

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: P1255393

Luminaire Tested: P3AS20R309035D010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255393
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309035D010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

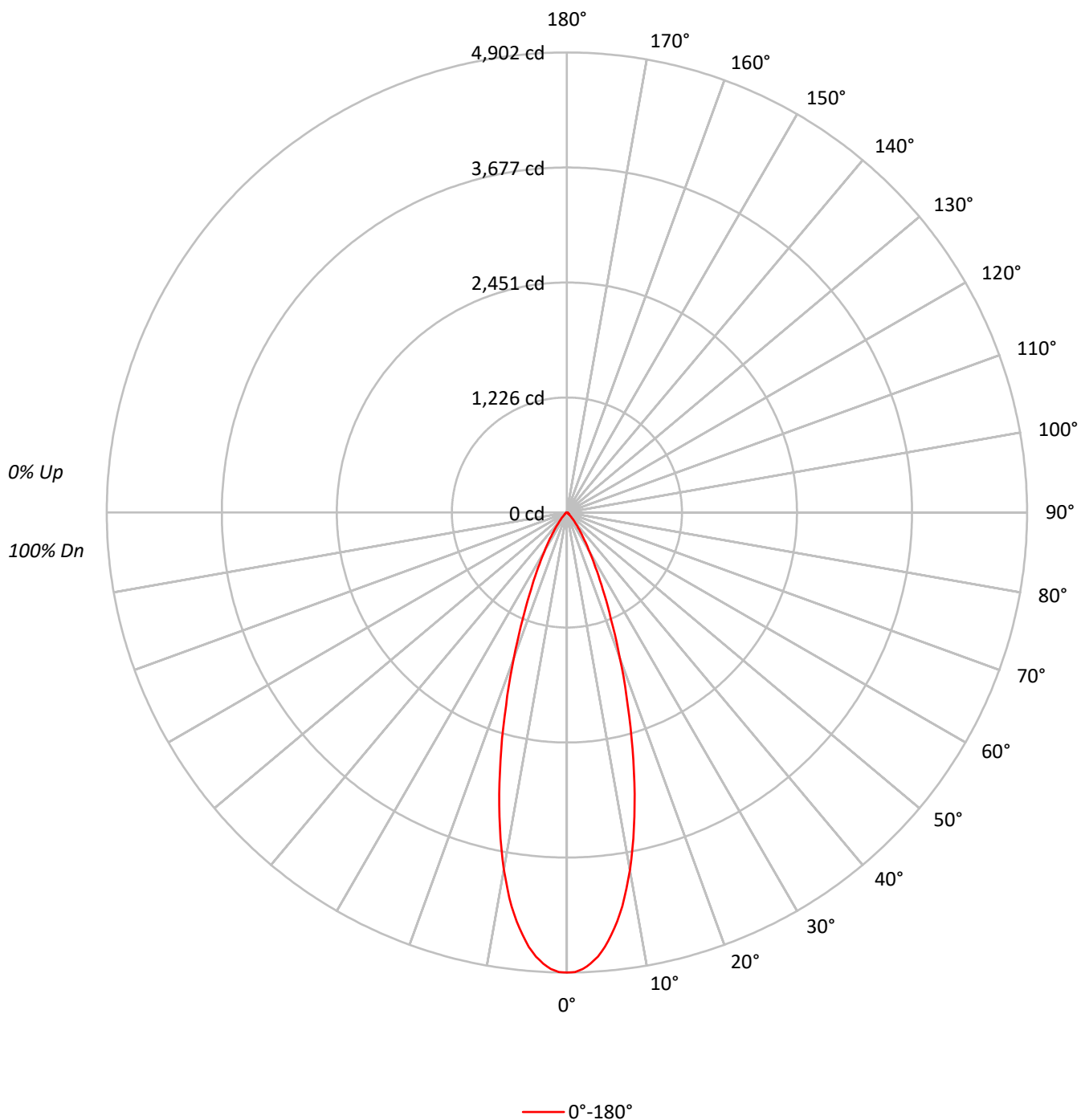
Lumens per Lamp: N/A
Luminaire Lumens: 1842.0 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1074870
5°	1023044
10°	860527
15°	620571
20°	384940
25°	218916
30°	121614
35°	66147
40°	34865
45°	18886
50°	10098
55°	6652
60°	6096
65°	6330
70°	5578
75°	4406
80°	4420
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18886 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	418.5	22.7
10°-20°	743.9	40.4
20°-30°	429.9	23.3
30°-40°	163.2	8.9
40°-50°	50.1	2.7
50°-60°	16.9	0.9
60°-70°	11.4	0.6
70°-80°	6.2	0.3
80°-90°	1.9	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°	1592.4	86.4
0°-40°	1755.6	95.3
0°-60°	1822.5	98.9
0°-90°	1842.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1842.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4902	
5°	4648	418
15°	2734	744
25°	905	430
35°	247	163
45°	61	50
55°	17	17
65°	12	11
75°	5	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4901.8
1°	4898.3
2°	4868.7
3°	4813.0
4°	4743.4
5°	4647.7
6°	4525.9
7°	4390.2
8°	4238.8
9°	4057.8
10°	3864.7
11°	3655.9
12°	3434.9
13°	3203.5
14°	2968.6
15°	2733.6
17.5°	2155.9
20°	1649.6
22.5°	1223.3
25°	904.8
27.5°	657.7
30°	480.3
32.5°	346.3
35°	247.1
37.5°	172.3
40°	121.8
42.5°	85.3
45°	60.9
47.5°	41.8
50°	29.6
52.5°	20.9
55°	17.4
57.5°	15.7
60°	13.9
62.5°	12.2
65°	12.2
67.5°	10.4
70°	8.7
72.5°	7.0
75°	5.2
77.5°	5.2
80°	3.5
82.5°	3.5
85°	1.7
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)