

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: P1292935

Luminaire Tested: P3A09R35W2N902750DE010 E3DLD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292935
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R35W2N902750DE010 E3DLD1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

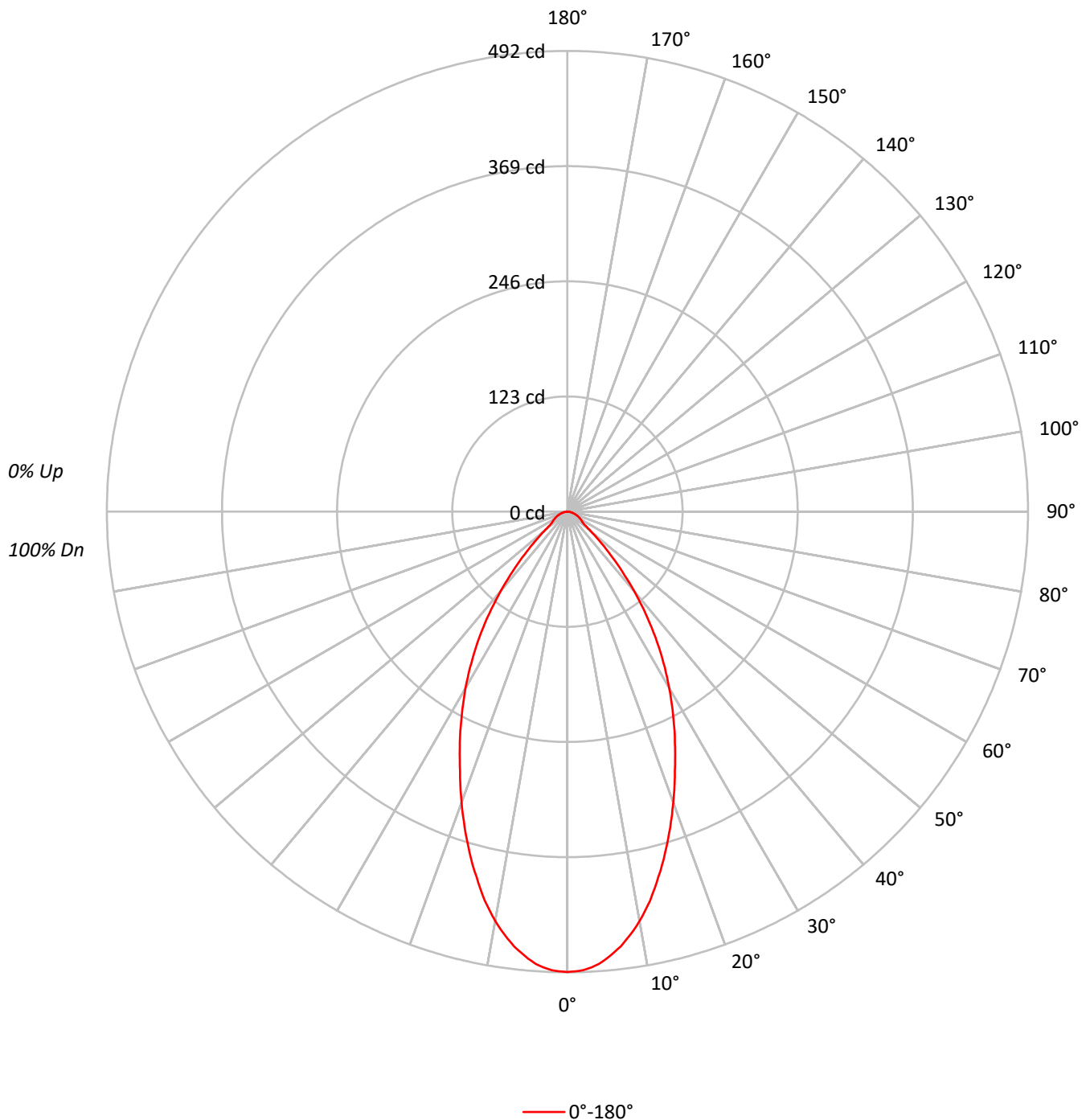
Lumens per Lamp: N/A
Luminaire Lumens: 472.0 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1292935

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1292935

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1MW_3000K

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46	45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	107820
5°	105525
10°	98840
15°	88718
20°	77170
25°	65762
30°	55097
35°	43875
40°	31717
45°	20064
50°	10951
55°	7570
60°	7149
65°	6641
70°	6347
75°	5422
80°	5177
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20064 cd/sqm

TEST NUMBER: P1292935

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.6	9.5
10°-20°	108.7	23.0
20°-30°	124.6	26.4
30°-40°	101.7	21.5
40°-50°	51.3	10.9
50°-60°	19.0	4.0
60°-70°	12.8	2.7
70°-80°	7.1	1.5
80°-90°	2.1	0.5
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°	278.0	58.9
0°-40°	379.7	80.4
0°-60°	450.0	95.3
0°-90°	472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	492	
5°	479	45
15°	391	109
25°	272	125
35°	164	102
45°	65	51
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1292935

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	491.7
1°	491.1
2°	489.9
3°	487.6
4°	484.1
5°	479.4
6°	473.6
7°	467.8
8°	460.2
9°	452.6
10°	443.9
11°	434.5
12°	424.6
13°	413.5
14°	401.9
15°	390.8
17.5°	361.0
20°	330.7
22.5°	299.8
25°	271.8
27.5°	244.4
30°	217.6
32.5°	190.7
35°	163.9
37.5°	137.1
40°	110.8
42.5°	86.3
45°	64.7
47.5°	46.7
50°	32.1
52.5°	23.3
55°	19.8
57.5°	18.1
60°	16.3
62.5°	14.6
65°	12.8
67.5°	11.1
70°	9.9
72.5°	8.2
75°	6.4
77.5°	5.2
80°	4.1
82.5°	2.9
85°	1.7
87.5°	1.2



TEST NUMBER: P1292935

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1MW_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)