

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: P1251444

Luminaire Tested: P3AS09R109030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251444
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: P3AS09R109030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

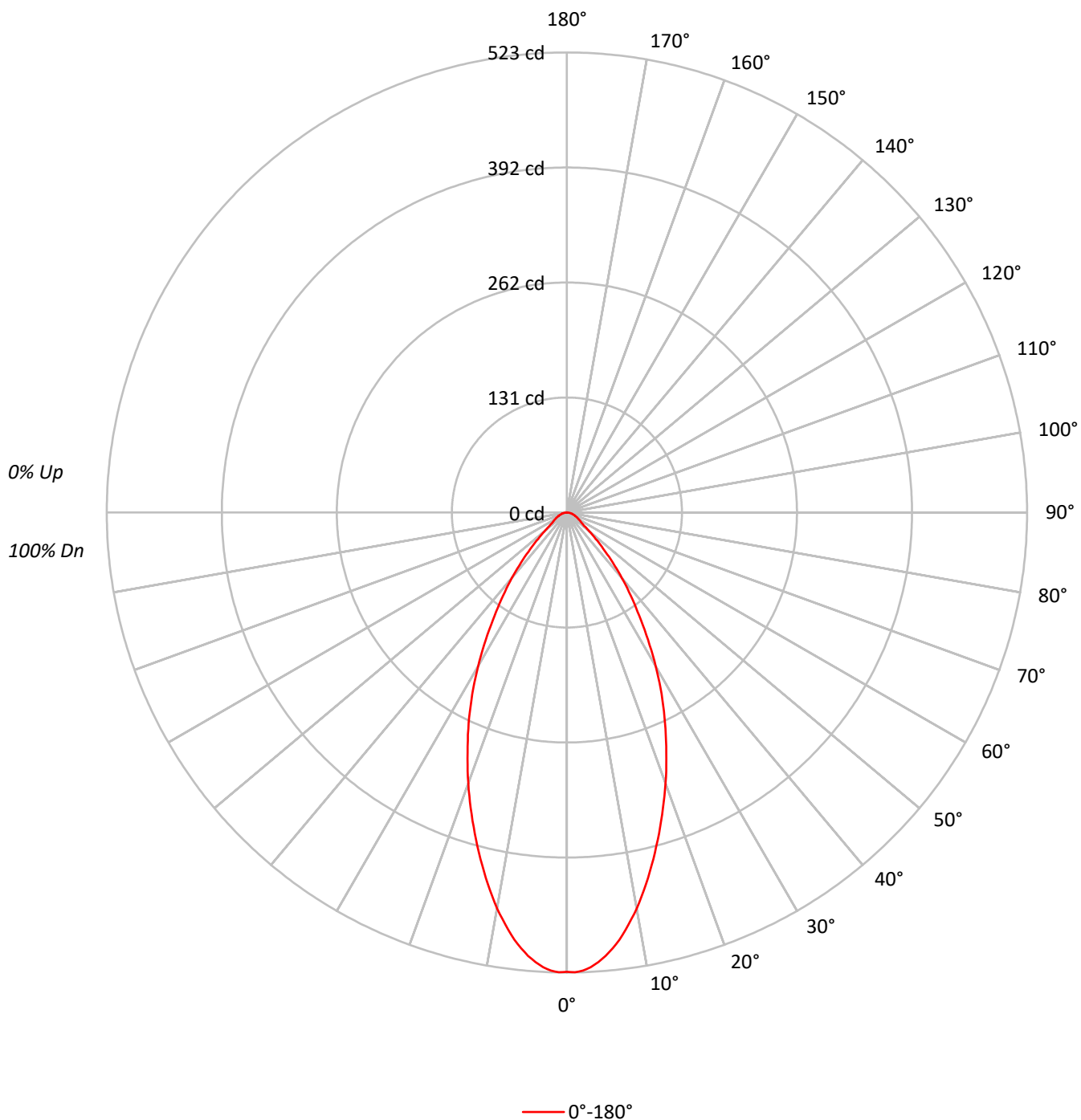
Lumens per Lamp: N/A
Luminaire Lumens: 454.0 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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				0
RW	70	50	30	10	70	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		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114508
5°	111402
10°	101802
15°	89172
20°	76493
25°	63875
30°	51122
35°	38334
40°	27824
45°	18203
50°	11394
55°	7684
60°	6798
65°	6278
70°	5898
75°	5338
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18203 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	10.3
10°-20°	109.4	24.1
20°-30°	120.6	26.6
30°-40°	90.3	19.9
40°-50°	46.8	10.3
50°-60°	19.4	4.3
60°-70°	12.0	2.7
70°-80°	6.8	1.5
80°-90°	2.0	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°	276.7	61.0
0°-40°	367.1	80.8
0°-60°	433.3	95.4
0°-90°	454.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	454.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	522	
5°	506	47
15°	393	109
25°	264	121
35°	143	90
45°	59	47
55°	20	19
65°	12	12
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	522.2
1°	522.8
2°	521.1
3°	517.6
4°	512.5
5°	506.1
6°	498.1
7°	489.4
8°	479.1
9°	468.2
10°	457.2
12.5°	425.6
15°	392.8
17.5°	360.0
20°	327.8
22.5°	295.1
25°	264.0
27.5°	232.9
30°	201.9
32.5°	171.4
35°	143.2
37.5°	119.1
40°	97.2
42.5°	77.1
45°	58.7
47.5°	44.3
50°	33.4
52.5°	24.7
55°	20.1
57.5°	17.8
60°	15.5
62.5°	13.8
65°	12.1
67.5°	10.4
70°	9.2
72.5°	7.5
75°	6.3
77.5°	5.2
80°	4.0
82.5°	2.9
85°	1.7
87.5°	0.6
90°	0.0

(END OF REPORT)