

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: P1258059

Luminaire Tested: P3AS20R259040D010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258059
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259040D010 E3D1LI
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

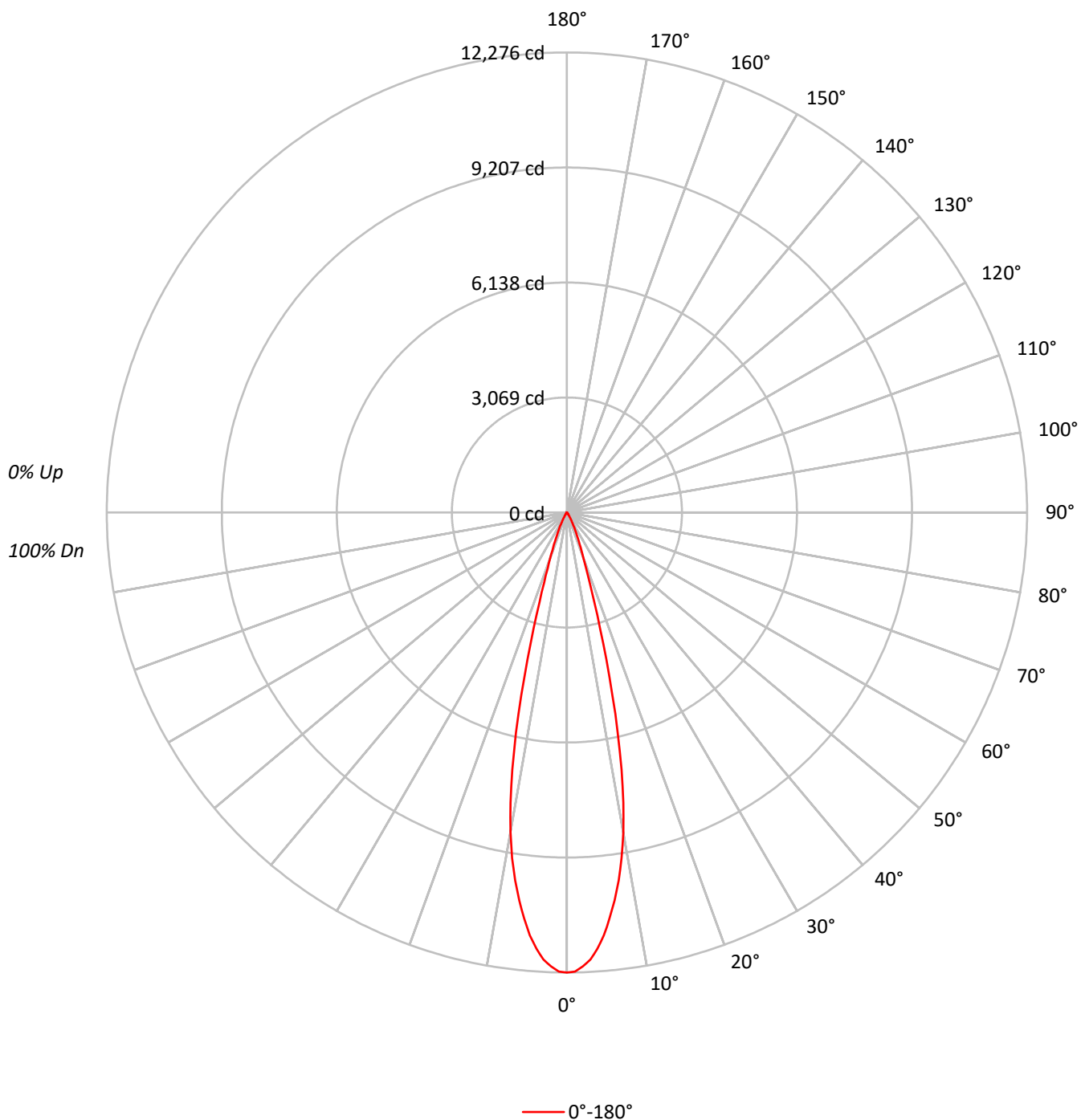
Lumens per Lamp: N/A
Luminaire Lumens: 2458.0 lumens
Efficiency: N/A
Efficacy: 85.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1258059

CATALOG NUMBER: P3AS20R259040D010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1258059

CATALOG NUMBER: P3AS20R259040D010 E3D1LI

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	115	113	111	110	113	111	110	108	107	106	105		104	103	102		100
2	112	108	106	103	110	107	104	102	104	102	100		101	99	98		98
3	109	104	101	98	107	103	100	97	100	98	96		98	96	94		96
4	106	101	97	94	104	100	96	94	98	95	92		96	93	91		94
5	103	97	93	91	101	96	93	90	95	92	90		93	91	89		92
6	100	94	90	88	99	94	90	87	92	89	87		91	88	86		90
7	98	92	88	85	97	91	87	85	90	87	84		89	86	84		88
8	95	89	85	83	94	89	85	83	88	85	82		87	84	82		86
9	93	87	83	81	92	86	83	80	86	83	80		85	82	80		84
10	91	85	81	79	90	84	81	79	84	81	78		83	80	78		83

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2691977
5°	2493720
10°	1929423
15°	921549
20°	303850
25°	128088
30°	49653
35°	21469
40°	7156
45°	3318
50°	1228
55°	688
60°	395
65°	467
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3318 cd/sqm

TEST NUMBER: P1258059

CATALOG NUMBER: P3AS20R259040D010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	995.8	40.5
10°-20°	1132.6	46.1
20°-30°	263.2	10.7
30°-40°	55.2	2.2
40°-50°	8.9	0.4
50°-60°	1.5	0.1
60°-70°	0.8	0.0
70°-80°	0.0	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°	2391.6	97.3
0°-40°	2446.8	99.5
0°-60°	2457.3	100.0
0°-90°	2458.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2458.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	12276	
5°	11329	996
15°	4059	1133
25°	529	263
35°	80	55
45°	11	9
55°	2	1
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1258059

CATALOG NUMBER: P3AS20R259040D010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	12276.4
1°	12251.4
2°	12124.0
3°	11944.8
4°	11671.2
5°	11329.0
6°	10889.6
7°	10429.8
8°	9913.8
9°	9331.8
10°	8665.2
11°	7892.5
12°	7005.8
13°	6034.4
14°	5018.4
15°	4059.4
16°	3211.0
17°	2501.6
18°	1967.8
19°	1573.9
20°	1302.1
21°	1088.2
22°	913.5
23°	762.9
24°	638.1
25°	529.4
27.5°	313.7
30°	196.1
32.5°	125.7
35°	80.2
37.5°	48.1
40°	25.0
42.5°	16.0
45°	10.7
47.5°	6.2
50°	3.6
52.5°	1.8
55°	1.8
57.5°	0.9
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.9
70°	0.0
72.5°	0.0

TEST NUMBER: P1258059

CATALOG NUMBER: P3AS20R259040D010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
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)