

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: P1264238

Luminaire Tested: P3A05R259730DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264238
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: P3A05R259730DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

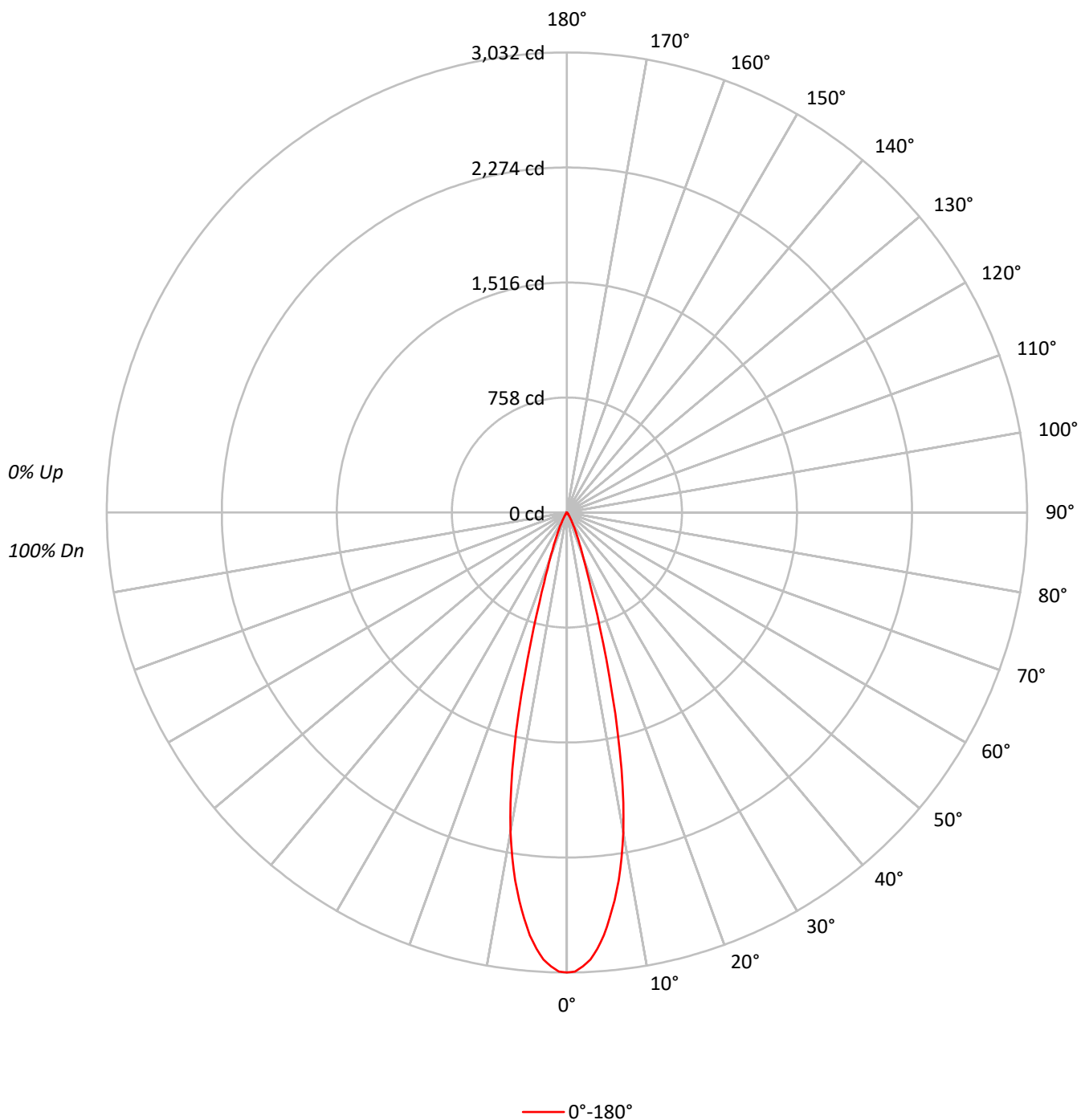
Lumens per Lamp: N/A
Luminaire Lumens: 607.0 lumens
Efficiency: N/A
Efficacy: 84.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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
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	80	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°	664771
5°	615825
10°	476477
15°	227584
20°	75023
25°	31623
30°	12255
35°	5300
40°	1775
45°	806
50°	307
55°	153
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 806 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	245.9	40.5
10°-20°	279.7	46.1
20°-30°	65.0	10.7
30°-40°	13.6	2.2
40°-50°	2.2	0.4
50°-60°	0.3	0.1
60°-70°	0.2	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°	590.6	97.3
0°-40°	604.2	99.6
0°-60°	606.8	100.0
0°-90°	607.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	607.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3032	
5°	2798	246
15°	1002	280
25°	131	65
35°	20	14
45°	3	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	3031.6
1°	3025.5
2°	2994.0
3°	2949.8
4°	2882.2
5°	2797.7
6°	2689.2
7°	2575.6
8°	2448.2
9°	2304.5
10°	2139.9
11°	1949.0
12°	1730.1
13°	1490.2
14°	1239.3
15°	1002.5
16°	793.0
17°	617.8
18°	485.9
19°	388.7
20°	321.5
21°	268.7
22°	225.6
23°	188.4
24°	157.6
25°	130.7
27.5°	77.5
30°	48.4
32.5°	31.0
35°	19.8
37.5°	11.9
40°	6.2
42.5°	4.0
45°	2.6
47.5°	1.5
50°	0.9
52.5°	0.4
55°	0.4
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
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)