

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: P1258271

Luminaire Tested: P3AS20R609040D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258271
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R609040D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

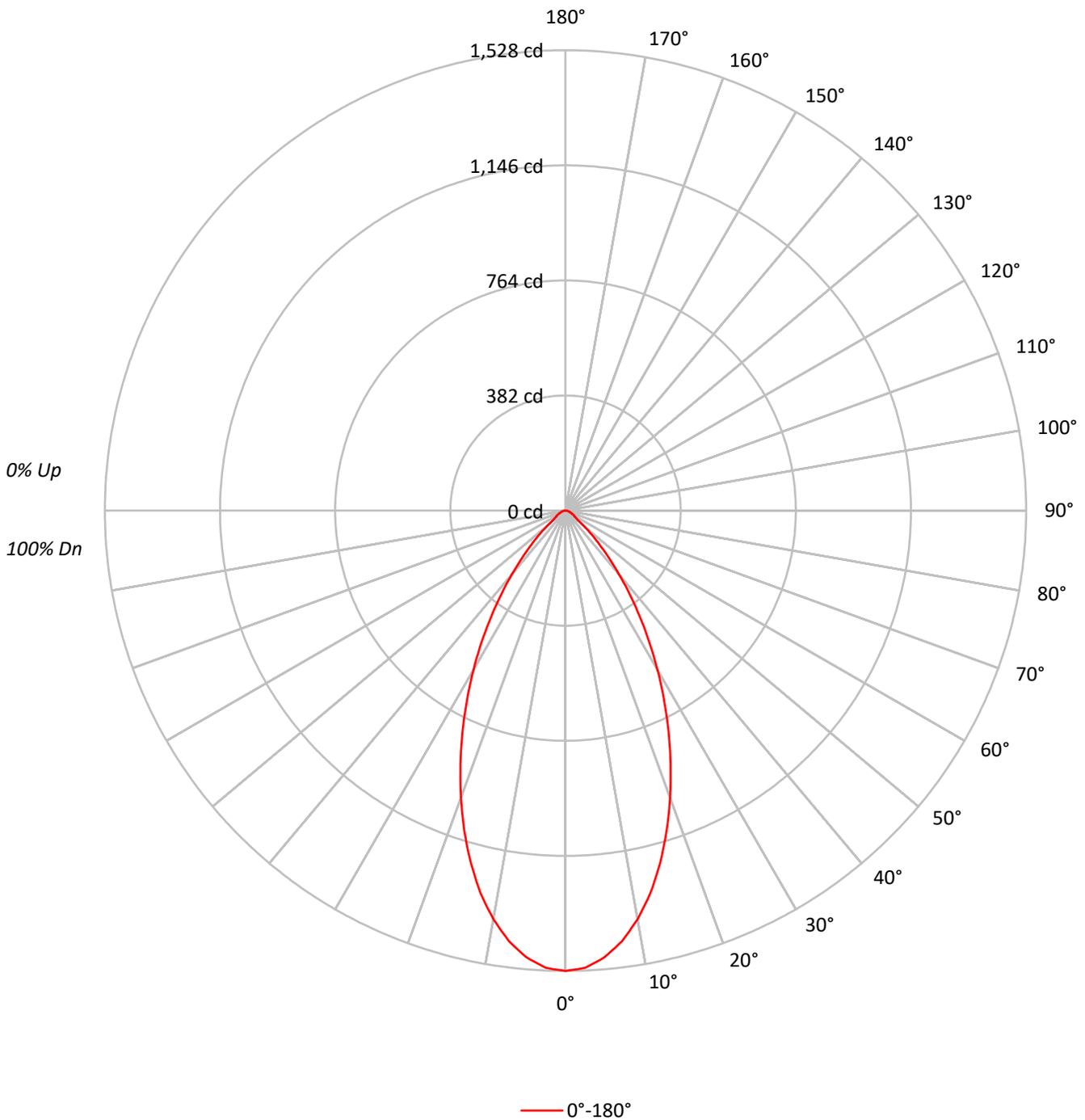
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1322.0 lumens
Efficiency: N/A
Efficacy: 45.9 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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: P1258271
CATALOG NUMBER: P3AS20R609040D010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1258271
 CATALOG NUMBER: P3AS20R609040D010 E3DL1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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				100
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	88	86	85				85
3	101	94	88	84	99	92	87	83	90	86	82	87	84	81	85	82	80	78				78
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	60	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	60	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	335039
5°	327514
10°	306630
15°	275098
20°	236551
25°	195616
30°	154555
35°	114786
40°	79034
45°	49587
50°	27257
55°	15980
60°	14341
65°	12245
70°	10515
75°	10760
80°	9218
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 49587 cd/sqm



TEST NUMBER: P1258271
 CATALOG NUMBER: P3AS20R609040D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.5	10.5
10°-20°	336.5	25.5
20°-30°	369.1	27.9
30°-40°	268.9	20.3
40°-50°	127.0	9.6
50°-60°	41.6	3.1
60°-70°	23.6	1.8
70°-80°	12.7	1.0
80°-90°	4.0	0.3
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°	844.2	63.9
0°-40°	1113.1	84.2
0°-60°	1281.8	97.0
0°-90°	1322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1528	
5°	1488	139
15°	1212	337
25°	808	369
35°	429	269
45°	160	127
55°	42	42
65°	24	24
75°	13	13
85°	4	4
90°	0	



TEST NUMBER: P1258271
CATALOG NUMBER: P3AS20R609040D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1527.9
2.5°	1518.8
5°	1487.9
7.5°	1440.7
10°	1377.1
12.5°	1300.8
15°	1211.8
17.5°	1115.5
20°	1013.7
22.5°	910.2
25°	808.5
27.5°	706.7
30°	610.4
32.5°	517.8
35°	428.8
37.5°	348.8
40°	276.1
42.5°	212.6
45°	159.9
47.5°	116.3
50°	79.9
52.5°	52.7
55°	41.8
57.5°	36.3
60°	32.7
62.5°	27.3
65°	23.6
67.5°	20.0
70°	16.4
72.5°	14.5
75°	12.7
77.5°	9.1
80°	7.3
82.5°	5.5
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)