

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: P1265442

Luminaire Tested: P3A17R359730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265442
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: P3A17R359730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

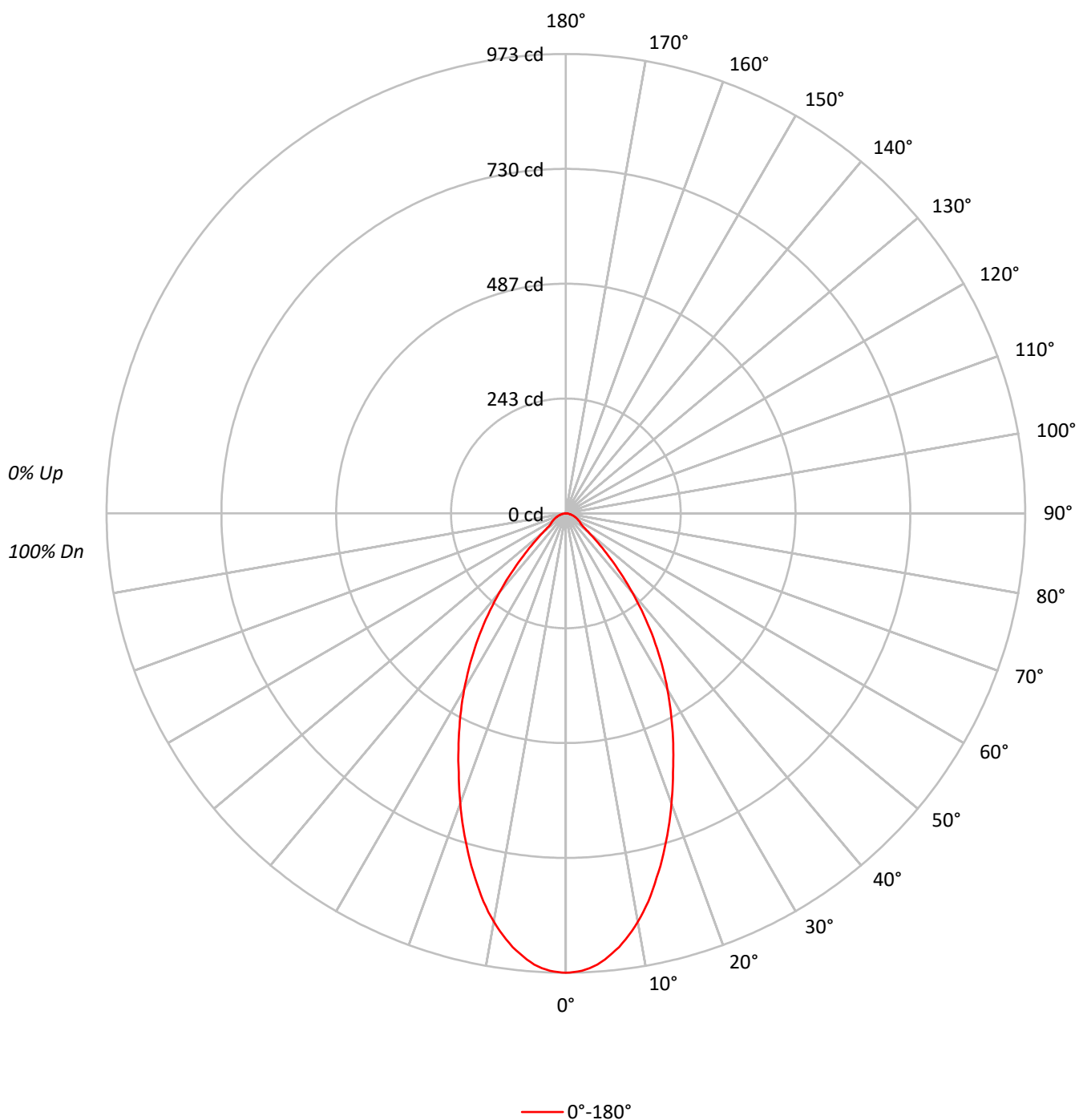
Lumens per Lamp: N/A
Luminaire Lumens: 934.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	213360
5°	208826
10°	195565
15°	175552
20°	152707
25°	130120
30°	109004
35°	86813
40°	62775
45°	39725
50°	21662
55°	14986
60°	14166
65°	13179
70°	12566
75°	10760
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39725 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.3	9.5
10°-20°	215.2	23.0
20°-30°	246.6	26.4
30°-40°	201.2	21.5
40°-50°	101.5	10.9
50°-60°	37.7	4.0
60°-70°	25.3	2.7
70°-80°	14.0	1.5
80°-90°	4.3	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°	550.1	58.9
0°-40°	751.3	80.4
0°-60°	890.5	95.3
0°-90°	934.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	934.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	973	
5°	949	88
15°	773	215
25°	538	247
35°	324	201
45°	128	101
55°	39	38
65°	25	25
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	973.0
1°	971.8
2°	969.5
3°	964.9
4°	958.0
5°	948.7
6°	937.2
7°	925.6
8°	910.6
9°	895.6
10°	878.3
11°	859.9
12°	840.2
13°	818.3
14°	795.2
15°	773.3
17.5°	714.4
20°	654.4
22.5°	593.2
25°	537.8
27.5°	483.6
30°	430.5
32.5°	377.4
35°	324.3
37.5°	271.2
40°	219.3
42.5°	170.8
45°	128.1
47.5°	92.3
50°	63.5
52.5°	46.2
55°	39.2
57.5°	35.8
60°	32.3
62.5°	28.9
65°	25.4
67.5°	21.9
70°	19.6
72.5°	16.2
75°	12.7
77.5°	10.4
80°	8.1
82.5°	5.8
85°	3.5
87.5°	2.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)