

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: P1291819

Luminaire Tested: P3A09R15W2N902765DE010 E3DLP1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1291819
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: P3A09R15W2N902765DE010 E3DLP1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

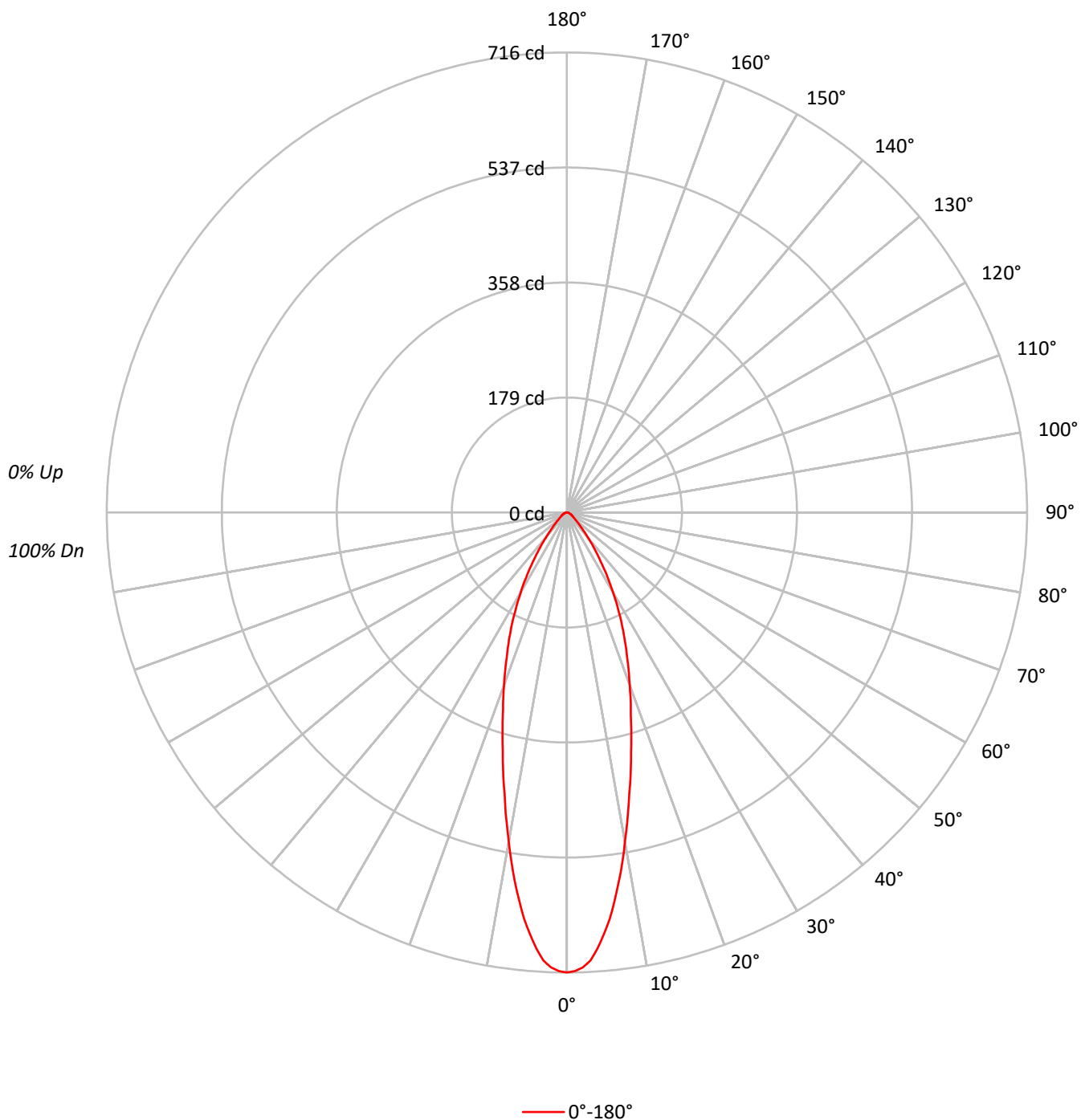
Lumens per Lamp: N/A
Luminaire Lumens: 364.0 lumens
Efficiency: N/A
Efficacy: 40.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	156961
5°	145080
10°	115830
15°	87492
20°	66622
25°	50761
30°	36360
35°	23744
40°	14542
45°	8807
50°	5833
55°	4511
60°	3903
65°	3373
70°	3013
75°	2965
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8807 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.4	16.0
10°-20°	107.7	29.6
20°-30°	95.9	26.3
30°-40°	56.7	15.6
40°-50°	23.3	6.4
50°-60°	10.9	3.0
60°-70°	6.7	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°	262.0	72.0
0°-40°	318.8	87.6
0°-60°	353.0	97.0
0°-90°	364.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	364.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	716	
5°	659	58
15°	385	108
25°	210	96
35°	89	57
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°	715.8
1°	714.0
2°	708.7
3°	698.1
4°	680.4
5°	659.1
6°	636.0
7°	608.8
8°	580.5
9°	551.5
10°	520.2
12.5°	448.6
15°	385.4
17.5°	331.0
20°	285.5
22.5°	245.3
25°	209.8
27.5°	175.6
30°	143.6
32.5°	114.7
35°	88.7
37.5°	68.0
40°	50.8
42.5°	37.8
45°	28.4
47.5°	21.9
50°	17.1
52.5°	14.2
55°	11.8
57.5°	10.0
60°	8.9
62.5°	7.7
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)