

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: P1262303

Luminaire Tested: P3AS09R359727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262303
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: P3AS09R359727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

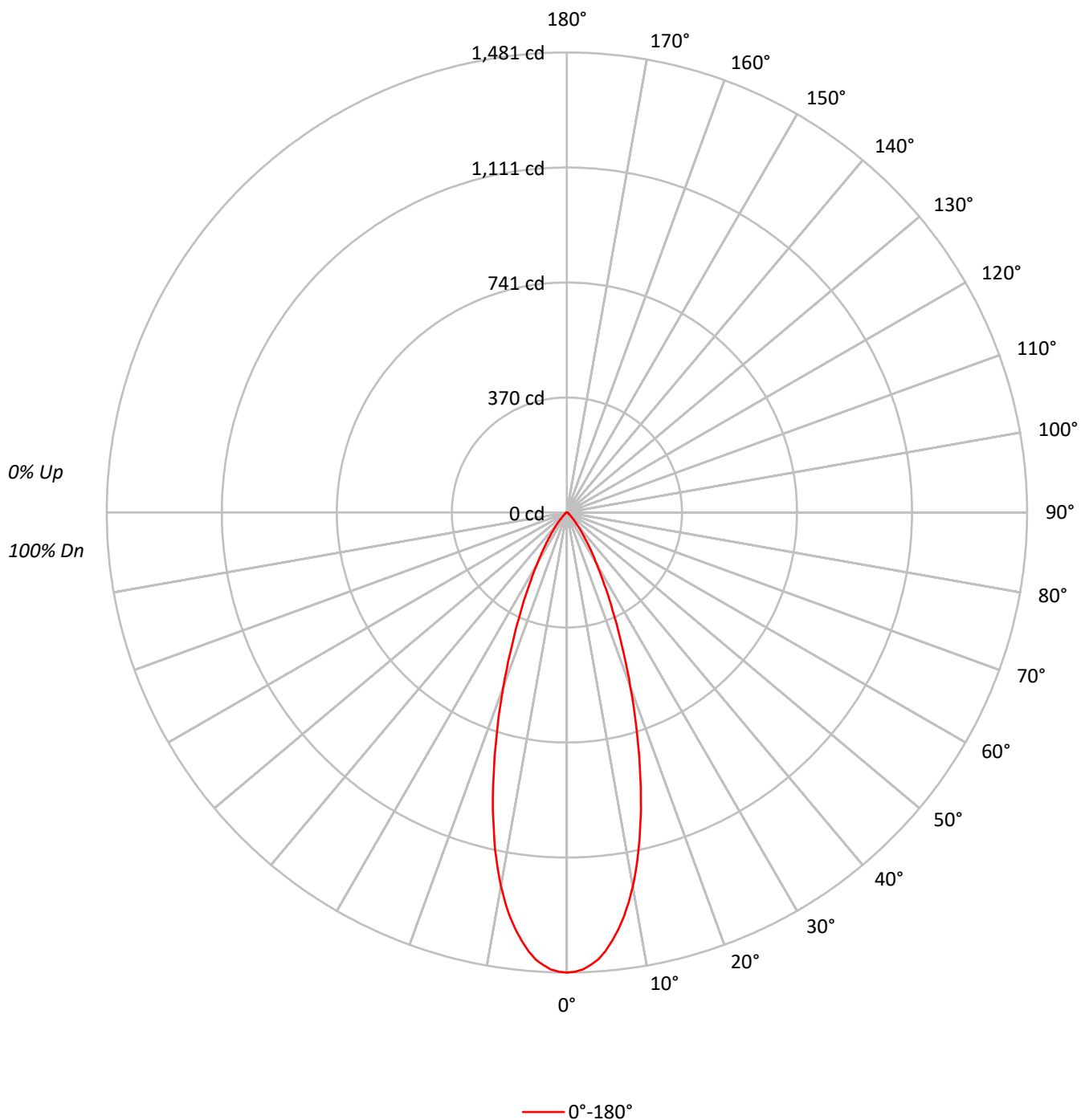
Lumens per Lamp: N/A
Luminaire Lumens: 644.0 lumens
Efficiency: N/A
Efficacy: 58.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	324799
5°	312150
10°	271983
15°	208333
20°	139382
25°	84344
30°	48387
35°	27064
40°	14370
45°	7412
50°	3548
55°	2829
60°	2675
65°	2231
70°	2372
75°	2118
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7412 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.0	20.0
10°-20°	250.1	38.8
20°-30°	163.7	25.4
30°-40°	66.4	10.3
40°-50°	19.9	3.1
50°-60°	6.8	1.1
60°-70°	4.5	0.7
70°-80°	2.7	0.4
80°-90°	0.9	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°	542.8	84.3
0°-40°	609.2	94.6
0°-60°	635.9	98.7
0°-90°	644.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	644.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1481	
5°	1418	129
15°	918	250
25°	349	164
35°	101	66
45°	24	20
55°	7	7
65°	4	5
75°	2	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1481.2
1°	1478.8
2°	1472.0
3°	1458.6
4°	1442.6
5°	1418.1
6°	1387.5
7°	1353.2
8°	1314.6
9°	1270.5
10°	1221.5
11°	1167.0
12°	1110.0
13°	1046.3
14°	985.7
15°	917.7
17.5°	752.9
20°	597.3
22.5°	459.4
25°	348.6
27.5°	259.7
30°	191.1
32.5°	140.3
35°	101.1
37.5°	71.7
40°	50.2
42.5°	34.9
45°	23.9
47.5°	15.9
50°	10.4
52.5°	8.0
55°	7.4
57.5°	6.7
60°	6.1
62.5°	5.5
65°	4.3
67.5°	3.7
70°	3.7
72.5°	3.1
75°	2.5
77.5°	1.8
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)