

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: P1267721

Luminaire Tested: P3A17R209735DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267721
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209735DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

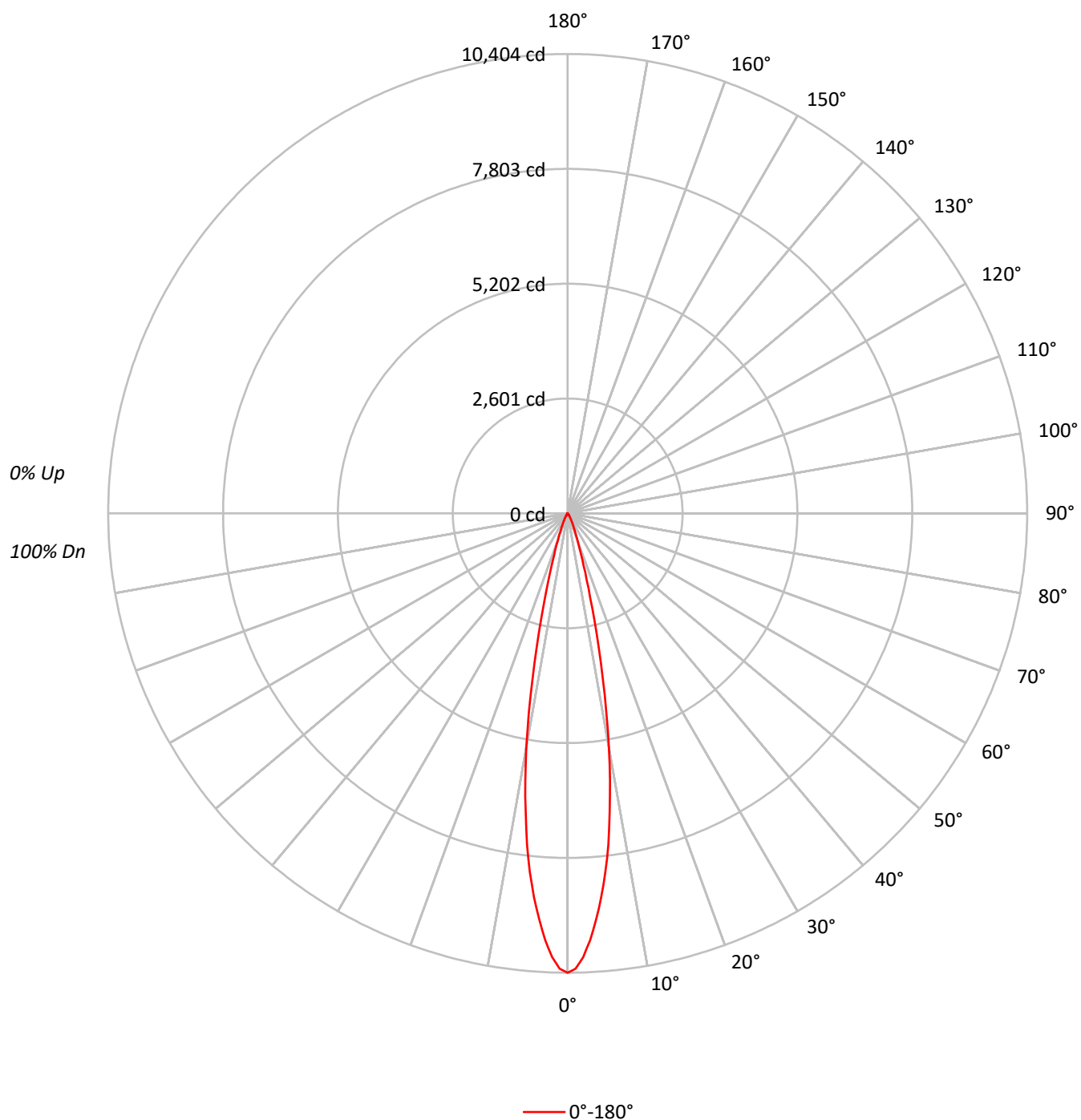
Lumens per Lamp: N/A
Luminaire Lumens: 1504.0 lumens
Efficiency: N/A
Efficacy: 70.9 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	114	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	98	96	95	95	95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	93	93
4	106	101	98	95	105	100	97	95	99	96	94	97	95	93	95	93	92	91	91	91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	90	89	89	89
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	92	89	88	87	87	87
7	99	93	90	87	98	93	89	87	92	89	86	91	88	86	90	87	86	85	85	85
8	97	91	87	85	96	91	87	85	90	87	85	89	86	84	88	86	84	83	83	83
9	95	89	85	83	94	89	85	83	88	85	83	87	84	83	87	84	82	81	81	81
10	93	87	84	81	92	87	83	81	86	83	81	86	83	81	85	83	81	80	80	80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2281440
5°	1920862
10°	1199755
15°	448538
20°	153967
25°	64165
30°	30232
35°	13545
40°	6383
45°	3287
50°	1194
55°	229
60°	263
65°	311
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3287 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	725.7	48.2
10°-20°	597.8	39.7
20°-30°	135.8	9.0
30°-40°	34.6	2.3
40°-50°	8.7	0.6
50°-60°	1.1	0.1
60°-70°	0.4	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°	1459.3	97.0
0°-40°	1493.8	99.3
0°-60°	1503.7	100.0
0°-90°	1504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	10404	
5°	8726	726
15°	1976	598
25°	265	136
35°	51	35
45°	11	9
55°	1	1
65°	1	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	10404.2
1°	10316.0
2°	10056.1
3°	9683.3
4°	9225.8
5°	8726.5
6°	8170.3
7°	7556.3
8°	6840.1
9°	6130.3
10°	5388.2
11°	4598.5
12°	3809.9
13°	3141.9
14°	2503.3
15°	1975.8
16°	1559.5
17°	1230.2
18°	988.5
19°	803.9
20°	659.8
21°	551.6
22°	460.4
23°	382.8
24°	319.3
25°	265.2
27.5°	173.5
30°	119.4
32.5°	73.5
35°	50.6
37.5°	32.3
40°	22.3
42.5°	15.3
45°	10.6
47.5°	7.1
50°	3.5
52.5°	1.8
55°	0.6
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.0
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)