

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: P1261486

Luminaire Tested: P3AS02R309727DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261486
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R309727DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

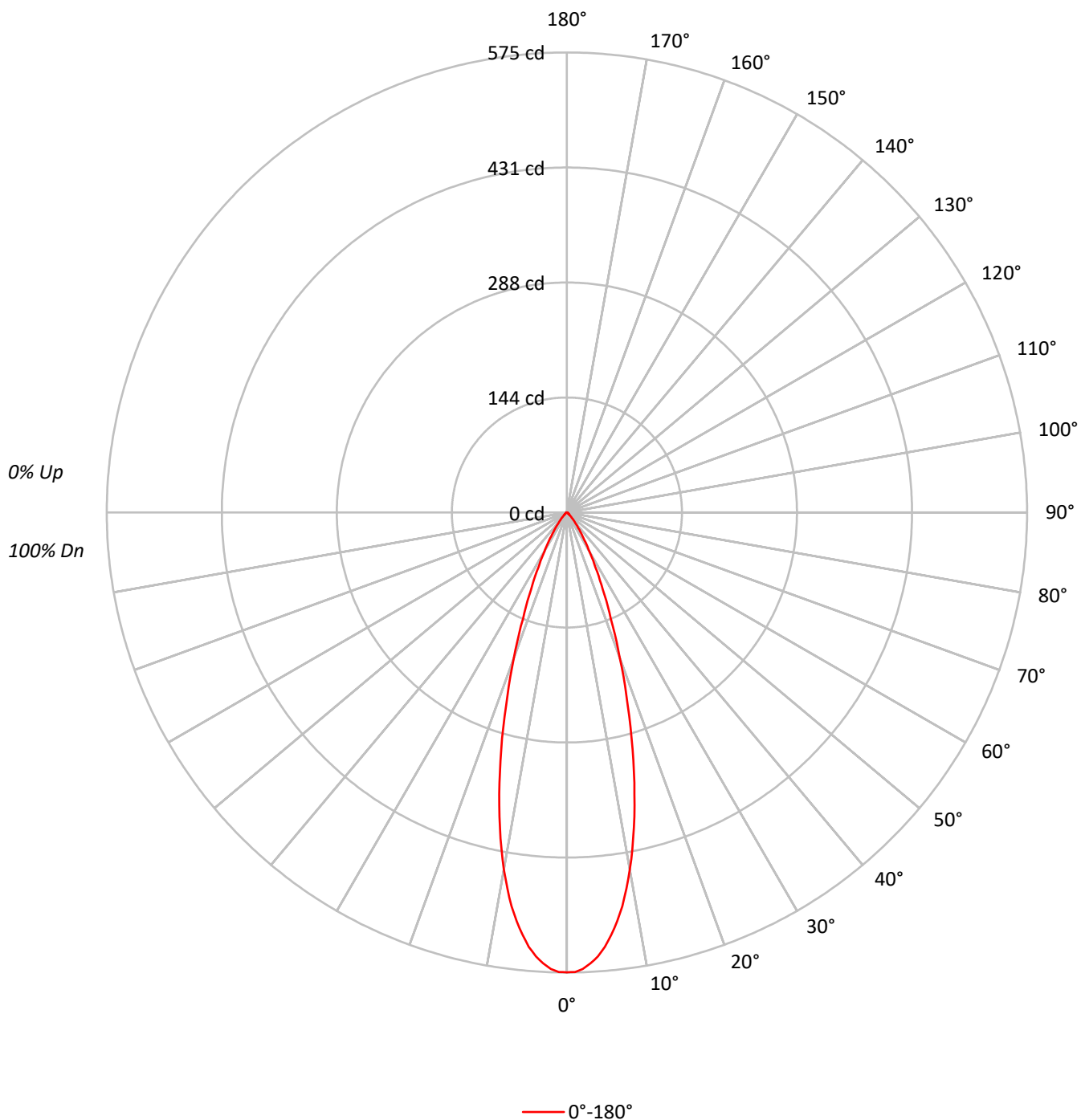
Lumens per Lamp: N/A
Luminaire Lumens: 215.9 lumens
Efficiency: N/A
Efficacy: 60.0 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	105	102	99	108	104	101	98	101	98	96	98	96	94	95	93	92	90		
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86		
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82		
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78		
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75		
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	72		
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69		
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66		
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126043
5°	119964
10°	100911
15°	72781
20°	45131
25°	25671
30°	14255
35°	7763
40°	4093
45°	2202
50°	1194
55°	765
60°	702
65°	726
70°	641
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2202 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	22.7
10°-20°	87.2	40.4
20°-30°	50.4	23.3
30°-40°	19.1	8.9
40°-50°	5.9	2.7
50°-60°	1.9	0.9
60°-70°	1.3	0.6
70°-80°	0.7	0.3
80°-90°	0.2	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°	186.7	86.5
0°-40°	205.9	95.3
0°-60°	213.7	99.0
0°-90°	215.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	215.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	575	
5°	545	49
15°	321	87
25°	106	50
35°	29	19
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	574.8
1°	574.4
2°	570.9
3°	564.4
4°	556.2
5°	545.0
6°	530.7
7°	514.8
8°	497.1
9°	475.8
10°	453.2
11°	428.7
12°	402.8
13°	375.7
14°	348.1
15°	320.6
17.5°	252.8
20°	193.4
22.5°	143.4
25°	106.1
27.5°	77.1
30°	56.3
32.5°	40.6
35°	29.0
37.5°	20.2
40°	14.3
42.5°	10.0
45°	7.1
47.5°	4.9
50°	3.5
52.5°	2.4
55°	2.0
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.8
75°	0.6
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)