

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: P1292890

Luminaire Tested: P3A09R35W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292890
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R35W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

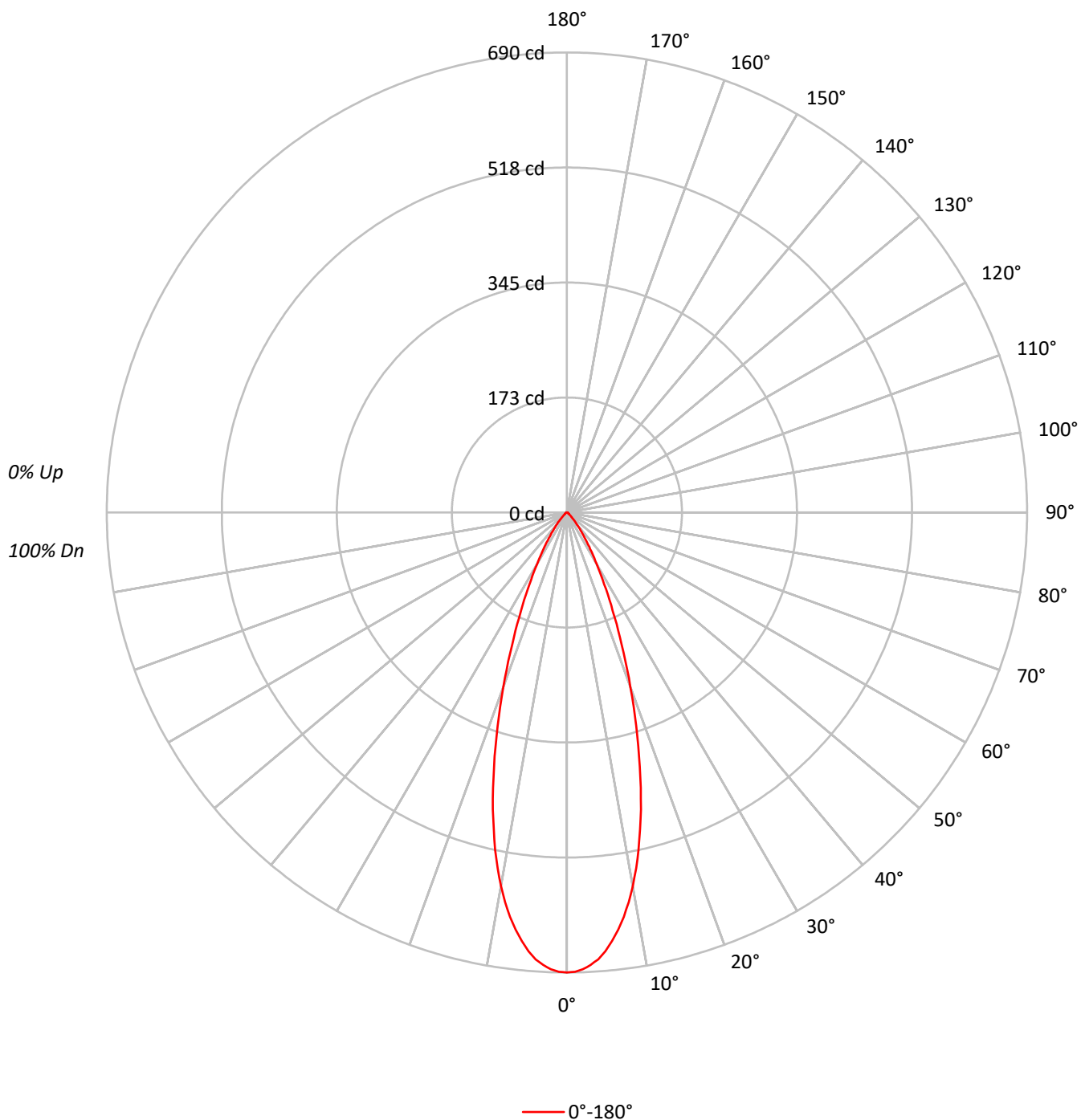
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 33.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98	97	96		95
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94	93	91		90
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91	88	86		85
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87	84	82		80
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83	80	78		76
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80	77	74		73
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77	73	71		70
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74	70	68		66
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71	67	65		64
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69	65	62		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151304
5°	145410
10°	126695
15°	97049
20°	64919
25°	39293
30°	22535
35°	12608
40°	6698
45°	3442
50°	1672
55°	1300
60°	1272
65°	1038
70°	1090
75°	932
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3442 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.1	20.0
10°-20°	116.5	38.8
20°-30°	76.3	25.4
30°-40°	30.9	10.3
40°-50°	9.3	3.1
50°-60°	3.1	1.0
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.4	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°	252.8	84.3
0°-40°	283.8	94.6
0°-60°	296.2	98.7
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	690	
5°	661	60
15°	428	116
25°	162	76
35°	47	31
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	690.0
1°	688.9
2°	685.7
3°	679.5
4°	672.0
5°	660.6
6°	646.4
7°	630.4
8°	612.4
9°	591.8
10°	569.0
11°	543.6
12°	517.1
13°	487.4
14°	459.2
15°	427.5
17.5°	350.7
20°	278.2
22.5°	214.0
25°	162.4
27.5°	121.0
30°	89.0
32.5°	65.3
35°	47.1
37.5°	33.4
40°	23.4
42.5°	16.3
45°	11.1
47.5°	7.4
50°	4.9
52.5°	3.7
55°	3.4
57.5°	3.1
60°	2.9
62.5°	2.6
65°	2.0
67.5°	1.7
70°	1.7
72.5°	1.4
75°	1.1
77.5°	0.9
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)