

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: P1275313

Luminaire Tested: P3AS05R159835DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275313
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R159835DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

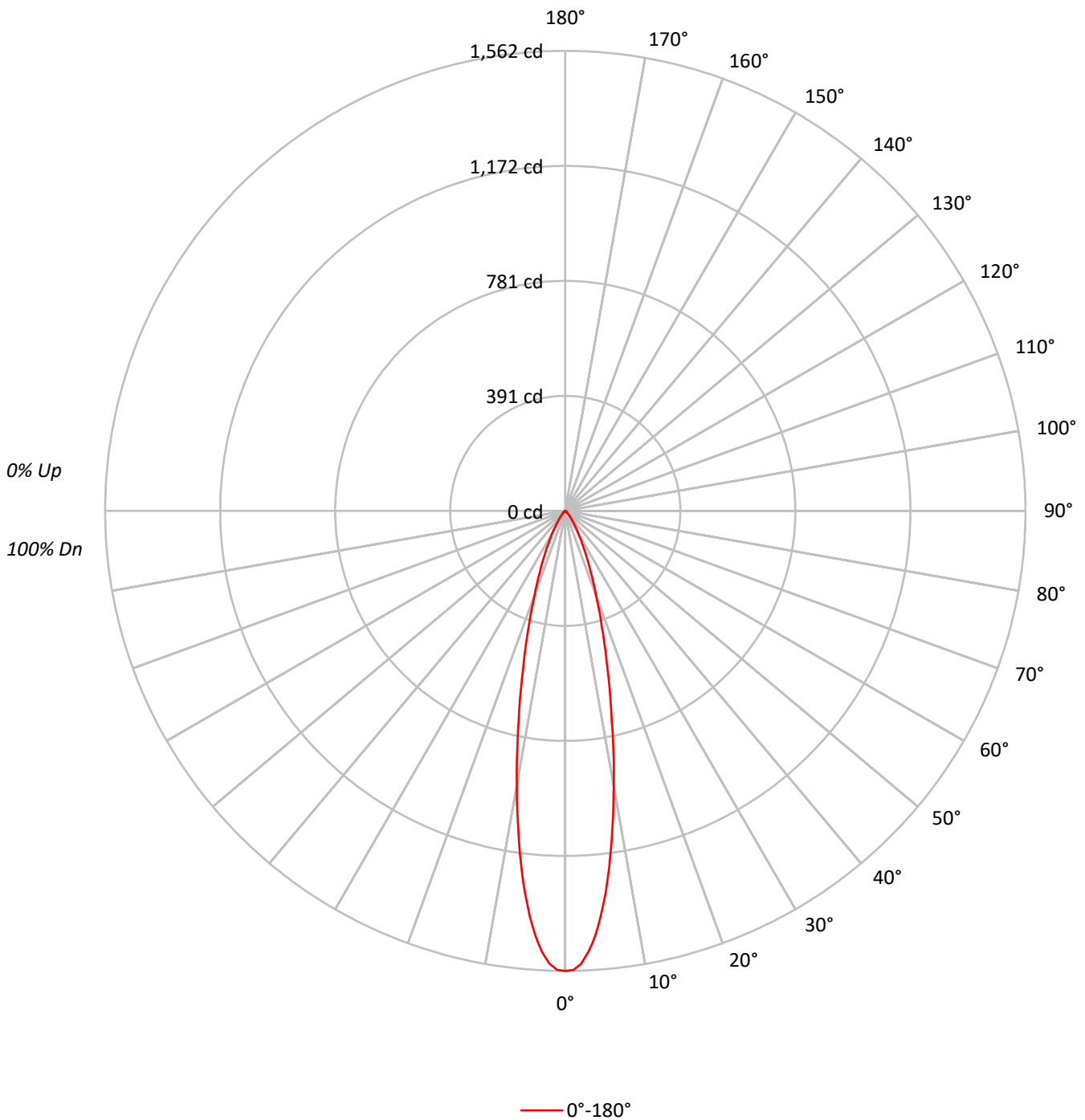
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 401.0 lumens
Efficiency: N/A
Efficacy: 55.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
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					
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	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	93	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	90	88	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	86	85	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	82	81	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	79	78	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	76	75	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	73	72	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	71	70	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	68	67	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	66	65	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	342560
5°	304071
10°	211174
15°	124882
20°	71126
25°	40648
30°	22484
35°	11993
40°	6641
45°	3597
50°	2252
55°	1759
60°	1535
65°	1401
70°	1218
75°	1271
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3597 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	117.5	29.3
10°-20°	155.0	38.7
20°-30°	79.8	19.9
30°-40°	30.0	7.5
40°-50°	9.8	2.4
50°-60°	4.2	1.1
60°-70°	2.7	0.7
70°-80°	1.6	0.4
80°-90°	0.4	0.1
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°	352.3	87.9
0°-40°	382.3	95.3
0°-60°	396.3	98.8
0°-90°	401.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1562	
5°	1381	117
15°	550	155
25°	168	80
35°	45	30
45°	12	10
55°	5	4
65°	3	3
75°	2	2
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1562.2
1°	1559.1
2°	1538.6
3°	1499.6
4°	1448.2
5°	1381.4
6°	1305.7
7°	1222.6
8°	1130.3
9°	1039.1
10°	948.4
12.5°	729.7
15°	550.1
17.5°	411.8
20°	304.8
22.5°	227.5
25°	168.0
27.5°	122.5
30°	88.8
32.5°	63.0
35°	44.8
37.5°	32.1
40°	23.2
42.5°	16.6
45°	11.6
47.5°	8.5
50°	6.6
52.5°	5.4
55°	4.6
57.5°	3.9
60°	3.5
62.5°	3.1
65°	2.7
67.5°	2.3
70°	1.9
72.5°	1.9
75°	1.5
77.5°	1.2
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.0
90°	0.0

(END OF REPORT)