

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: P1266943

Luminaire Tested: P3AS09R159735DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266943
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: P3AS09R159735DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

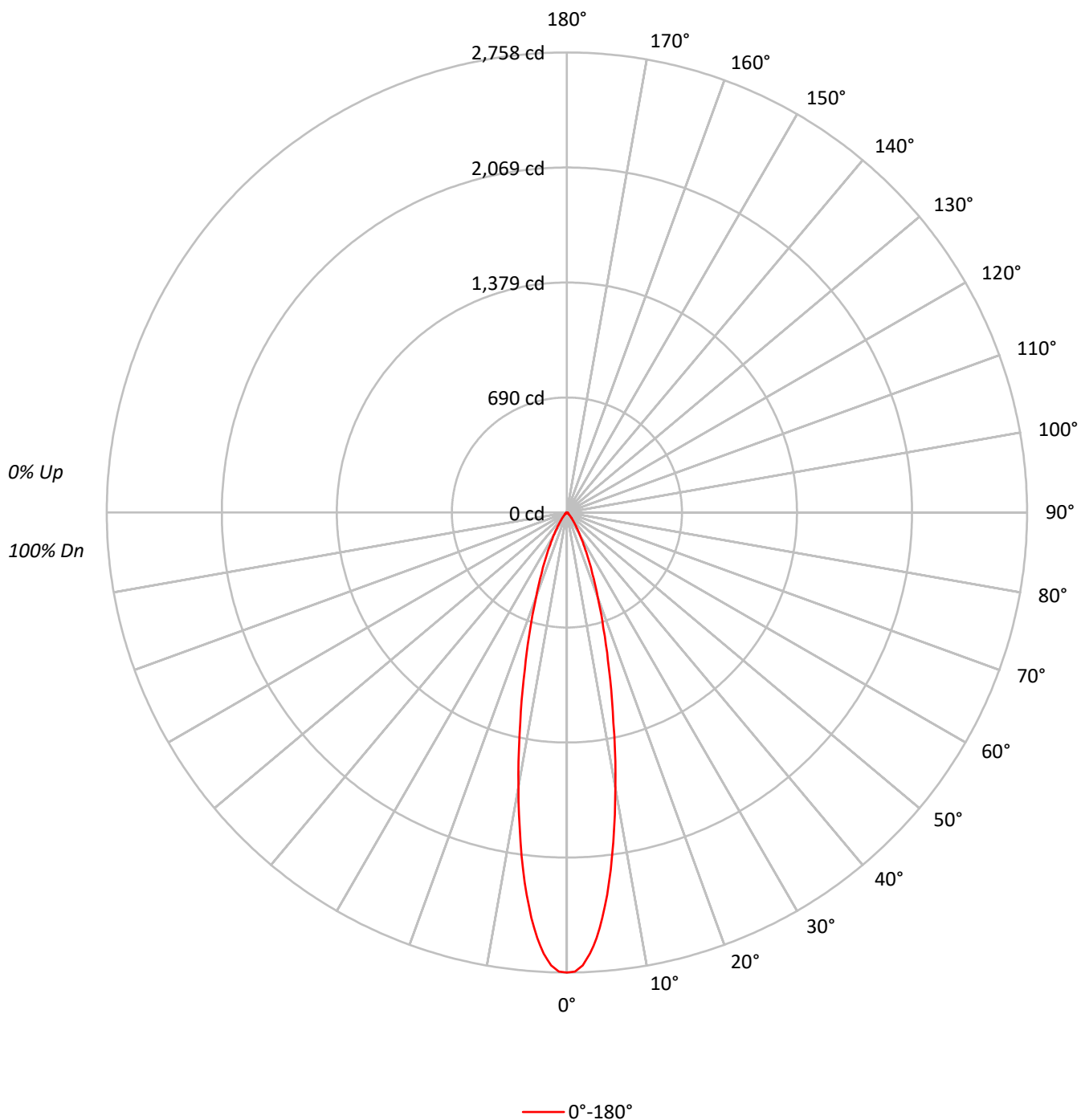
Lumens per Lamp: N/A
Luminaire Lumens: 708.0 lumens
Efficiency: N/A
Efficacy: 63.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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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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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	604820
5°	536869
10°	372828
15°	220478
20°	125568
25°	71786
30°	39728
35°	21174
40°	11708
45°	6357
50°	3957
55°	3135
60°	2675
65°	2491
70°	2180
75°	2288
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6357 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	207.4	29.3
10°-20°	273.7	38.7
20°-30°	140.9	19.9
30°-40°	52.9	7.5
40°-50°	17.3	2.4
50°-60°	7.4	1.0
60°-70°	4.7	0.7
70°-80°	2.8	0.4
80°-90°	0.8	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°	622.1	87.9
0°-40°	675.0	95.3
0°-60°	699.7	98.8
0°-90°	708.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	708.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2758	
5°	2439	207
15°	971	274
25°	297	141
35°	79	53
45°	20	17
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2758.2
1°	2752.7
2°	2716.6
3°	2647.7
4°	2557.0
5°	2439.0
6°	2305.3
7°	2158.7
8°	1995.7
9°	1834.7
10°	1674.4
12.5°	1288.4
15°	971.2
17.5°	727.1
20°	538.1
22.5°	401.7
25°	296.7
27.5°	216.2
30°	156.9
32.5°	111.2
35°	79.1
37.5°	56.6
40°	40.9
42.5°	29.3
45°	20.5
47.5°	15.0
50°	11.6
52.5°	9.5
55°	8.2
57.5°	6.8
60°	6.1
62.5°	5.5
65°	4.8
67.5°	4.1
70°	3.4
72.5°	3.4
75°	2.7
77.5°	2.0
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)