

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: P1299223

Luminaire Tested: P3A17R15W2N902750DE010 E3DLP1H_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299223
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3DLP1H_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

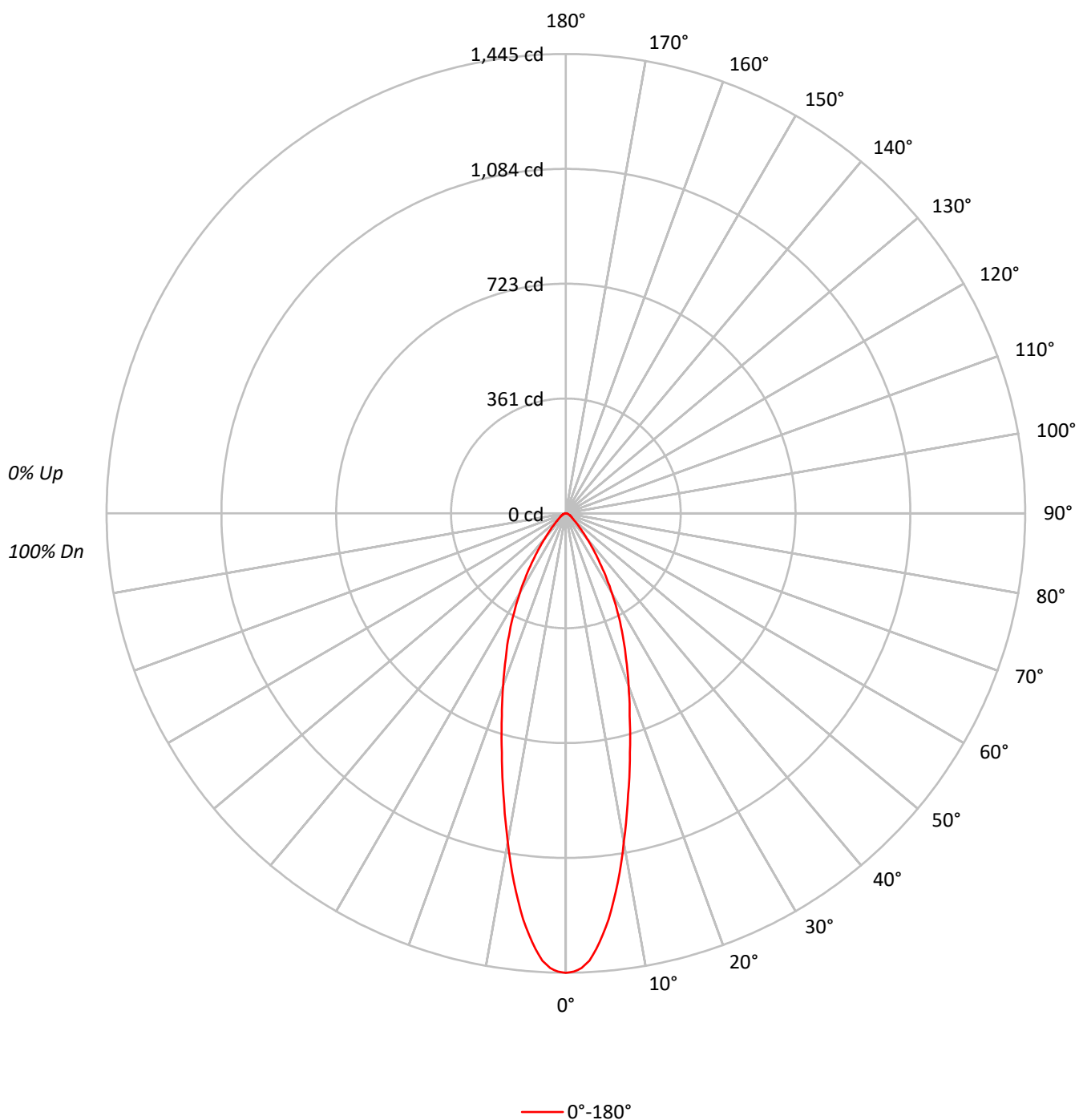
Lumens per Lamp: N/A
Luminaire Lumens: 735.0 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	106	111	108	106	104	104	102	101		100	99	98		97	96	95		93
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92	90	88		86
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87	84	82		80
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82	79	77		75
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78	75	72		70
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74	71	68		66
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71	67	64		62
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67	63	60		59
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64	60	57		56
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62	57	54		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	316948
5°	292933
10°	233863
15°	176664
20°	134528
25°	102514
30°	73429
35°	47917
40°	29369
45°	17769
50°	11803
55°	9137
60°	7850
65°	6797
70°	6091
75°	6100
80°	4546
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17769 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.9	16.0
10°-20°	217.5	29.6
20°-30°	193.6	26.3
30°-40°	114.6	15.6
40°-50°	47.0	6.4
50°-60°	22.1	3.0
60°-70°	13.4	1.8
70°-80°	7.1	1.0
80°-90°	1.8	0.2
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°	529.0	72.0
0°-40°	643.6	87.6
0°-60°	712.7	97.0
0°-90°	735.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	735.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1445	
5°	1331	118
15°	778	218
25°	424	194
35°	179	115
45°	57	47
55°	24	22
65°	13	13
75°	7	7
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1445.4
1°	1441.8
2°	1431.1
3°	1409.6
4°	1373.8
5°	1330.8
6°	1284.3
7°	1229.4
8°	1172.1
9°	1113.6
10°	1050.3
12.5°	905.9
15°	778.2
17.5°	668.4
20°	576.5
22.5°	495.3
25°	423.7
27.5°	354.5
30°	290.0
32.5°	231.6
35°	179.0
37.5°	137.3
40°	102.6
42.5°	76.4
45°	57.3
47.5°	44.2
50°	34.6
52.5°	28.6
55°	23.9
57.5°	20.3
60°	17.9
62.5°	15.5
65°	13.1
67.5°	11.9
70°	9.5
72.5°	8.4
75°	7.2
77.5°	4.8
80°	3.6
82.5°	2.4
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)