

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: P1266506

Luminaire Tested: P3A05R109735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

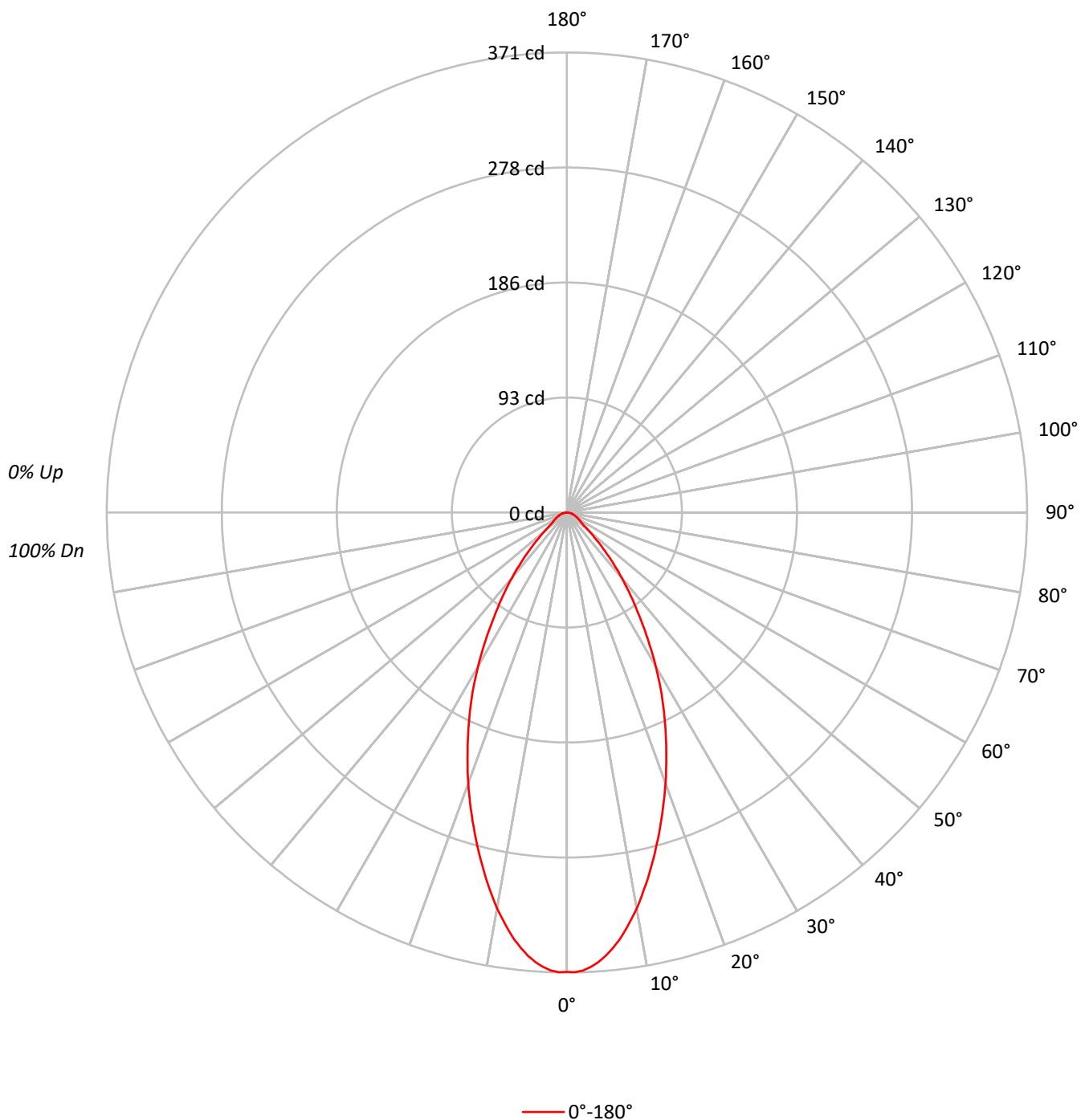
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81222
5°	79022
10°	72210
15°	63247
20°	54255
25°	45293
30°	36259
35°	27198
40°	19723
45°	12901
50°	8085
55°	5467
60°	4824
65°	4462
70°	4167
75°	3813
80°	3662
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12901 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.1	10.3
10°-20°	77.6	24.1
20°-30°	85.5	26.6
30°-40°	64.1	19.9
40°-50°	33.2	10.3
50°-60°	13.8	4.3
60°-70°	8.5	2.6
70°-80°	4.8	1.5
80°-90°	1.4	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°	196.3	61.0
0°-40°	260.3	80.9
0°-60°	307.3	95.4
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	370	
5°	359	33
15°	279	78
25°	187	86
35°	102	64
45°	42	33
55°	14	14
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	370.4
1°	370.8
2°	369.6
3°	367.1
4°	363.5
5°	359.0
6°	353.3
7°	347.1
8°	339.8
9°	332.0
10°	324.3
12.5°	301.9
15°	278.6
17.5°	255.4
20°	232.5
22.5°	209.3
25°	187.2
27.5°	165.2
30°	143.2
32.5°	121.6
35°	101.6
37.5°	84.4
40°	68.9
42.5°	54.7
45°	41.6
47.5°	31.4
50°	23.7
52.5°	17.5
55°	14.3
57.5°	12.6
60°	11.0
62.5°	9.8
65°	8.6
67.5°	7.3
70°	6.5
72.5°	5.3
75°	4.5
77.5°	3.7
80°	2.9
82.5°	2.0
85°	1.2
87.5°	0.4
90°	0.0

(END OF REPORT)