

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: P1269348

Luminaire Tested: P3A09R209740DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269348
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209740DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

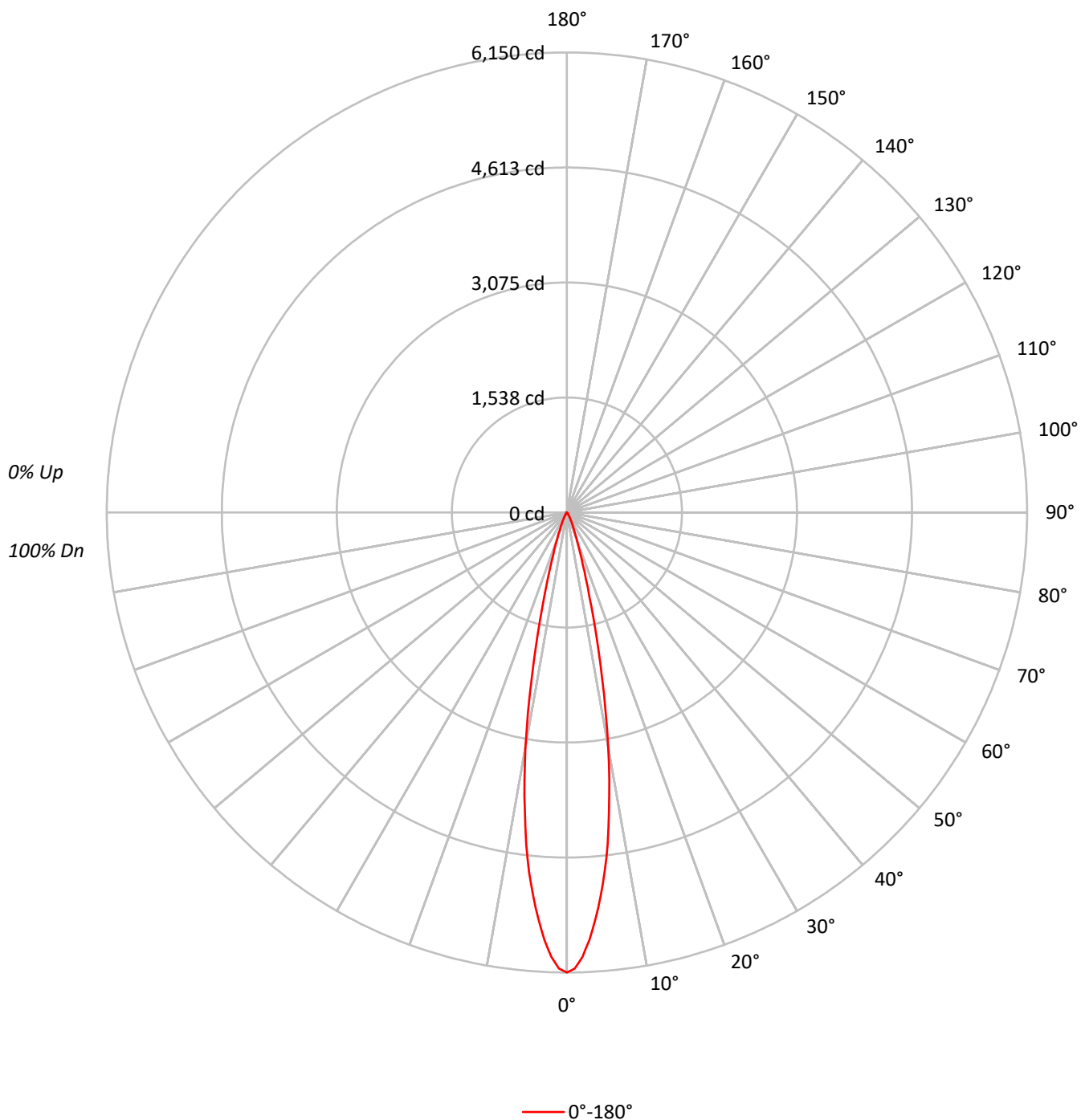
Lumens per Lamp: N/A
Luminaire Lumens: 888.9 lumens
Efficiency: N/A
Efficacy: 80.1 lumens/watt
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	115	114	112	110	113	111	110	108	107	106	105		104	103	102		100
2	112	109	106	104	110	107	105	103	104	102	101		101	100	98		99
3	109	105	102	99	107	104	101	98	101	99	97		99	97	95		97
4	106	101	98	95	105	100	97	95	99	96	94		97	95	93		95
5	104	98	95	92	102	98	94	92	96	93	91		95	92	90		93
6	101	96	92	89	100	95	92	89	94	91	89		93	90	88		92
7	99	93	90	87	98	93	89	87	92	89	86		91	88	86		90
8	97	91	87	85	96	91	87	85	90	87	85		89	86	84		88
9	95	89	85	83	94	89	85	83	88	85	83		87	84	83		87
10	93	87	84	81	92	87	83	81	86	83	81		86	83	81		85

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1348532
5°	1135414
10°	709161
15°	265132
20°	91008
25°	37938
30°	17876
35°	8004
40°	3779
45°	1954
50°	716
55°	115
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1954 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	428.9	48.3
10°-20°	353.3	39.7
20°-30°	80.3	9.0
30°-40°	20.4	2.3
40°-50°	5.1	0.6
50°-60°	0.6	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	862.6	97.0
0°-40°	883.0	99.3
0°-60°	888.8	100.0
0°-90°	888.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	888.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	6150	
5°	5158	429
15°	1168	353
25°	157	80
35°	30	20
45°	6	5
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	6149.8
1°	6097.7
2°	5944.1
3°	5723.7
4°	5453.3
5°	5158.2
6°	4829.4
7°	4466.5
8°	4043.1
9°	3623.6
10°	3184.9
11°	2718.1
12°	2252.0
13°	1857.2
14°	1479.7
15°	1167.9
16°	921.8
17°	727.1
18°	584.3
19°	475.2
20°	390.0
21°	326.0
22°	272.2
23°	226.3
24°	188.7
25°	156.8
27.5°	102.5
30°	70.6
32.5°	43.4
35°	29.9
37.5°	19.1
40°	13.2
42.5°	9.0
45°	6.3
47.5°	4.2
50°	2.1
52.5°	1.0
55°	0.3
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.0
70°	0.0
72.5°	0.0



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CANDELA DISTRIBUTION (continued):

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)