

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: P1293120

Luminaire Tested: P3A09R35W2N902765DE010 E3DLP1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293120
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R35W2N902765DE010 E3DLP1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

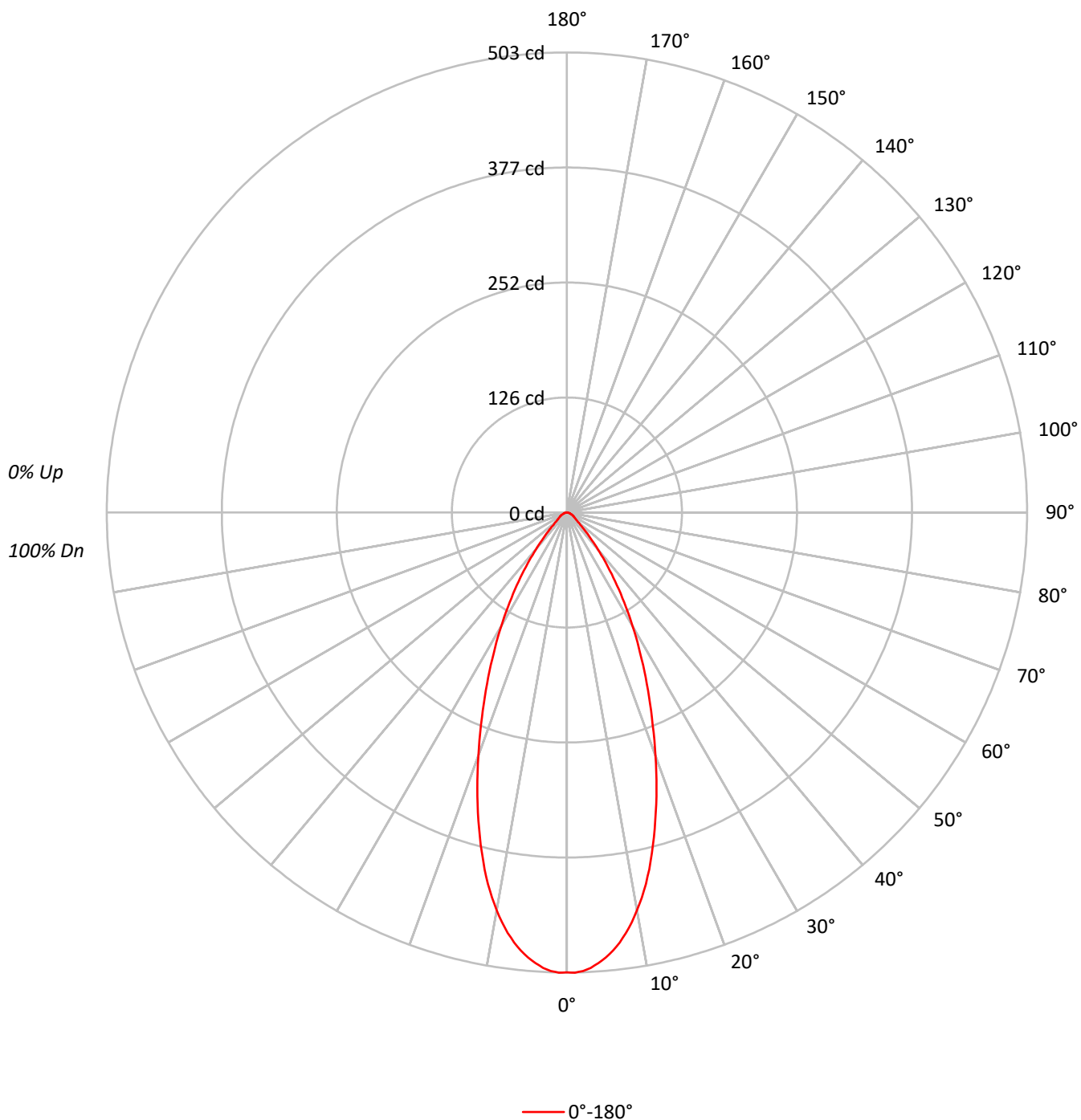
Lumens per Lamp: N/A
Luminaire Lumens: 343.0 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		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	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81		80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71		69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66		65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62		61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59		57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56		54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110254
5°	107528
10°	98306
15°	83451
20°	66062
25°	49963
30°	36385
35°	24601
40°	15114
45°	8683
50°	5219
55°	4244
60°	3728
65°	3269
70°	2693
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8683 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.1	13.2
10°-20°	101.3	29.5
20°-30°	94.8	27.6
30°-40°	58.0	16.9
40°-50°	22.9	6.7
50°-60°	10.1	2.9
60°-70°	6.3	1.8
70°-80°	3.3	1.0
80°-90°	1.2	0.3
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°	241.3	70.3
0°-40°	299.3	87.3
0°-60°	332.2	96.9
0°-90°	343.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	343.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	503	
5°	488	45
15°	368	101
25°	206	95
35°	92	58
45°	28	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	502.8
1°	503.3
2°	501.7
3°	498.6
4°	493.8
5°	488.5
6°	481.7
7°	473.7
8°	464.2
9°	453.7
10°	441.5
11°	428.8
12°	415.1
13°	400.3
14°	383.9
15°	367.6
17.5°	325.3
20°	283.1
22.5°	242.4
25°	206.5
27.5°	173.2
30°	143.7
32.5°	116.2
35°	91.9
37.5°	70.2
40°	52.8
42.5°	38.0
45°	28.0
47.5°	20.1
50°	15.3
52.5°	12.7
55°	11.1
57.5°	9.5
60°	8.5
62.5°	7.4
65°	6.3
67.5°	5.3
70°	4.2
72.5°	3.7
75°	3.2
77.5°	2.6
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)