

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: P1252710

Luminaire Tested: P3AS20R359030D010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252710
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359030D010 E3DL1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

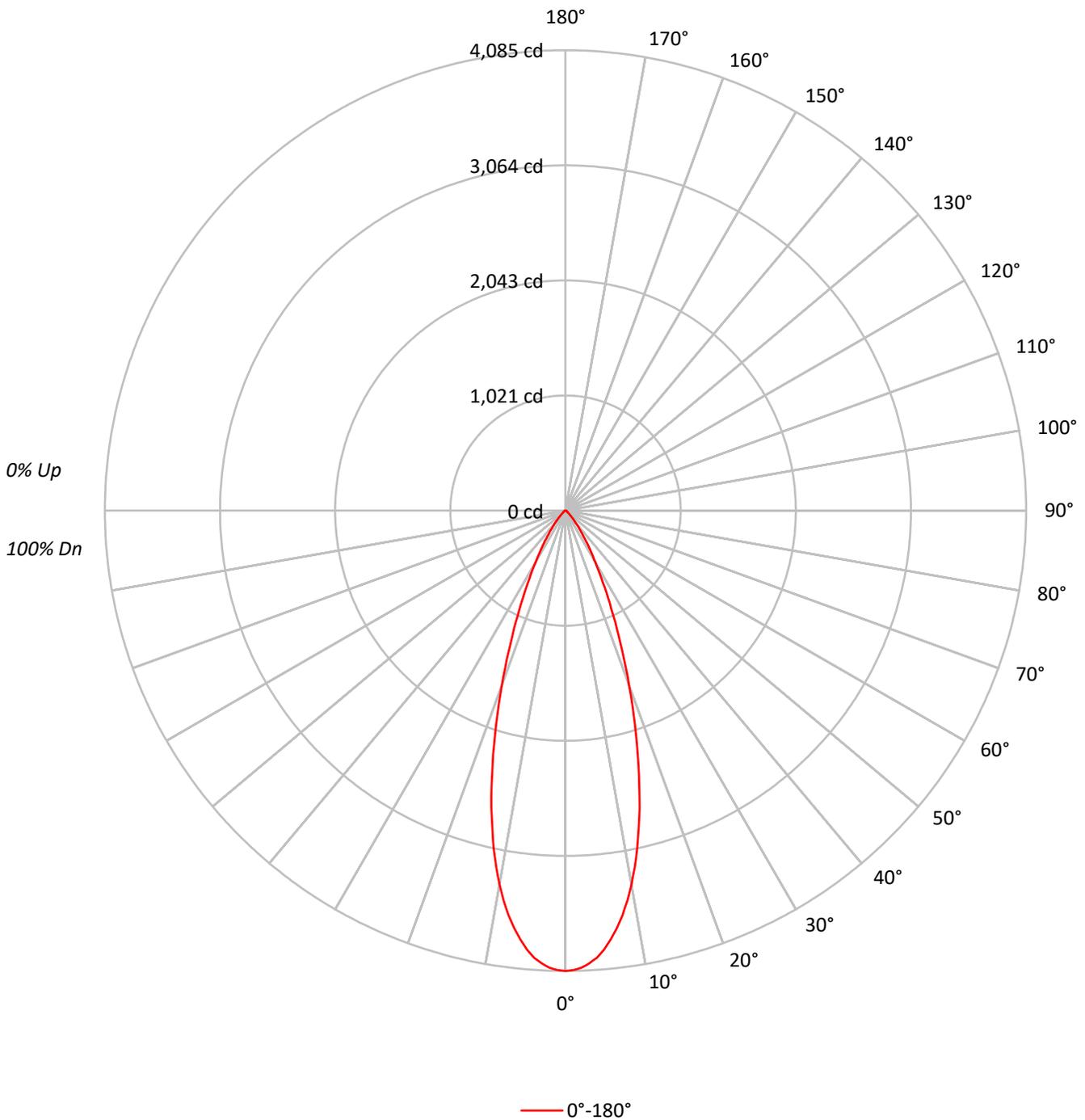
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1776.0 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
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: P1252710
CATALOG NUMBER: P3AS20R359030D010 E3DL1H

Luminous Intensity Polar Plot





TEST NUMBER: P1252710
 CATALOG NUMBER: P3AS20R359030D010 E3DL1H

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	100	100
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	895740
5°	860861
10°	750064
15°	574510
20°	384357
25°	232562
30°	133464
35°	74606
40°	39646
45°	20436
50°	9791
55°	7761
60°	7412
65°	6123
70°	6475
75°	5761
80°	6440
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20436 cd/sqm



TEST NUMBER: P1252710
 CATALOG NUMBER: P3AS20R359030D010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	355.8	20.0
10°-20°	689.6	38.8
20°-30°	451.4	25.4
30°-40°	183.1	10.3
40°-50°	54.9	3.1
50°-60°	18.7	1.1
60°-70°	12.5	0.7
70°-80°	7.4	0.4
80°-90°	2.5	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°	1496.8	84.3
0°-40°	1680.0	94.6
0°-60°	1753.6	98.7
0°-90°	1776.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1776.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4085	
5°	3911	356
15°	2531	690
25°	961	451
35°	279	183
45°	66	55
55°	20	19
65°	12	13
75°	7	7
85°	2	3
90°	0	



TEST NUMBER: P1252710
CATALOG NUMBER: P3AS20R359030D010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	4084.9
1°	4078.1
2°	4059.5
3°	4022.4
4°	3978.5
5°	3910.9
6°	3826.4
7°	3731.8
8°	3625.4
9°	3503.7
10°	3368.6
11°	3218.2
12°	3061.1
13°	2885.4
14°	2718.2
15°	2530.7
17.5°	2076.2
20°	1647.1
22.5°	1267.0
25°	961.2
27.5°	716.3
30°	527.1
32.5°	386.9
35°	278.7
37.5°	197.7
40°	138.5
42.5°	96.3
45°	65.9
47.5°	43.9
50°	28.7
52.5°	22.0
55°	20.3
57.5°	18.6
60°	16.9
62.5°	15.2
65°	11.8
67.5°	10.1
70°	10.1
72.5°	8.4
75°	6.8
77.5°	5.1
80°	5.1
82.5°	3.4
85°	1.7
87.5°	1.7



TEST NUMBER: P1252710
CATALOG NUMBER: P3AS20R359030D010 E3DL1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)