

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: P1275978

Luminaire Tested: P3AS09R709835DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275978
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-47)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709835DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

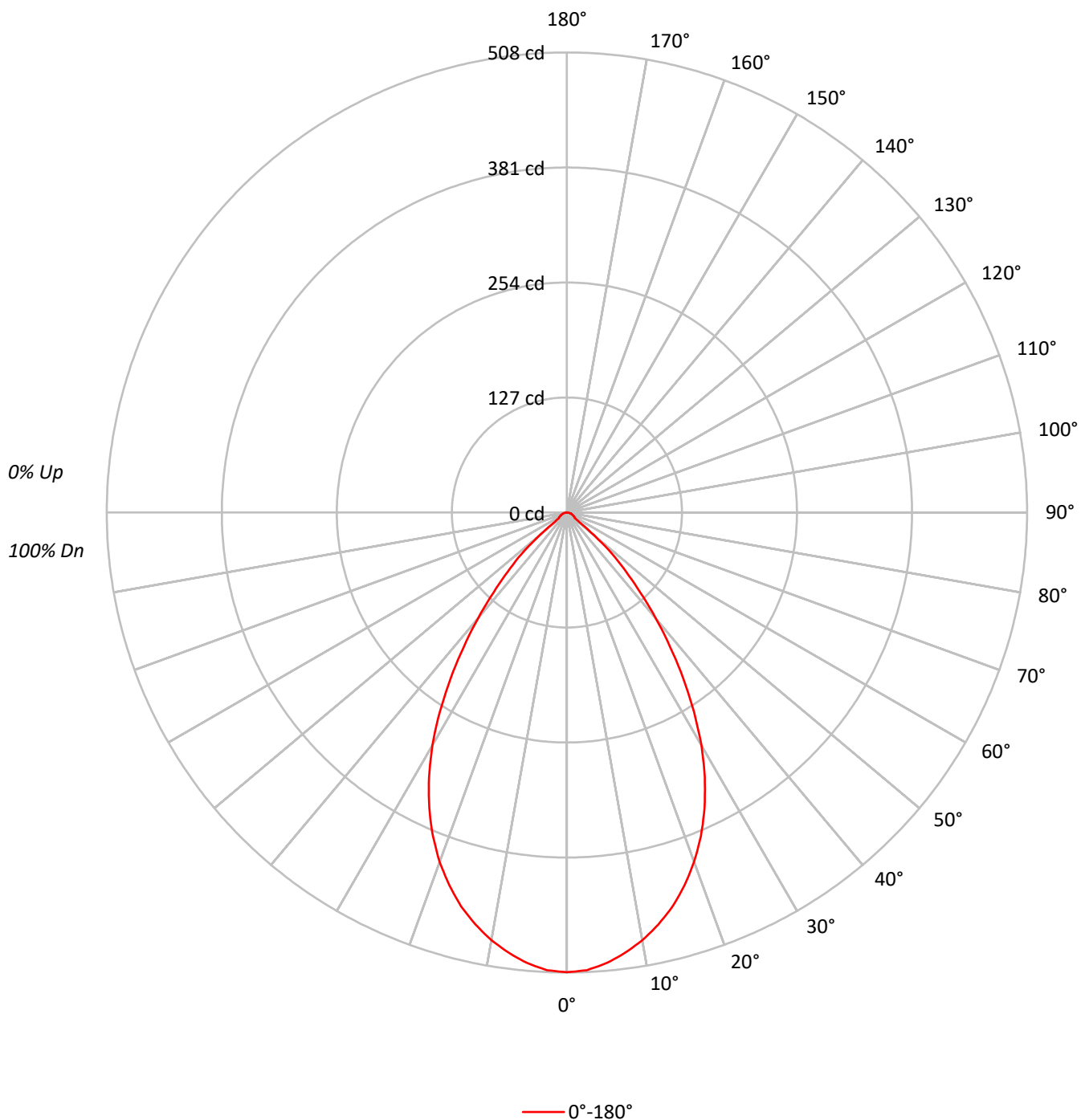
Lumens per Lamp: N/A
Luminaire Lumens: 575.0 lumens
Efficiency: N/A
Efficacy: 52.3 lumens/watt
Spacing Criteria (0/90/45): 0.97 / 0.97 / 0.98
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	113	110	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	96	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	82	89	85	81		86	83	80		84
4	94	86	80	75	93	85	79	75	83	78	74		81	76	73		79
5	89	80	73	69	87	79	73	68	77	72	68		75	71	67		74
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	53	74	64	58	53	63	57	53		62	57	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	50	46	66	56	50	46	55	50	46		55	49	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	111307
5°	109971
10°	106812
15°	102271
20°	95815
25°	87029
30°	75176
35°	59910
40°	43653
45°	28685
50°	13441
55°	4129
60°	3991
65°	3840
70°	3654
75°	3897
80°	3662
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28685 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.0	8.2
10°-20°	126.1	21.9
20°-30°	163.9	28.5
30°-40°	139.1	24.2
40°-50°	71.7	12.5
50°-60°	13.8	2.4
60°-70°	7.5	1.3
70°-80°	4.6	0.8
80°-90°	1.3	0.2
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°	337.0	58.6
0°-40°	476.1	82.8
0°-60°	561.6	97.7
0°-90°	575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	575.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	508	
5°	500	47
15°	450	126
25°	360	164
35°	224	139
45°	92	72
55°	11	14
65°	7	7
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	507.6
2.5°	505.9
5°	499.6
7.5°	490.5
10°	479.7
12.5°	466.0
15°	450.5
17.5°	431.7
20°	410.6
22.5°	386.6
25°	359.7
27.5°	329.5
30°	296.9
32.5°	261.0
35°	223.8
37.5°	187.3
40°	152.5
42.5°	119.9
45°	92.5
47.5°	68.0
50°	39.4
52.5°	17.1
55°	10.8
57.5°	10.3
60°	9.1
62.5°	8.6
65°	7.4
67.5°	6.9
70°	5.7
72.5°	5.1
75°	4.6
77.5°	3.4
80°	2.9
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)