

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: P1300478

Luminaire Tested: P3A17R35W2N902750DE010 E3D1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300478
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: P3A17R35W2N902750DE010 E3D1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 90CRI ,
E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

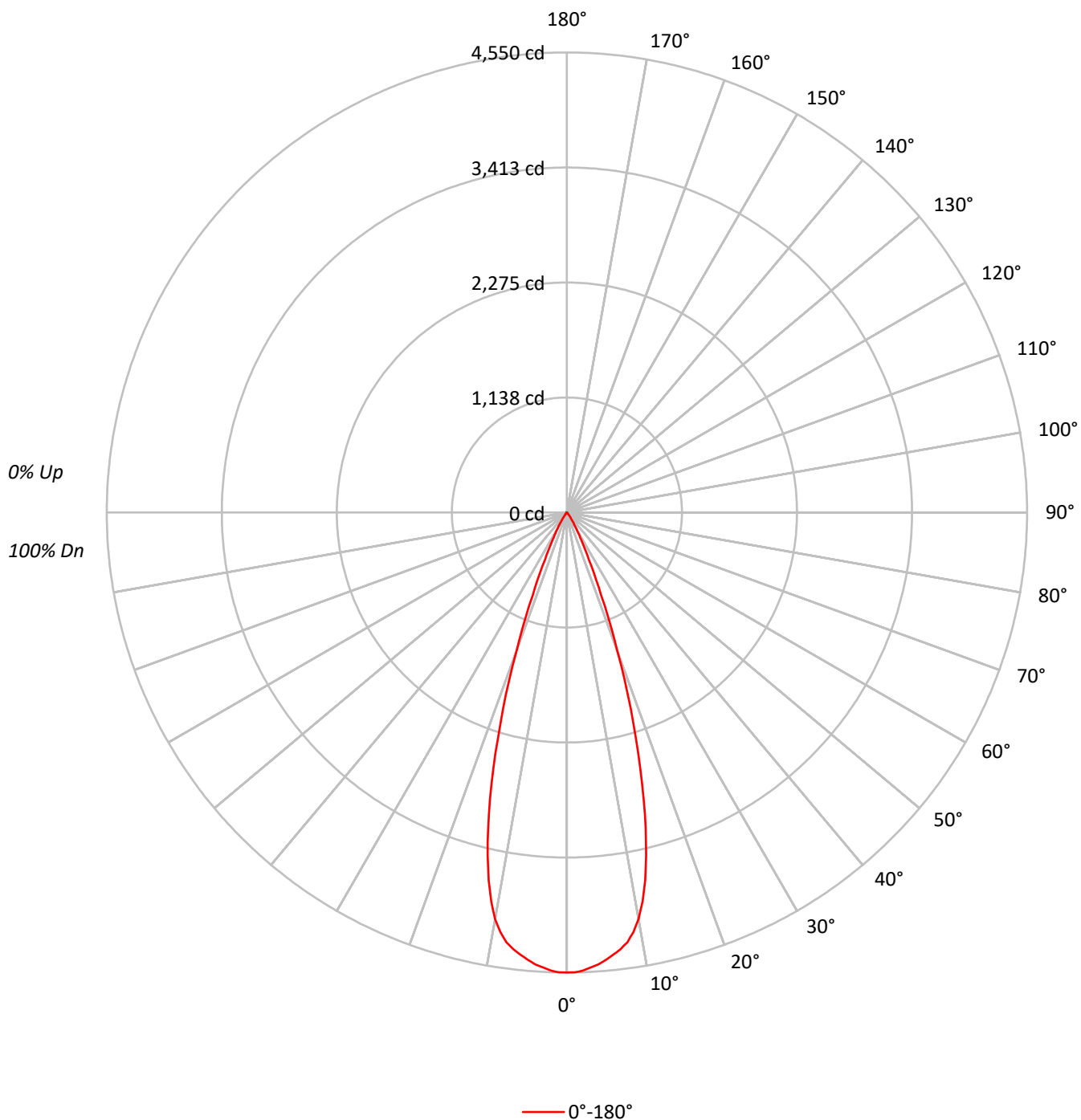
Lumens per Lamp: N/A
Luminaire Lumens: 1529.9 lumens
Efficiency: N/A
Efficacy: 78.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.52
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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
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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99	99	98		96
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97	95	94		93
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94	92	90		89
4	104	98	94	91	102	97	93	90	95	92	89		93	90	88		91	89	87		86
5	100	94	90	87	99	93	89	86	92	88	86		90	87	85		89	86	84		83
6	97	91	86	83	96	90	86	83	89	85	82		87	84	82		86	83	81		80
7	94	87	83	80	93	87	83	80	86	82	79		85	81	79		84	81	79		78
8	91	84	80	77	90	84	80	77	83	79	77		82	79	76		81	78	76		75
9	89	82	77	74	88	81	77	74	80	77	74		80	76	74		79	76	74		73
10	86	79	75	72	85	79	75	72	78	74	72		77	74	72		77	74	71		70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	997661
5°	977347
10°	909224
15°	666587
20°	341326
25°	123031
30°	47906
35°	16784
40°	6899
45°	1861
50°	1637
55°	1835
60°	1579
65°	1245
70°	1539
75°	2033
80°	1515
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 75°

Luminance: 2033 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	413.9	27.1
10°-20°	776.6	50.8
20°-30°	275.0	18.0
30°-40°	48.2	3.1
40°-50°	7.0	0.5
50°-60°	3.9	0.3
60°-70°	2.8	0.2
70°-80°	2.1	0.1
80°-90°	0.5	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°	1465.5	95.8
0°-40°	1513.7	98.9
0°-60°	1524.6	99.6
0°-90°	1529.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1529.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4550	
5°	4440	414
15°	2936	777
25°	508	275
35°	63	48
45°	6	7
55°	5	4
65°	2	3
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4549.7
1°	4548.5
2°	4534.0
3°	4506.3
4°	4481.0
5°	4440.1
6°	4397.9
7°	4350.9
8°	4293.1
9°	4202.7
10°	4083.4
11°	3918.3
12°	3719.5
13°	3483.4
14°	3223.1
15°	2936.3
17.5°	2186.9
20°	1462.7
22.5°	882.0
25°	508.5
27.5°	303.6
30°	189.2
32.5°	109.6
35°	62.7
37.5°	39.8
40°	24.1
42.5°	12.0
45°	6.0
47.5°	4.8
50°	4.8
52.5°	4.8
55°	4.8
57.5°	3.6
60°	3.6
62.5°	3.6
65°	2.4
67.5°	2.4
70°	2.4
72.5°	2.4
75°	2.4
77.5°	1.2
80°	1.2
82.5°	1.2
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)