

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: P1274875

Luminaire Tested: P3AS20R609830D010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274875
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: P3AS20R609830D010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

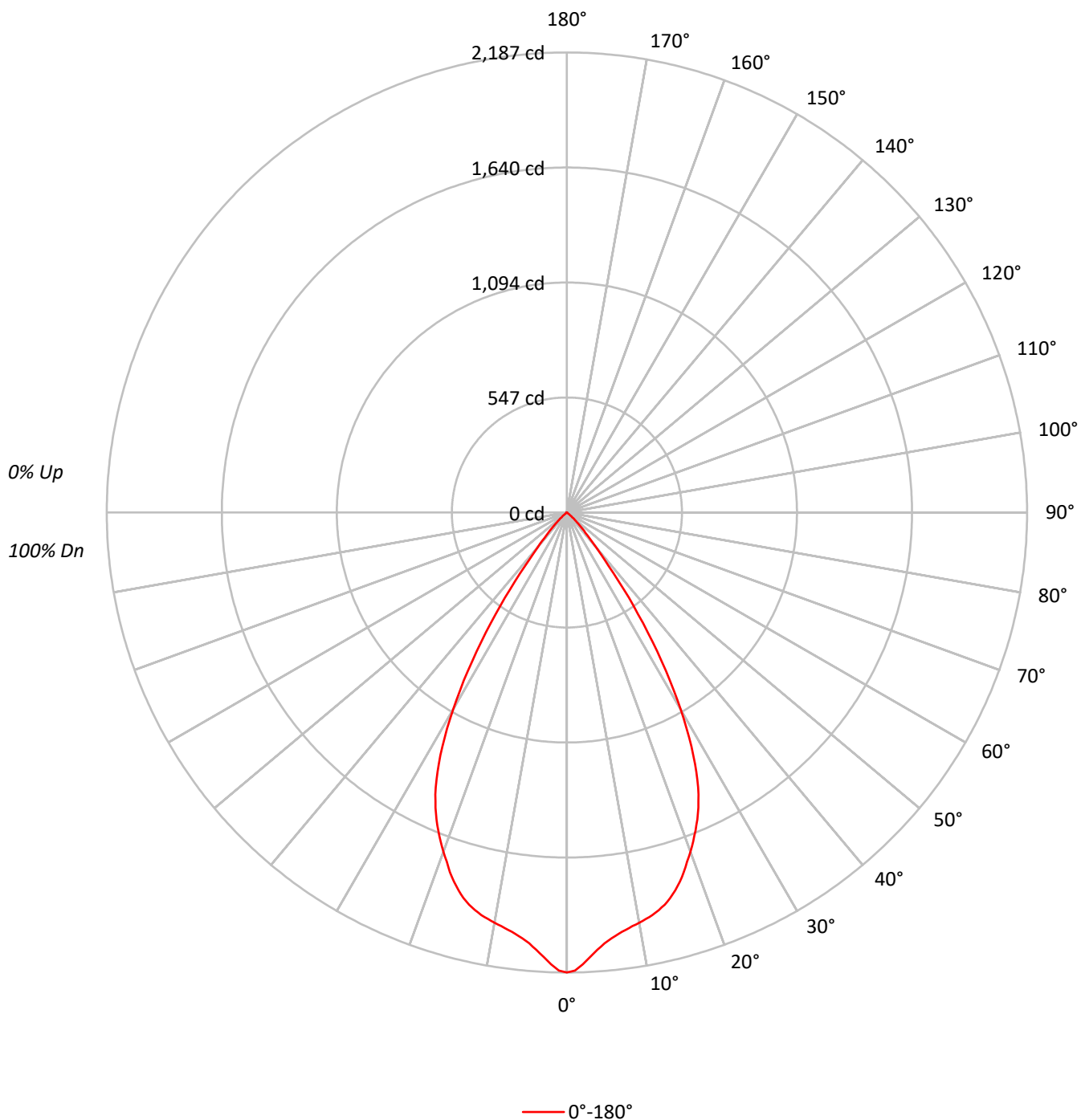
Lumens per Lamp: N/A
Luminaire Lumens: 1829.9 lumens
Efficiency: N/A
Efficacy: 66.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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

TEST NUMBER: P1274875

CATALOG NUMBER: P3AS20R609830D010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1274875

CATALOG NUMBER: P3AS20R609830D010 E3D1H

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°	479479
5°	452651
10°	440874
15°	430808
20°	400551
25°	358085
30°	273510
35°	157912
40°	61286
45°	25522
50°	5629
55°	841
60°	658
65°	363
70°	449
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25522 cd/sqm

TEST NUMBER: P1274875

CATALOG NUMBER: P3AS20R609830D010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.1	10.6
10°-20°	528.6	28.9
20°-30°	662.1	36.2
30°-40°	370.1	20.2
40°-50°	70.4	3.8
50°-60°	3.6	0.2
60°-70°	0.8	0.0
70°-80°	0.3	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°	1384.8	75.7
0°-40°	1754.9	95.9
0°-60°	1828.9	99.9
0°-90°	1829.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1829.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2187	
5°	2056	194
15°	1898	529
25°	1480	662
35°	590	370
45°	82	70
55°	2	4
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1274875

CATALOG NUMBER: P3AS20R609830D010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	2186.6
1°	2177.6
2°	2149.2
3°	2115.5
4°	2084.1
5°	2056.4
6°	2035.4
7°	2017.4
8°	2004.0
9°	1991.2
10°	1980.0
11°	1968.8
12°	1956.1
13°	1940.3
14°	1921.6
15°	1897.7
16°	1868.5
17°	1835.5
18°	1798.1
19°	1755.4
20°	1716.5
21°	1674.6
22°	1631.2
23°	1585.5
24°	1535.4
25°	1480.0
26°	1414.8
27°	1342.2
28°	1260.6
29°	1173.8
30°	1080.2
31°	985.9
32°	888.6
32.5°	835.4
33°	787.5
34°	688.0
35°	589.9
36°	501.6
37°	408.0
37.5°	365.3
38°	323.4
39°	260.5
40°	214.1
42.5°	130.3
45°	82.3

TEST NUMBER: P1274875

CATALOG NUMBER: P3AS20R609830D010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	45.7
50°	16.5
52.5°	3.7
55°	2.2
57.5°	1.5
60°	1.5
62.5°	0.7
65°	0.7
67.5°	0.7
70°	0.7
72.5°	0.7
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)