

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: P1289102

Luminaire Tested: P3A05R35W2N902750DE010 E3DL1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289102
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: P3A05R35W2N902750DE010 E3DL1H_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

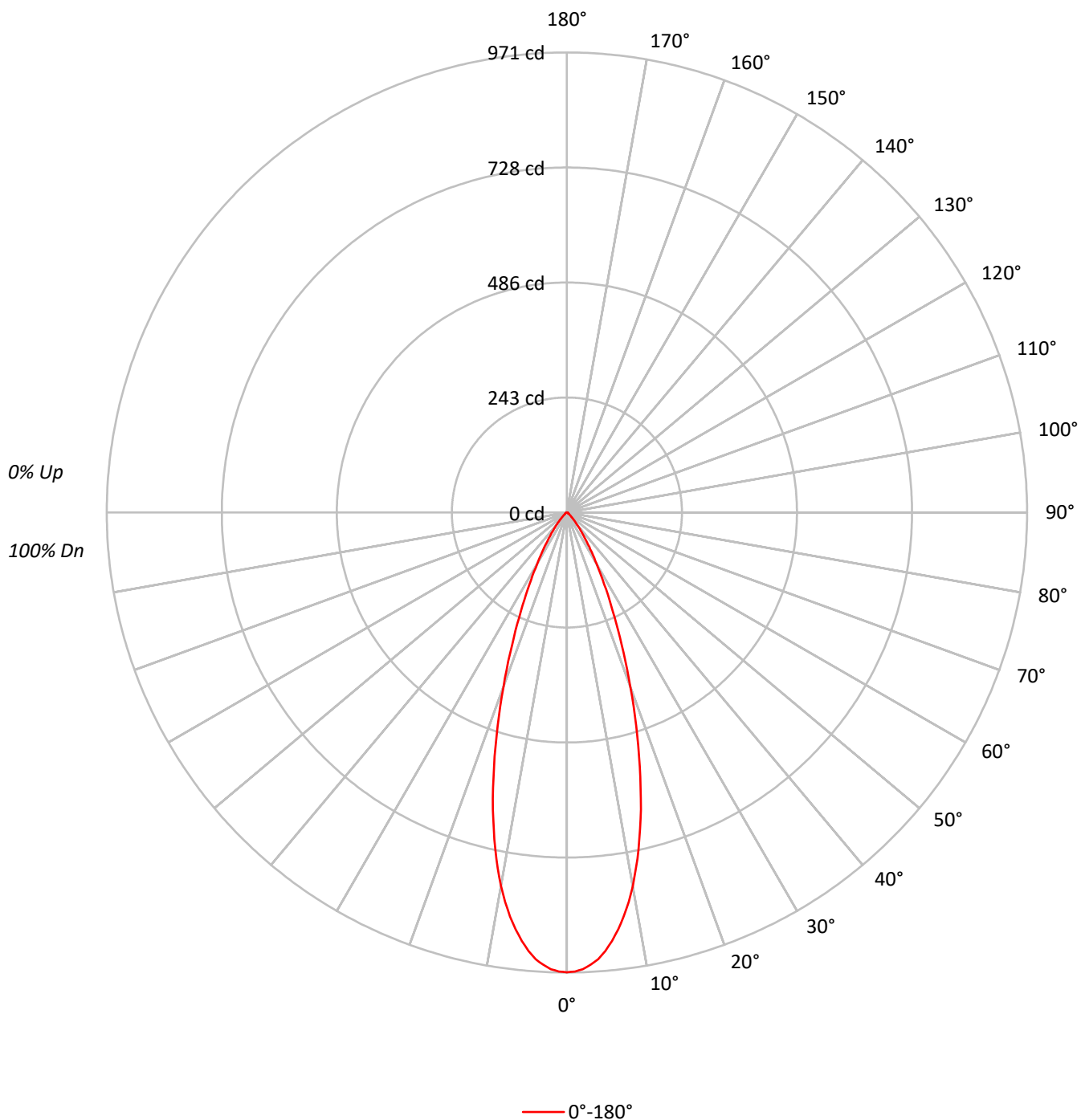
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1289102

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DL1H_4000K

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	77		
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	69	76	71	68	75	71	68	74	70	68	67		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	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°	212834
5°	204556
10°	178220
15°	136505
20°	91335
25°	55261
30°	31701
35°	17721
40°	9418
45°	4869
50°	2320
55°	1835
60°	1754
65°	1453
70°	1539
75°	1356
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4869 cd/sqm

TEST NUMBER: P1289102

CATALOG NUMBER: P3A05R35W2N902750DE010 E3DL1H_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.5	20.0
10°-20°	163.8	38.8
20°-30°	107.3	25.4
30°-40°	43.5	10.3
40°-50°	13.1	3.1
50°-60°	4.4	1.0
60°-70°	3.0	0.7
70°-80°	1.7	0.4
80°-90°	0.6	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°	355.7	84.3
0°-40°	399.2	94.6
0°-60°	416.7	98.7
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	971	
5°	929	85
15°	601	164
25°	228	107
35°	66	44
45°	16	13
55°	5	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	970.6
1°	969.0
2°	964.6
3°	955.8
4°	945.3
5°	929.3
6°	909.2
7°	886.7
8°	861.4
9°	832.5
10°	800.4
11°	764.7
12°	727.4
13°	685.6
14°	645.9
15°	601.3
17.5°	493.3
20°	391.4
22.5°	301.1
25°	228.4
27.5°	170.2
30°	125.2
32.5°	91.9
35°	66.2
37.5°	47.0
40°	32.9
42.5°	22.9
45°	15.7
47.5°	10.4
50°	6.8
52.5°	5.2
55°	4.8
57.5°	4.4
60°	4.0
62.5°	3.6
65°	2.8
67.5°	2.4
70°	2.4
72.5°	2.0
75°	1.6
77.5°	1.2
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)