

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: P1296743

Luminaire Tested: P3A13R35W2N902750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296743
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: P3A13R35W2N902750DE010 E3DLD1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

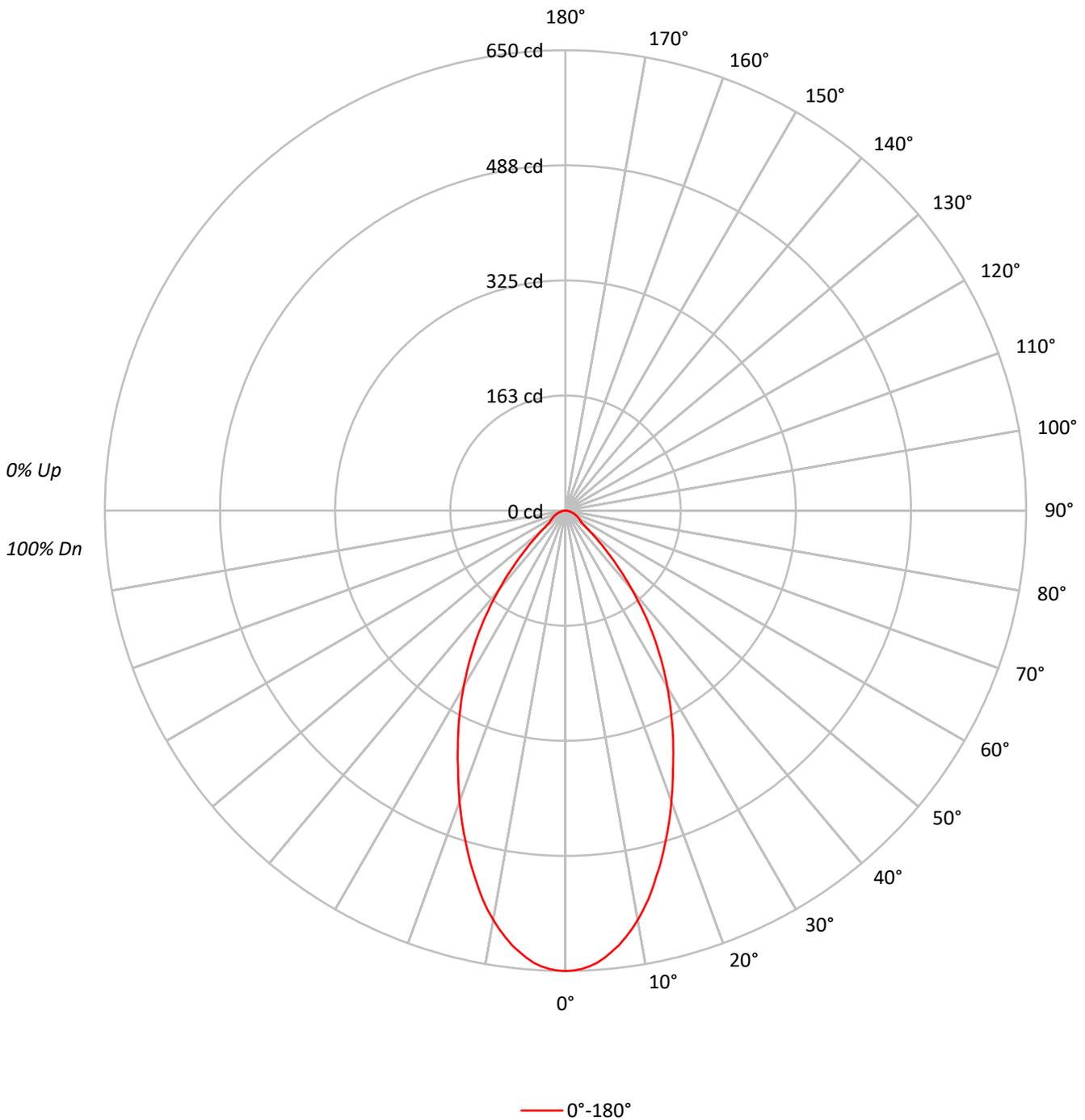
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 624.0 lumens
Efficiency: N/A
Efficacy: 50.7 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): 12.3
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				
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
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142532
5°	139511
10°	130659
15°	117276
20°	102022
25°	86932
30°	72821
35°	58009
40°	41936
45°	26545
50°	14464
55°	10016
60°	9473
65°	8821
70°	8399
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26545 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	9.5
10°-20°	143.8	23.0
20°-30°	164.7	26.4
30°-40°	134.4	21.5
40°-50°	67.8	10.9
50°-60°	25.2	4.0
60°-70°	16.9	2.7
70°-80°	9.3	1.5
80°-90°	2.8	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°	367.5	58.9
0°-40°	501.9	80.4
0°-60°	594.9	95.3
0°-90°	624.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	624.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	650	
5°	634	59
15°	517	144
25°	359	165
35°	217	134
45°	86	68
55°	26	25
65°	17	17
75°	8	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	650.0
1°	649.3
2°	647.7
3°	644.6
4°	640.0
5°	633.8
6°	626.1
7°	618.4
8°	608.4
9°	598.4
10°	586.8
11°	574.5
12°	561.4
13°	546.7
14°	531.3
15°	516.6
17.5°	477.3
20°	437.2
22.5°	396.3
25°	359.3
27.5°	323.1
30°	287.6
32.5°	252.1
35°	216.7
37.5°	181.2
40°	146.5
42.5°	114.1
45°	85.6
47.5°	61.7
50°	42.4
52.5°	30.8
55°	26.2
57.5°	23.9
60°	21.6
62.5°	19.3
65°	17.0
67.5°	14.7
70°	13.1
72.5°	10.8
75°	8.5
77.5°	6.9
80°	5.4
82.5°	3.9
85°	2.3
87.5°	1.5



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)