

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: P1266206

Luminaire Tested: P3A02R259735DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266206
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: P3A02R259735DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

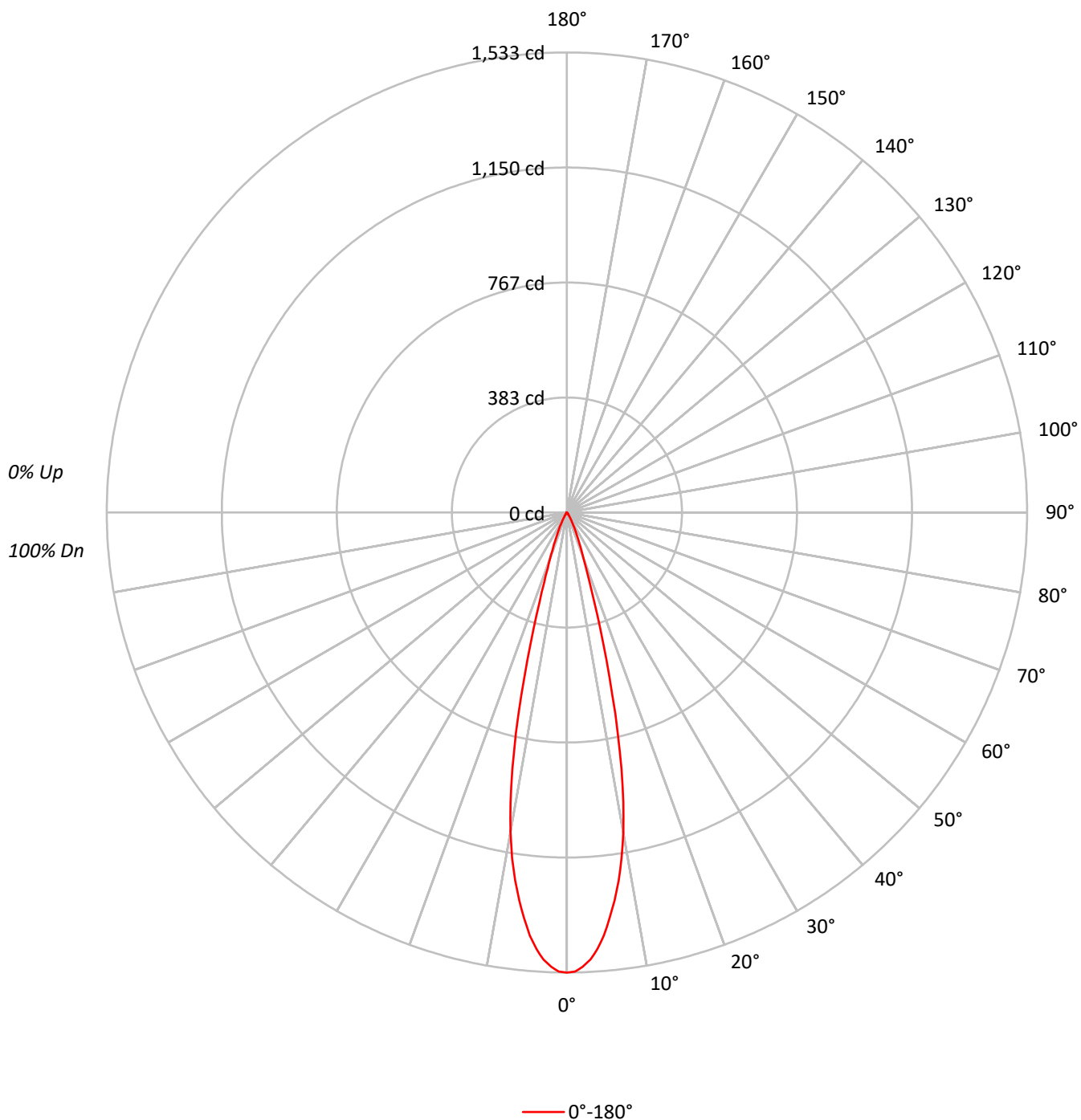
Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1266206

CATALOG NUMBER: P3A02R259735DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1266206

CATALOG NUMBER: P3A02R259735DE010 E3D1WMH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	336223
5°	311467
10°	240989
15°	115097
20°	37943
25°	15993
30°	6203
35°	2677
40°	887
45°	403
50°	136
55°	76
60°	44
65°	52
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 403 cd/sqm

TEST NUMBER: P1266206

CATALOG NUMBER: P3A02R259735DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.4	40.5
10°-20°	141.5	46.1
20°-30°	32.9	10.7
30°-40°	6.9	2.2
40°-50°	1.1	0.4
50°-60°	0.2	0.1
60°-70°	0.1	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°	298.7	97.3
0°-40°	305.6	99.6
0°-60°	306.9	100.0
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1533	
5°	1415	124
15°	507	141
25°	66	33
35°	10	7
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1266206

CATALOG NUMBER: P3A02R259735DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1533.3
1°	1530.2
2°	1514.3
3°	1491.9
4°	1457.7
5°	1415.0
6°	1360.1
7°	1302.7
8°	1238.2
9°	1165.5
10°	1082.3
11°	985.8
12°	875.0
13°	753.7
14°	626.8
15°	507.0
16°	401.1
17°	312.4
18°	245.8
19°	196.6
20°	162.6
21°	135.9
22°	114.1
23°	95.3
24°	79.7
25°	66.1
27.5°	39.2
30°	24.5
32.5°	15.7
35°	10.0
37.5°	6.0
40°	3.1
42.5°	2.0
45°	1.3
47.5°	0.8
50°	0.4
52.5°	0.2
55°	0.2
57.5°	0.1
60°	0.1
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.0
72.5°	0.0



TEST NUMBER: P1266206

CATALOG NUMBER: P3A02R259735DE010 E3D1WMH

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)