

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: P1267821

Luminaire Tested: P3A17R359735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267821
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: P3A17R359735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

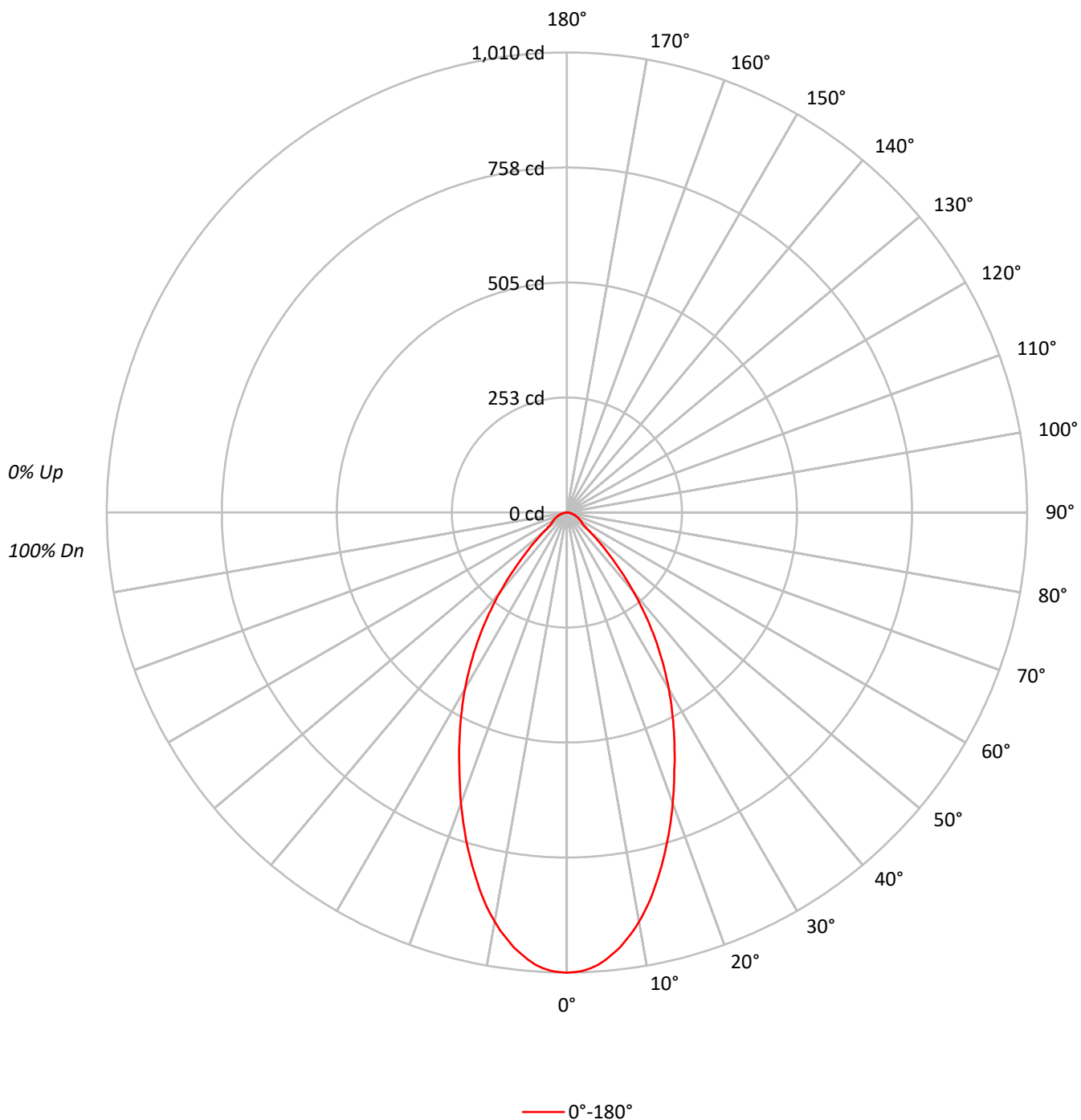
Lumens per Lamp: N/A
Luminaire Lumens: 970.1 lumens
Efficiency: N/A
Efficacy: 45.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	221583
5°	216883
10°	203114
15°	182317
20°	158587
25°	135153
30°	113207
35°	90159
40°	65179
45°	41276
50°	22481
55°	15598
60°	14736
65°	13698
70°	13079
75°	11184
80°	10607
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41276 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.7	9.5
10°-20°	223.5	23.0
20°-30°	256.1	26.4
30°-40°	209.0	21.5
40°-50°	105.4	10.9
50°-60°	39.2	4.0
60°-70°	26.3	2.7
70°-80°	14.6	1.5
80°-90°	4.4	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°	571.3	58.9
0°-40°	780.3	80.4
0°-60°	924.8	95.3
0°-90°	970.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	970.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1010	
5°	985	92
15°	803	223
25°	559	256
35°	337	209
45°	133	105
55°	41	39
65°	26	26
75°	13	15
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1010.5
1°	1009.3
2°	1006.9
3°	1002.1
4°	994.9
5°	985.3
6°	973.3
7°	961.3
8°	945.7
9°	930.2
10°	912.2
11°	893.0
12°	872.6
13°	849.9
14°	825.9
15°	803.1
17.5°	742.0
20°	679.6
22.5°	616.1
25°	558.6
27.5°	502.2
30°	447.1
32.5°	392.0
35°	336.8
37.5°	281.7
40°	227.7
42.5°	177.4
45°	133.1
47.5°	95.9
50°	65.9
52.5°	47.9
55°	40.8
57.5°	37.2
60°	33.6
62.5°	30.0
65°	26.4
67.5°	22.8
70°	20.4
72.5°	16.8
75°	13.2
77.5°	10.8
80°	8.4
82.5°	6.0
85°	3.6
87.5°	2.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)