

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: P1261625

Luminaire Tested: P3AS02R559727DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261625
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559727DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R55 optic, 2700K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

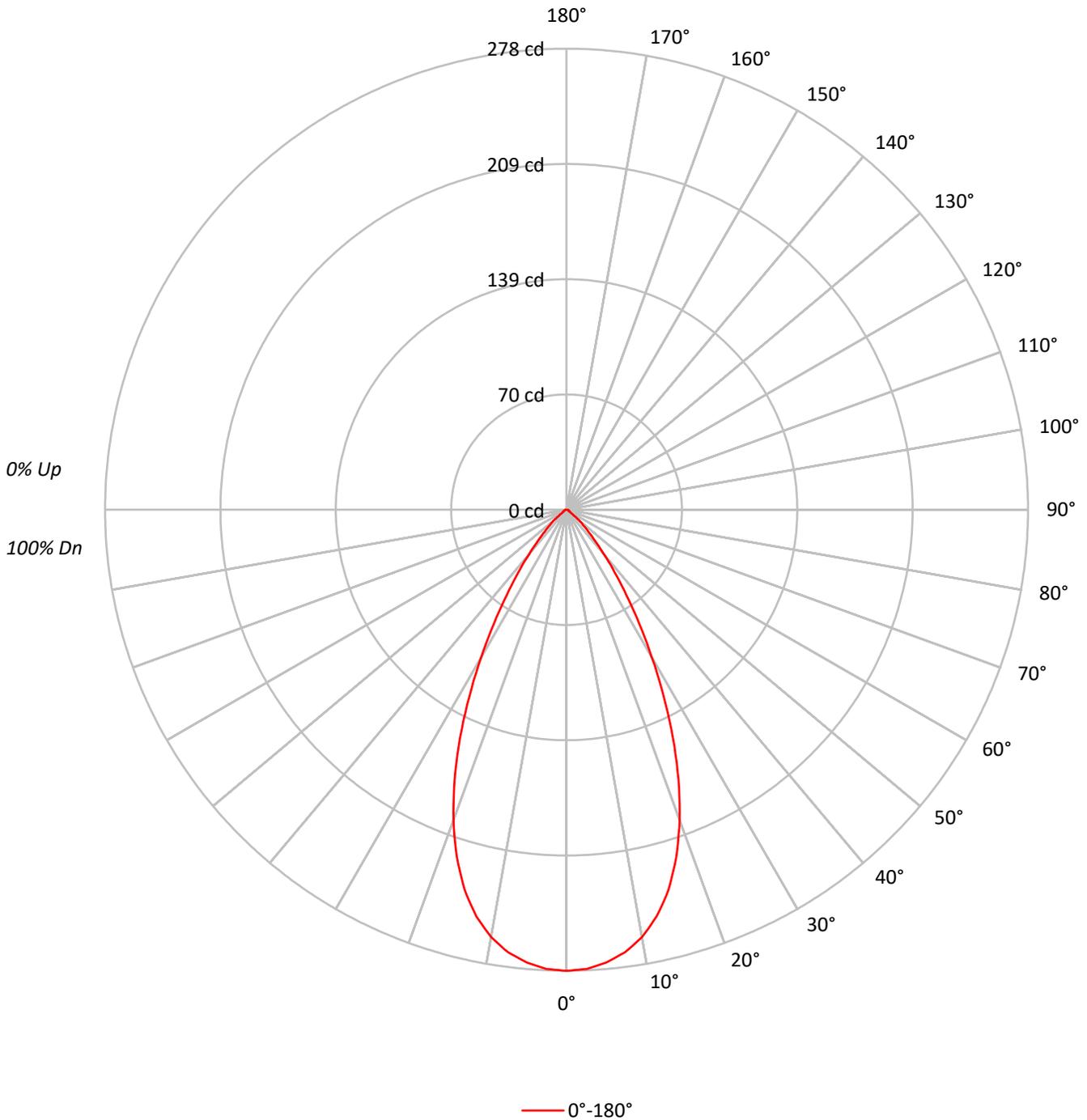
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 221.9 lumens
Efficiency: N/A
Efficacy: 61.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.81
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1261625
CATALOG NUMBER: P3AS02R559727DE010 E3DL1H

Luminous Intensity Polar Plot





TEST NUMBER: P1261625
 CATALOG NUMBER: P3AS02R559727DE010 E3DL1H

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			
1	113	111	108	106	111	108	106	104	104	103	101	101	99	98	97	96	95	93			
2	108	103	99	95	106	101	97	94	98	95	92	95	92	90	92	90	88	87			
3	102	96	91	87	100	95	90	86	92	88	85	89	86	84	87	85	82	81			
4	97	90	84	80	95	89	83	79	86	82	78	84	81	78	83	79	77	75			
5	92	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70			
6	88	79	73	69	86	78	73	69	77	72	68	75	71	68	74	70	67	66			
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62			
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58			
9	76	66	61	57	75	66	60	56	65	60	56	64	59	56	63	59	56	55			
10	73	63	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	52			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	60960
5°	60334
10°	58271
15°	53871
20°	46484
25°	36704
30°	26029
35°	16784
40°	10076
45°	5675
50°	3070
55°	1109
60°	965
65°	934
70°	898
75°	847
80°	758
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5675 cd/sqm



TEST NUMBER: P1261625
 CATALOG NUMBER: P3AS02R559727DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.8	11.6
10°-20°	65.6	29.6
20°-30°	68.8	31.0
30°-40°	40.1	18.1
40°-50°	15.0	6.8
50°-60°	3.5	1.6
60°-70°	1.8	0.8
70°-80°	1.1	0.5
80°-90°	0.3	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°	160.2	72.2
0°-40°	200.3	90.2
0°-60°	218.8	98.6
0°-90°	221.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	278	
5°	274	26
15°	237	66
25°	152	69
35°	63	40
45°	18	15
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1261625
CATALOG NUMBER: P3AS02R559727DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	278.0
2.5°	277.2
5°	274.1
7.5°	269.2
10°	261.7
12.5°	251.1
15°	237.3
17.5°	219.8
20°	199.2
22.5°	176.2
25°	151.7
27.5°	126.7
30°	102.8
32.5°	81.3
35°	62.7
37.5°	47.7
40°	35.2
42.5°	25.3
45°	18.3
47.5°	13.2
50°	9.0
52.5°	5.1
55°	2.9
57.5°	2.4
60°	2.2
62.5°	2.0
65°	1.8
67.5°	1.6
70°	1.4
72.5°	1.2
75°	1.0
77.5°	0.8
80°	0.6
82.5°	0.4
85°	0.2
87.5°	0.2
90°	0.0

(END OF REPORT)