

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: P1286375

Luminaire Tested: P3AS05R209030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286375
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: P3AS05R209030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

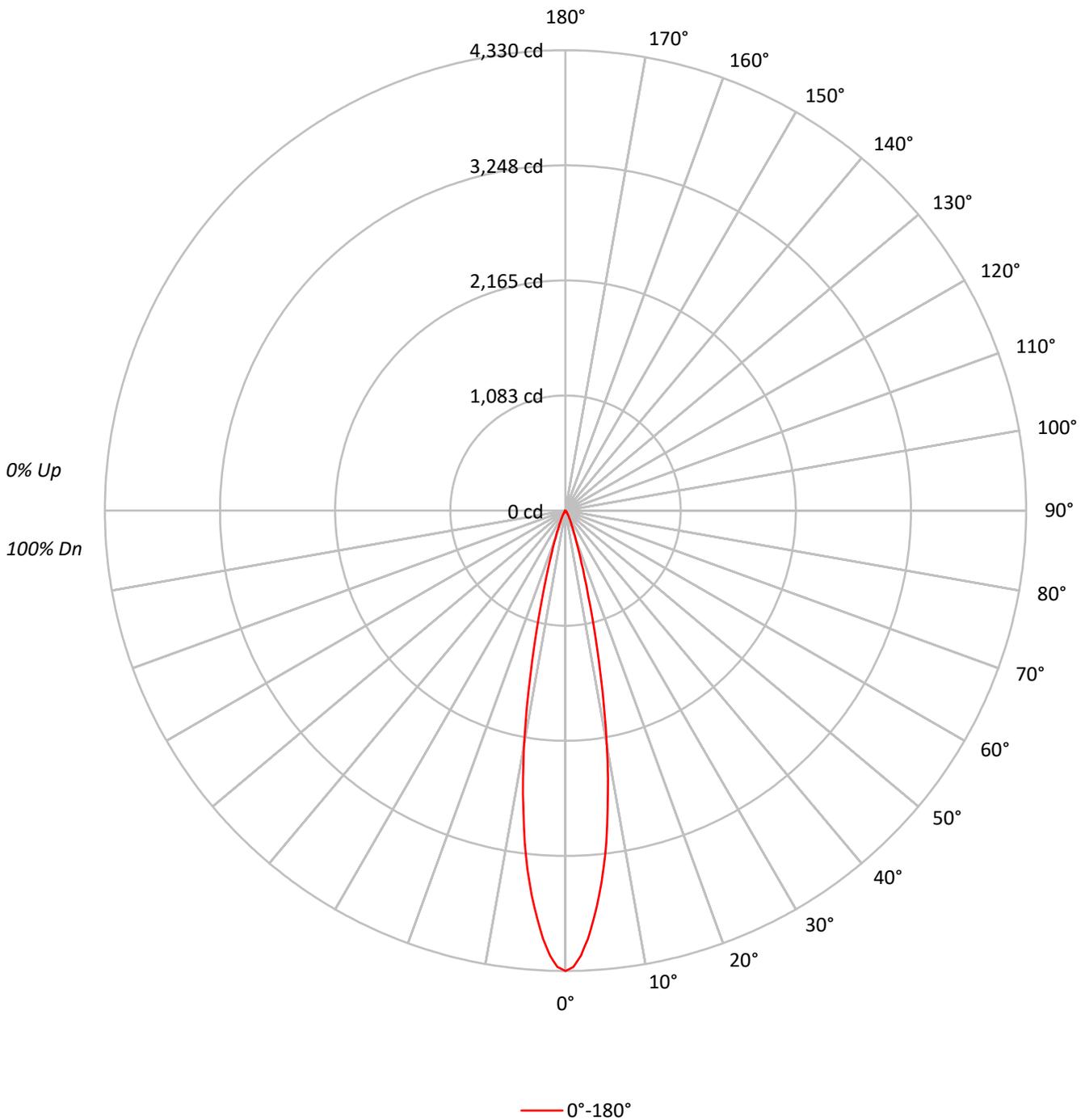
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 625.9 lumens
Efficiency: N/A
Efficacy: 56.4 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): 11.1
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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CATALOG NUMBER: P3AS05R209030D2WDE010 E3D1H

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	949595
5°	799514
10°	499367
15°	186698
20°	64079
25°	26711
30°	12584
35°	5622
40°	2662
45°	1364
50°	512
55°	76
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 1364 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	302.0	48.3
10°-20°	248.8	39.7
20°-30°	56.5	9.0
30°-40°	14.4	2.3
40°-50°	3.6	0.6
50°-60°	0.4	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°	607.4	97.0
0°-40°	621.8	99.3
0°-60°	625.8	100.0
0°-90°	625.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	625.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4330	
5°	3632	302
15°	822	249
25°	110	57
35°	21	14
45°	4	4
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	4330.5
1°	4293.8
2°	4185.6
3°	4030.4
4°	3840.0
5°	3632.2
6°	3400.7
7°	3145.1
8°	2847.0
9°	2551.6
10°	2242.7
11°	1914.0
12°	1585.8
13°	1307.7
14°	1041.9
15°	822.4
16°	649.1
17°	512.0
18°	411.4
19°	334.6
20°	274.6
21°	229.6
22°	191.6
23°	159.3
24°	132.9
25°	110.4
27.5°	72.2
30°	49.7
32.5°	30.6
35°	21.0
37.5°	13.5
40°	9.3
42.5°	6.4
45°	4.4
47.5°	2.9
50°	1.5
52.5°	0.7
55°	0.2
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.2
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)