

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: P1260859

Luminaire Tested: P3AS20R609050D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260859
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: P3AS20R609050D010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 5000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

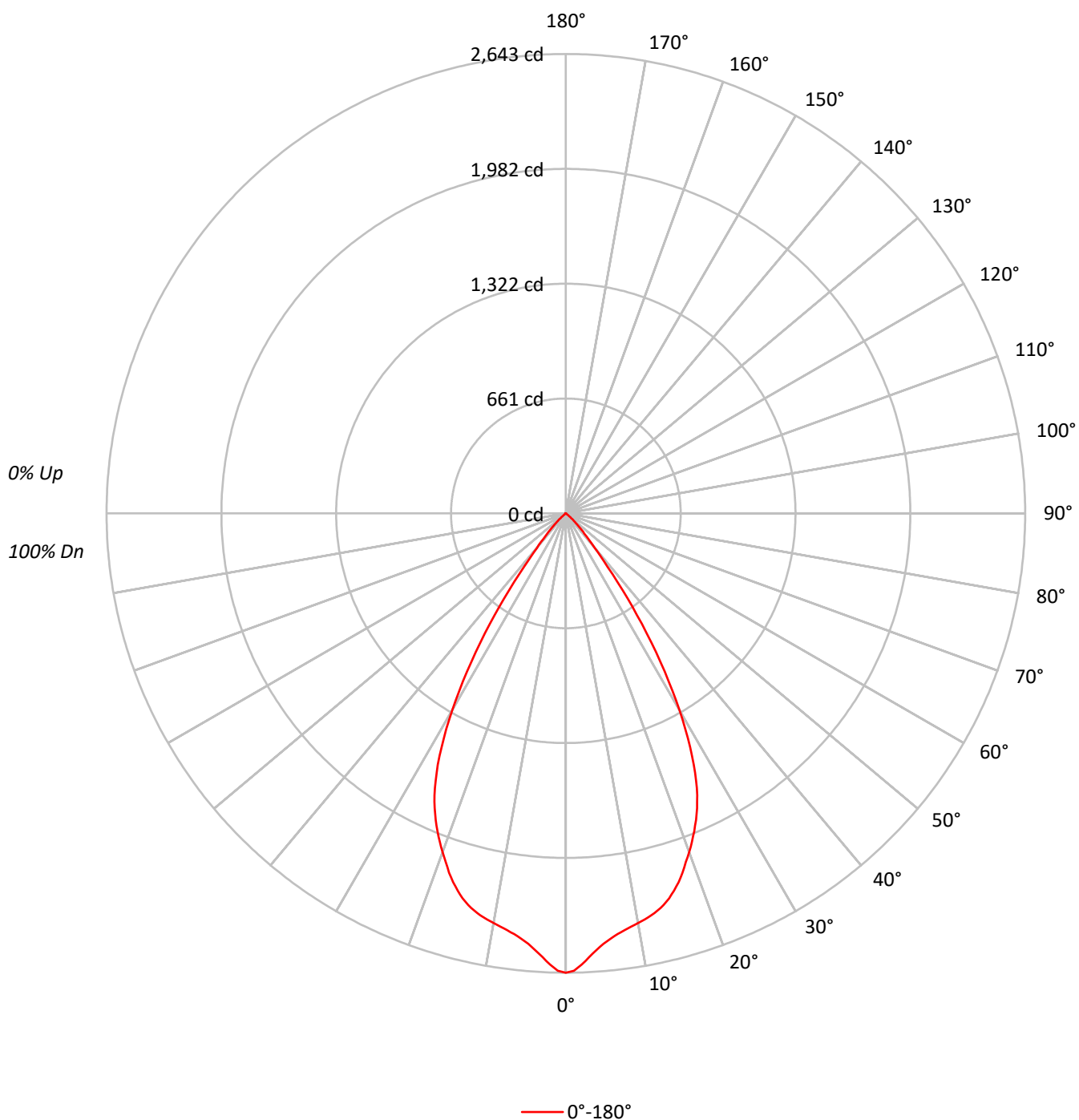
Lumens per Lamp: N/A
Luminaire Lumens: 2212.0 lumens
Efficiency: N/A
Efficacy: 76.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	579581
5°	547126
10°	532900
15°	520729
20°	484162
25°	432823
30°	330608
35°	190865
40°	74082
45°	30856
50°	6789
55°	1032
60°	789
65°	467
70°	577
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	234.6	10.6
10°-20°	639.0	28.9
20°-30°	800.3	36.2
30°-40°	447.4	20.2
40°-50°	85.0	3.8
50°-60°	4.3	0.2
60°-70°	1.0	0.0
70°-80°	0.4	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°	1673.9	75.7
0°-40°	2121.3	95.9
0°-60°	2210.6	99.9
0°-90°	2212.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2212.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2643	
5°	2486	235
15°	2294	639
25°	1789	800
35°	713	447
45°	100	85
55°	3	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2643.1
1°	2632.2
2°	2597.8
3°	2557.1
4°	2519.1
5°	2485.6
6°	2460.3
7°	2438.6
8°	2422.3
9°	2406.9
10°	2393.3
11°	2379.8
12°	2364.4
13°	2345.4
14°	2322.8
15°	2293.8
16°	2258.5
17°	2218.7
18°	2173.5
19°	2121.9
20°	2074.8
21°	2024.2
22°	1971.7
23°	1916.5
24°	1855.9
25°	1788.9
26°	1710.2
27°	1622.4
28°	1523.8
29°	1418.8
30°	1305.7
31°	1191.7
32°	1074.1
32.5°	1009.8
33°	951.9
34°	831.6
35°	713.0
36°	606.3
37°	493.1
37.5°	441.6
38°	390.9
39°	314.9
40°	258.8
42.5°	157.4
45°	99.5



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	55.2
50°	19.9
52.5°	4.5
55°	2.7
57.5°	1.8
60°	1.8
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.9
72.5°	0.9
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)