

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: P1250872

Luminaire Tested: P3AS02R459030DE010 E3DLP1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250872
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R459030DE010 E3DLP1WMH
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

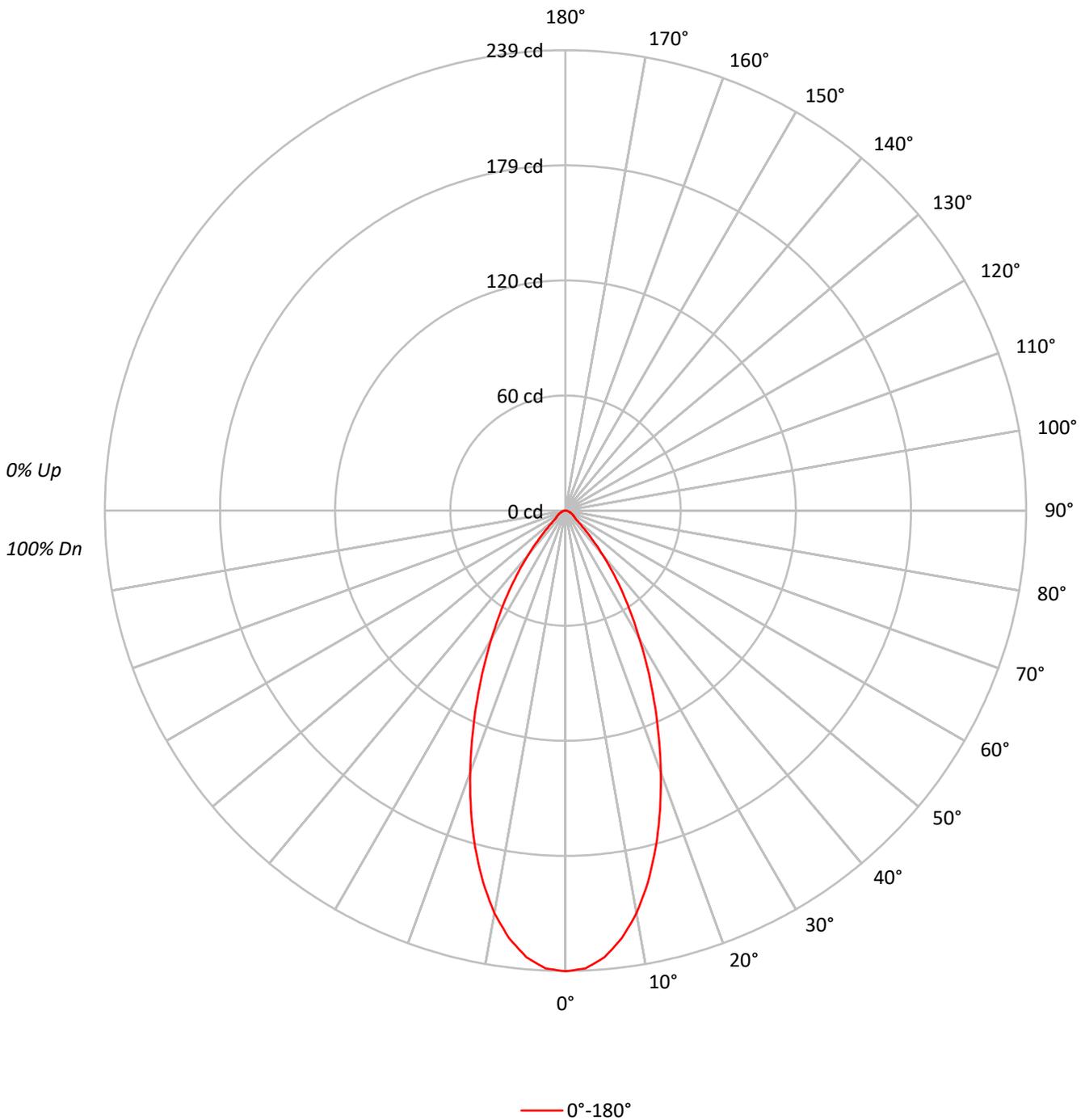
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 176.0 lumens
Efficiency: N/A
Efficacy: 48.9 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	62	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52430
5°	51222
10°	47249
15°	41090
20°	33766
25°	26276
30°	19395
35°	13652
40°	8530
45°	4621
50°	2490
55°	2141
60°	1930
65°	1660
70°	1410
75°	1440
80°	1263
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 4621 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	12.2
10°-20°	50.0	28.4
20°-30°	49.7	28.2
30°-40°	32.0	18.2
40°-50°	12.3	7.0
50°-60°	5.0	2.8
60°-70°	3.2	1.8
70°-80°	1.7	1.0
80°-90°	0.5	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°	121.3	68.9
0°-40°	153.3	87.1
0°-60°	170.6	96.9
0°-90°	176.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	176.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	239	
5°	233	22
15°	181	50
25°	109	50
35°	51	32
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	239.1
2.5°	237.9
5°	232.7
7.5°	223.9
10°	212.2
12.5°	197.6
15°	181.0
17.5°	163.0
20°	144.7
22.5°	126.1
25°	108.6
27.5°	92.0
30°	76.6
32.5°	63.2
35°	51.0
37.5°	40.0
40°	29.8
42.5°	21.5
45°	14.9
47.5°	10.0
50°	7.3
52.5°	6.1
55°	5.6
57.5°	4.9
60°	4.4
62.5°	3.7
65°	3.2
67.5°	2.7
70°	2.2
72.5°	2.0
75°	1.7
77.5°	1.2
80°	1.0
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)