

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: P1292891

Luminaire Tested: P3A09R35W2N902750DE010 E3DL1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292891
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_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

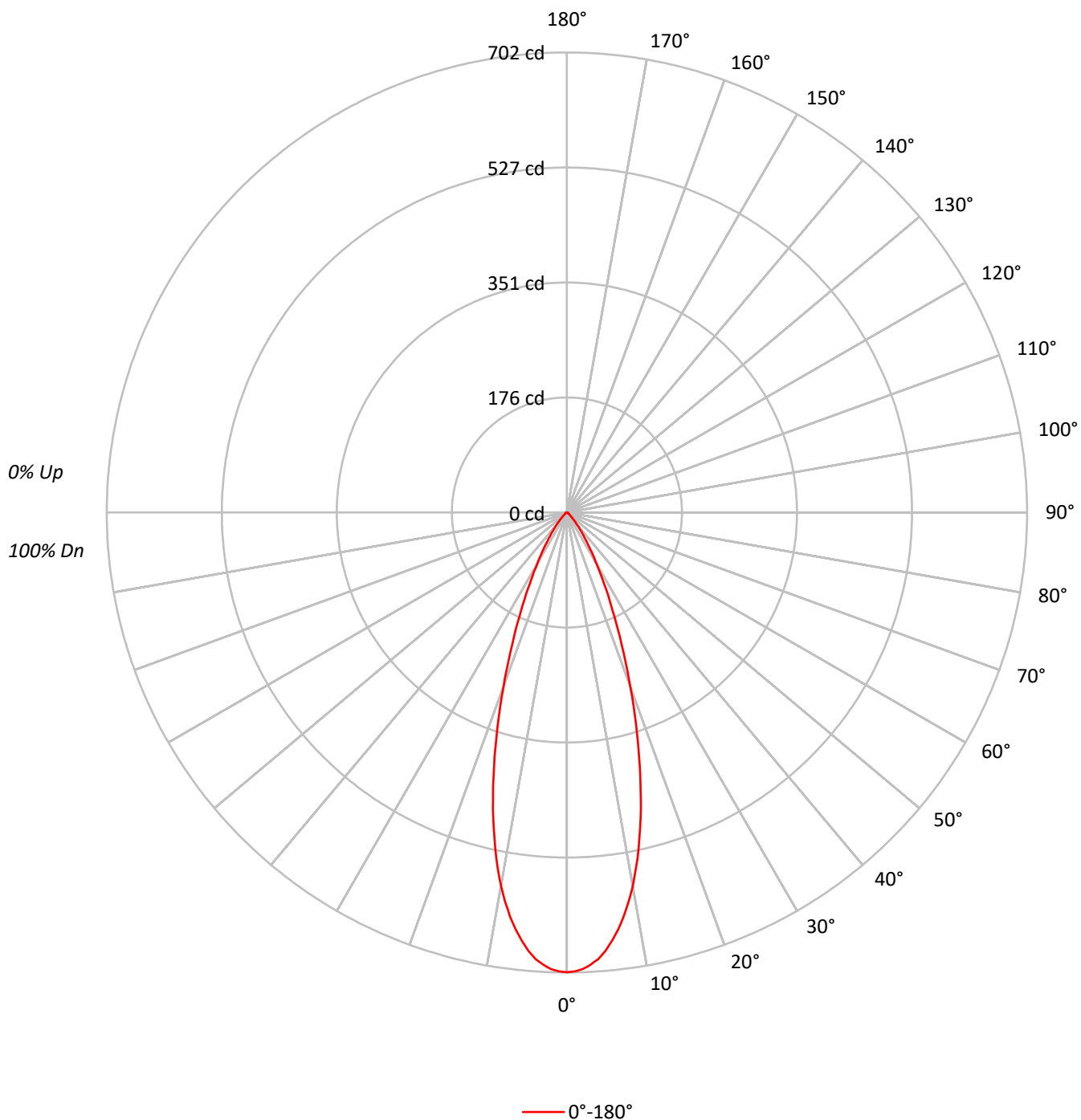
Lumens per Lamp: N/A
Luminaire Lumens: 305.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RC	80				70					50					30					10
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	102	102	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	82	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	78	78	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	74	74	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	71	71	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	68	68	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	65	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	62	62	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	153825
5°	147831
10°	128811
15°	98661
20°	66016
25°	39946
30°	22915
35°	12822
40°	6813
45°	3504
50°	1672
55°	1338
60°	1272
65°	1038
70°	1090
75°	1017
80°	1137
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3504 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	20.0
10°-20°	118.4	38.8
20°-30°	77.5	25.4
30°-40°	31.4	10.3
40°-50°	9.4	3.1
50°-60°	3.2	1.1
60°-70°	2.1	0.7
70°-80°	1.3	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°	257.1	84.3
0°-40°	288.5	94.6
0°-60°	301.1	98.7
0°-90°	305.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	305.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	702	
5°	672	61
15°	435	118
25°	165	78
35°	48	31
45°	11	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	701.5
1°	700.4
2°	697.2
3°	690.8
4°	683.2
5°	671.6
6°	657.1
7°	640.9
8°	622.6
9°	601.7
10°	578.5
11°	552.7
12°	525.7
13°	495.5
14°	466.8
15°	434.6
17.5°	356.6
20°	282.9
22.5°	217.6
25°	165.1
27.5°	123.0
30°	90.5
32.5°	66.4
35°	47.9
37.5°	33.9
40°	23.8
42.5°	16.5
45°	11.3
47.5°	7.5
50°	4.9
52.5°	3.8
55°	3.5
57.5°	3.2
60°	2.9
62.5°	2.6
65°	2.0
67.5°	1.7
70°	1.7
72.5°	1.5
75°	1.2
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)