70°	5.4
72.5°	5.4
75°	4.3
77.5°	3.2
80°	2.2
82.5°	2.2
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)