

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: P1299165

Luminaire Tested: P3A17R15W2N902750DE010 E3DL1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299165
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_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

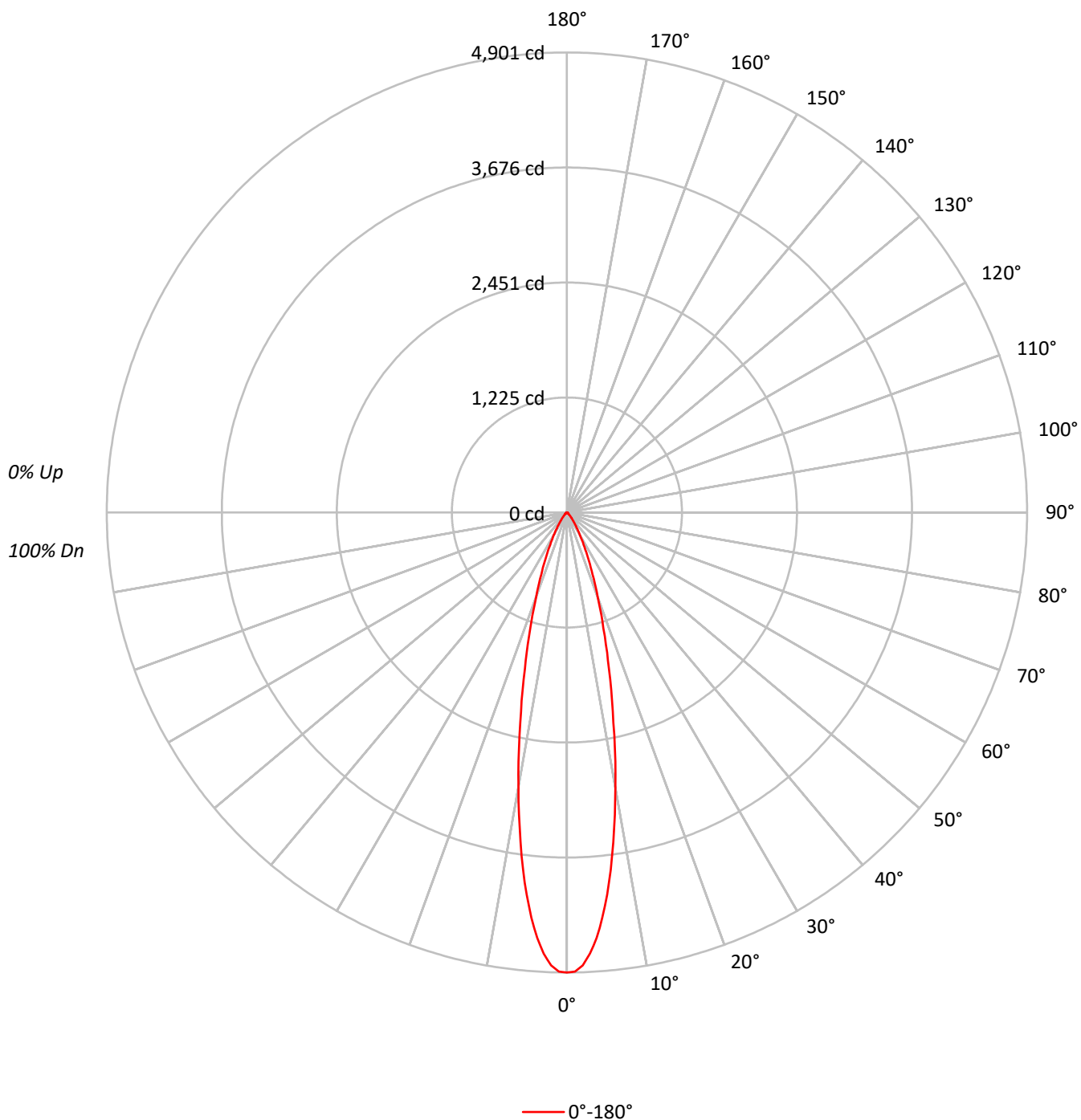
Lumens per Lamp: N/A
Luminaire Lumens: 1258.0 lumens
Efficiency: N/A
Efficacy: 64.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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		
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°	1074673
5°	953927
10°	662468
15°	391762
20°	223133
25°	127556
30°	70568
35°	37638
40°	20810
45°	11288
50°	7027
55°	5543
60°	4780
65°	4410
70°	3911
75°	4067
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11288 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	368.5	29.3
10°-20°	486.4	38.7
20°-30°	250.4	19.9
30°-40°	94.0	7.5
40°-50°	30.8	2.4
50°-60°	13.2	1.1
60°-70°	8.4	0.7
70°-80°	4.9	0.4
80°-90°	1.3	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°	1105.3	87.9
0°-40°	1199.3	95.3
0°-60°	1243.4	98.8
0°-90°	1258.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1258.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4901	
5°	4334	369
15°	1726	486
25°	527	250
35°	141	94
45°	36	31
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4900.9
1°	4891.2
2°	4826.9
3°	4704.5
4°	4543.3
5°	4333.7
6°	4096.2
7°	3835.6
8°	3546.0
9°	3260.0
10°	2975.2
12.5°	2289.2
15°	1725.7
17.5°	1291.9
20°	956.2
22.5°	713.8
25°	527.2
27.5°	384.2
30°	278.7
32.5°	197.5
35°	140.6
37.5°	100.6
40°	72.7
42.5°	52.1
45°	36.4
47.5°	26.7
50°	20.6
52.5°	17.0
55°	14.5
57.5°	12.1
60°	10.9
62.5°	9.7
65°	8.5
67.5°	7.3
70°	6.1
72.5°	6.1
75°	4.8
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)