

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: P1293053

Luminaire Tested: P3A09R35W2N902765DE010 E3DL1LI_6500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1293053
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: P3A09R35W2N902765DE010 E3DL1LI_6500K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 6500K CCT AND, 90CRI ,
E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

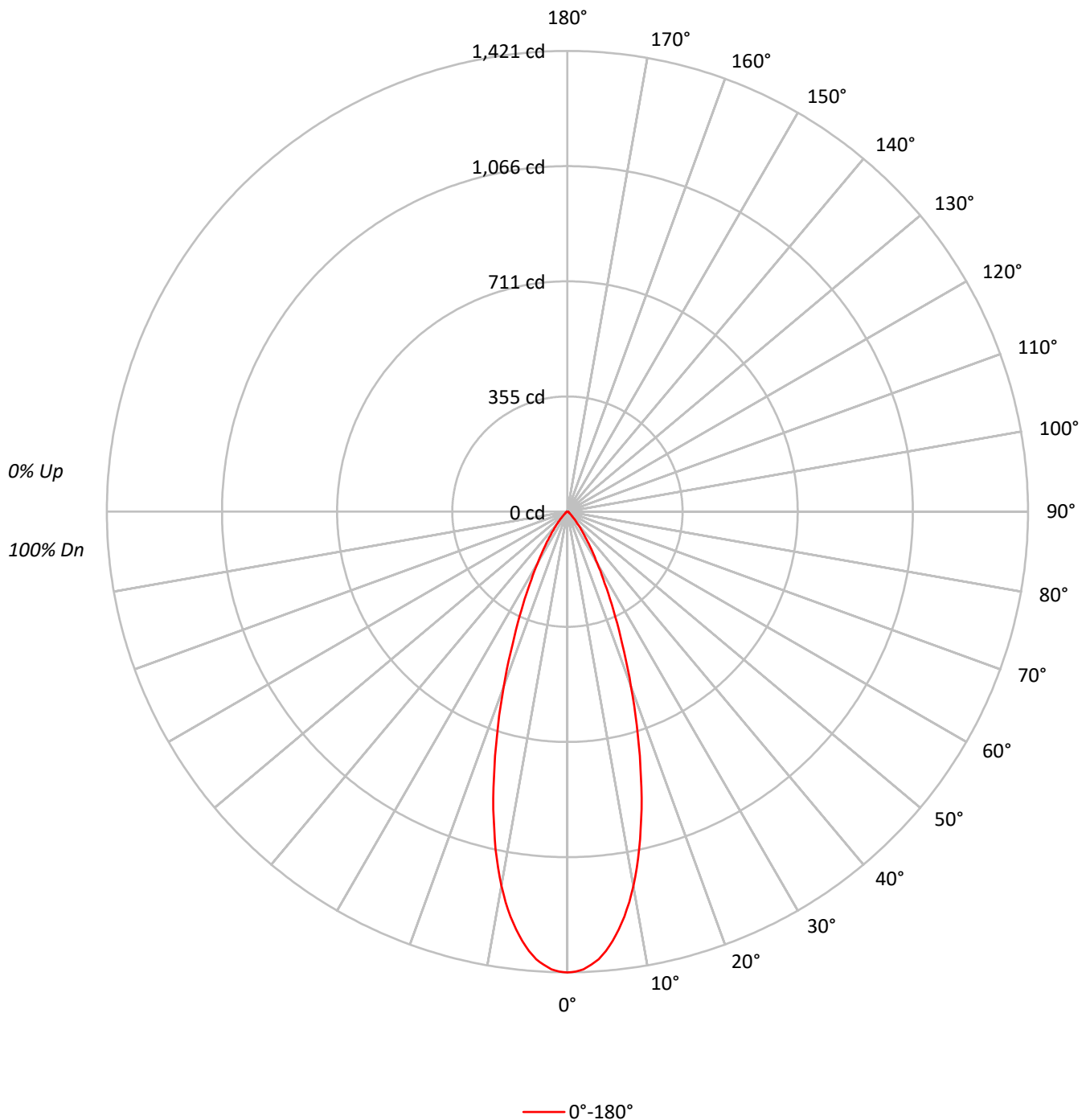
Lumens per Lamp: N/A
Luminaire Lumens: 618.0 lumens
Efficiency: N/A
Efficacy: 68.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1293053

CATALOG NUMBER: P3A09R35W2N902765DE010 E3DL1LI_6500K

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	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°	311686
5°	299559
10°	261006
15°	199910
20°	133758
25°	80932
30°	46438
35°	25966
40°	13797
45°	7102
50°	3411
55°	2714
60°	2588
65°	2127
70°	2244
75°	2033
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7102 cd/sqm

TEST NUMBER: P1293053

CATALOG NUMBER: P3A09R35W2N902765DE010 E3DL1LI_6500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.8	20.0
10°-20°	240.0	38.8
20°-30°	157.1	25.4
30°-40°	63.7	10.3
40°-50°	19.1	3.1
50°-60°	6.5	1.1
60°-70°	4.3	0.7
70°-80°	2.6	0.4
80°-90°	0.9	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°	520.9	84.3
0°-40°	584.6	94.6
0°-60°	610.2	98.7
0°-90°	618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	618.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1421	
5°	1361	124
15°	881	240
25°	334	157
35°	97	64
45°	23	19
55°	7	7
65°	4	4
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1421.4
1°	1419.1
2°	1412.6
3°	1399.7
4°	1384.4
5°	1360.9
6°	1331.5
7°	1298.6
8°	1261.5
9°	1219.2
10°	1172.2
11°	1119.9
12°	1065.2
13°	1004.1
14°	945.9
15°	880.6
17.5°	722.5
20°	573.2
22.5°	440.9
25°	334.5
27.5°	249.3
30°	183.4
32.5°	134.6
35°	97.0
37.5°	68.8
40°	48.2
42.5°	33.5
45°	22.9
47.5°	15.3
50°	10.0
52.5°	7.6
55°	7.1
57.5°	6.5
60°	5.9
62.5°	5.3
65°	4.1
67.5°	3.5
70°	3.5
72.5°	2.9
75°	2.4
77.5°	1.8
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6



TEST NUMBER: P1293053

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CANDELA DISTRIBUTION (continued):



(END OF REPORT)