

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: P1264567

Luminaire Tested: P3A09R159730DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264567
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: P3A09R159730DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

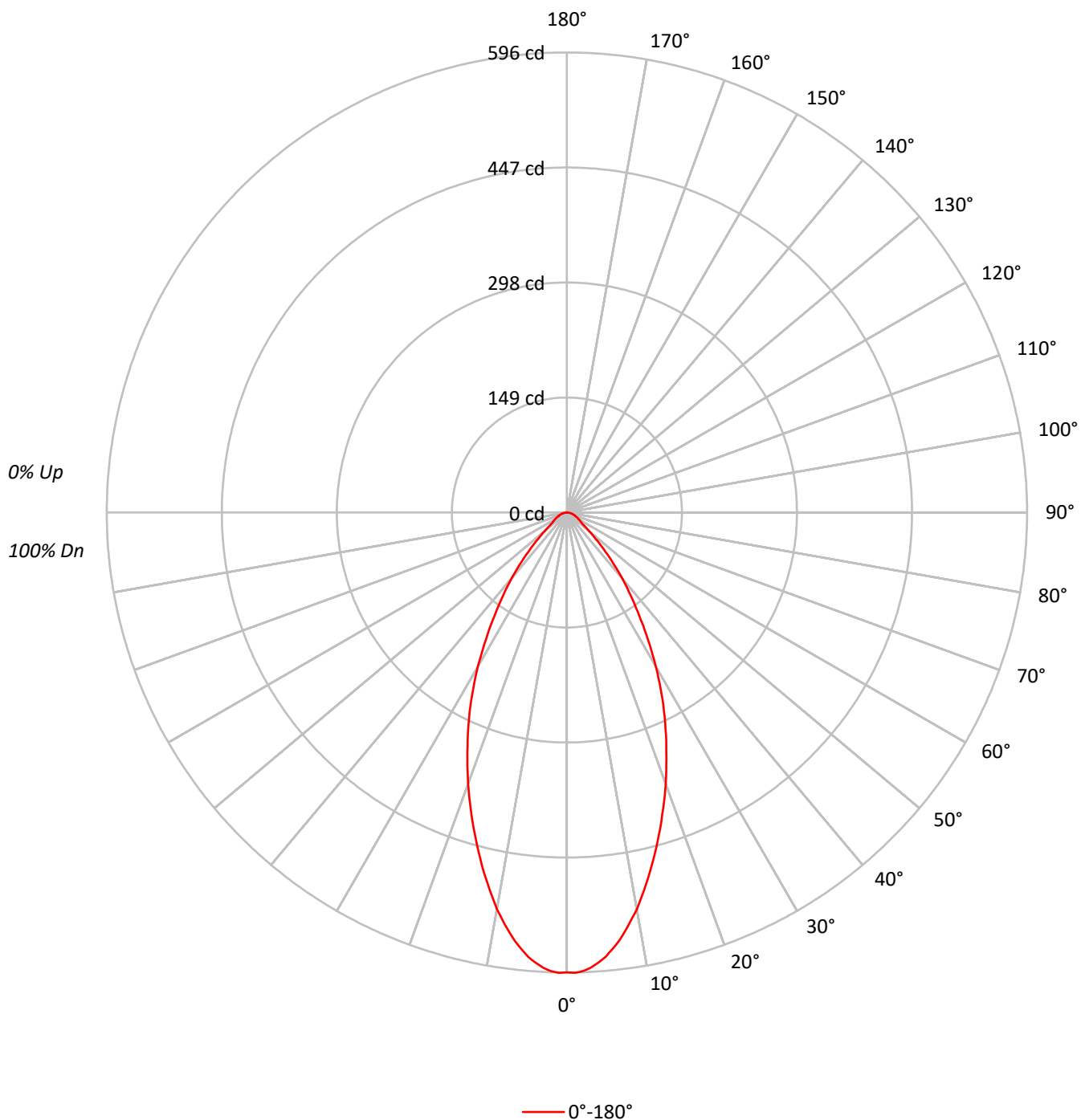
Lumens per Lamp: N/A
Luminaire Lumens: 518.0 lumens
Efficiency: N/A
Efficacy: 46.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130669
5°	127118
10°	116164
15°	101749
20°	87274
25°	72875
30°	58313
35°	43741
40°	31745
45°	20746
50°	12997
55°	8793
60°	7763
65°	7160
70°	6732
75°	6100
80°	5809
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20746 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.3	10.3
10°-20°	124.9	24.1
20°-30°	137.6	26.6
30°-40°	103.0	19.9
40°-50°	53.4	10.3
50°-60°	22.1	4.3
60°-70°	13.7	2.6
70°-80°	7.7	1.5
80°-90°	2.3	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°	315.8	61.0
0°-40°	418.8	80.9
0°-60°	494.3	95.4
0°-90°	518.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	518.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	596	
5°	578	53
15°	448	125
25°	301	138
35°	163	103
45°	67	53
55°	23	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	595.9
1°	596.5
2°	594.5
3°	590.6
4°	584.7
5°	577.5
6°	568.3
7°	558.4
8°	546.6
9°	534.2
10°	521.7
12.5°	485.6
15°	448.2
17.5°	410.8
20°	374.0
22.5°	336.6
25°	301.2
27.5°	265.8
30°	230.3
32.5°	195.6
35°	163.4
37.5°	135.8
40°	110.9
42.5°	87.9
45°	66.9
47.5°	50.5
50°	38.1
52.5°	28.2
55°	23.0
57.5°	20.3
60°	17.7
62.5°	15.7
65°	13.8
67.5°	11.8
70°	10.5
72.5°	8.5
75°	7.2
77.5°	5.9
80°	4.6
82.5°	3.3
85°	2.0
87.5°	0.7
90°	0.0

(END OF REPORT)