

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: P1260918

Luminaire Tested: P3AS20R709050D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709050D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

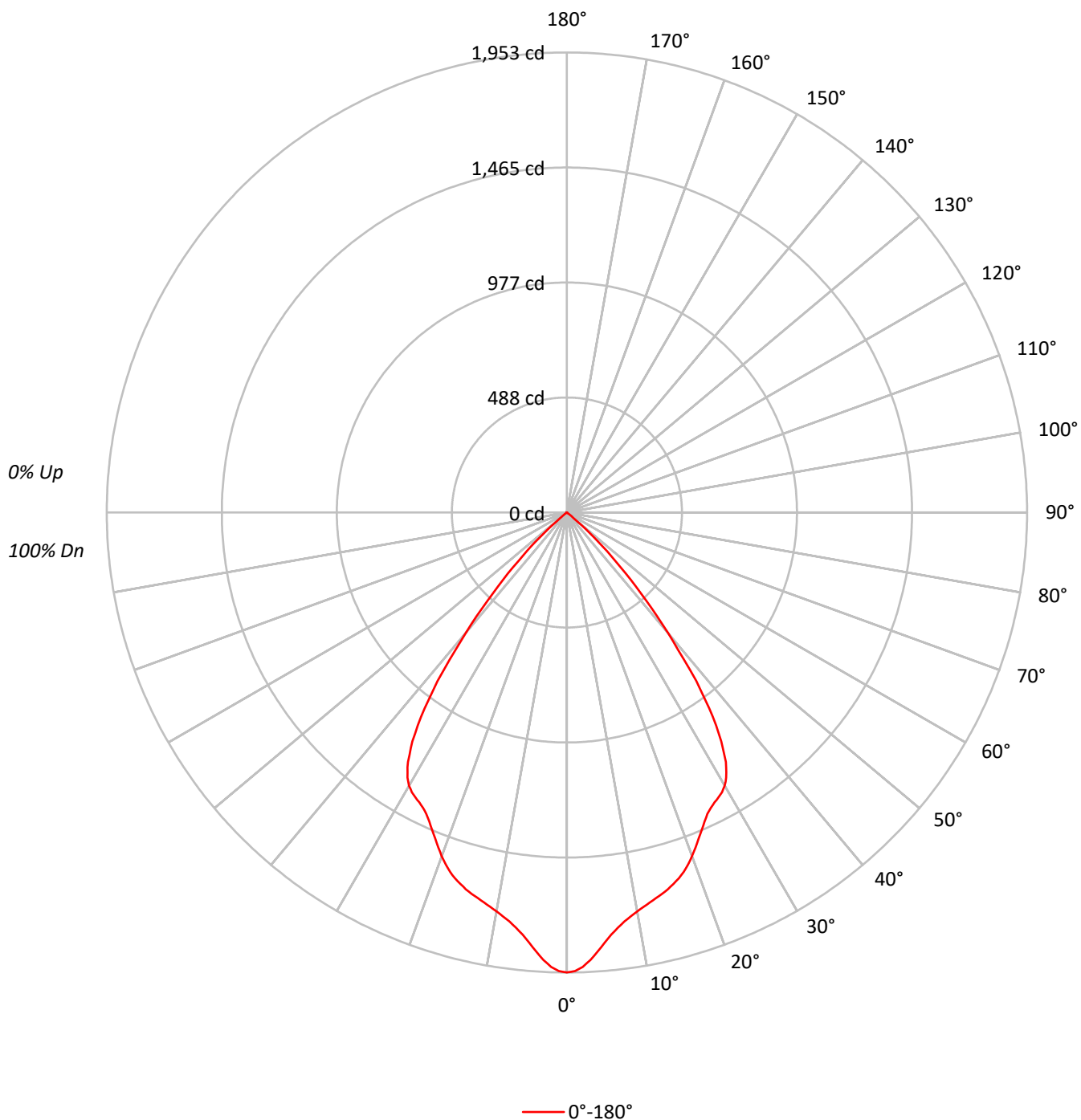
Lumens per Lamp: N/A
Luminaire Lumens: 2202.0 lumens
Efficiency: N/A
Efficacy: 76.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		86
4	95	87	81	77	94	86	81	77	84	79	76		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	63	59	68	63	59		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		55	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	428167
5°	403719
10°	382825
15°	375916
20°	362352
25°	341584
30°	339141
35°	295372
40°	191044
45°	90304
50°	12656
55°	1032
60°	789
65°	934
70°	577
75°	763
80°	1137
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 90304 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	171.3	7.8
10°-20°	465.0	21.1
20°-30°	657.9	29.9
30°-40°	661.1	30.0
40°-50°	237.8	10.8
50°-60°	6.4	0.3
60°-70°	1.4	0.1
70°-80°	1.0	0.0
80°-90°	0.1	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°	1294.2	58.8
0°-40°	1955.3	88.8
0°-60°	2199.5	99.9
0°-90°	2202.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2202.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1953	
5°	1834	171
15°	1656	465
25°	1412	658
35°	1103	661
45°	291	238
55°	3	6
65°	2	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1952.6
1°	1947.2
2°	1930.0
3°	1902.8
4°	1868.5
5°	1834.1
6°	1801.6
7°	1776.2
8°	1753.6
9°	1735.5
10°	1719.3
11°	1705.7
12°	1693.0
13°	1680.4
14°	1668.6
15°	1655.9
16°	1640.6
17°	1624.3
18°	1604.4
19°	1580.0
20°	1552.8
21°	1523.0
22°	1493.2
23°	1464.2
24°	1436.2
25°	1411.8
26°	1394.6
27°	1381.0
28°	1370.2
29°	1357.5
30°	1339.4
31°	1313.2
32°	1276.1
32.5°	1255.3
33°	1227.3
34°	1172.1
35°	1103.4
36°	1027.4
37°	941.5
37.5°	901.7
38°	847.4
39°	750.6
40°	667.4
42.5°	462.1
45°	291.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	156.5
50°	37.1
52.5°	4.5
55°	2.7
57.5°	2.7
60°	1.8
62.5°	1.8
65°	1.8
67.5°	0.9
70°	0.9
72.5°	0.9
75°	0.9
77.5°	0.9
80°	0.9
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)