

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: P1259485

Luminaire Tested: P3AS09R159050DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259485
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159050DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

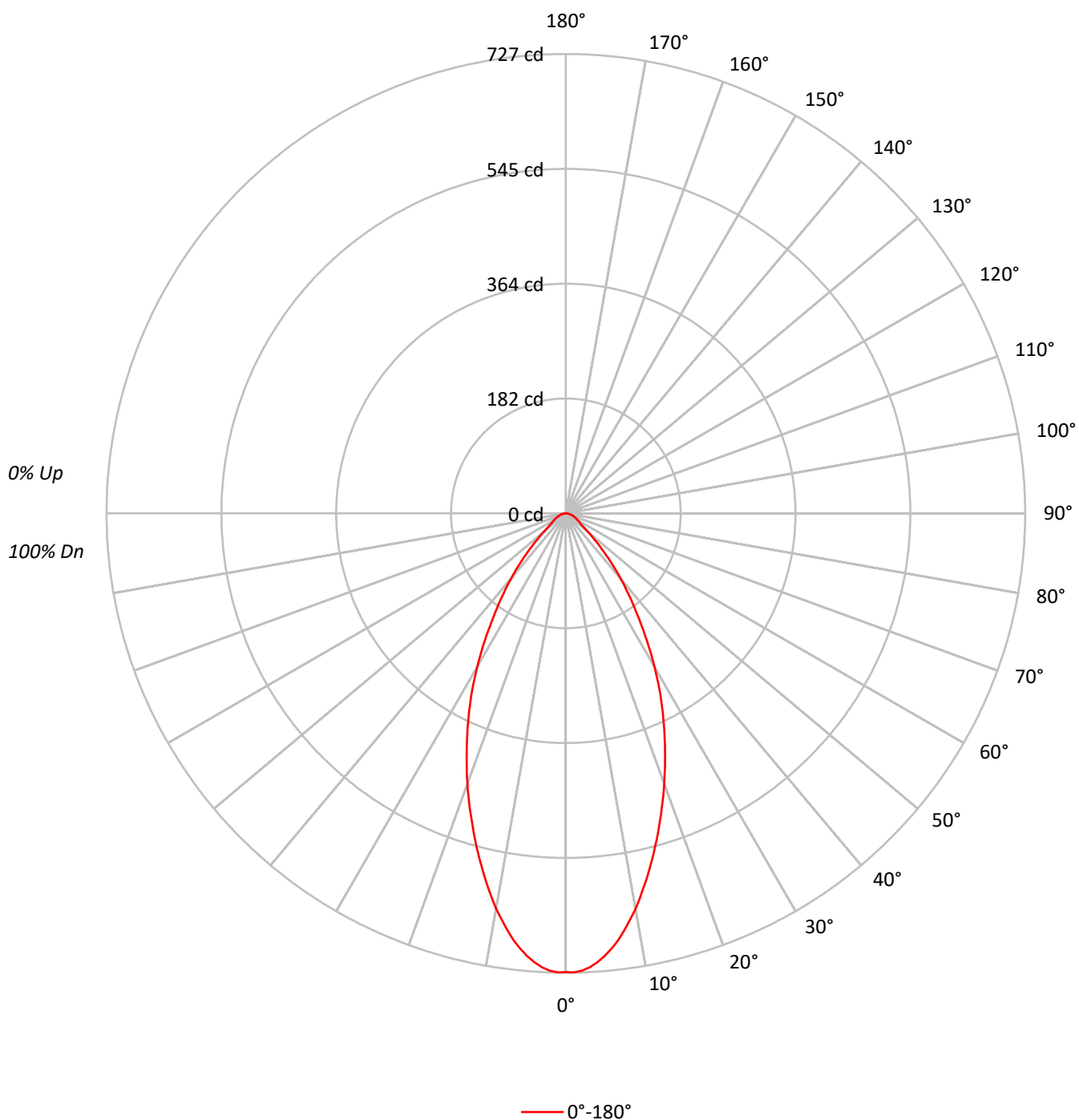
Lumens per Lamp: N/A
Luminaire Lumens: 631.0 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159154
5°	154853
10°	141503
15°	123951
20°	106316
25°	88771
30°	71049
35°	53271
40°	38672
45°	25274
50°	15829
55°	10705
60°	9473
65°	8717
70°	8207
75°	7456
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25274 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.9	10.3
10°-20°	152.1	24.1
20°-30°	167.6	26.6
30°-40°	125.5	19.9
40°-50°	65.1	10.3
50°-60°	27.0	4.3
60°-70°	16.7	2.6
70°-80°	9.4	1.5
80°-90°	2.7	0.4
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°	384.6	61.0
0°-40°	510.2	80.8
0°-60°	602.2	95.4
0°-90°	631.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	631.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	726	
5°	704	65
15°	546	152
25°	367	168
35°	199	126
45°	82	65
55°	28	27
65°	17	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	725.8
1°	726.6
2°	724.2
3°	719.4
4°	712.2
5°	703.5
6°	692.3
7°	680.3
8°	665.9
9°	650.7
10°	635.5
12.5°	591.5
15°	546.0
17.5°	500.4
20°	455.6
22.5°	410.1
25°	366.9
27.5°	323.7
30°	280.6
32.5°	238.2
35°	199.0
37.5°	165.5
40°	135.1
42.5°	107.1
45°	81.5
47.5°	61.6
50°	46.4
52.5°	34.4
55°	28.0
57.5°	24.8
60°	21.6
62.5°	19.2
65°	16.8
67.5°	14.4
70°	12.8
72.5°	10.4
75°	8.8
77.5°	7.2
80°	5.6
82.5°	4.0
85°	2.4
87.5°	0.8
90°	0.0

(END OF REPORT)