

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: P1273363

Luminaire Tested: P3A05R359830DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273363
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R359830DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

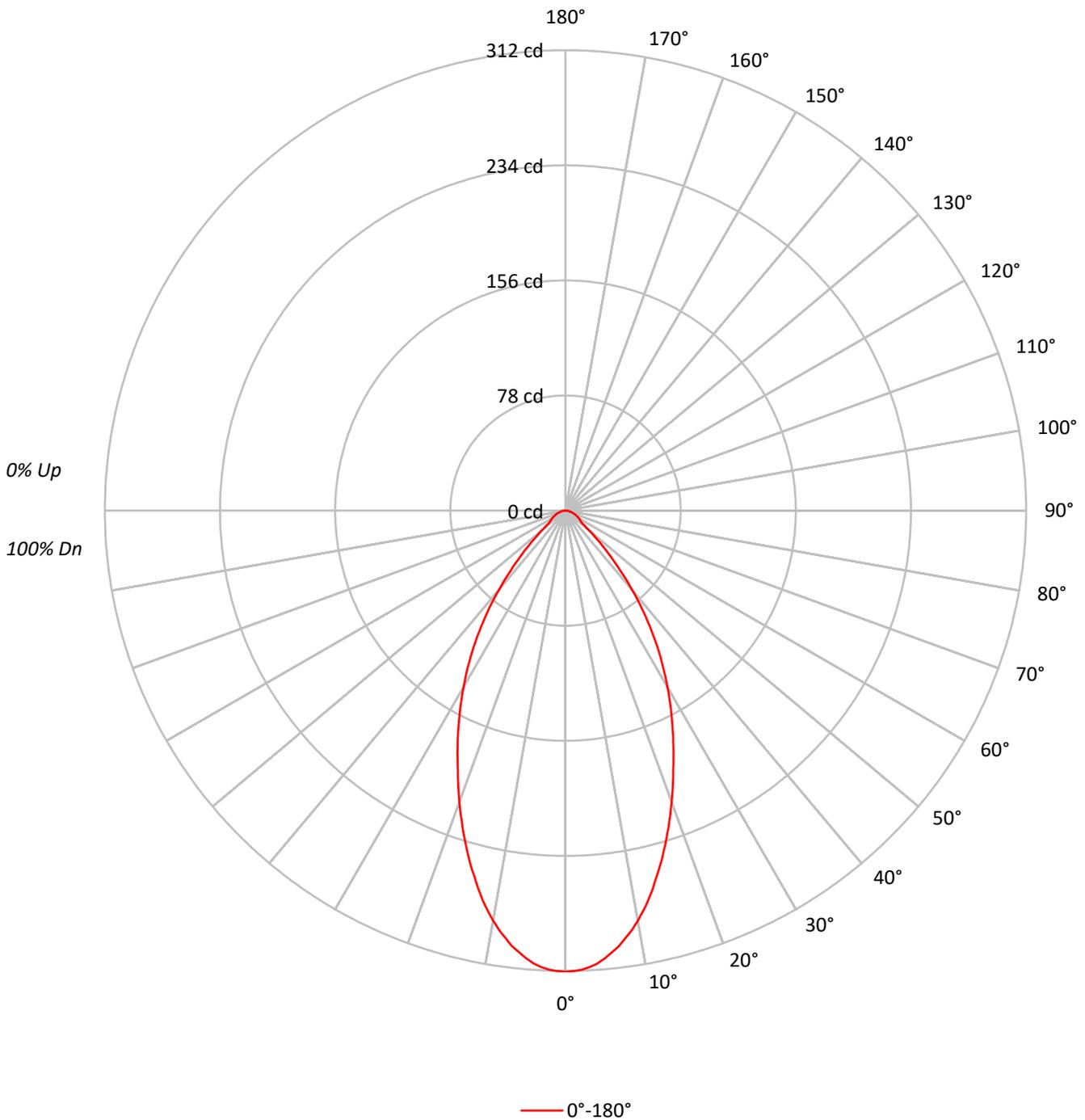
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68525
5°	67070
10°	62813
15°	56391
20°	49051
25°	41809
30°	35018
35°	27894
40°	20152
45°	12746
50°	6959
55°	4817
60°	4561
65°	4255
70°	4039
75°	3474
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 12746 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	9.5
10°-20°	69.1	23.0
20°-30°	79.2	26.4
30°-40°	64.6	21.5
40°-50°	32.6	10.9
50°-60°	12.1	4.0
60°-70°	8.1	2.7
70°-80°	4.5	1.5
80°-90°	1.4	0.5
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°	176.7	58.9
0°-40°	241.3	80.4
0°-60°	286.0	95.3
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	312	
5°	305	28
15°	248	69
25°	173	79
35°	104	65
45°	41	33
55°	13	12
65°	8	8
75°	4	4
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	312.5
1°	312.1
2°	311.4
3°	309.9
4°	307.7
5°	304.7
6°	301.0
7°	297.3
8°	292.5
9°	287.7
10°	282.1
11°	276.2
12°	269.9
13°	262.8
14°	255.4
15°	248.4
17.5°	229.5
20°	210.2
22.5°	190.6
25°	172.8
27.5°	155.3
30°	138.3
32.5°	121.2
35°	104.2
37.5°	87.1
40°	70.4
42.5°	54.9
45°	41.1
47.5°	29.7
50°	20.4
52.5°	14.8
55°	12.6
57.5°	11.5
60°	10.4
62.5°	9.3
65°	8.2
67.5°	7.0
70°	6.3
72.5°	5.2
75°	4.1
77.5°	3.3
80°	2.6
82.5°	1.9
85°	1.1
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)