

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: P1286210

Luminaire Tested: P3AS02R509030D2WDE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286210
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509030D2WDE010 E3DL1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DL1M
TRIM
Light Source: -
Ballast/Driver: -

Summary

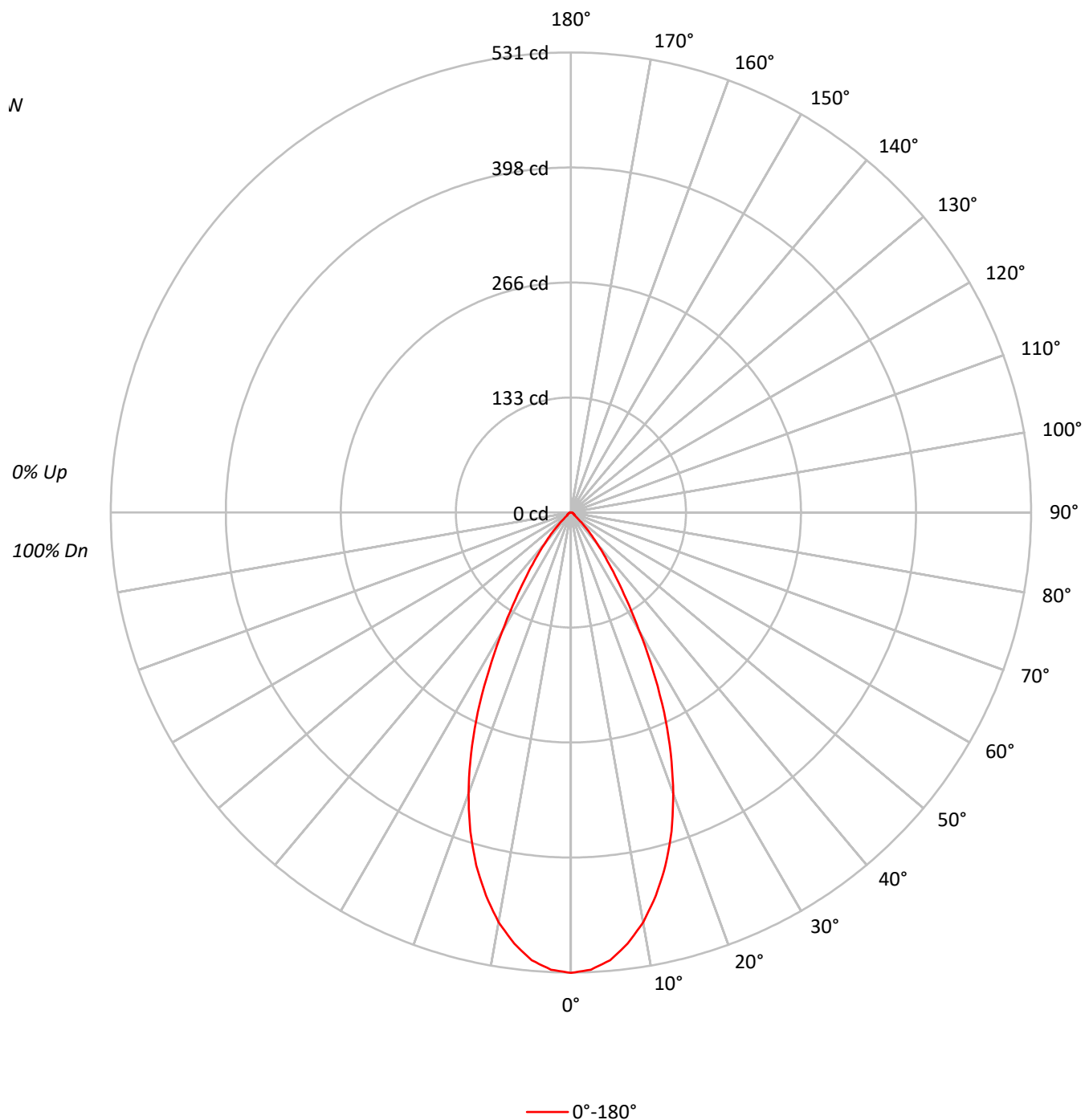
Lumens per Lamp: N/A
Luminaire Lumens: 366.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	116526
5°	114175
10°	106945
15°	95733
20°	80577
25°	61504
30°	39956
35°	23691
40°	13683
45°	6853
50°	2559
55°	1988
60°	1842
65°	1712
70°	1667
75°	1694
80°	1642
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6853 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.3	13.2
10°-20°	116.6	31.9
20°-30°	114.4	31.3
30°-40°	57.6	15.7
40°-50°	18.2	5.0
50°-60°	4.7	1.3
60°-70°	3.3	0.9
70°-80°	2.1	0.6
80°-90°	0.7	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°	279.3	76.3
0°-40°	336.9	92.1
0°-60°	359.9	98.3
0°-90°	366.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	366.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	531	
5°	519	48
15°	422	117
25°	254	114
35°	88	58
45°	22	18
55°	5	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	531.4
2.5°	528.2
5°	518.7
7.5°	501.8
10°	480.3
12.5°	452.7
15°	421.7
17.5°	385.9
20°	345.3
22.5°	301.3
25°	254.2
27.5°	204.0
30°	157.8
32.5°	118.8
35°	88.5
37.5°	65.4
40°	47.8
42.5°	33.8
45°	22.1
47.5°	12.7
50°	7.5
52.5°	5.5
55°	5.2
57.5°	4.6
60°	4.2
62.5°	3.9
65°	3.3
67.5°	2.9
70°	2.6
72.5°	2.3
75°	2.0
77.5°	1.6
80°	1.3
82.5°	1.0
85°	0.7
87.5°	0.3
90°	0.0

(END OF REPORT)