

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: P1296665

Luminaire Tested: P3A13R35W2N902750DE010 E3CD1MB_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296665
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902750DE010 E3CD1MB_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

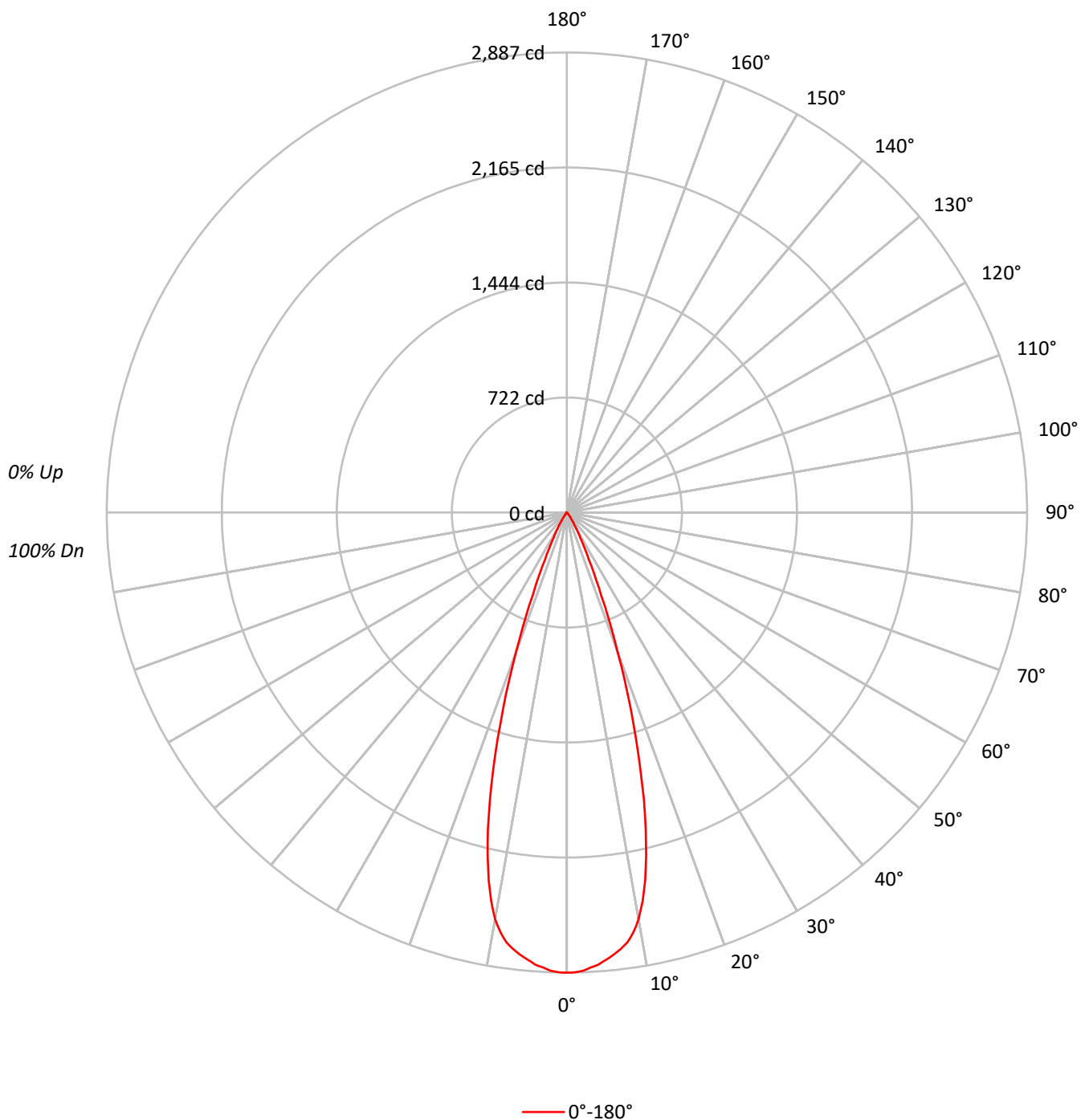
Lumens per Lamp: N/A
Luminaire Lumens: 971.0 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0				0				0
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100											100
1	115	113	111	109	112	110	109	107	106	105	104	103	102	101	99	99	98	96											96
2	111	107	104	101	109	105	103	100	102	100	98	99	98	96	97	95	94	93											93
3	107	102	98	95	105	101	97	95	98	96	93	96	94	92	94	92	90	89											89
4	104	98	94	91	102	97	93	90	95	92	89	93	90	88	91	89	87	86											86
5	100	94	90	87	99	93	89	86	92	88	86	90	87	85	89	86	84	83											83
6	97	91	86	83	96	90	86	83	89	85	82	87	84	82	86	83	81	80											80
7	94	87	83	80	93	87	83	80	86	82	79	85	81	79	84	81	79	78											78
8	91	84	80	77	90	84	80	77	83	79	77	82	79	76	81	78	76	75											75
9	89	82	77	74	88	81	77	74	80	77	74	80	76	74	79	76	74	73											73
10	86	79	75	72	85	79	75	72	78	74	72	77	74	72	77	74	71	70											70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	633151
5°	620249
10°	577032
15°	423044
20°	216622
25°	78077
30°	30410
35°	10654
40°	4380
45°	1178
50°	1058
55°	1185
60°	1009
65°	778
70°	962
75°	1271
80°	1010
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 1344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	262.7	27.1
10°-20°	492.9	50.8
20°-30°	174.5	18.0
30°-40°	30.6	3.1
40°-50°	4.5	0.5
50°-60°	2.5	0.3
60°-70°	1.8	0.2
70°-80°	1.3	0.1
80°-90°	0.3	0.0
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°	930.1	95.8
0°-40°	960.6	98.9
0°-60°	967.6	99.6
0°-90°	971.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	971.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2887	
5°	2818	263
15°	1864	493
25°	323	175
35°	40	31
45°	4	4
55°	3	3
65°	2	2
75°	2	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2887.4
1°	2886.7
2°	2877.5
3°	2859.9
4°	2843.8
5°	2817.8
6°	2791.1
7°	2761.3
8°	2724.5
9°	2667.2
10°	2591.5
11°	2486.7
12°	2360.6
13°	2210.7
14°	2045.5
15°	1863.5
17.5°	1387.9
20°	928.3
22.5°	559.7
25°	322.7
27.5°	192.7
30°	120.1
32.5°	69.6
35°	39.8
37.5°	25.2
40°	15.3
42.5°	7.6
45°	3.8
47.5°	3.1
50°	3.1
52.5°	3.1
55°	3.1
57.5°	2.3
60°	2.3
62.5°	2.3
65°	1.5
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)