

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: P1267934

Luminaire Tested: P3A17R559735DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267934
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R559735DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

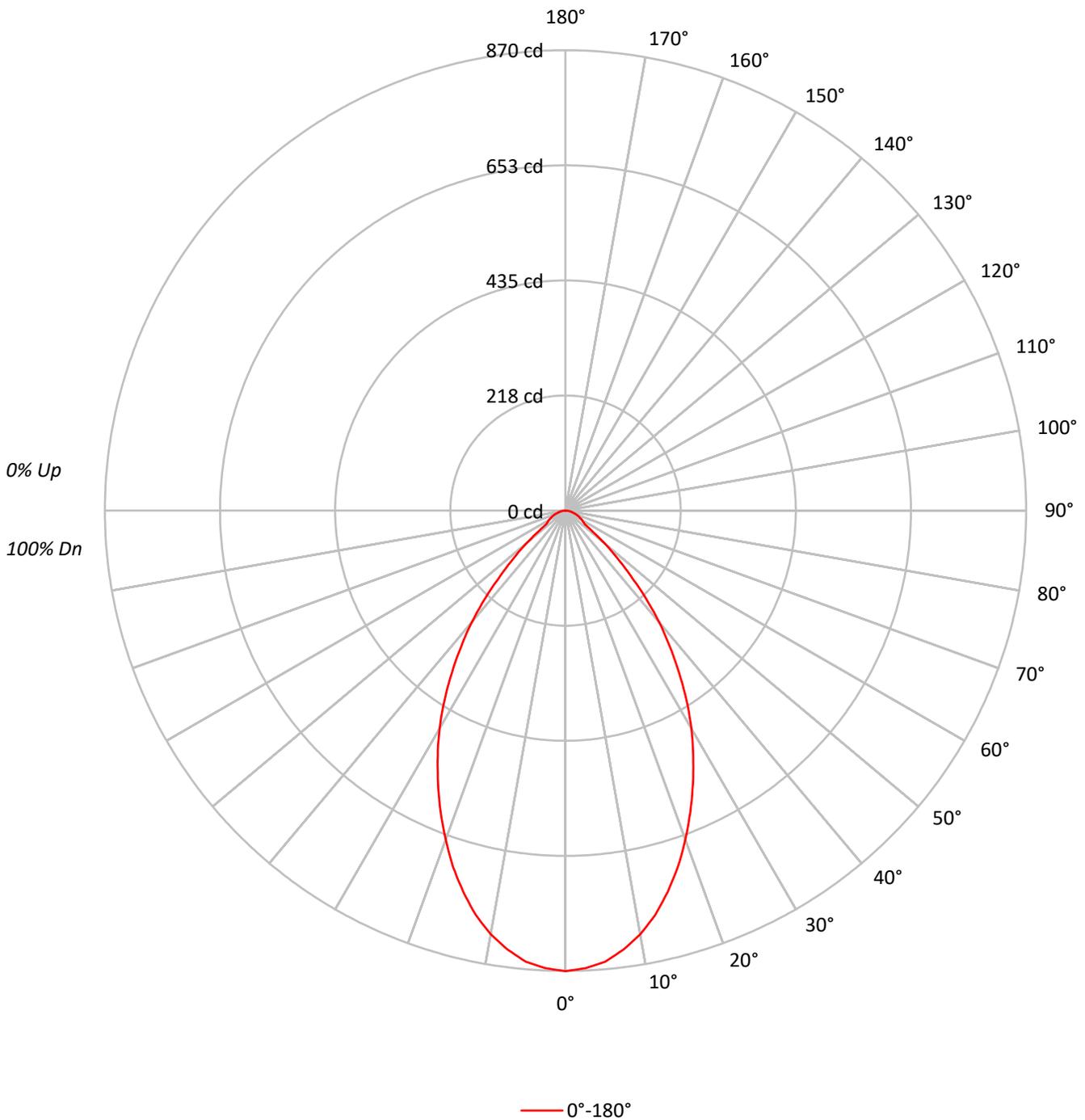
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1015.1 lumens
Efficiency: N/A
Efficacy: 47.9 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1267934
CATALOG NUMBER: P3A17R559735DE010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1267934
 CATALOG NUMBER: P3A17R559735DE010 E3DLD1H

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	112	109	106	103	110	107	104	102	103	100	98	99	97	95	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	54	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	190840
5°	188399
10°	180981
15°	169286
20°	154410
25°	137766
30°	120500
35°	100117
40°	78919
45°	53525
50°	32715
55°	16974
60°	15788
65°	14943
70°	13848
75°	12200
80°	12123
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 53525 cd/sqm



TEST NUMBER: P1267934
 CATALOG NUMBER: P3A17R559735DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.3	7.9
10°-20°	208.4	20.5
20°-30°	261.0	25.7
30°-40°	233.0	23.0
40°-50°	136.4	13.4
50°-60°	47.1	4.6
60°-70°	28.5	2.8
70°-80°	15.8	1.6
80°-90°	4.6	0.5
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°	549.7	54.2
0°-40°	782.6	77.1
0°-60°	966.2	95.2
0°-90°	1015.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1015.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	870	
5°	856	80
15°	746	208
25°	569	261
35°	374	233
45°	173	136
55°	44	47
65°	29	28
75°	14	16
85°	4	5
90°	0	



TEST NUMBER: P1267934
CATALOG NUMBER: P3A17R559735DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	870.3
2.5°	865.5
5°	855.9
7.5°	836.8
10°	812.8
12.5°	782.8
15°	745.7
17.5°	706.1
20°	661.7
22.5°	616.2
25°	569.4
27.5°	522.7
30°	475.9
32.5°	425.6
35°	374.0
37.5°	323.7
40°	275.7
42.5°	224.2
45°	172.6
47.5°	131.9
50°	95.9
52.5°	62.3
55°	44.4
57.5°	39.6
60°	36.0
62.5°	32.4
65°	28.8
67.5°	25.2
70°	21.6
72.5°	18.0
75°	14.4
77.5°	12.0
80°	9.6
82.5°	6.0
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)