

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: P1270130

Luminaire Tested: P3A17R259740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270130
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

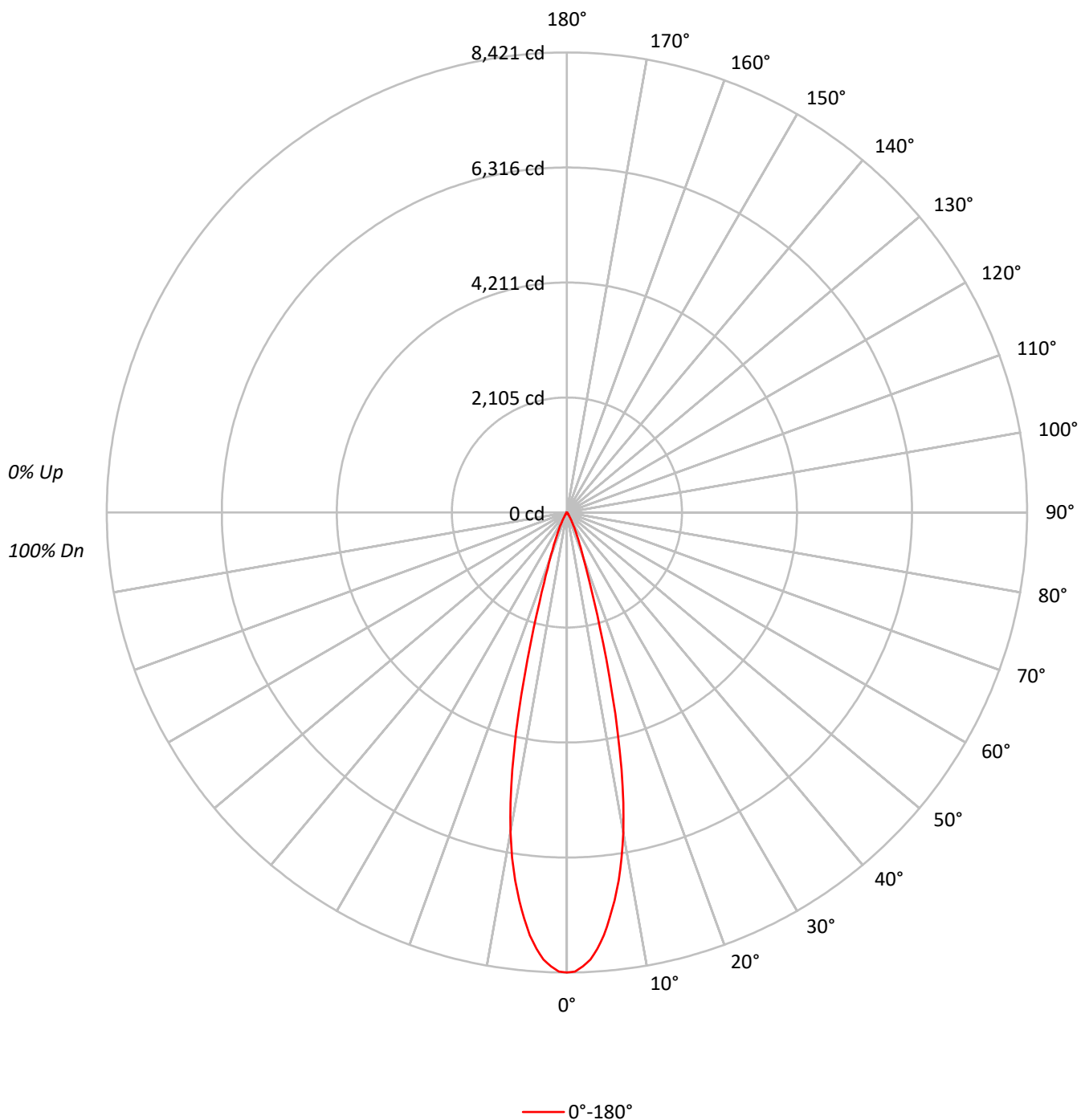
Lumens per Lamp: N/A
Luminaire Lumens: 1686.0 lumens
Efficiency: N/A
Efficacy: 79.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1846475
5°	1710495
10°	1323445
15°	632126
20°	208408
25°	87852
30°	34056
35°	14723
40°	4895
45°	2264
50°	819
55°	459
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2264 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	683.1	40.5
10°-20°	776.9	46.1
20°-30°	180.5	10.7
30°-40°	37.9	2.2
40°-50°	6.1	0.4
50°-60°	1.0	0.1
60°-70°	0.5	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	1640.5	97.3
0°-40°	1678.3	99.5
0°-60°	1685.4	100.0
0°-90°	1686.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1686.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8421	
5°	7771	683
15°	2784	777
25°	363	181
35°	55	38
45°	7	6
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	8420.6
1°	8403.5
2°	8316.1
3°	8193.2
4°	8005.6
5°	7770.8
6°	7469.5
7°	7154.0
8°	6800.1
9°	6400.9
10°	5943.7
11°	5413.7
12°	4805.4
13°	4139.1
14°	3442.2
15°	2784.5
16°	2202.5
17°	1715.9
18°	1349.7
19°	1079.6
20°	893.1
21°	746.4
22°	626.6
23°	523.3
24°	437.7
25°	363.1
27.5°	215.2
30°	134.5
32.5°	86.2
35°	55.0
37.5°	33.0
40°	17.1
42.5°	11.0
45°	7.3
47.5°	4.3
50°	2.4
52.5°	1.2
55°	1.2
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)