

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: P1275373

Luminaire Tested: P3AS05R259835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275373
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

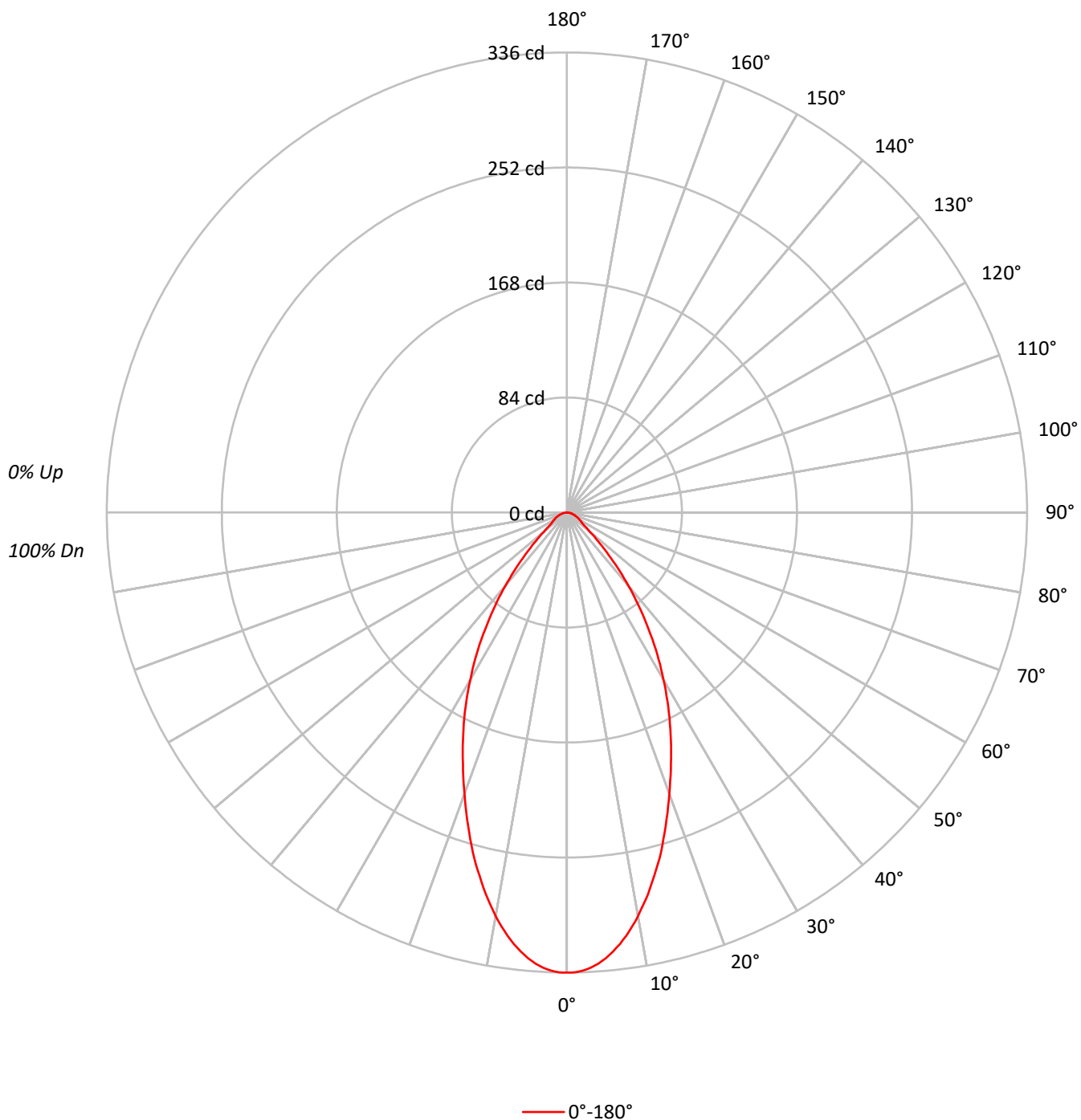
Lumens per Lamp: N/A
Luminaire Lumens: 310.0 lumens
Efficiency: N/A
Efficacy: 43.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73678
5°	71913
10°	66643
15°	59365
20°	51011
25°	43357
30°	35702
35°	27813
40°	20009
45°	12683
50°	7505
55°	5161
60°	4736
65°	4410
70°	3975
75°	3558
80°	3410
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12683 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.3	9.8
10°-20°	72.6	23.4
20°-30°	82.0	26.5
30°-40°	64.9	20.9
40°-50°	32.8	10.6
50°-60°	13.1	4.2
60°-70°	8.4	2.7
70°-80°	4.6	1.5
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°	184.9	59.6
0°-40°	249.8	80.6
0°-60°	295.7	95.4
0°-90°	310.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	310.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	336	
5°	327	30
15°	262	73
25°	179	82
35°	104	65
45°	41	33
55°	14	13
65°	8	8
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	336.0
1°	336.0
2°	334.8
3°	332.9
4°	330.2
5°	326.7
6°	322.5
7°	317.5
8°	312.0
9°	305.9
10°	299.3
11°	292.0
12°	285.0
13°	276.9
14°	269.2
15°	261.5
17.5°	239.8
20°	218.6
22.5°	198.5
25°	179.2
27.5°	160.3
30°	141.0
32.5°	122.8
35°	103.9
37.5°	86.5
40°	69.9
42.5°	54.5
45°	40.9
47.5°	30.5
50°	22.0
52.5°	16.6
55°	13.5
57.5°	12.4
60°	10.8
62.5°	9.7
65°	8.5
67.5°	7.3
70°	6.2
72.5°	5.4
75°	4.2
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):

0°
90° | 0.0

(END OF REPORT)