

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: P1275409

Luminaire Tested: P3AS05R309835DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275409
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309835DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

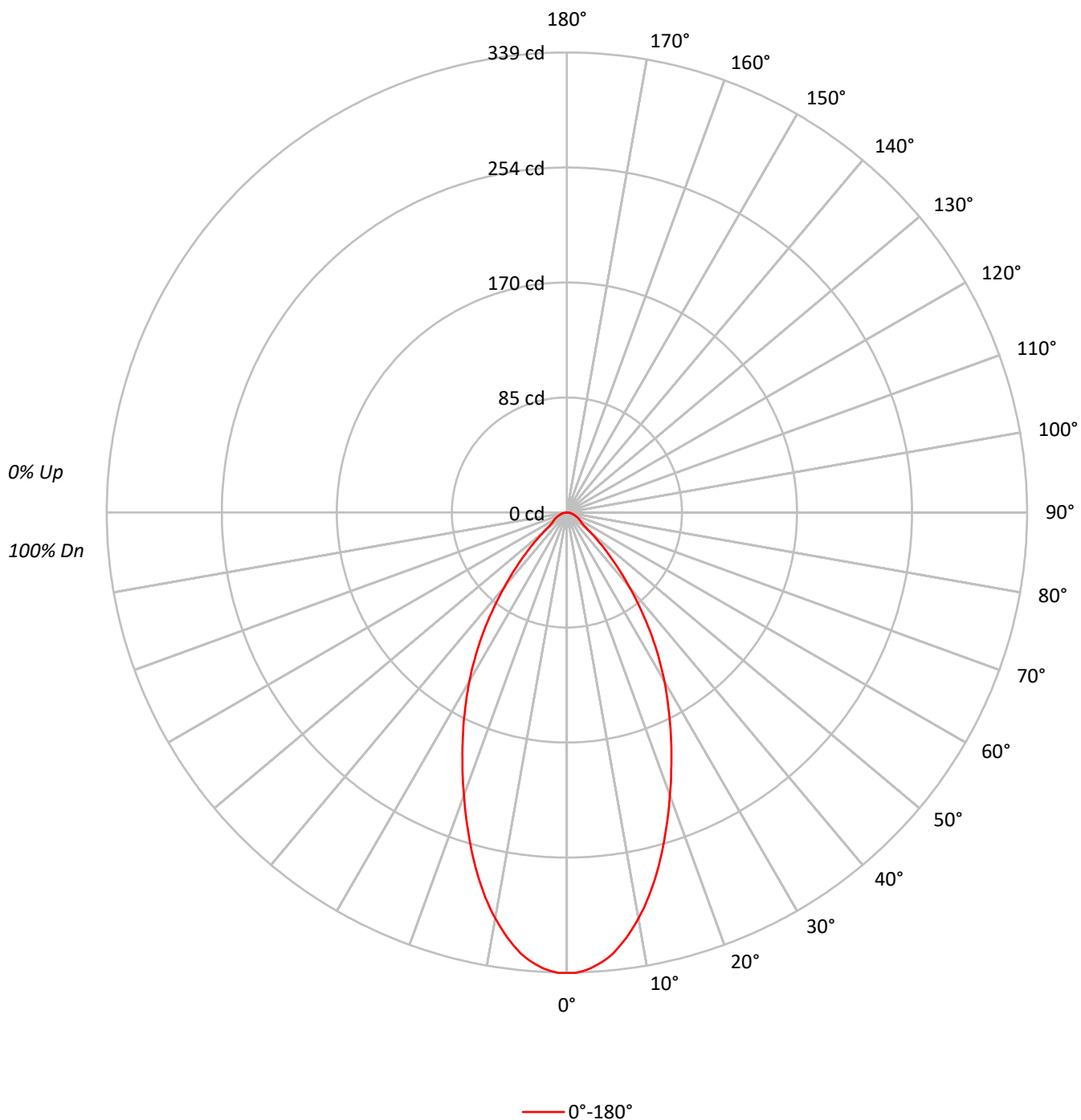
Lumens per Lamp: N/A
Luminaire Lumens: 315.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74424
5°	72749
10°	67645
15°	60205
20°	51781
25°	43865
30°	36411
35°	28563
40°	20467
45°	13428
50°	7642
55°	5008
60°	4736
65°	4410
70°	3975
75°	3643
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13428 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.7	9.7
10°-20°	73.7	23.4
20°-30°	83.1	26.4
30°-40°	66.3	21.1
40°-50°	34.1	10.8
50°-60°	12.8	4.1
60°-70°	8.4	2.7
70°-80°	4.5	1.4
80°-90°	1.3	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°	187.5	59.5
0°-40°	253.8	80.6
0°-60°	300.7	95.5
0°-90°	315.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	315.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	339	
5°	330	31
15°	265	74
25°	181	83
35°	107	66
45°	43	34
55°	13	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	339.4
1°	339.4
2°	338.2
3°	336.3
4°	333.6
5°	330.5
6°	326.6
7°	321.6
8°	316.2
9°	310.0
10°	303.8
11°	296.9
12°	289.5
13°	281.8
14°	273.7
15°	265.2
17.5°	243.5
20°	221.9
22.5°	201.0
25°	181.3
27.5°	162.0
30°	143.8
32.5°	125.2
35°	106.7
37.5°	88.5
40°	71.5
42.5°	56.4
45°	43.3
47.5°	32.1
50°	22.4
52.5°	15.8
55°	13.1
57.5°	12.0
60°	10.8
62.5°	9.7
65°	8.5
67.5°	7.3
70°	6.2
72.5°	5.0
75°	4.3
77.5°	3.5
80°	2.7
82.5°	1.9
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)