

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: P1255214

Luminaire Tested: P3AS17R609035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255214
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: P3AS17R609035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

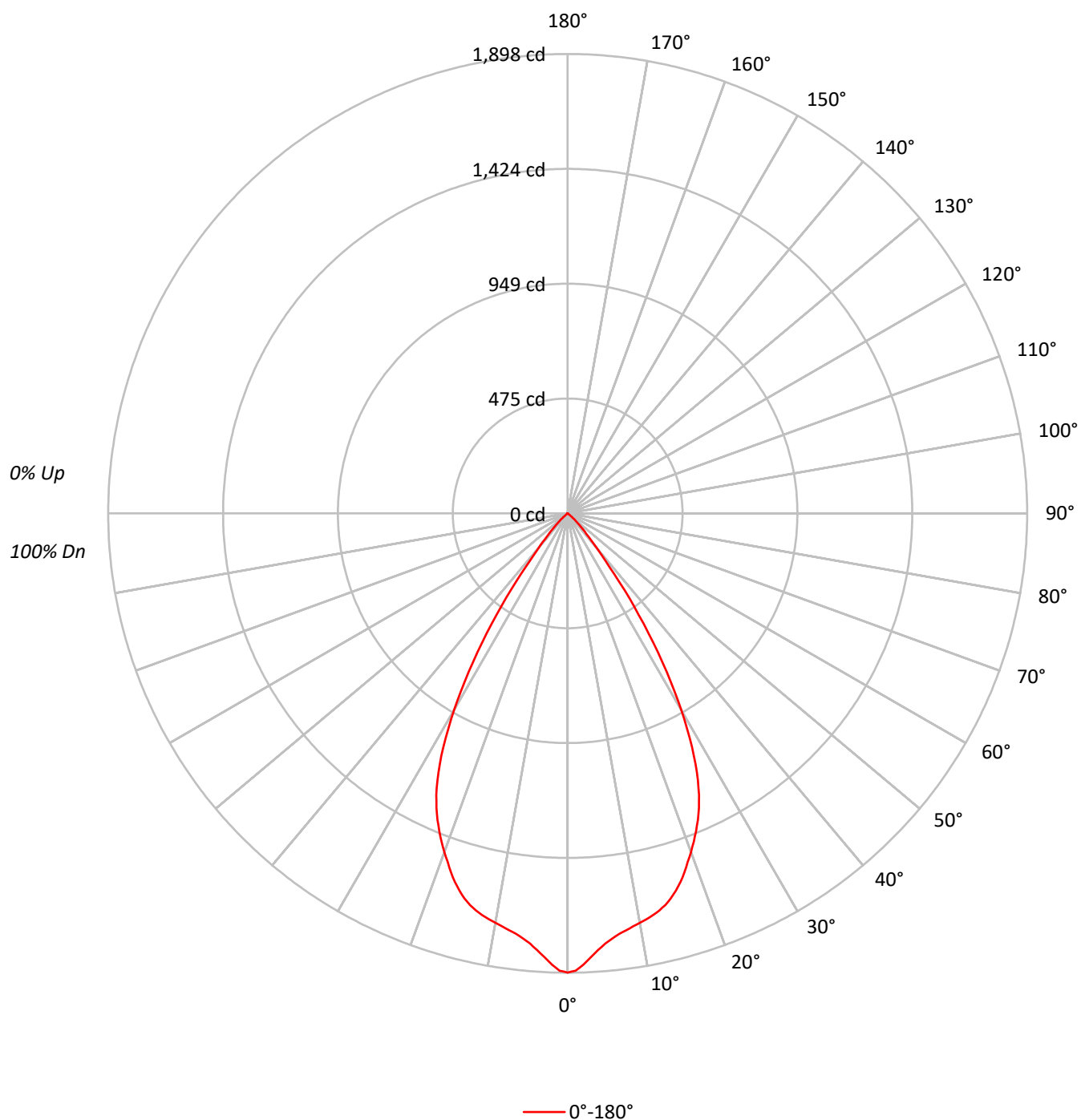
Lumens per Lamp: N/A
Luminaire Lumens: 1587.9 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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					30					10					0
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	96	91	88		93	89	86		91	87	85		88	86	84
4	98	91	85	81		96	90	85	81		88	83	80		86	82	79		84	81	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	70		77	72	69		75	72	69
7	85	76	70	66		83	75	69	65		74	69	65		72	68	65		71	67	64
8	81	71	65	61		79	71	65	61		70	65	61		69	64	61		68	64	61
9	77	67	62	58		76	67	61	58		66	61	57		65	61	57		64	60	57
10	73	64	58	54		72	63	58	54		63	58	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	416085
5°	392779
10°	382580
15°	373827
20°	347580
25°	310736
30°	237353
35°	137032
40°	53185
45°	22173
50°	4878
55°	726
60°	570
65°	311
70°	385
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22173 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.5	10.6
10°-20°	458.7	28.9
20°-30°	574.5	36.2
30°-40°	321.2	20.2
40°-50°	61.0	3.8
50°-60°	3.1	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°	1201.7	75.7
0°-40°	1522.9	95.9
0°-60°	1587.0	99.9
0°-90°	1587.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1587.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1898	
5°	1784	168
15°	1647	459
25°	1284	575
35°	512	321
45°	72	61
55°	2	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1897.5
1°	1889.7
2°	1865.0
3°	1835.8
4°	1808.5
5°	1784.4
6°	1766.3
7°	1750.7
8°	1739.0
9°	1727.9
10°	1718.2
11°	1708.4
12°	1697.4
13°	1683.8
14°	1667.5
15°	1646.7
16°	1621.4
17°	1592.8
18°	1560.3
19°	1523.3
20°	1489.5
21°	1453.1
22°	1415.5
23°	1375.8
24°	1332.3
25°	1284.3
26°	1227.7
27°	1164.7
28°	1093.9
29°	1018.6
30°	937.4
31°	855.5
32°	771.1
32.5°	724.9
33°	683.4
34°	597.0
35°	511.9
36°	435.2
37°	354.0
37.5°	317.0
38°	280.6
39°	226.1
40°	185.8
42.5°	113.0
45°	71.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	39.6
50°	14.3
52.5°	3.2
55°	1.9
57.5°	1.3
60°	1.3
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)