

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: P1272506

Luminaire Tested: P3AS17R659827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1272506
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

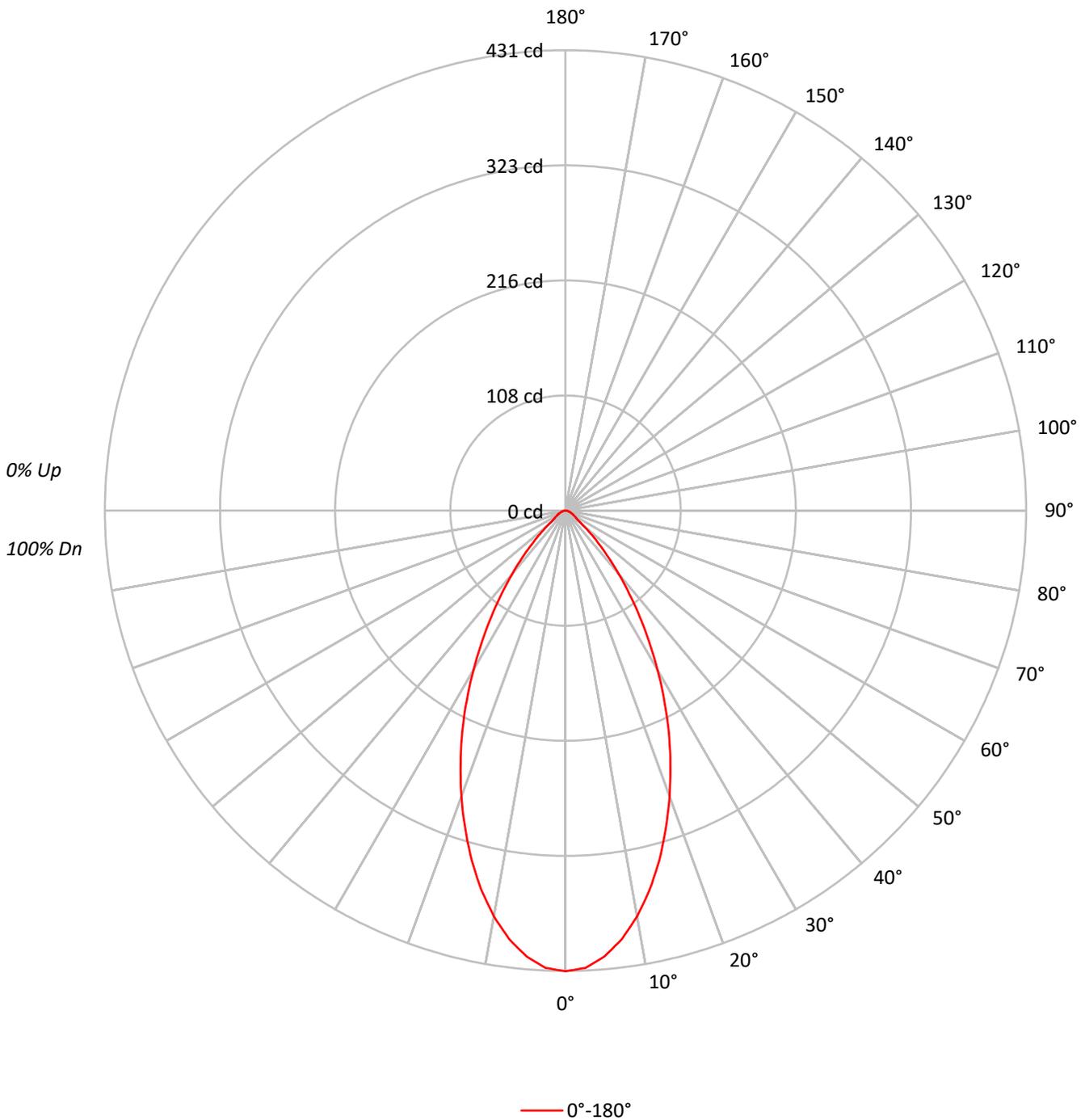
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 372.0 lumens
Efficiency: N/A
Efficacy: 18.2 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): 20.4
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: P1272506
CATALOG NUMBER: P3AS17R659827DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1272506
 CATALOG NUMBER: P3AS17R659827DE010 E3DLP1GPH

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	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	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	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	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°	94554
5°	92208
10°	85859
15°	76958
20°	66459
25°	55285
30°	43602
35°	32310
40°	22270
45°	13800
50°	7505
55°	4702
60°	3991
65°	3632
70°	3077
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13800 cd/sqm



TEST NUMBER: P1272506
 CATALOG NUMBER: P3AS17R659827DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.9	10.5
10°-20°	94.2	25.3
20°-30°	104.2	28.0
30°-40°	75.7	20.3
40°-50°	35.4	9.5
50°-60°	11.9	3.2
60°-70°	6.9	1.9
70°-80°	3.6	1.0
80°-90°	1.2	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°	237.3	63.8
0°-40°	313.0	84.1
0°-60°	360.3	96.9
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	431	
5°	419	39
15°	339	94
25°	228	104
35°	121	76
45°	44	35
55°	12	12
65°	7	7
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1272506
CATALOG NUMBER: P3AS17R659827DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	431.2
2.5°	428.5
5°	418.9
7.5°	404.4
10°	385.6
12.5°	363.6
15°	339.0
17.5°	312.1
20°	284.8
22.5°	256.4
25°	228.5
27.5°	200.1
30°	172.2
32.5°	145.3
35°	120.7
37.5°	98.1
40°	77.8
42.5°	59.5
45°	44.5
47.5°	32.2
50°	22.0
52.5°	15.0
55°	12.3
57.5°	10.7
60°	9.1
62.5°	8.0
65°	7.0
67.5°	5.9
70°	4.8
72.5°	4.3
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)