

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: P1253482

Luminaire Tested: P3AS02R309035DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253482
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: P3AS02R309035DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

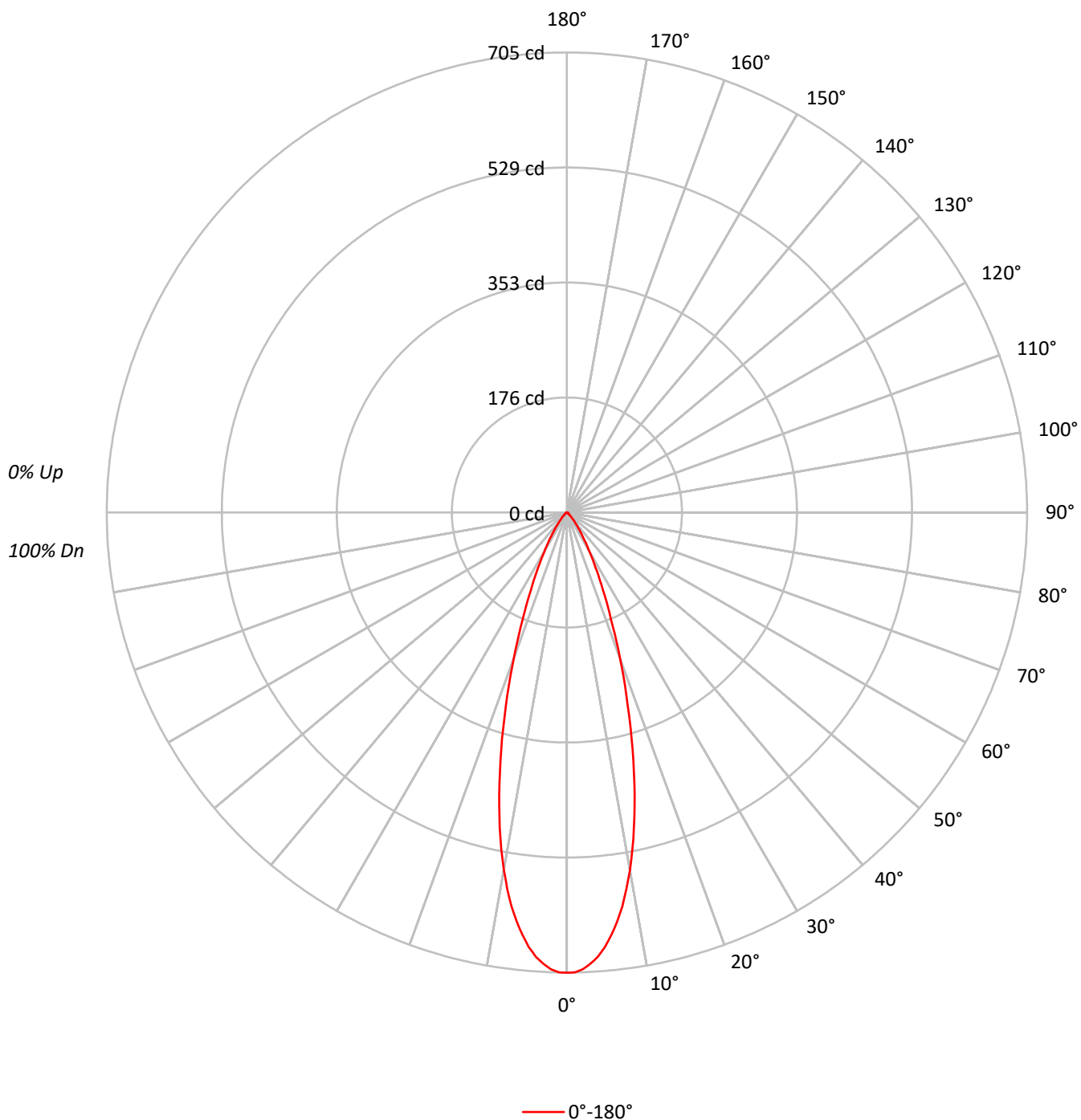
Lumens per Lamp: N/A
Luminaire Lumens: 265.1 lumens
Efficiency: N/A
Efficacy: 73.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	95	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	86	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		78
8	87	79	74	71	86	78	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°	154637
5°	147171
10°	123801
15°	89285
20°	55375
25°	31502
30°	17496
35°	9503
40°	5009
45°	2729
50°	1467
55°	956
60°	877
65°	934
70°	833
75°	678
80°	631
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2729 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	22.7
10°-20°	107.0	40.4
20°-30°	61.9	23.3
30°-40°	23.5	8.9
40°-50°	7.2	2.7
50°-60°	2.4	0.9
60°-70°	1.7	0.6
70°-80°	0.9	0.3
80°-90°	0.3	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°	229.1	86.4
0°-40°	252.6	95.3
0°-60°	262.2	98.9
0°-90°	265.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	265.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	705	
5°	669	60
15°	393	107
25°	130	62
35°	36	23
45°	9	7
55°	2	2
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	705.2
1°	704.7
2°	700.4
3°	692.4
4°	682.4
5°	668.6
6°	651.1
7°	631.6
8°	609.8
9°	583.8
10°	556.0
11°	526.0
12°	494.2
13°	460.9
14°	427.1
15°	393.3
17.5°	310.2
20°	237.3
22.5°	176.0
25°	130.2
27.5°	94.6
30°	69.1
32.5°	49.8
35°	35.5
37.5°	24.8
40°	17.5
42.5°	12.3
45°	8.8
47.5°	6.0
50°	4.3
52.5°	3.0
55°	2.5
57.5°	2.3
60°	2.0
62.5°	1.8
65°	1.8
67.5°	1.5
70°	1.3
72.5°	1.0
75°	0.8
77.5°	0.8
80°	0.5
82.5°	0.5
85°	0.3
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)