

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: P1286249

Luminaire Tested: P3AS02R559030D2WDE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286249
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559030D2WDE010 E3DLP1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

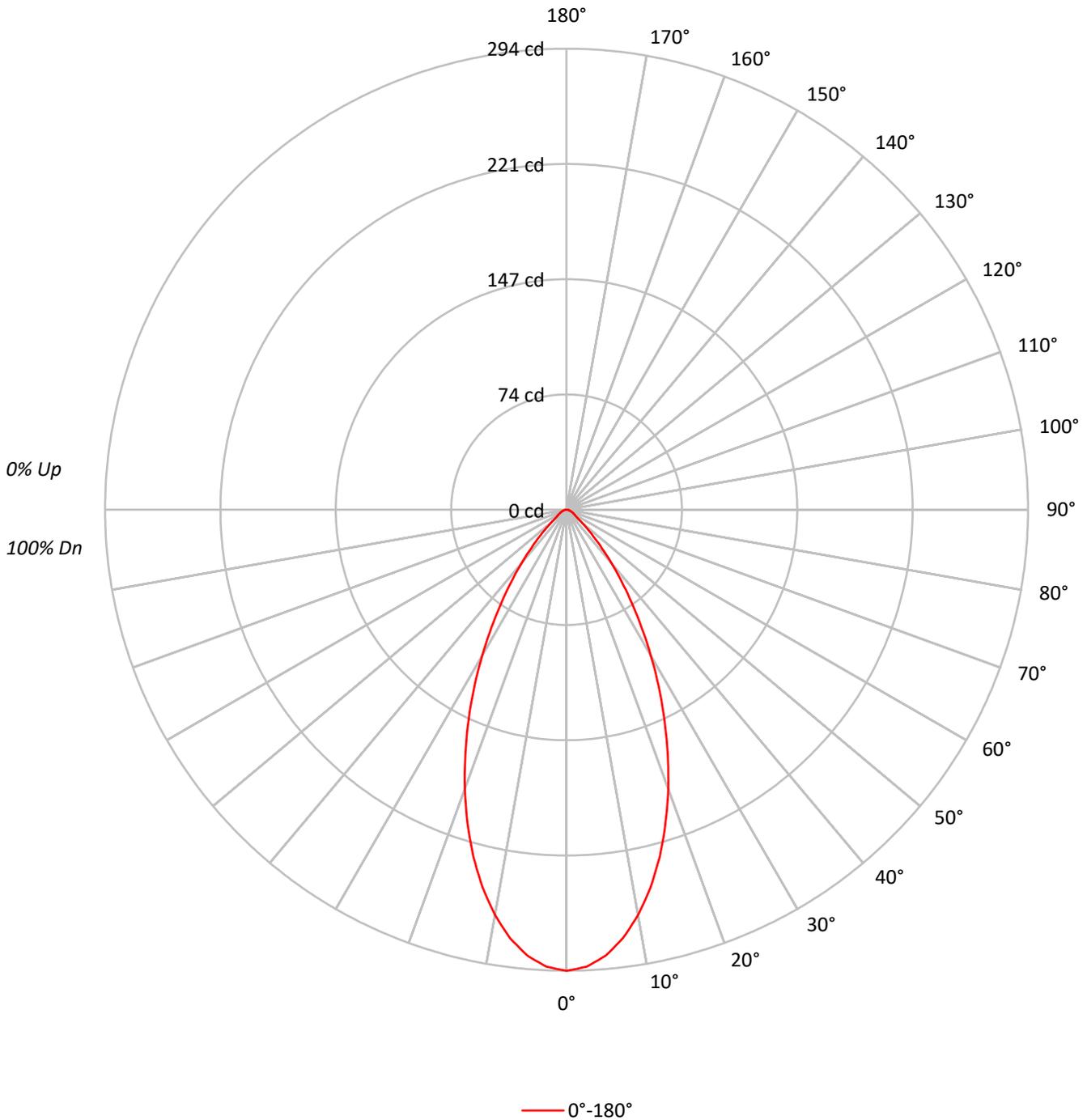
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 237.0 lumens
Efficiency: N/A
Efficacy: 32.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92				92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85				85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79				79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73				73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67				67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55				55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52				52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49				49

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	64469
5°	62844
10°	58427
15°	52032
20°	44221
25°	35688
30°	27194
35°	19354
40°	12767
45°	7567
50°	4435
55°	2753
60°	2412
65°	2179
70°	1859
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7567 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.5	11.2
10°-20°	63.5	26.8
20°-30°	67.3	28.4
30°-40°	45.5	19.2
40°-50°	19.9	8.4
50°-60°	7.1	3.0
60°-70°	4.2	1.8
70°-80°	2.2	0.9
80°-90°	0.7	0.3
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°	157.4	66.4
0°-40°	202.8	85.6
0°-60°	229.9	97.0
0°-90°	237.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	237.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	294	
5°	286	27
15°	229	64
25°	148	67
35°	72	45
45°	24	20
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	294.0
2.5°	291.7
5°	285.5
7.5°	275.5
10°	262.4
12.5°	246.8
15°	229.2
17.5°	209.7
20°	189.5
22.5°	168.3
25°	147.5
27.5°	127.0
30°	107.4
32.5°	88.9
35°	72.3
37.5°	57.3
40°	44.6
42.5°	33.5
45°	24.4
47.5°	17.9
50°	13.0
52.5°	9.1
55°	7.2
57.5°	6.5
60°	5.5
62.5°	4.9
65°	4.2
67.5°	3.6
70°	2.9
72.5°	2.6
75°	2.0
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)