

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: P1292893

Luminaire Tested: P3A09R35W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292893
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

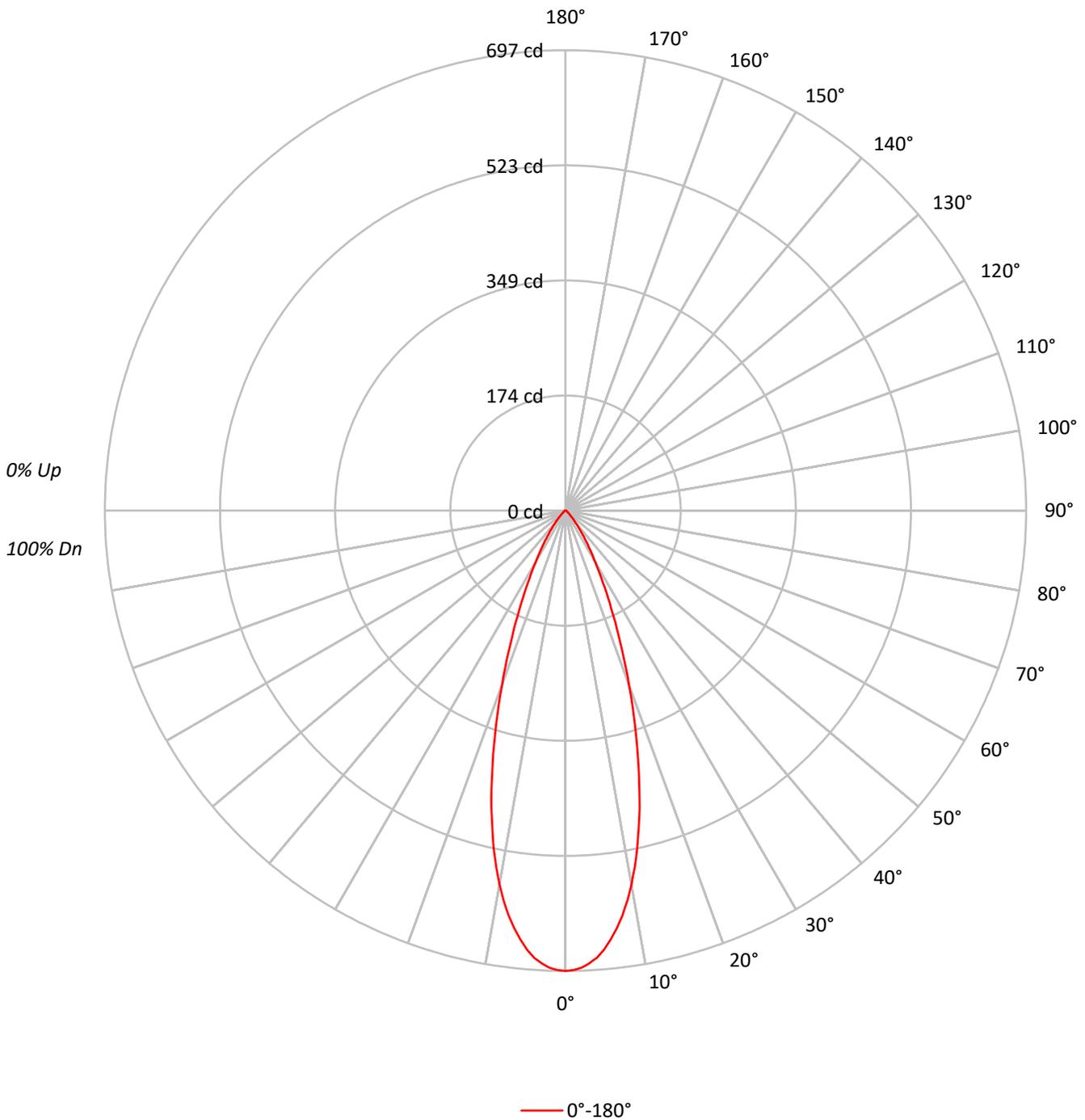
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 33.7 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: P1292893
CATALOG NUMBER: P3A09R35W2N902750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1292893

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DL1GPH_5000K

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	100	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152817
5°	146863
10°	127965
15°	98026
20°	65572
25°	39680
30°	22763
35°	12742
40°	6756
45°	3473
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: 3473 cd/sqm



TEST NUMBER: P1292893

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	20.0
10°-20°	117.6	38.8
20°-30°	77.0	25.4
30°-40°	31.2	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°	255.4	84.3
0°-40°	286.6	94.6
0°-60°	299.2	98.7
0°-90°	303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	303.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	697	
5°	667	61
15°	432	118
25°	164	77
35°	48	31
45°	11	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1292893

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	696.9
1°	695.8
2°	692.6
3°	686.3
4°	678.8
5°	667.2
6°	652.8
7°	636.7
8°	618.5
9°	597.8
10°	574.7
11°	549.1
12°	522.3
13°	492.3
14°	463.7
15°	431.8
17.5°	354.2
20°	281.0
22.5°	216.2
25°	164.0
27.5°	122.2
30°	89.9
32.5°	66.0
35°	47.6
37.5°	33.7
40°	23.6
42.5°	16.4
45°	11.2
47.5°	7.5
50°	4.9
52.5°	3.7
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°	1.4
75°	1.2
77.5°	0.9
80°	0.9
82.5°	0.6
85°	0.3
87.5°	0.3



TEST NUMBER: P1292893
CATALOG NUMBER: P3A09R35W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)