

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: P1266599

Luminaire Tested: P3A05R209735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266599
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

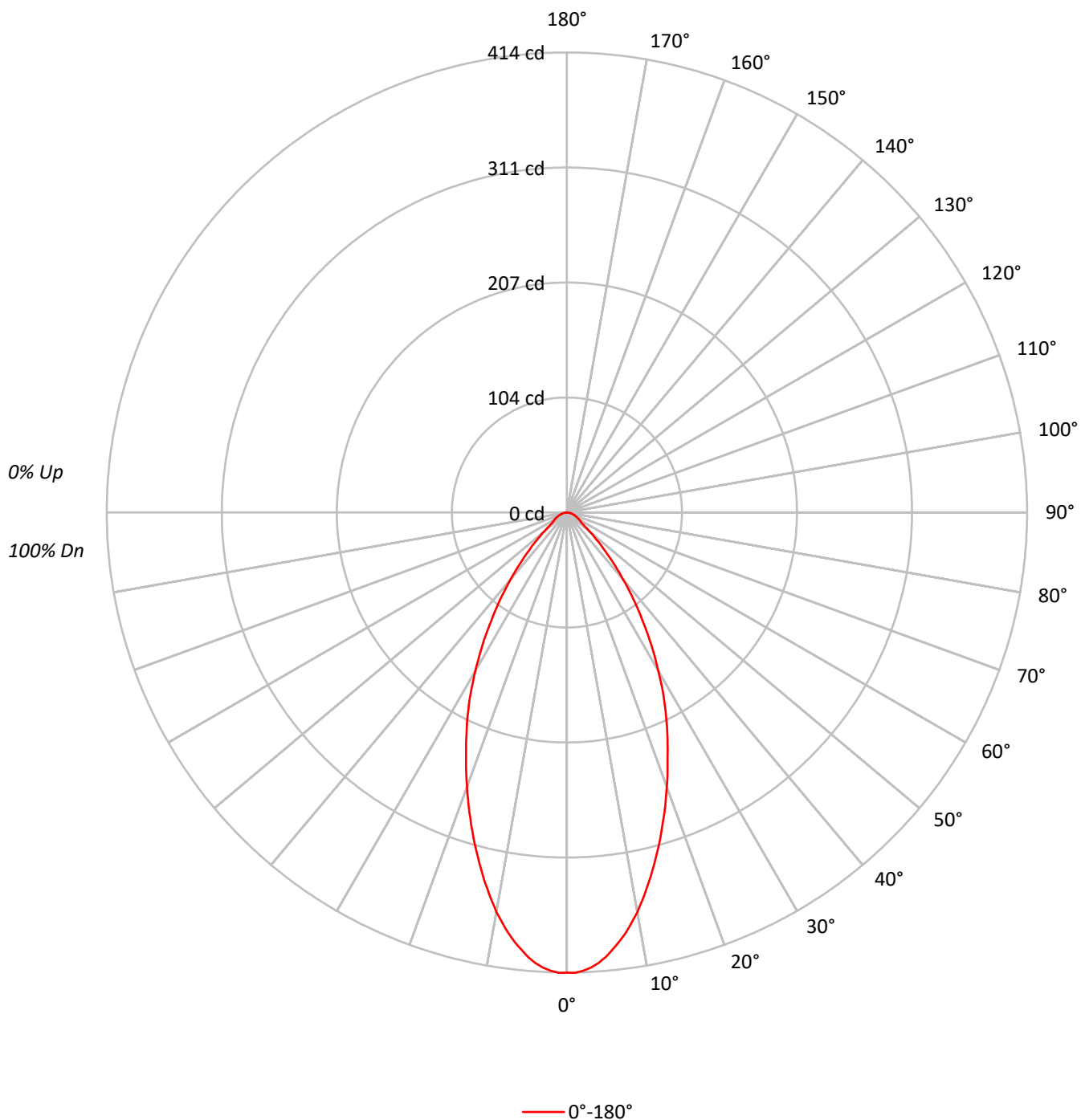
Lumens per Lamp: N/A
Luminaire Lumens: 367.1 lumens
Efficiency: N/A
Efficacy: 51.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	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		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	90782
5°	88355
10°	81272
15°	71533
20°	61349
25°	51559
30°	41677
35°	31695
40°	22557
45°	14885
50°	9211
55°	6079
60°	5526
65°	5085
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14885 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	10.1
10°-20°	87.7	23.9
20°-30°	97.4	26.5
30°-40°	74.3	20.2
40°-50°	38.0	10.4
50°-60°	15.6	4.3
60°-70°	9.8	2.7
70°-80°	5.5	1.5
80°-90°	1.6	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°	222.2	60.5
0°-40°	296.5	80.8
0°-60°	350.2	95.4
0°-90°	367.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	367.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	414	
5°	401	37
15°	315	88
25°	213	97
35°	118	74
45°	48	38
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	414.0
1°	414.4
2°	412.6
3°	410.2
4°	406.5
5°	401.4
6°	395.3
7°	388.8
8°	381.8
9°	373.4
10°	365.0
12.5°	340.8
15°	315.1
17.5°	289.0
20°	262.9
22.5°	236.8
25°	213.1
27.5°	189.3
30°	164.6
32.5°	141.3
35°	118.4
37.5°	98.4
40°	78.8
42.5°	62.0
45°	48.0
47.5°	36.4
50°	27.0
52.5°	20.0
55°	15.9
57.5°	14.5
60°	12.6
62.5°	11.2
65°	9.8
67.5°	8.4
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)