

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: P1265493

Luminaire Tested: P3A17R459730DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265493
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-27)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R459730DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

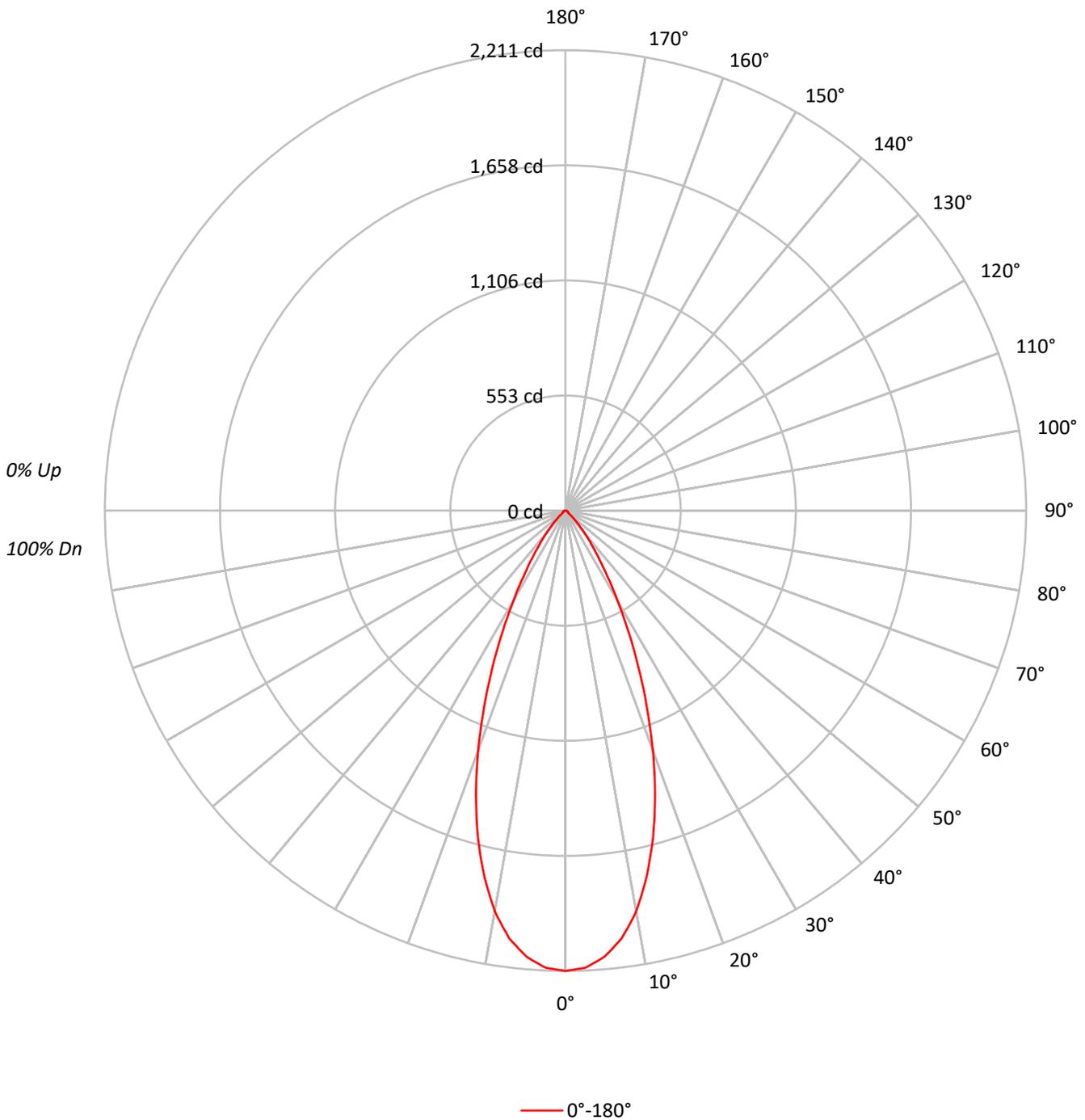
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1291.0 lumens
Efficiency: N/A
Efficacy: 60.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.69
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				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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	109	104	100	97	106	102	99	96	99	96	94	96	94	92	93	91	90	88	88	88	88
3	104	98	93	89	102	96	92	88	94	90	87	91	88	86	89	86	84	83	83	83	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	78	78	78	78
5	94	87	81	77	93	86	81	77	84	80	76	82	79	76	81	78	75	74	74	74	74
6	90	82	76	73	89	81	76	72	80	75	72	78	74	71	77	74	71	70	70	70	70
7	86	78	72	68	85	77	72	68	76	71	68	75	71	67	74	70	67	66	66	66	66
8	83	74	68	65	82	73	68	64	72	68	64	71	67	64	70	67	64	62	62	62	62
9	79	70	65	61	78	70	65	61	69	64	61	68	64	61	67	63	61	59	59	59	59
10	76	67	62	58	75	67	62	58	66	61	58	65	61	58	65	61	58	57	57	57	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	484808
5°	473452
10°	435218
15°	368765
20°	286115
25°	199995
30°	125994
35°	74178
40°	41964
45°	20405
50°	7096
55°	5735
60°	5570
65°	5396
70°	5193
75°	4914
80°	4420
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20405 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	199.1	15.4
10°-20°	446.1	34.6
20°-30°	378.8	29.3
30°-40°	180.7	14.0
40°-50°	54.4	4.2
50°-60°	13.8	1.1
60°-70°	10.3	0.8
70°-80°	6.1	0.5
80°-90°	1.8	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°	1024.0	79.3
0°-40°	1204.7	93.3
0°-60°	1272.9	98.6
0°-90°	1291.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1291.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2211	
5°	2151	199
15°	1624	446
25°	827	379
35°	277	181
45°	66	54
55°	15	14
65°	10	10
75°	6	6
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	2210.9
2.5°	2197.1
5°	2150.9
7.5°	2071.2
10°	1954.6
12.5°	1799.9
15°	1624.4
17.5°	1429.3
20°	1226.1
22.5°	1019.5
25°	826.6
27.5°	651.2
30°	497.6
32.5°	374.1
35°	277.1
37.5°	204.4
40°	146.6
42.5°	101.6
45°	65.8
47.5°	36.9
50°	20.8
52.5°	16.2
55°	15.0
57.5°	13.9
60°	12.7
62.5°	11.5
65°	10.4
67.5°	9.2
70°	8.1
72.5°	6.9
75°	5.8
77.5°	4.6
80°	3.5
82.5°	2.3
85°	1.2
87.5°	1.2
90°	0.0

(END OF REPORT)