

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: P1292924

Luminaire Tested: P3A09R35W2N902750DE010 E3DLD1H_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1292924
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 E3DLD1H_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI ,
E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

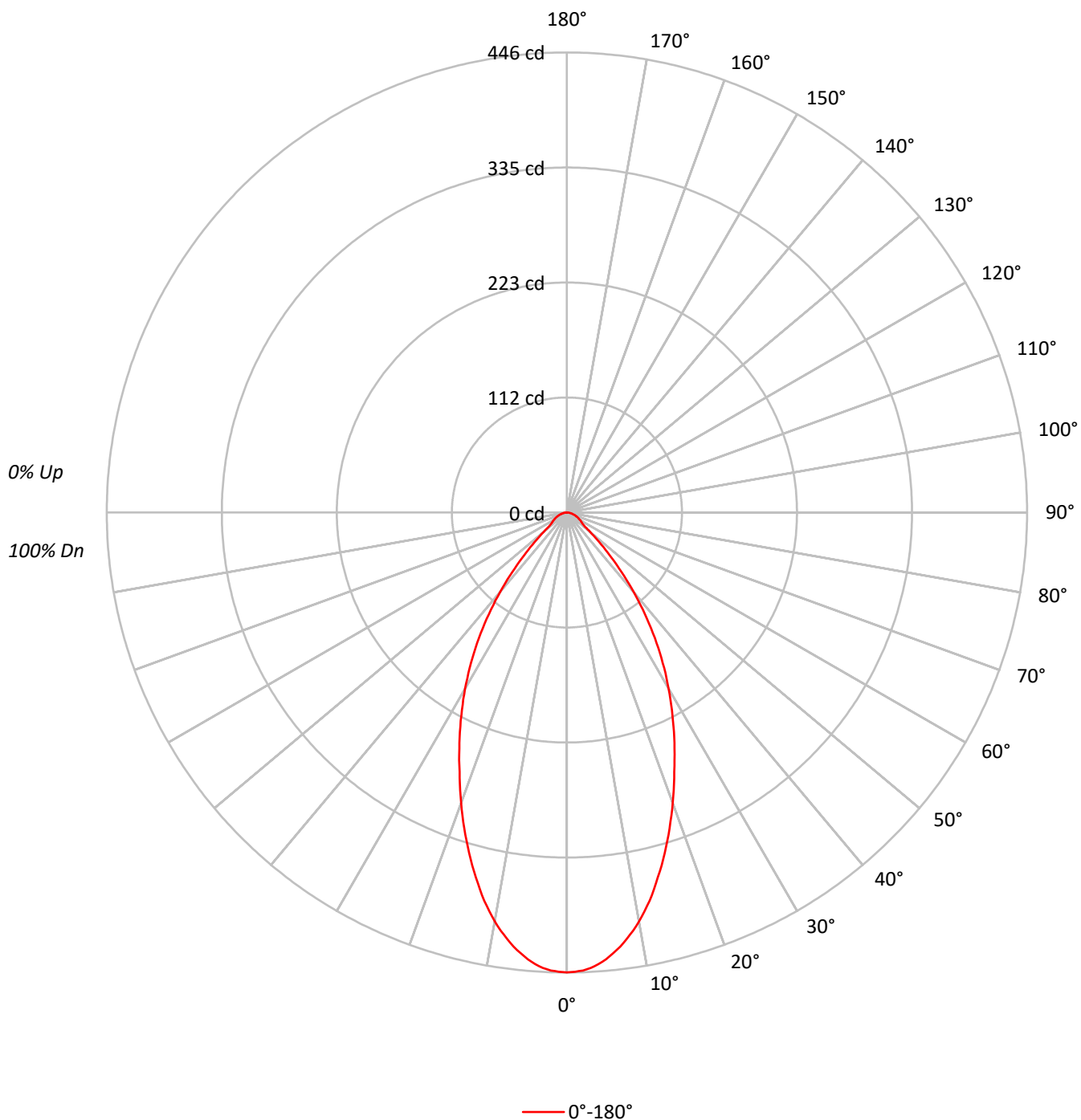
Lumens per Lamp: N/A
Luminaire Lumens: 428.0 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1292924

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1H_2700K

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	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°	97777
5°	95707
10°	89622
15°	80454
20°	69983
25°	59641
30°	49957
35°	39779
40°	28768
45°	18203
50°	9927
55°	6881
60°	6491
65°	6019
70°	5770
75°	4914
80°	4672
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Luminance: 18203 cd/sqm

TEST NUMBER: P1292924

CATALOG NUMBER: P3A09R35W2N902750DE010 E3DLD1H_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.5	9.5
10°-20°	98.6	23.0
20°-30°	113.0	26.4
30°-40°	92.2	21.5
40°-50°	46.5	10.9
50°-60°	17.3	4.0
60°-70°	11.6	2.7
70°-80°	6.4	1.5
80°-90°	1.9	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°	252.1	58.9
0°-40°	344.3	80.4
0°-60°	408.1	95.3
0°-90°	428.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	428.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	446	
5°	435	40
15°	354	99
25°	246	113
35°	149	92
45°	59	47
55°	18	17
65°	12	12
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	445.9
1°	445.3
2°	444.3
3°	442.2
4°	439.0
5°	434.8
6°	429.5
7°	424.2
8°	417.3
9°	410.4
10°	402.5
11°	394.0
12°	385.0
13°	375.0
14°	364.4
15°	354.4
17.5°	327.4
20°	299.9
22.5°	271.9
25°	246.5
27.5°	221.6
30°	197.3
32.5°	172.9
35°	148.6
37.5°	124.3
40°	100.5
42.5°	78.3
45°	58.7
47.5°	42.3
50°	29.1
52.5°	21.2
55°	18.0
57.5°	16.4
60°	14.8
62.5°	13.2
65°	11.6
67.5°	10.0
70°	9.0
72.5°	7.4
75°	5.8
77.5°	4.8
80°	3.7
82.5°	2.6
85°	1.6
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)