

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: P1264682

Luminaire Tested: P3A09R359730DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264682
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R359730DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

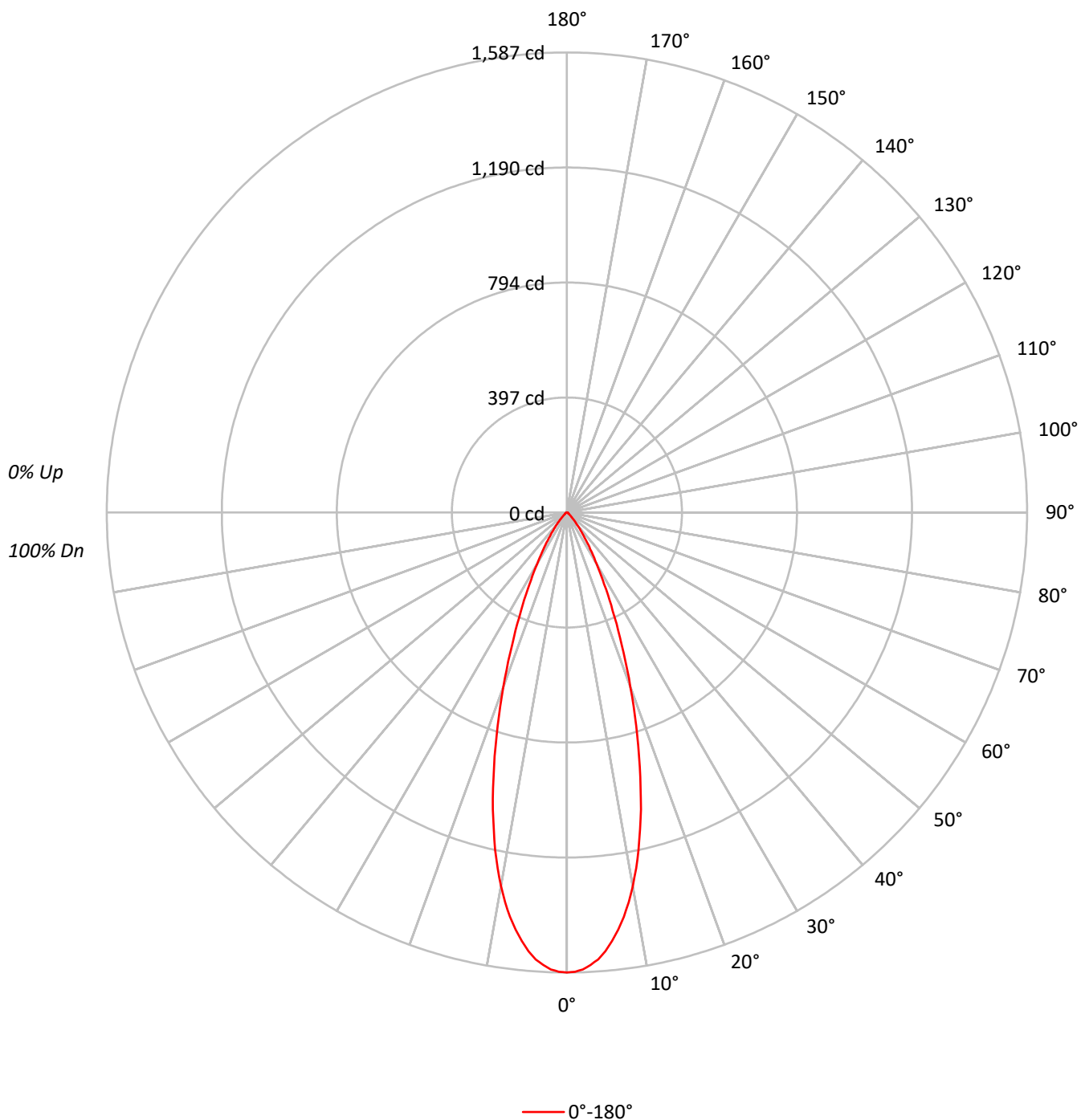
Lumens per Lamp: N/A
Luminaire Lumens: 690.0 lumens
Efficiency: N/A
Efficacy: 62.2 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	347998
5°	334448
10°	291400
15°	223202
20°	149323
25°	90368
30°	51856
35°	28991
40°	15400
45°	7939
50°	3821
55°	3020
60°	2895
65°	2387
70°	2500
75°	2203
80°	2526
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.2	20.0
10°-20°	267.9	38.8
20°-30°	175.4	25.4
30°-40°	71.1	10.3
40°-50°	21.4	3.1
50°-60°	7.3	1.1
60°-70°	4.9	0.7
70°-80°	2.9	0.4
80°-90°	1.0	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°	581.5	84.3
0°-40°	652.7	94.6
0°-60°	681.3	98.7
0°-90°	690.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	690.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1587	
5°	1519	138
15°	983	268
25°	374	175
35°	108	71
45°	26	21
55°	8	7
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1587.0
1°	1584.4
2°	1577.2
3°	1562.7
4°	1545.7
5°	1519.4
6°	1486.6
7°	1449.9
8°	1408.5
9°	1361.3
10°	1308.7
11°	1250.3
12°	1189.3
13°	1121.0
14°	1056.1
15°	983.2
17.5°	806.6
20°	639.9
22.5°	492.3
25°	373.5
27.5°	278.3
30°	204.8
32.5°	150.3
35°	108.3
37.5°	76.8
40°	53.8
42.5°	37.4
45°	25.6
47.5°	17.1
50°	11.2
52.5°	8.5
55°	7.9
57.5°	7.2
60°	6.6
62.5°	5.9
65°	4.6
67.5°	3.9
70°	3.9
72.5°	3.3
75°	2.6
77.5°	2.0
80°	2.0
82.5°	1.3
85°	0.7
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)