

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: P1251788

Luminaire Tested: P3AS09R709030DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251788
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709030DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

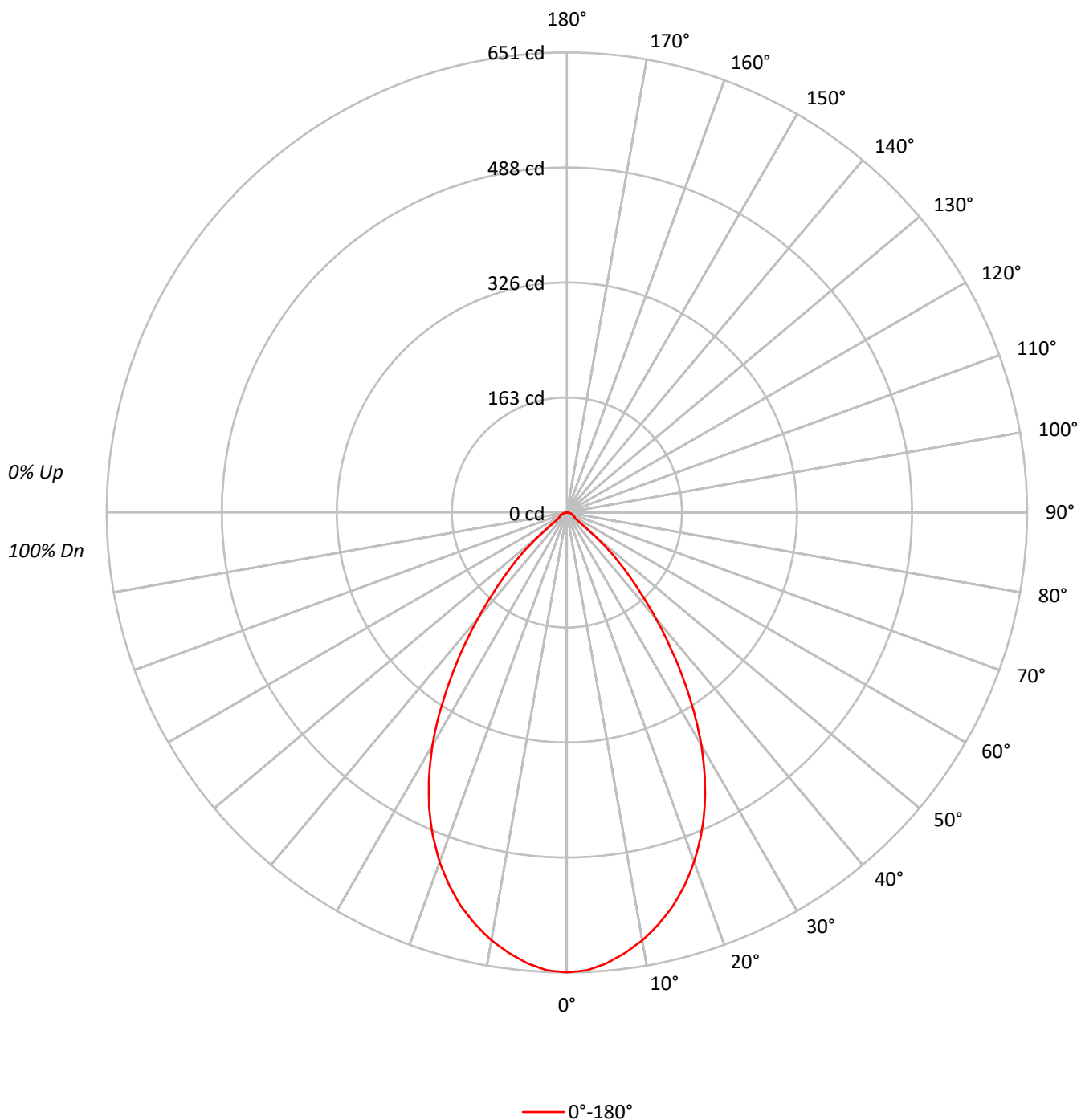
Lumens per Lamp: N/A
Luminaire Lumens: 737.1 lumens
Efficiency: N/A
Efficacy: 66.4 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	96	93		104	99	95	92		96	92	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	82		89	85	81		86	83	80		84	81	79
4	94	86	80	75		93	85	79	75		83	78	74		81	76	73		79	75	72
5	89	80	73	69		87	79	73	68		77	72	68		75	71	67		74	70	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	53		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	60	54	50		70	60	54	50		59	53	49		58	53	49		57	52	49
10	67	57	50	46		66	56	50	46		55	50	46		55	49	46		54	49	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142686
5°	140964
10°	136893
15°	131102
20°	122791
25°	111563
30°	96369
35°	76801
40°	55933
45°	36779
50°	17228
55°	5314
60°	5131
65°	4929
70°	4680
75°	4999
80°	4672
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 36779 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.3	8.2
10°-20°	161.6	21.9
20°-30°	210.1	28.5
30°-40°	178.2	24.2
40°-50°	91.9	12.5
50°-60°	17.7	2.4
60°-70°	9.6	1.3
70°-80°	5.9	0.8
80°-90°	1.7	0.2
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°	432.0	58.6
0°-40°	610.2	82.8
0°-60°	719.8	97.7
0°-90°	737.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	737.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	651	
5°	640	60
15°	578	162
25°	461	210
35°	287	178
45°	119	92
55°	14	18
65°	10	10
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	650.7
2.5°	648.5
5°	640.4
7.5°	628.7
10°	614.8
12.5°	597.2
15°	577.5
17.5°	553.3
20°	526.2
22.5°	495.5
25°	461.1
27.5°	422.3
30°	380.6
32.5°	334.5
35°	286.9
37.5°	240.1
40°	195.4
42.5°	153.7
45°	118.6
47.5°	87.1
50°	50.5
52.5°	22.0
55°	13.9
57.5°	13.2
60°	11.7
62.5°	11.0
65°	9.5
67.5°	8.8
70°	7.3
72.5°	6.6
75°	5.9
77.5°	4.4
80°	3.7
82.5°	2.2
85°	1.5
87.5°	0.7
90°	0.0

(END OF REPORT)