

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: P1270292

Luminaire Tested: P3A17R509740DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R509740DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

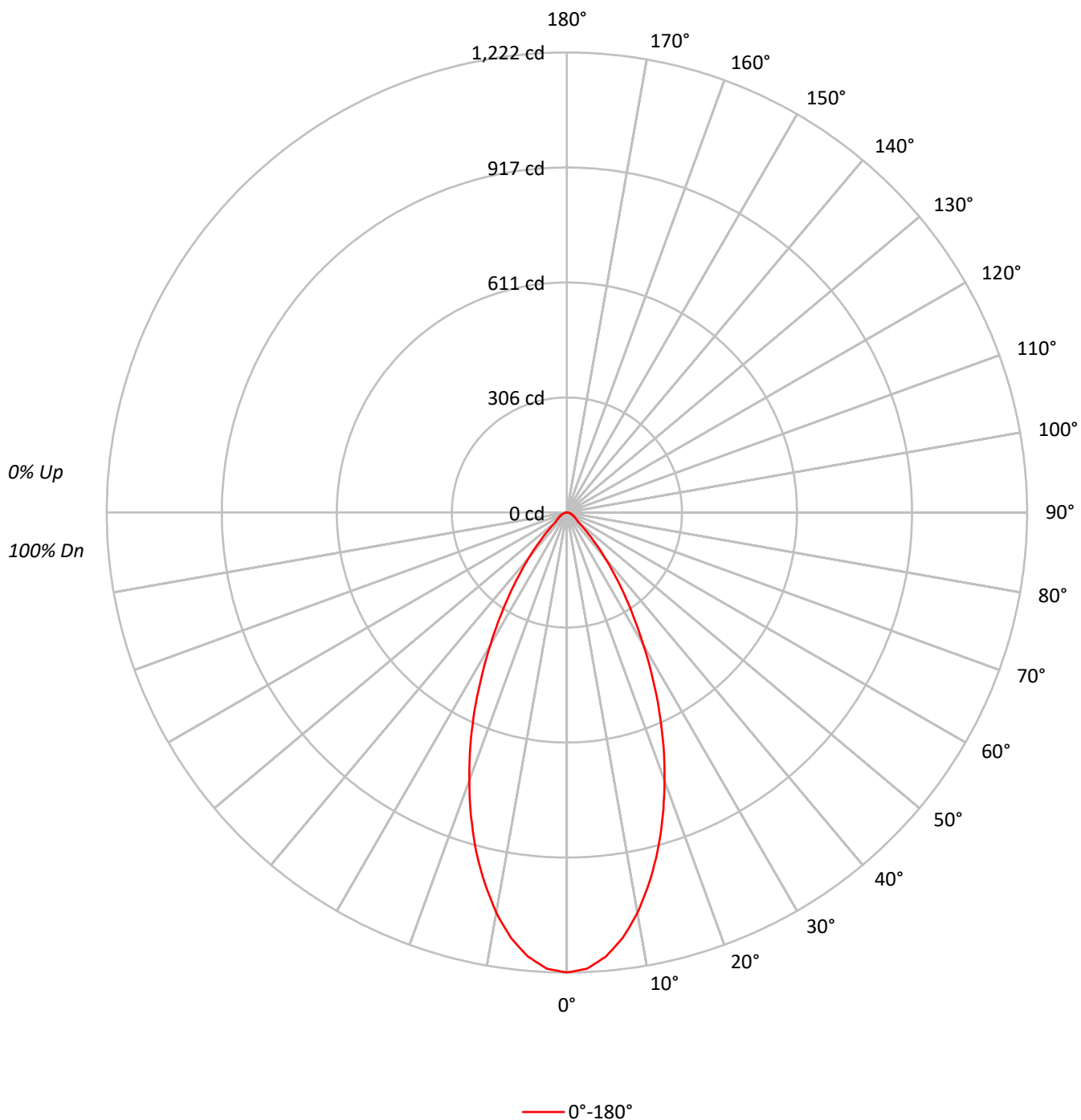
Lumens per Lamp: N/A
Luminaire Lumens: 921.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	267873
5°	260664
10°	240365
15°	211375
20°	176859
25°	140234
30°	102902
35°	70751
40°	44970
45°	25119
50°	13611
55°	11431
60°	9824
65°	9080
70°	8014
75°	7371
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25119 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.7	11.9
10°-20°	257.9	28.0
20°-30°	263.8	28.6
30°-40°	167.3	18.2
40°-50°	66.5	7.2
50°-60°	27.0	2.9
60°-70°	17.3	1.9
70°-80°	8.9	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°	631.4	68.6
0°-40°	798.6	86.7
0°-60°	892.2	96.9
0°-90°	921.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	921.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1222	
5°	1184	110
15°	931	258
25°	580	264
35°	264	167
45°	81	67
55°	30	27
65°	18	17
75°	9	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1221.6
2.5°	1212.9
5°	1184.2
7.5°	1139.3
10°	1079.5
12.5°	1008.4
15°	931.1
17.5°	846.4
20°	757.9
22.5°	669.4
25°	579.6
27.5°	489.9
30°	406.4
32.5°	331.6
35°	264.3
37.5°	206.9
40°	157.1
42.5°	115.9
45°	81.0
47.5°	54.8
50°	39.9
52.5°	33.7
55°	29.9
57.5°	26.2
60°	22.4
62.5°	19.9
65°	17.5
67.5°	15.0
70°	12.5
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)