

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: P1292591

Luminaire Tested: P3A09R30W2N902750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292591
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R30W2N902750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

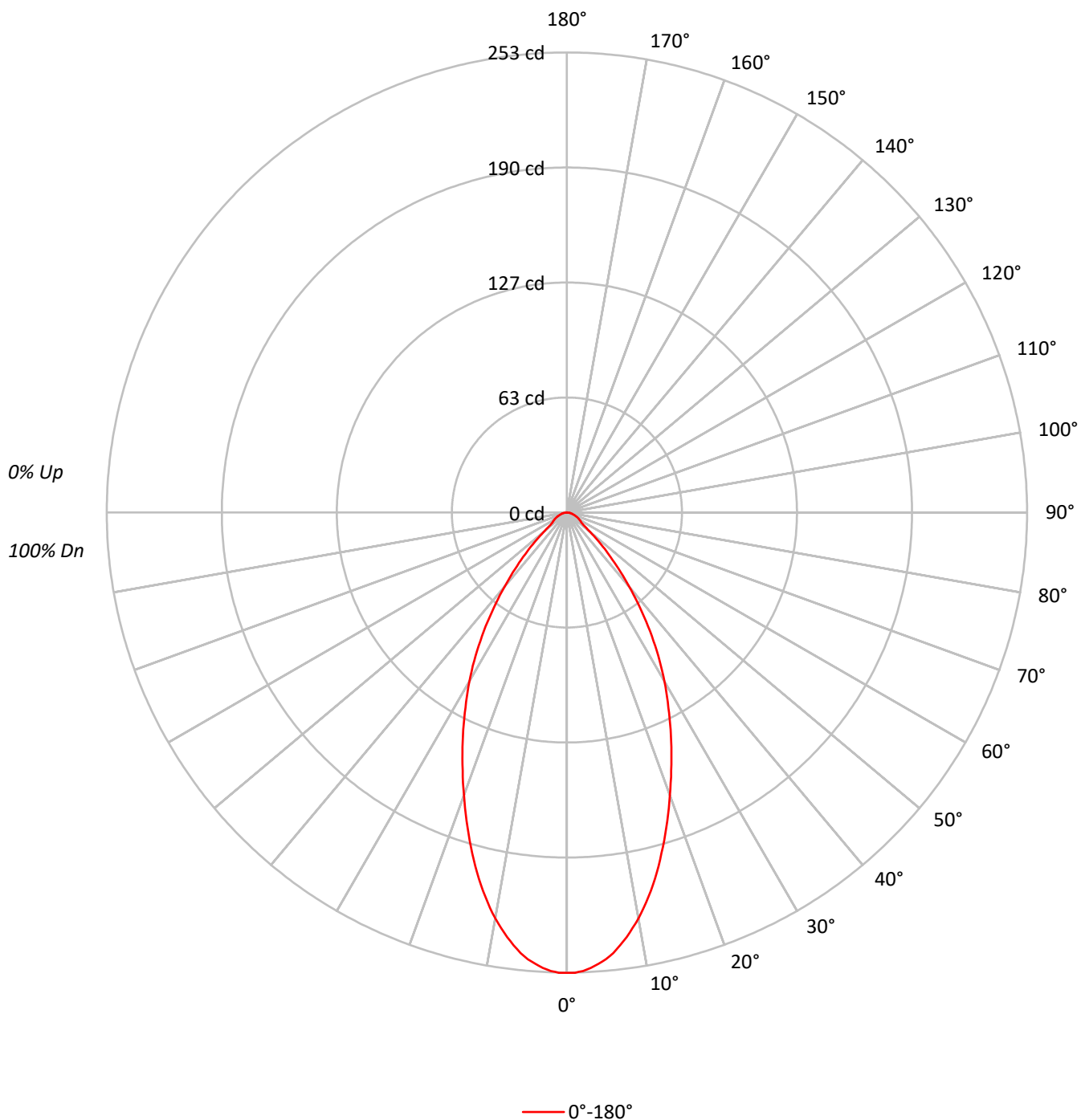
Lumens per Lamp: N/A
Luminaire Lumens: 234.9 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	86	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	77	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	55522
5°	54281
10°	50478
15°	44904
20°	38620
25°	32712
30°	27169
35°	21308
40°	15257
45°	10017
50°	5697
55°	3747
60°	3552
65°	3269
70°	2949
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10017 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.9	9.7
10°-20°	55.0	23.4
20°-30°	62.0	26.4
30°-40°	49.5	21.1
40°-50°	25.4	10.8
50°-60°	9.6	4.1
60°-70°	6.3	2.7
70°-80°	3.4	1.4
80°-90°	1.0	0.4
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°	139.9	59.5
0°-40°	189.3	80.6
0°-60°	224.3	95.5
0°-90°	234.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	234.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	253	
5°	247	23
15°	198	55
25°	135	62
35°	80	49
45°	32	25
55°	10	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	253.2
1°	253.2
2°	252.3
3°	250.9
4°	248.9
5°	246.6
6°	243.7
7°	239.9
8°	235.9
9°	231.3
10°	226.7
11°	221.5
12°	216.0
13°	210.2
14°	204.2
15°	197.8
17.5°	181.7
20°	165.5
22.5°	150.0
25°	135.2
27.5°	120.8
30°	107.3
32.5°	93.4
35°	79.6
37.5°	66.0
40°	53.3
42.5°	42.1
45°	32.3
47.5°	23.9
50°	16.7
52.5°	11.8
55°	9.8
57.5°	8.9
60°	8.1
62.5°	7.2
65°	6.3
67.5°	5.5
70°	4.6
72.5°	3.7
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)