

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: P1291636

Luminaire Tested: P3A09R15W2N902750DE010 E3DLP1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291636
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: P3A09R15W2N902750DE010 E3DLP1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

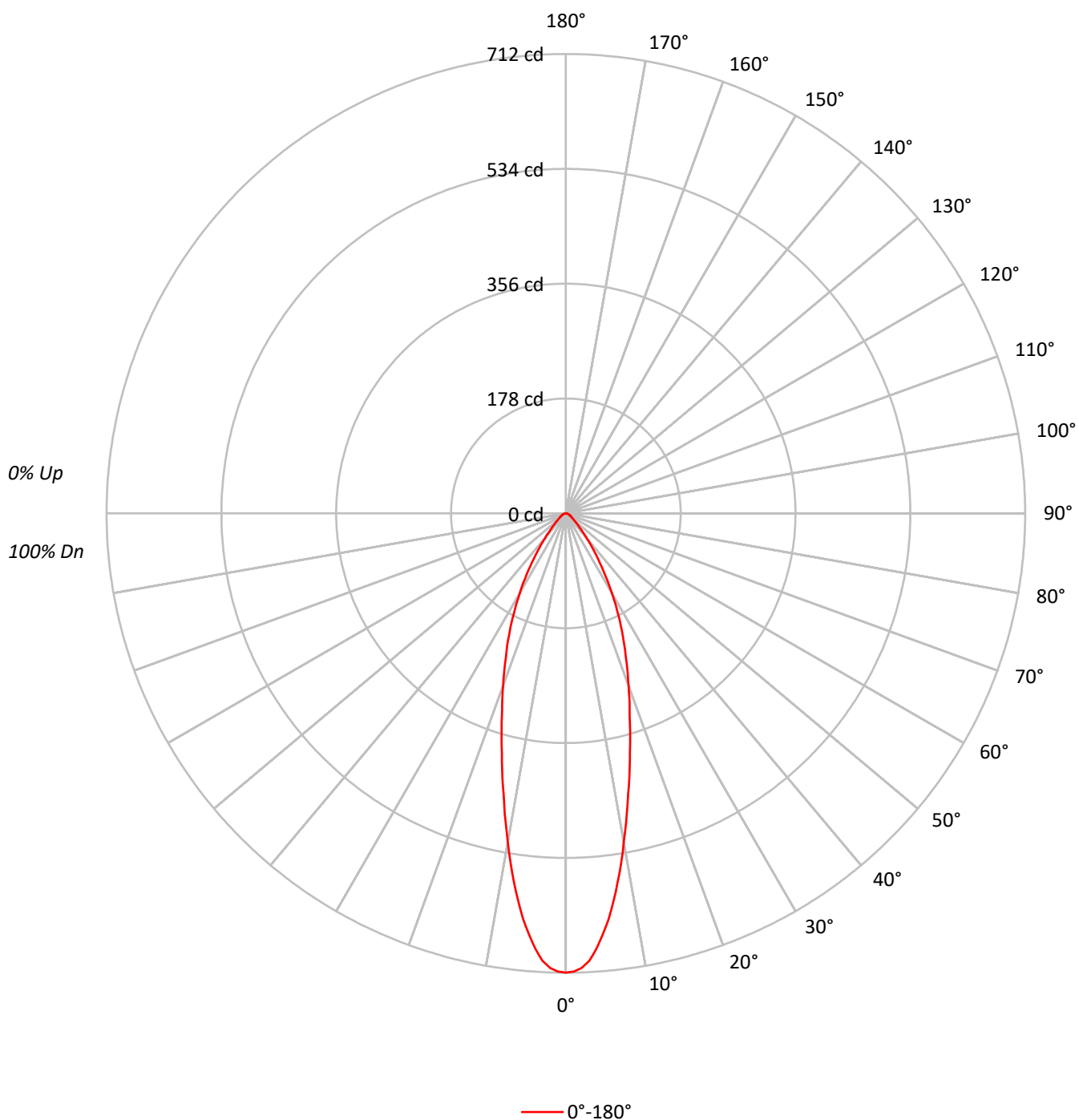
Lumens per Lamp: N/A
Luminaire Lumens: 362.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 9
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

TEST NUMBER: P1291636

CATALOG NUMBER: P3A09R15W2N902750DE010 E3DLP1H_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1291636

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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	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°	156106
5°	144288
10°	115184
15°	87015
20°	66249
25°	50495
30°	36157
35°	23610
40°	14484
45°	8745
50°	5799
55°	4511
60°	3859
65°	3373
70°	3013
75°	2965
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8745 cd/sqm

TEST NUMBER: P1291636

CATALOG NUMBER: P3A09R15W2N902750DE010 E3DLP1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.1	16.0
10°-20°	107.1	29.6
20°-30°	95.4	26.3
30°-40°	56.4	15.6
40°-50°	23.2	6.4
50°-60°	10.9	3.0
60°-70°	6.6	1.8
70°-80°	3.5	1.0
80°-90°	0.9	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°	260.6	72.0
0°-40°	317.0	87.6
0°-60°	351.0	97.0
0°-90°	362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	362.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	712	
5°	656	58
15°	383	107
25°	209	95
35°	88	56
45°	28	23
55°	12	11
65°	6	7
75°	4	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	711.9
1°	710.1
2°	704.8
3°	694.2
4°	676.6
5°	655.5
6°	632.5
7°	605.5
8°	577.3
9°	548.5
10°	517.3
12.5°	446.2
15°	383.3
17.5°	329.2
20°	283.9
22.5°	244.0
25°	208.7
27.5°	174.6
30°	142.8
32.5°	114.0
35°	88.2
37.5°	67.6
40°	50.6
42.5°	37.6
45°	28.2
47.5°	21.8
50°	17.0
52.5°	14.1
55°	11.8
57.5°	10.0
60°	8.8
62.5°	7.6
65°	6.5
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.4
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)