

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: P1251440

Luminaire Tested: P3AS09R109030DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251440
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: P3AS09R109030DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

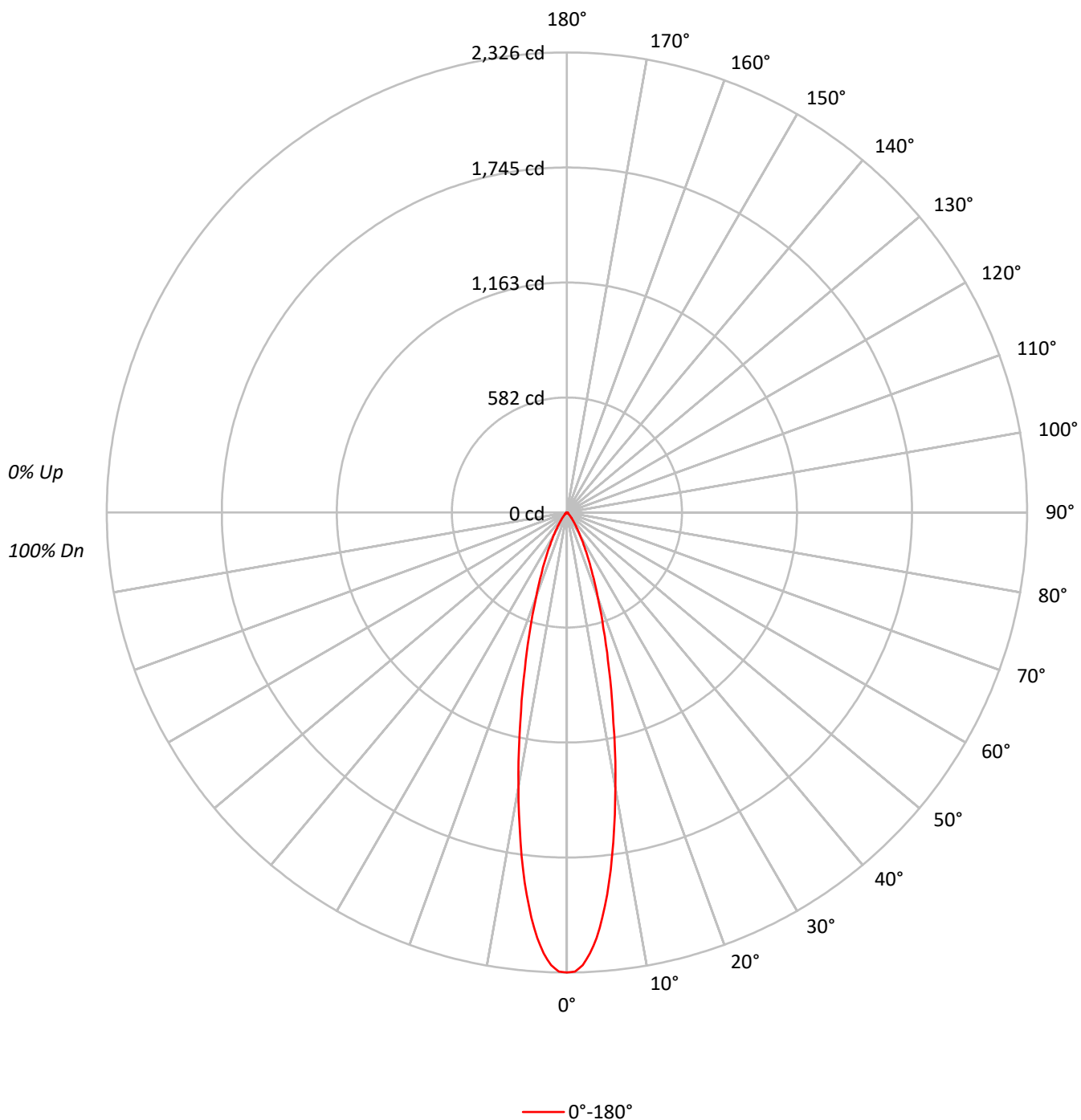
Lumens per Lamp: N/A
Luminaire Lumens: 597.1 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	510003
5°	452695
10°	314379
15°	185926
20°	105896
25°	60536
30°	33499
35°	17855
40°	9876
45°	5365
50°	3343
55°	2638
60°	2281
65°	2075
70°	1859
75°	1949
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5365 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	174.9	29.3
10°-20°	230.8	38.7
20°-30°	118.8	19.9
30°-40°	44.6	7.5
40°-50°	14.6	2.4
50°-60°	6.3	1.1
60°-70°	4.0	0.7
70°-80°	2.4	0.4
80°-90°	0.7	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°	524.5	87.9
0°-40°	569.2	95.3
0°-60°	590.1	98.8
0°-90°	597.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2326	
5°	2057	175
15°	819	231
25°	250	119
35°	67	45
45°	17	15
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2325.8
1°	2321.2
2°	2290.7
3°	2232.6
4°	2156.1
5°	2056.6
6°	1943.9
7°	1820.2
8°	1682.8
9°	1547.1
10°	1411.9
12.5°	1086.4
15°	819.0
17.5°	613.1
20°	453.8
22.5°	338.7
25°	250.2
27.5°	182.3
30°	132.3
32.5°	93.7
35°	66.7
37.5°	47.7
40°	34.5
42.5°	24.7
45°	17.3
47.5°	12.7
50°	9.8
52.5°	8.1
55°	6.9
57.5°	5.8
60°	5.2
62.5°	4.6
65°	4.0
67.5°	3.5
70°	2.9
72.5°	2.9
75°	2.3
77.5°	1.7
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)