

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: P1263174

Luminaire Tested: P3A17R559727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263174
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R559727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

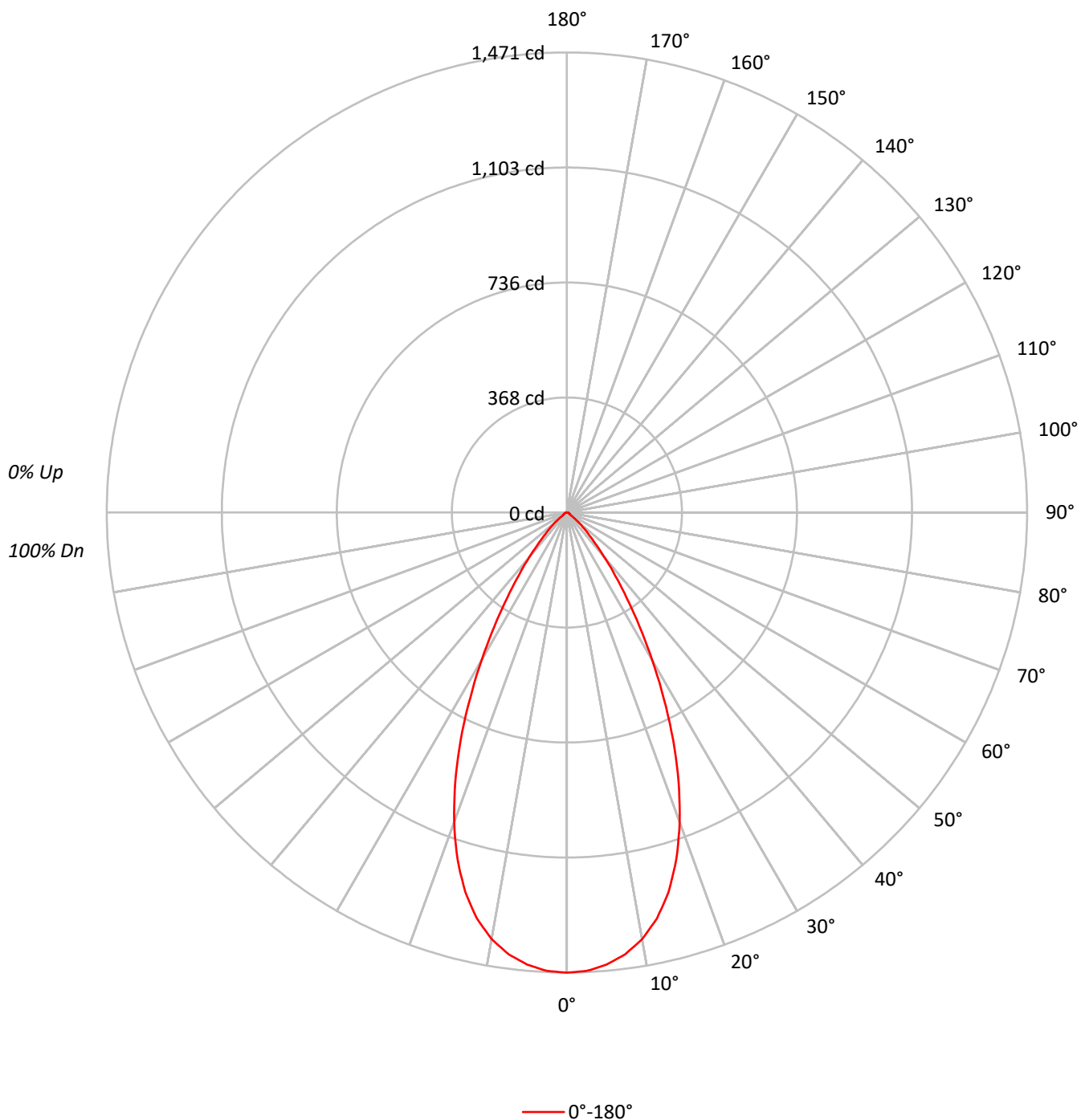
Lumens per Lamp: N/A
Luminaire Lumens: 1175.0 lumens
Efficiency: N/A
Efficacy: 55.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93		
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87		
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	85	82	81		
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	82	79	77	75		
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70		
6	88	79	73	69	86	78	73	68	77	72	68	75	71	68	74	70	67	66		
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62		
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58		
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55		
10	73	63	57	53	72	62	57	53	62	57	53	61	56	53	60	56	53	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	322650
5°	319370
10°	308433
15°	285087
20°	246001
25°	194310
30°	137844
35°	88874
40°	53386
45°	30081
50°	16170
55°	5773
60°	5219
65°	5033
70°	4809
75°	4575
80°	4041
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30081 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.5	11.6
10°-20°	347.3	29.6
20°-30°	363.9	31.0
30°-40°	212.3	18.1
40°-50°	79.5	6.8
50°-60°	18.7	1.6
60°-70°	9.6	0.8
70°-80°	5.7	0.5
80°-90°	1.6	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°	847.6	72.1
0°-40°	1060.0	90.2
0°-60°	1158.1	98.6
0°-90°	1175.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1175.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1471	
5°	1451	136
15°	1256	347
25°	803	364
35°	332	212
45°	97	79
55°	15	19
65°	10	10
75°	5	6
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1471.4
2.5°	1467.1
5°	1450.9
7.5°	1425.0
10°	1385.2
12.5°	1329.1
15°	1255.8
17.5°	1163.1
20°	1054.2
22.5°	932.4
25°	803.1
27.5°	670.5
30°	544.4
32.5°	430.1
35°	332.0
37.5°	252.2
40°	186.5
42.5°	133.7
45°	97.0
47.5°	70.1
50°	47.4
52.5°	26.9
55°	15.1
57.5°	12.9
60°	11.9
62.5°	10.8
65°	9.7
67.5°	8.6
70°	7.5
72.5°	6.5
75°	5.4
77.5°	4.3
80°	3.2
82.5°	2.2
85°	1.1
87.5°	1.1
90°	0.0

(END OF REPORT)