

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: P1261681

Luminaire Tested: P3AS02R659727DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261681
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659727DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

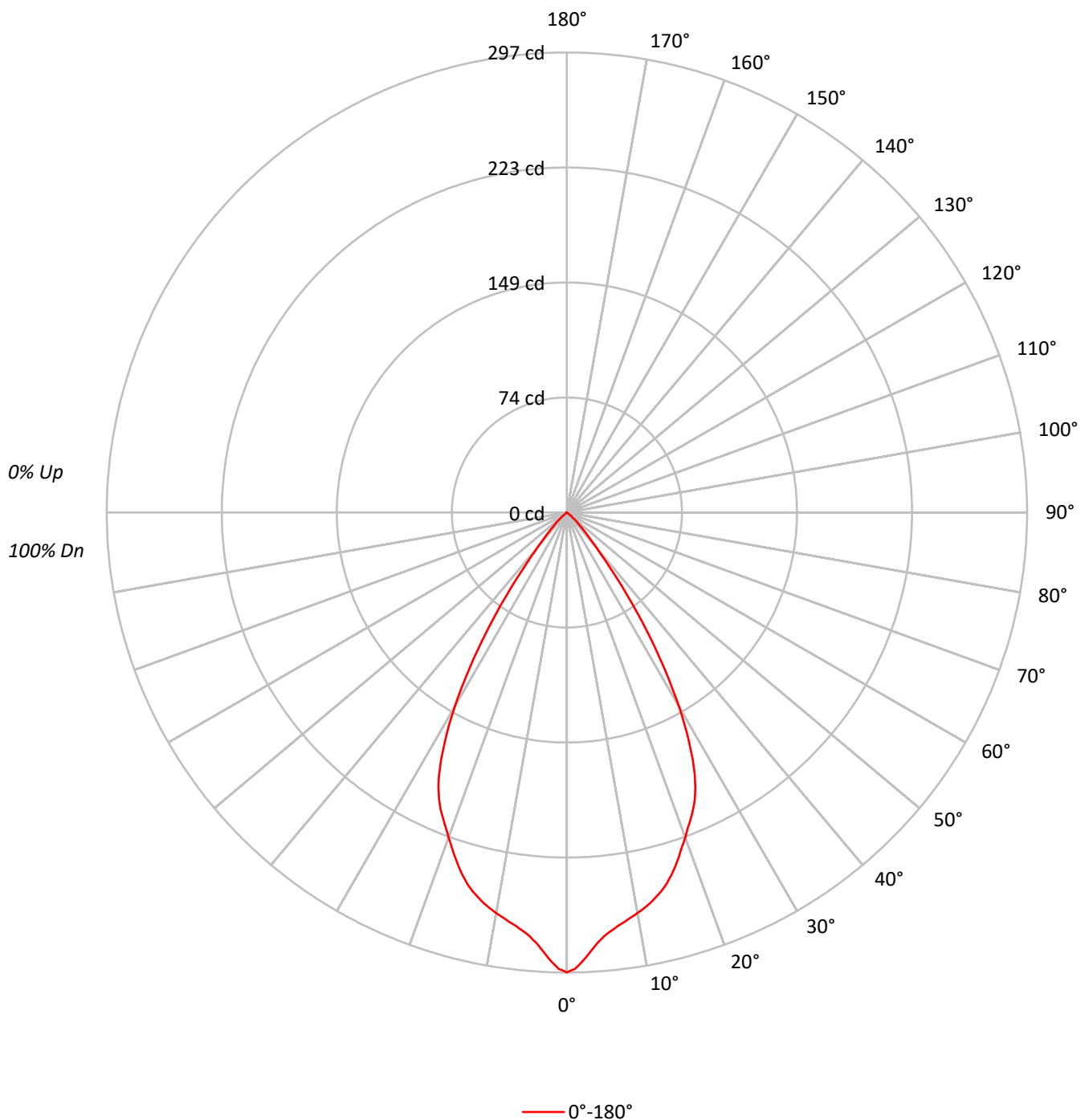
Lumens per Lamp: N/A
Luminaire Lumens: 243.0 lumens
Efficiency: N/A
Efficacy: 67.5 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	95	91	88		93	89	86		90	87	85		88	86	83
4	98	91	85	81		96	90	85	81		87	83	80		85	82	79		84	81	78
5	93	85	79	75		92	84	79	75		82	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	69		76	72	69		75	71	68
7	84	75	70	65		83	75	69	65		73	69	65		72	68	65		71	67	64
8	80	71	65	61		79	71	65	61		69	64	61		68	64	61		67	63	60
9	77	67	61	58		76	67	61	57		66	61	57		65	60	57		64	60	57
10	73	64	58	54		72	63	58	54		62	57	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65104
5°	60466
10°	58471
15°	56345
20°	52085
25°	47470
30°	36664
35°	21255
40°	8444
45°	3597
50°	853
55°	115
60°	88
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3597 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.9	10.7
10°-20°	69.2	28.5
20°-30°	87.5	36.0
30°-40°	49.8	20.5
40°-50°	9.9	4.1
50°-60°	0.5	0.2
60°-70°	0.1	0.1
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°	182.6	75.1
0°-40°	232.4	95.6
0°-60°	242.9	99.9
0°-90°	243.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	243.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	297	
5°	275	26
15°	248	69
25°	196	88
35°	79	50
45°	12	10
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	296.9
1°	294.7
2°	289.9
3°	284.4
4°	278.9
5°	274.7
6°	271.6
7°	269.1
8°	266.9
9°	264.7
10°	262.6
11°	260.3
12°	257.9
13°	255.0
14°	251.9
15°	248.2
16°	243.8
17°	239.0
18°	233.8
19°	228.3
20°	223.2
21°	218.0
22°	213.3
23°	208.4
24°	202.8
25°	196.2
26°	188.3
27°	178.8
28°	168.1
29°	156.7
30°	144.8
31°	131.7
32°	118.8
32.5°	112.1
33°	105.6
34°	92.4
35°	79.4
36°	67.4
37°	55.5
37.5°	49.4
38°	44.5
39°	36.1
40°	29.5
42.5°	18.2
45°	11.6

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CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.8
50°	2.5
52.5°	0.5
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.2
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.0
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)