

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: P1265320

Luminaire Tested: P3A17R159730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265320
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

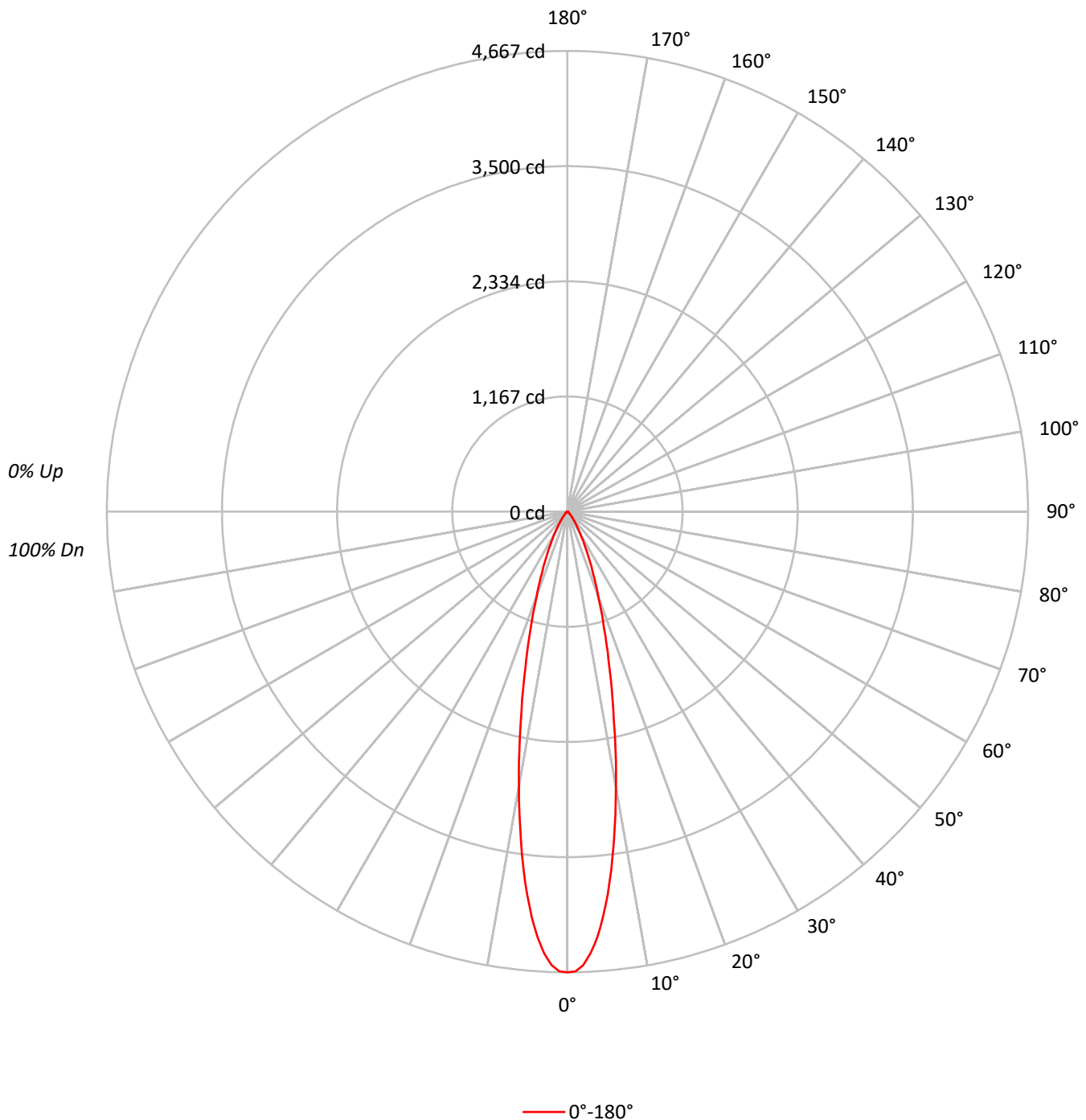
Lumens per Lamp: N/A
Luminaire Lumens: 1198.0 lumens
Efficiency: N/A
Efficacy: 56.5 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1023405
5°	908428
10°	630872
15°	373078
20°	212492
25°	121459
30°	67200
35°	35844
40°	19809
45°	10730
50°	6686
55°	5276
60°	4561
65°	4203
70°	3719
75°	3897
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10730 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	350.9	29.3
10°-20°	463.2	38.7
20°-30°	238.5	19.9
30°-40°	89.5	7.5
40°-50°	29.3	2.4
50°-60°	12.6	1.1
60°-70°	8.0	0.7
70°-80°	4.7	0.4
80°-90°	1.3	0.1
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°	1052.6	87.9
0°-40°	1142.1	95.3
0°-60°	1184.0	98.8
0°-90°	1198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4667	
5°	4127	351
15°	1643	463
25°	502	238
35°	134	90
45°	35	29
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4667.1
1°	4657.9
2°	4596.7
3°	4480.1
4°	4326.7
5°	4127.0
6°	3900.8
7°	3652.7
8°	3376.8
9°	3104.5
10°	2833.3
12.5°	2180.1
15°	1643.4
17.5°	1230.3
20°	910.6
22.5°	679.8
25°	502.0
27.5°	365.8
30°	265.4
32.5°	188.1
35°	133.9
37.5°	95.8
40°	69.2
42.5°	49.6
45°	34.6
47.5°	25.4
50°	19.6
52.5°	16.2
55°	13.8
57.5°	11.5
60°	10.4
62.5°	9.2
65°	8.1
67.5°	6.9
70°	5.8
72.5°	5.8
75°	4.6
77.5°	3.5
80°	2.3
82.5°	2.3
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)