

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: P1267696

Luminaire Tested: P3A17R159735DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267696
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: P3A17R159735DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

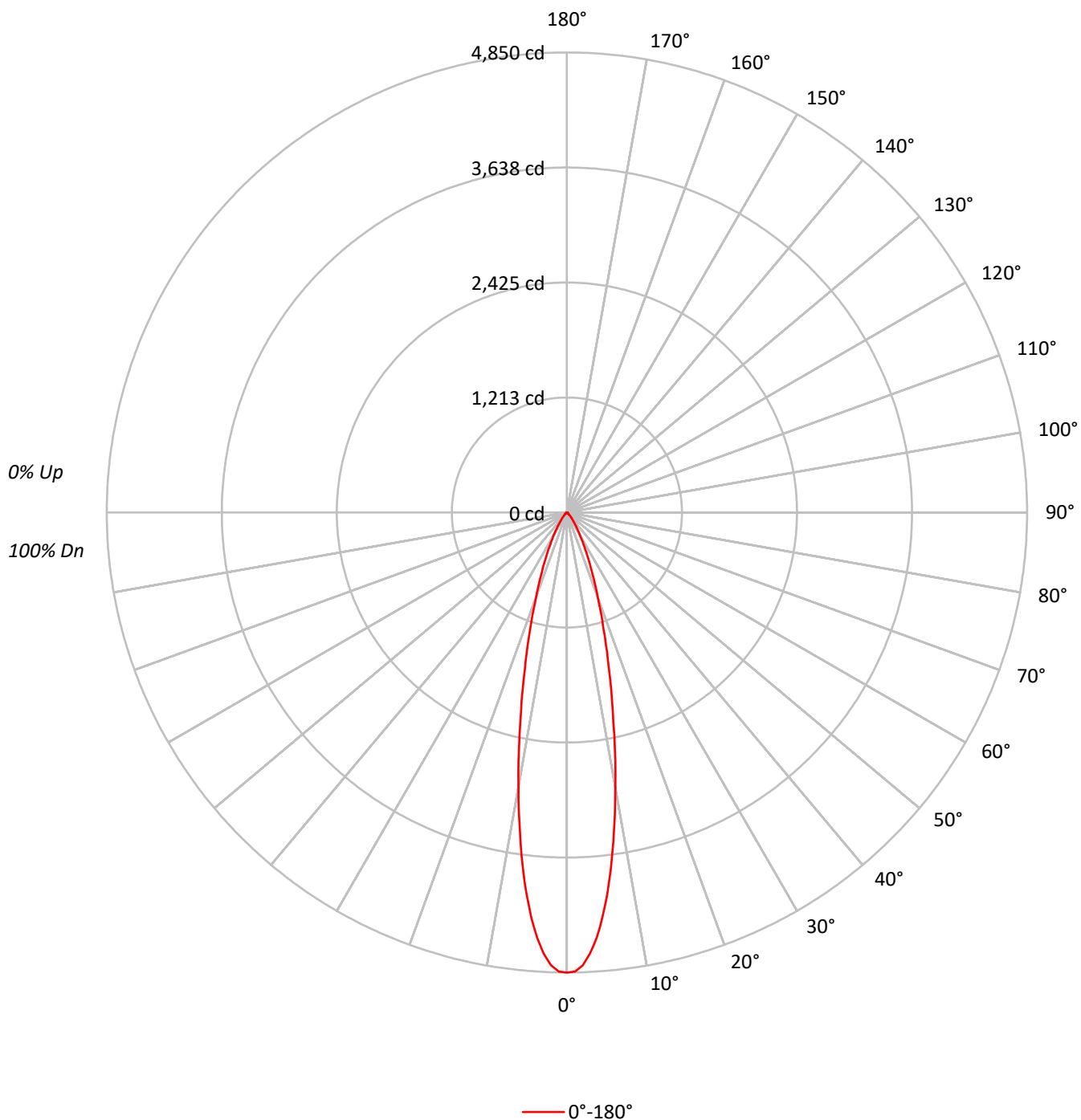
Lumens per Lamp: N/A
Luminaire Lumens: 1245.0 lumens
Efficiency: N/A
Efficacy: 58.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	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		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97		98	96	95		96	94	93	91
3	106	101	97	93	104	99	96	93	97	94	91		94	92	90		92	90	88	87
4	102	96	92	88	100	95	91	88	93	89	87		91	88	86		89	87	85	83
5	98	92	87	84	97	91	87	83	89	85	83		88	84	82		86	83	81	80
6	95	88	83	80	94	87	83	80	86	82	79		85	81	79		83	80	78	77
7	92	85	80	77	91	84	80	76	83	79	76		82	78	76		81	78	75	74
8	89	81	77	74	88	81	77	73	80	76	73		79	75	73		78	75	73	72
9	86	79	74	71	85	78	74	71	77	73	71		77	73	70		76	73	70	69
10	84	76	71	68	83	76	71	68	75	71	68		74	71	68		74	70	68	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1063555
5°	944065
10°	655610
15°	387721
20°	220823
25°	126225
30°	69859
35°	37236
40°	20610
45°	11164
50°	6959
55°	5505
60°	4736
65°	4358
70°	3847
75°	4067
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	364.7	29.3
10°-20°	481.3	38.7
20°-30°	247.8	19.9
30°-40°	93.1	7.5
40°-50°	30.5	2.4
50°-60°	13.1	1.1
60°-70°	8.3	0.7
70°-80°	4.9	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°	1093.9	87.9
0°-40°	1186.9	95.3
0°-60°	1230.5	98.8
0°-90°	1245.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1245.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4850	
5°	4289	365
15°	1708	481
25°	522	248
35°	139	93
45°	36	30
55°	14	13
65°	8	8
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	4850.2
1°	4840.6
2°	4777.0
3°	4655.9
4°	4496.4
5°	4288.9
6°	4053.8
7°	3796.0
8°	3509.3
9°	3226.3
10°	2944.4
12.5°	2265.6
15°	1707.9
17.5°	1278.5
20°	946.3
22.5°	706.4
25°	521.7
27.5°	380.2
30°	275.9
32.5°	195.5
35°	139.1
37.5°	99.5
40°	72.0
42.5°	51.6
45°	36.0
47.5°	26.4
50°	20.4
52.5°	16.8
55°	14.4
57.5°	12.0
60°	10.8
62.5°	9.6
65°	8.4
67.5°	7.2
70°	6.0
72.5°	6.0
75°	4.8
77.5°	3.6
80°	2.4
82.5°	2.4
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)