

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: P1269781

Luminaire Tested: P3A13R259740DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269781
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: P3A13R259740DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

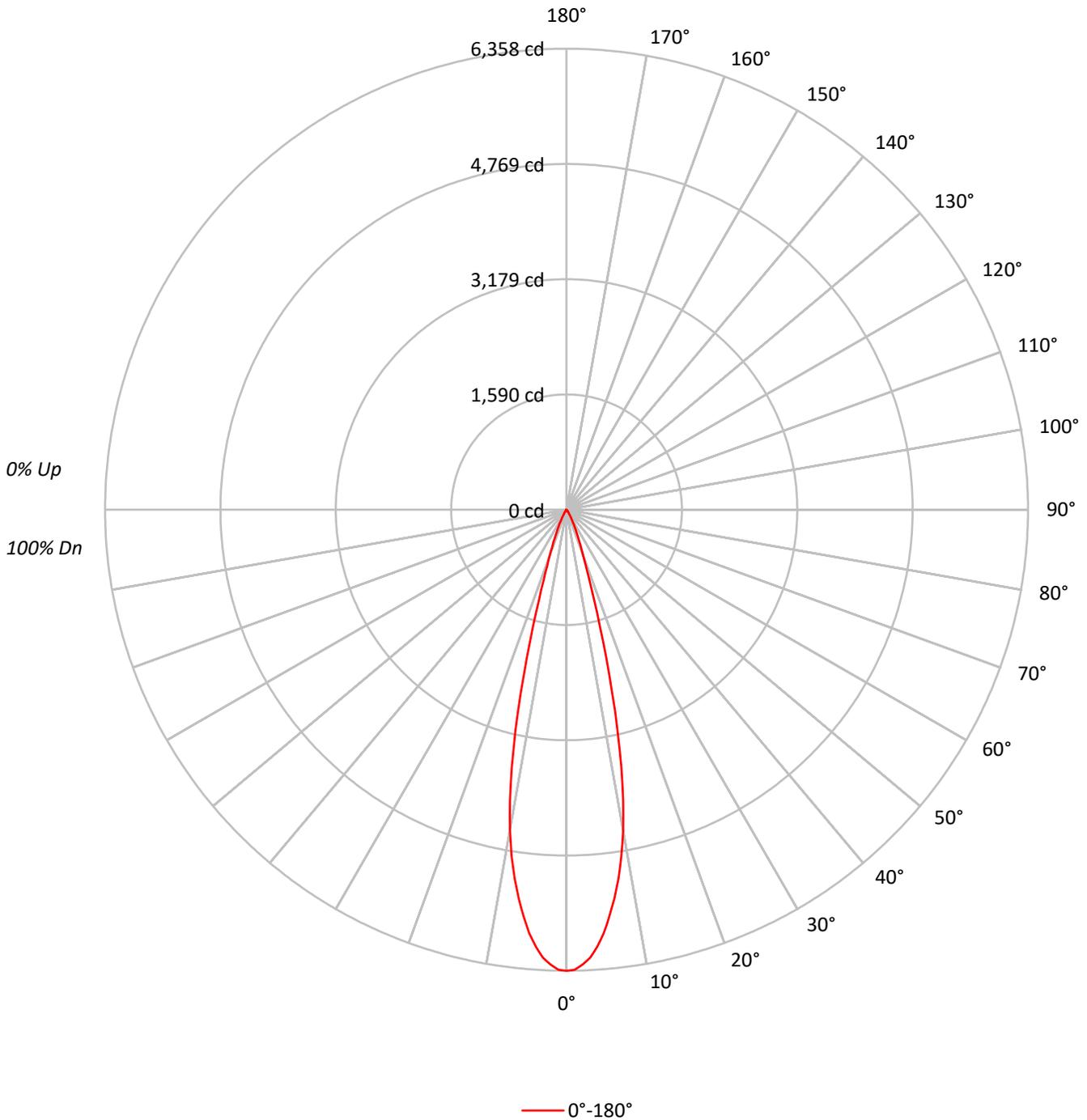
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1273.0 lumens
Efficiency: N/A
Efficacy: 87.2 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): 14.6
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

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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			0	
RW	70	50	30	10	70	50	30	10	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	99	99	100
1	115	113	111	110	113	111	110	108	107	106	105	104	103	102	100	99	99	97	97	97	97
2	112	108	106	103	110	107	104	102	104	102	100	101	99	98	98	97	96	96	96	96	94
3	109	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	92	92	92
4	106	101	97	94	104	100	96	94	98	95	92	96	93	91	94	92	90	89	89	89	89
5	103	97	93	91	101	96	93	90	95	92	90	93	91	89	92	90	88	87	87	87	87
6	100	94	90	88	99	94	90	87	92	89	87	91	88	86	90	88	86	85	85	85	85
7	98	92	88	85	97	91	87	85	90	87	84	89	86	84	88	86	84	83	83	83	83
8	95	89	85	83	94	89	85	83	88	85	82	87	84	82	86	84	82	81	81	81	81
9	93	87	83	81	92	86	83	80	86	83	80	85	82	80	84	82	80	79	79	79	79
10	91	85	81	79	90	84	81	79	84	81	78	83	80	78	83	80	78	77	77	77	77

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1394165
5°	1291500
10°	999247
15°	477279
20°	157350
25°	66343
30°	25700
35°	11109
40°	3693
45°	1706
50°	614
55°	344
60°	219
65°	259
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1706 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	515.7	40.5
10°-20°	586.6	46.1
20°-30°	136.3	10.7
30°-40°	28.6	2.2
40°-50°	4.6	0.4
50°-60°	0.8	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°	1238.6	97.3
0°-40°	1267.2	99.5
0°-60°	1272.6	100.0
0°-90°	1273.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1273.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6358	
5°	5867	516
15°	2102	587
25°	274	136
35°	42	29
45°	6	5
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	6357.9
1°	6345.0
2°	6279.0
3°	6186.2
4°	6044.5
5°	5867.3
6°	5639.8
7°	5401.6
8°	5134.4
9°	4833.0
10°	4487.7
11°	4087.5
12°	3628.3
13°	3125.2
14°	2599.0
15°	2102.4
16°	1663.0
17°	1295.6
18°	1019.1
19°	815.1
20°	674.3
21°	563.6
22°	473.1
23°	395.1
24°	330.5
25°	274.2
27.5°	162.5
30°	101.5
32.5°	65.1
35°	41.5
37.5°	24.9
40°	12.9
42.5°	8.3
45°	5.5
47.5°	3.2
50°	1.8
52.5°	0.9
55°	0.9
57.5°	0.5
60°	0.5
62.5°	0.5
65°	0.5
67.5°	0.5
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)