

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: P1263717

Luminaire Tested: P3A02R109730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263717
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: P3A02R109730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

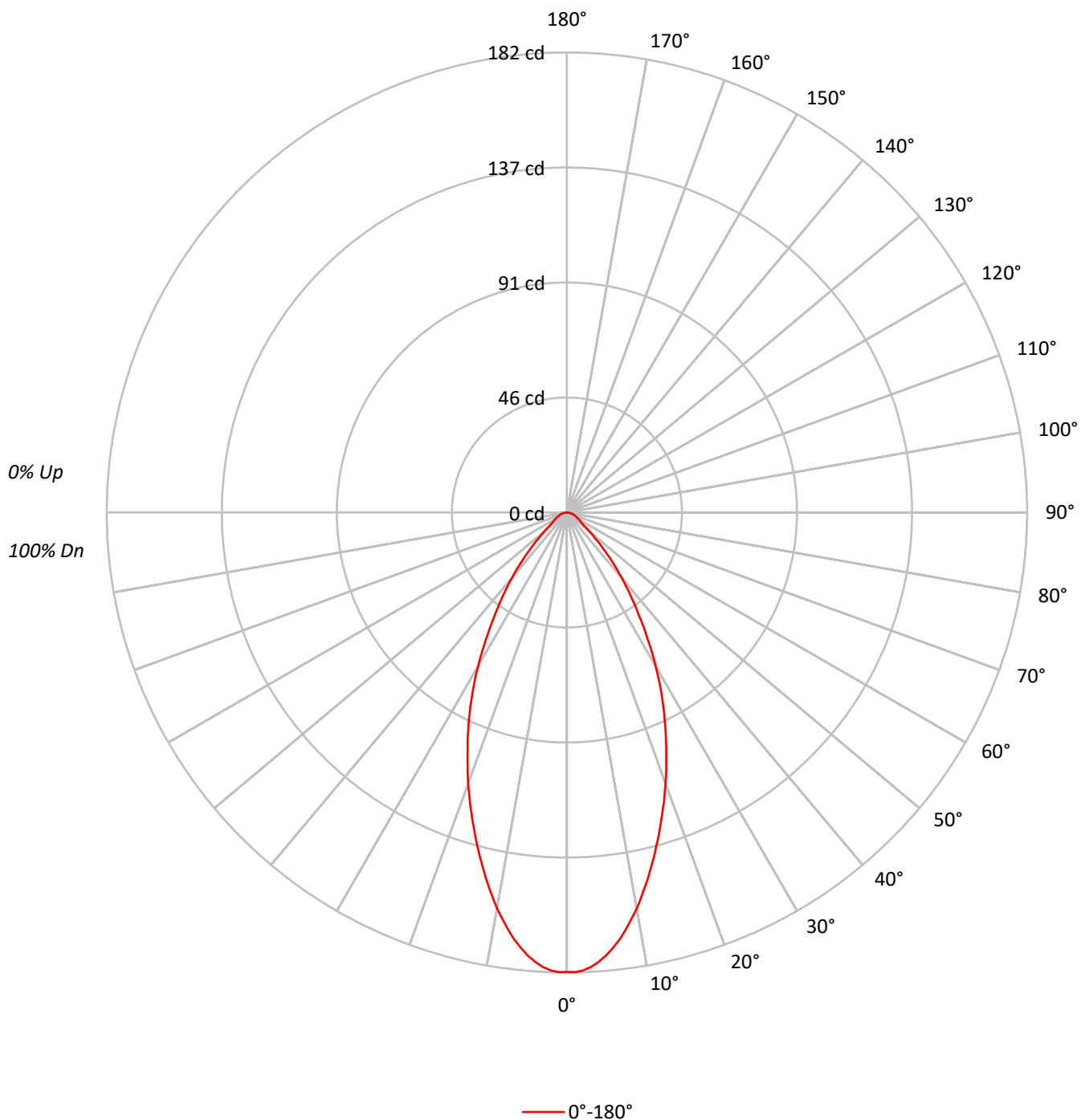
Lumens per Lamp: N/A
Luminaire Lumens: 158.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.8
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				0
RW	70	50	30	10	70	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		100
1	113	109	107	104	110	107	105	102	103	101	99		99	98	96		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		60
7	80	70	63	58	78	69	63	58	67	62	58		66	61	58		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	39843
5°	38763
10°	35426
15°	31033
20°	26626
25°	22235
30°	17800
35°	13331
40°	9675
45°	6326
50°	3957
55°	2676
60°	2368
65°	2179
70°	2052
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6326 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.2	10.3
10°-20°	38.1	24.1
20°-30°	42.0	26.6
30°-40°	31.4	19.9
40°-50°	16.3	10.3
50°-60°	6.7	4.3
60°-70°	4.2	2.6
70°-80°	2.3	1.5
80°-90°	0.7	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°	96.3	61.0
0°-40°	127.7	80.9
0°-60°	150.8	95.4
0°-90°	158.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	158.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	182	
5°	176	16
15°	137	38
25°	92	42
35°	50	31
45°	20	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	181.7
1°	181.9
2°	181.3
3°	180.1
4°	178.3
5°	176.1
6°	173.3
7°	170.3
8°	166.7
9°	162.9
10°	159.1
12.5°	148.1
15°	136.7
17.5°	125.3
20°	114.1
22.5°	102.7
25°	91.9
27.5°	81.1
30°	70.3
32.5°	59.6
35°	49.8
37.5°	41.4
40°	33.8
42.5°	26.8
45°	20.4
47.5°	15.4
50°	11.6
52.5°	8.6
55°	7.0
57.5°	6.2
60°	5.4
62.5°	4.8
65°	4.2
67.5°	3.6
70°	3.2
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)