

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: P1292894

Luminaire Tested: P3A09R35W2N902750DE010 E3DL1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292894
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 E3DL1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

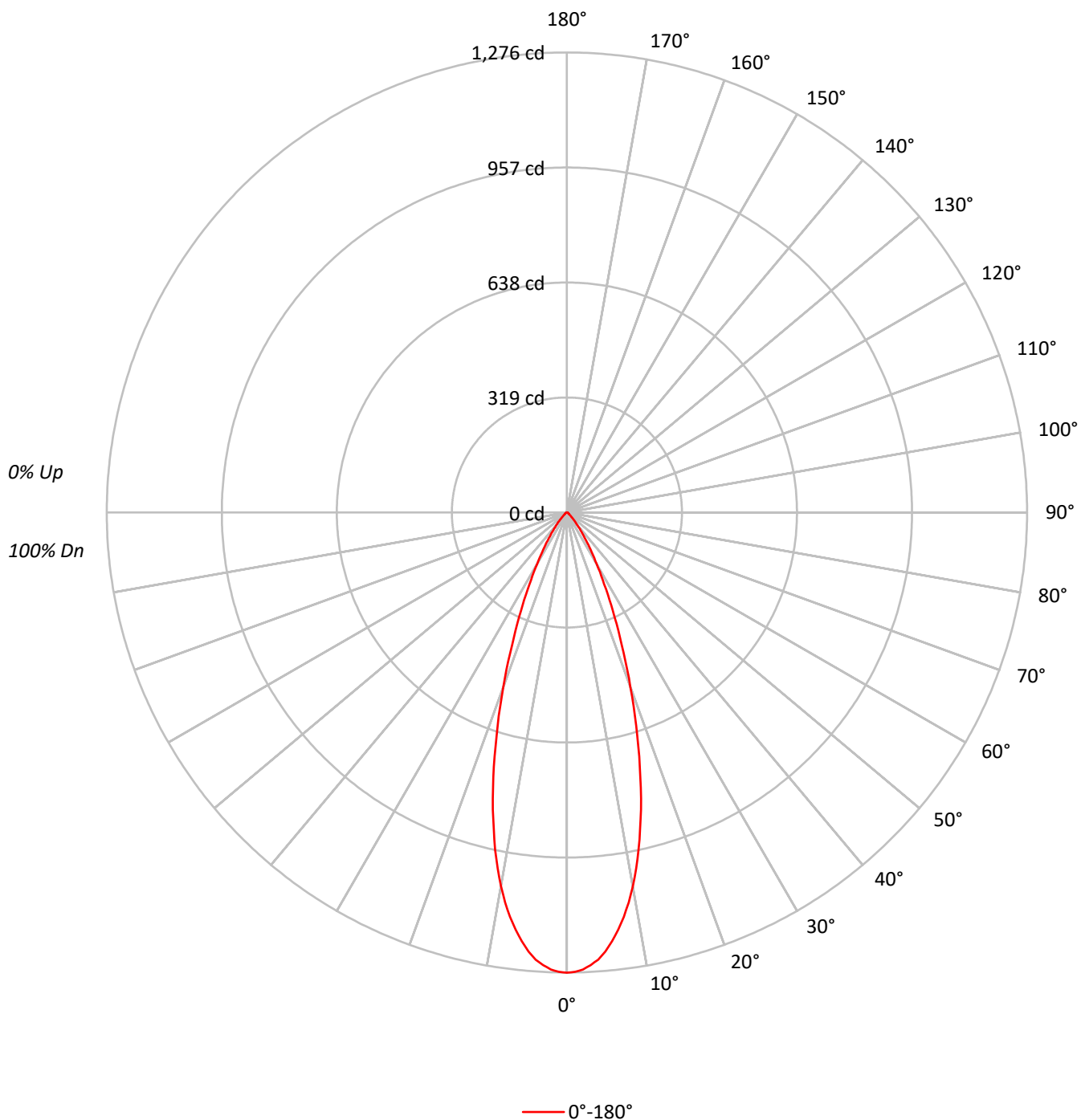
Lumens per Lamp: N/A
Luminaire Lumens: 555.0 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	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°	279912
5°	269029
10°	234398
15°	179524
20°	120107
25°	72682
30°	41703
35°	23316
40°	12395
45°	6388
50°	3070
55°	2409
60°	2324
65°	1920
70°	2052
75°	1779
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6388 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.2	20.0
10°-20°	215.5	38.8
20°-30°	141.1	25.4
30°-40°	57.2	10.3
40°-50°	17.2	3.1
50°-60°	5.8	1.1
60°-70°	3.9	0.7
70°-80°	2.3	0.4
80°-90°	0.8	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°	467.7	84.3
0°-40°	525.0	94.6
0°-60°	548.0	98.7
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1276	
5°	1222	111
15°	791	215
25°	300	141
35°	87	57
45°	21	17
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1276.5
1°	1274.4
2°	1268.6
3°	1257.0
4°	1243.3
5°	1222.2
6°	1195.8
7°	1166.2
8°	1132.9
9°	1094.9
10°	1052.7
11°	1005.7
12°	956.6
13°	901.7
14°	849.4
15°	790.8
17.5°	648.8
20°	514.7
22.5°	395.9
25°	300.4
27.5°	223.8
30°	164.7
32.5°	120.9
35°	87.1
37.5°	61.8
40°	43.3
42.5°	30.1
45°	20.6
47.5°	13.7
50°	9.0
52.5°	6.9
55°	6.3
57.5°	5.8
60°	5.3
62.5°	4.8
65°	3.7
67.5°	3.2
70°	3.2
72.5°	2.6
75°	2.1
77.5°	1.6
80°	1.6
82.5°	1.1
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)