

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: P1286261

Luminaire Tested: P3AS02R609030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286261
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

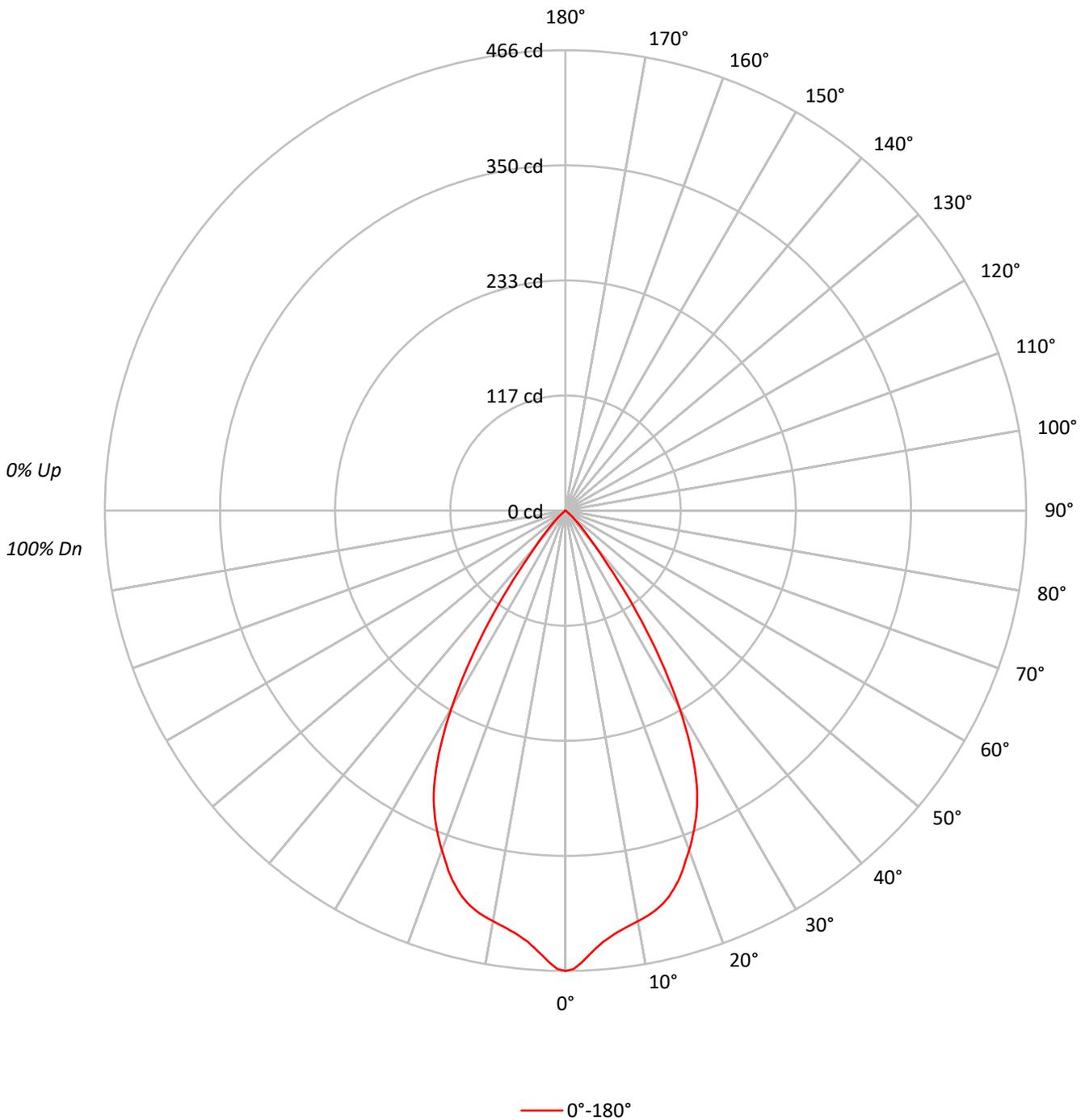
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 390.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
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				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				100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94				94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88				88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82				82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77				77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72				72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69	67				67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63				63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59				59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56				56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53				53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	102185
5°	96456
10°	93964
15°	91805
20°	85361
25°	76311
30°	58287
35°	33649
40°	13053
45°	5427
50°	1194
55°	191
60°	132
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5427 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	10.6
10°-20°	112.7	28.9
20°-30°	141.1	36.2
30°-40°	78.9	20.2
40°-50°	15.0	3.8
50°-60°	0.8	0.2
60°-70°	0.2	0.1
70°-80°	0.1	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°	295.1	75.7
0°-40°	374.0	95.9
0°-60°	389.7	99.9
0°-90°	390.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	390.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	466	
5°	438	41
15°	404	113
25°	315	141
35°	126	79
45°	18	15
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	466.0
1°	464.1
2°	458.0
3°	450.8
4°	444.1
5°	438.2
6°	433.8
7°	429.9
8°	427.1
9°	424.4
10°	422.0
11°	419.6
12°	416.9
13°	413.5
14°	409.5
15°	404.4
16°	398.2
17°	391.2
18°	383.2
19°	374.1
20°	365.8
21°	356.9
22°	347.6
23°	337.9
24°	327.2
25°	315.4
26°	301.5
27°	286.0
28°	268.7
29°	250.2
30°	230.2
31°	210.1
32°	189.4
32.5°	178.0
33°	167.8
34°	146.6
35°	125.7
36°	106.9
37°	86.9
37.5°	77.9
38°	68.9
39°	55.5
40°	45.6
42.5°	27.8
45°	17.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	9.7
50°	3.5
52.5°	0.8
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
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)