

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: P1270263

Luminaire Tested: P3A17R459740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270263
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R459740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

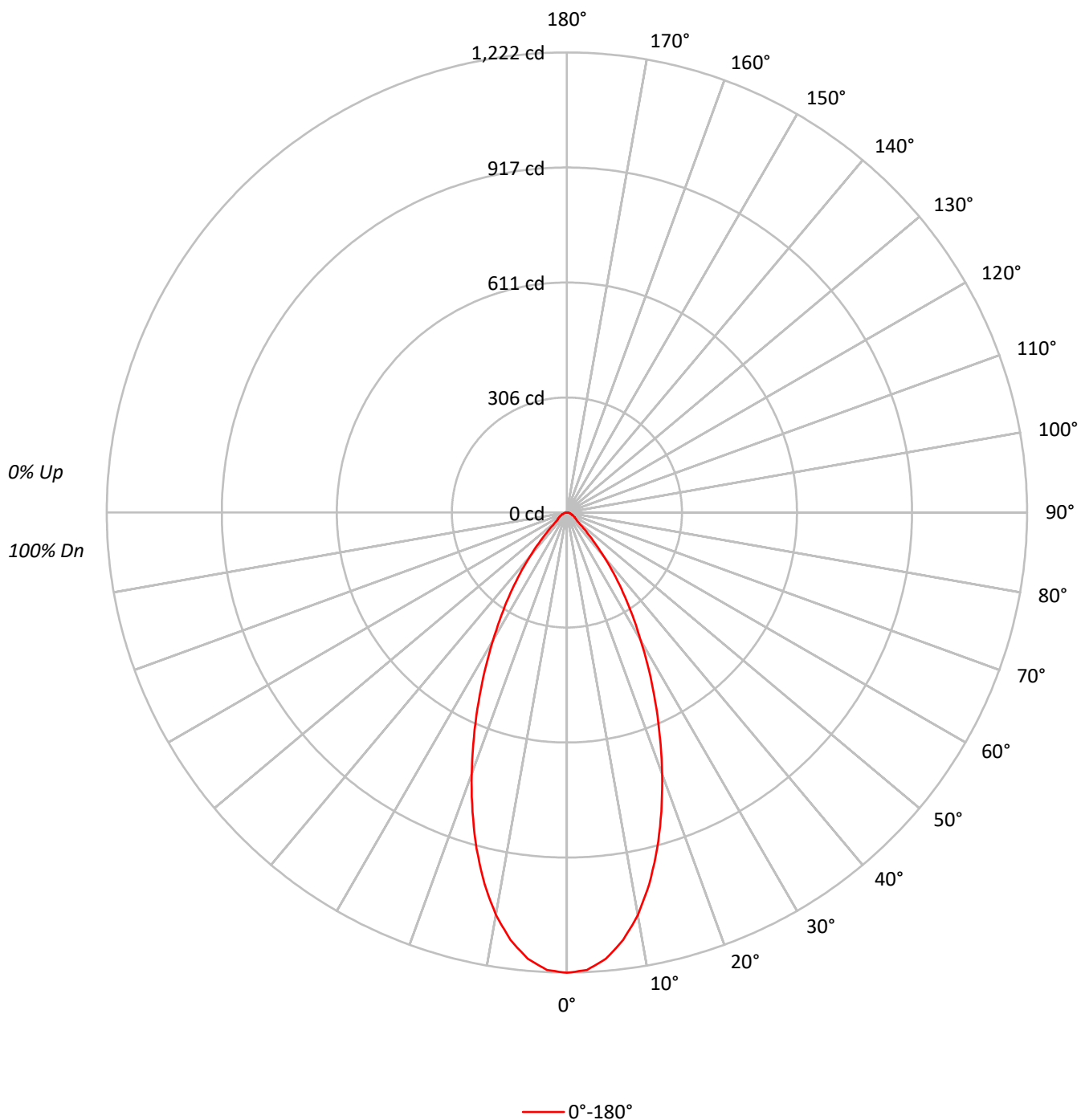
Lumens per Lamp: N/A
Luminaire Lumens: 899.9 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268071
5°	261963
10°	241657
15°	210126
20°	172612
25°	134306
30°	99180
35°	69787
40°	43567
45°	23599
50°	12759
55°	10972
60°	9868
65°	8406
70°	7181
75°	7371
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23599 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.2	12.2
10°-20°	255.9	28.4
20°-30°	254.0	28.2
30°-40°	163.6	18.2
40°-50°	63.0	7.0
50°-60°	25.6	2.8
60°-70°	16.2	1.8
70°-80°	8.7	1.0
80°-90°	2.7	0.3
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°	620.1	68.9
0°-40°	783.7	87.1
0°-60°	872.4	96.9
0°-90°	899.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	899.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1222	
5°	1190	110
15°	926	256
25°	555	254
35°	261	164
45°	76	63
55°	29	26
65°	16	16
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1222.5
2.5°	1216.3
5°	1190.1
7.5°	1145.2
10°	1085.3
12.5°	1010.4
15°	925.6
17.5°	833.3
20°	739.7
22.5°	644.9
25°	555.1
27.5°	470.3
30°	391.7
32.5°	323.1
35°	260.7
37.5°	204.6
40°	152.2
42.5°	109.8
45°	76.1
47.5°	51.1
50°	37.4
52.5°	31.2
55°	28.7
57.5°	24.9
60°	22.5
62.5°	18.7
65°	16.2
67.5°	13.7
70°	11.2
72.5°	10.0
75°	8.7
77.5°	6.2
80°	5.0
82.5°	3.7
85°	2.5
87.5°	1.2
90°	0.0

(END OF REPORT)