

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: P1275595

Luminaire Tested: P3AS05R659835DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275595
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R659835DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 98CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

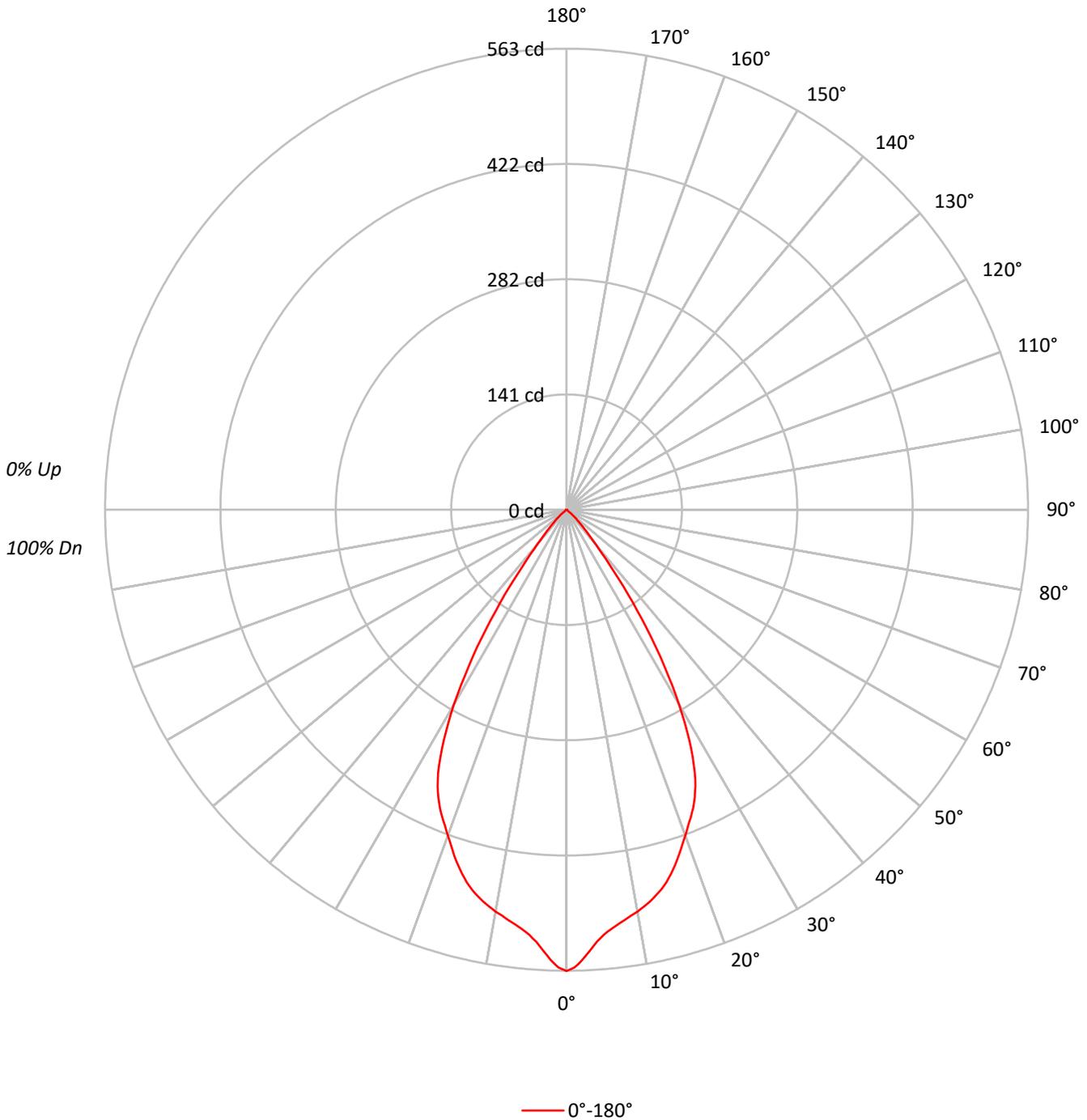
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 461.0 lumens
Efficiency: N/A
Efficacy: 64.0 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1275595
CATALOG NUMBER: P3AS05R659835DE010 E3D1LI

Luminous Intensity Polar Plot





TEST NUMBER: P1275595

CATALOG NUMBER: P3AS05R659835DE010 E3D1LI

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	100	100	100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94	94	94	94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88	88	88	88
3	103	97	92	88	101	95	91	87	93	89	86	90	87	85	88	86	83	82	82	82	82
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77	77	77	77
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72	72	72	72
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67	67	67	67
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63	63	63	63
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56	56	56	56
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	123521
5°	114704
10°	110931
15°	106902
20°	98825
25°	90029
30°	69580
35°	40314
40°	16001
45°	6822
50°	1603
55°	229
60°	175
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6822 cd/sqm



TEST NUMBER: P1275595
 CATALOG NUMBER: P3AS05R659835DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.1	10.7
10°-20°	131.2	28.5
20°-30°	166.1	36.0
30°-40°	94.6	20.5
40°-50°	18.8	4.1
50°-60°	1.0	0.2
60°-70°	0.3	0.1
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°	346.4	75.1
0°-40°	441.0	95.6
0°-60°	460.7	99.9
0°-90°	461.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	461.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	563	
5°	521	49
15°	471	131
25°	372	166
35°	151	95
45°	22	19
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1275595

CATALOG NUMBER: P3AS05R659835DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	563.3
1°	559.2
2°	550.1
3°	539.5
4°	529.0
5°	521.1
6°	515.2
7°	510.5
8°	506.3
9°	502.1
10°	498.2
11°	493.8
12°	489.2
13°	483.7
14°	477.9
15°	470.9
16°	462.5
17°	453.4
18°	443.6
19°	433.2
20°	423.5
21°	413.6
22°	404.7
23°	395.5
24°	384.7
25°	372.1
26°	357.2
27°	339.2
28°	318.9
29°	297.3
30°	274.8
31°	249.9
32°	225.3
32.5°	212.6
33°	200.3
34°	175.3
35°	150.6
36°	127.9
37°	105.4
37.5°	93.8
38°	84.5
39°	68.4
40°	55.9
42.5°	34.5
45°	22.0



TEST NUMBER: P1275595
CATALOG NUMBER: P3AS05R659835DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	12.9
50°	4.7
52.5°	0.9
55°	0.6
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.0
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)