

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: P1276604

Luminaire Tested: P3AS17R609835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276604
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R609835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

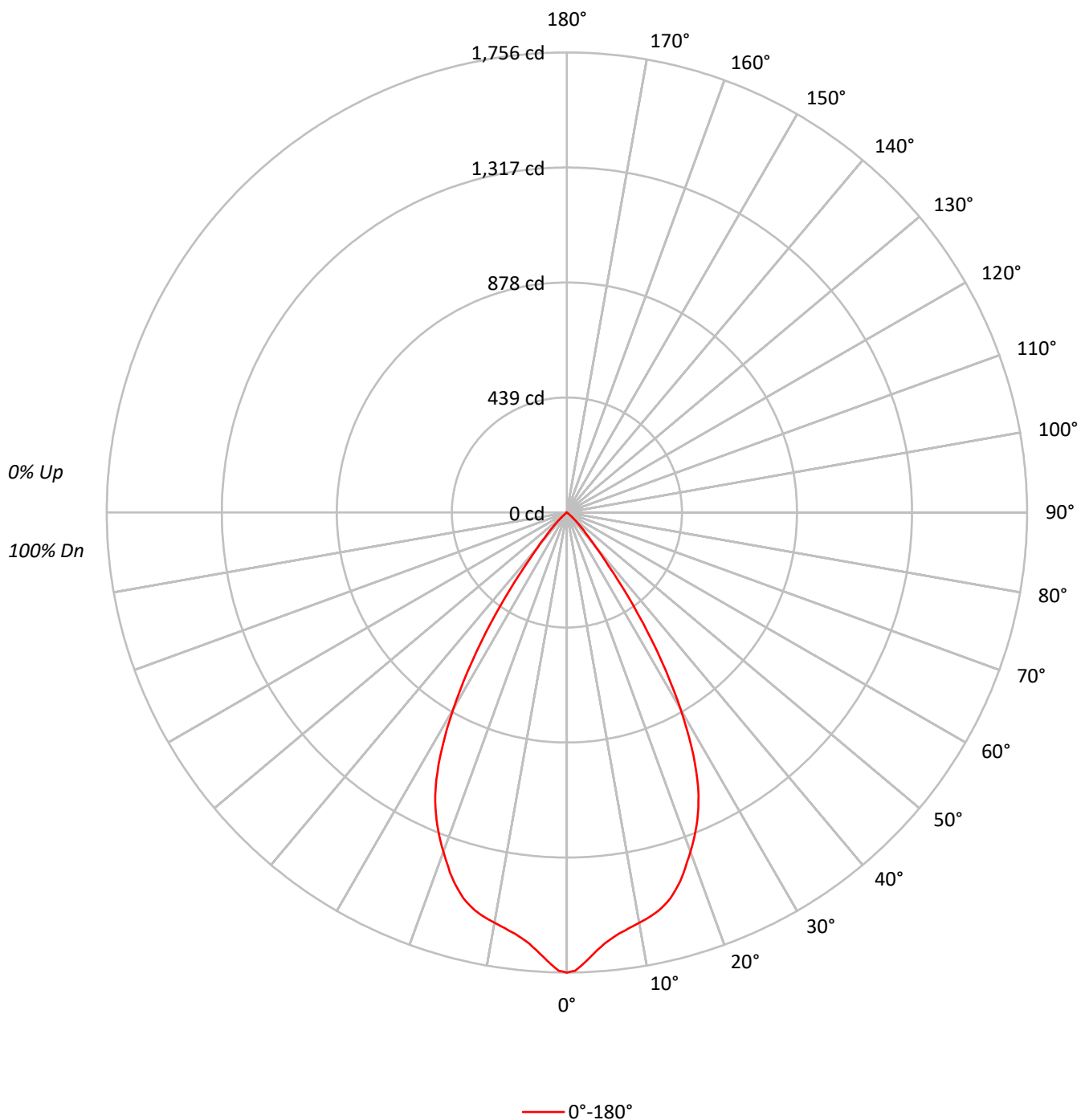
Lumens per Lamp: N/A
Luminaire Lumens: 1470.0 lumens
Efficiency: N/A
Efficacy: 72.1 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	385167
5°	363591
10°	354146
15°	346063
20°	321748
25°	287630
30°	219705
35°	126833
40°	49235
45°	20498
50°	4503
55°	688
60°	526
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20498 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	155.9	10.6
10°-20°	424.6	28.9
20°-30°	531.8	36.2
30°-40°	297.3	20.2
40°-50°	56.5	3.8
50°-60°	2.9	0.2
60°-70°	0.7	0.0
70°-80°	0.2	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°	1112.4	75.7
0°-40°	1409.7	95.9
0°-60°	1469.1	99.9
0°-90°	1470.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1470.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1756	
5°	1652	156
15°	1524	425
25°	1189	532
35°	474	297
45°	66	56
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1756.5
1°	1749.3
2°	1726.4
3°	1699.3
4°	1674.1
5°	1651.8
6°	1635.0
7°	1620.6
8°	1609.7
9°	1599.5
10°	1590.5
11°	1581.5
12°	1571.3
13°	1558.6
14°	1543.6
15°	1524.4
16°	1500.9
17°	1474.5
18°	1444.4
19°	1410.1
20°	1378.8
21°	1345.2
22°	1310.3
23°	1273.6
24°	1233.3
25°	1188.8
26°	1136.5
27°	1078.2
28°	1012.6
29°	942.9
30°	867.7
31°	791.9
32°	713.8
32.5°	671.1
33°	632.6
34°	552.6
35°	473.8
36°	402.9
37°	327.7
37.5°	293.4
38°	259.8
39°	209.3
40°	172.0
42.5°	104.6
45°	66.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	36.7
50°	13.2
52.5°	3.0
55°	1.8
57.5°	1.2
60°	1.2
62.5°	0.6
65°	0.6
67.5°	0.6
70°	0.6
72.5°	0.6
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)