

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: P1252683

Luminaire Tested: P3AS20R309030D010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252683
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309030D010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

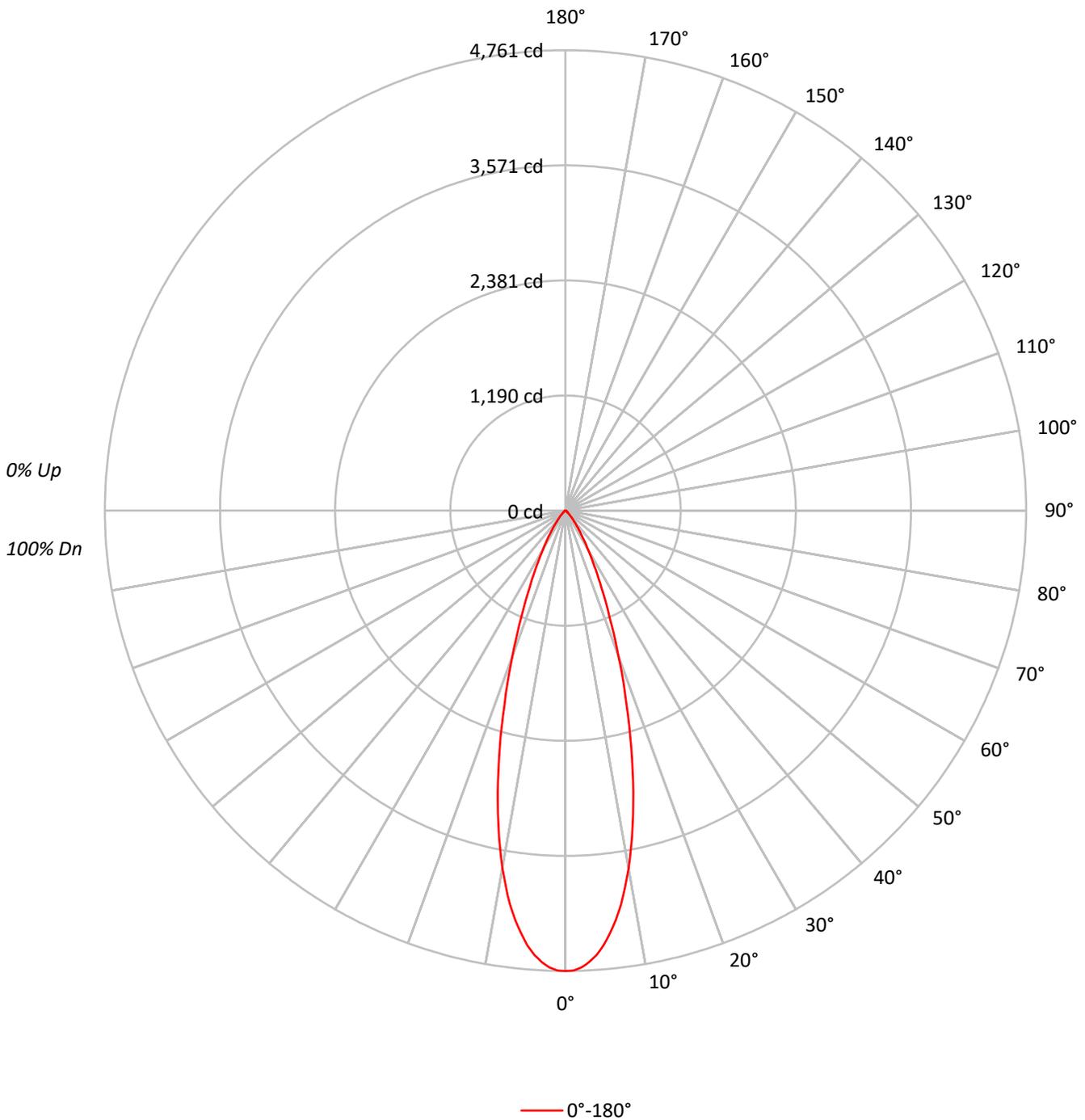
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1789.0 lumens
Efficiency: N/A
Efficacy: 62.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
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: P1252683
CATALOG NUMBER: P3AS20R309030D010 E3DL1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1252683
 CATALOG NUMBER: P3AS20R309030D010 E3DL1LI

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20					
RC	80				70				50				30				10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1043930
5°	993614
10°	835767
15°	602728
20°	373856
25°	212625
30°	118094
35°	64246
40°	33863
45°	18358
50°	9791
55°	6461
60°	5921
65°	6123
70°	5450
75°	4321
80°	4293
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 18358 cd/sqm



TEST NUMBER: P1252683
 CATALOG NUMBER: P3AS20R309030D010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	406.5	22.7
10°-20°	722.5	40.4
20°-30°	417.6	23.3
30°-40°	158.5	8.9
40°-50°	48.7	2.7
50°-60°	16.4	0.9
60°-70°	11.1	0.6
70°-80°	6.1	0.3
80°-90°	1.8	0.1
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°	1546.6	86.4
0°-40°	1705.0	95.3
0°-60°	1770.1	98.9
0°-90°	1789.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1789.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4761	
5°	4514	406
15°	2655	723
25°	879	418
35°	240	158
45°	59	49
55°	17	16
65°	12	11
75°	5	6
85°	2	2
90°	0	



TEST NUMBER: P1252683
CATALOG NUMBER: P3AS20R309030D010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	4760.7
1°	4757.4
2°	4728.6
3°	4674.5
4°	4606.9
5°	4514.0
6°	4395.7
7°	4263.9
8°	4116.8
9°	3941.1
10°	3753.5
11°	3550.7
12°	3336.1
13°	3111.3
14°	2883.1
15°	2655.0
17.5°	2093.9
20°	1602.1
22.5°	1188.1
25°	878.8
27.5°	638.8
30°	466.4
32.5°	336.3
35°	240.0
37.5°	167.3
40°	118.3
42.5°	82.8
45°	59.2
47.5°	40.6
50°	28.7
52.5°	20.3
55°	16.9
57.5°	15.2
60°	13.5
62.5°	11.8
65°	11.8
67.5°	10.1
70°	8.5
72.5°	6.8
75°	5.1
77.5°	5.1
80°	3.4
82.5°	3.4
85°	1.7
87.5°	0.0



TEST NUMBER: P1252683
CATALOG NUMBER: P3AS20R309030D010 E3DL1LI

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)