

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: P1267208

Luminaire Tested: P3A09R609735DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267208
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R609735DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

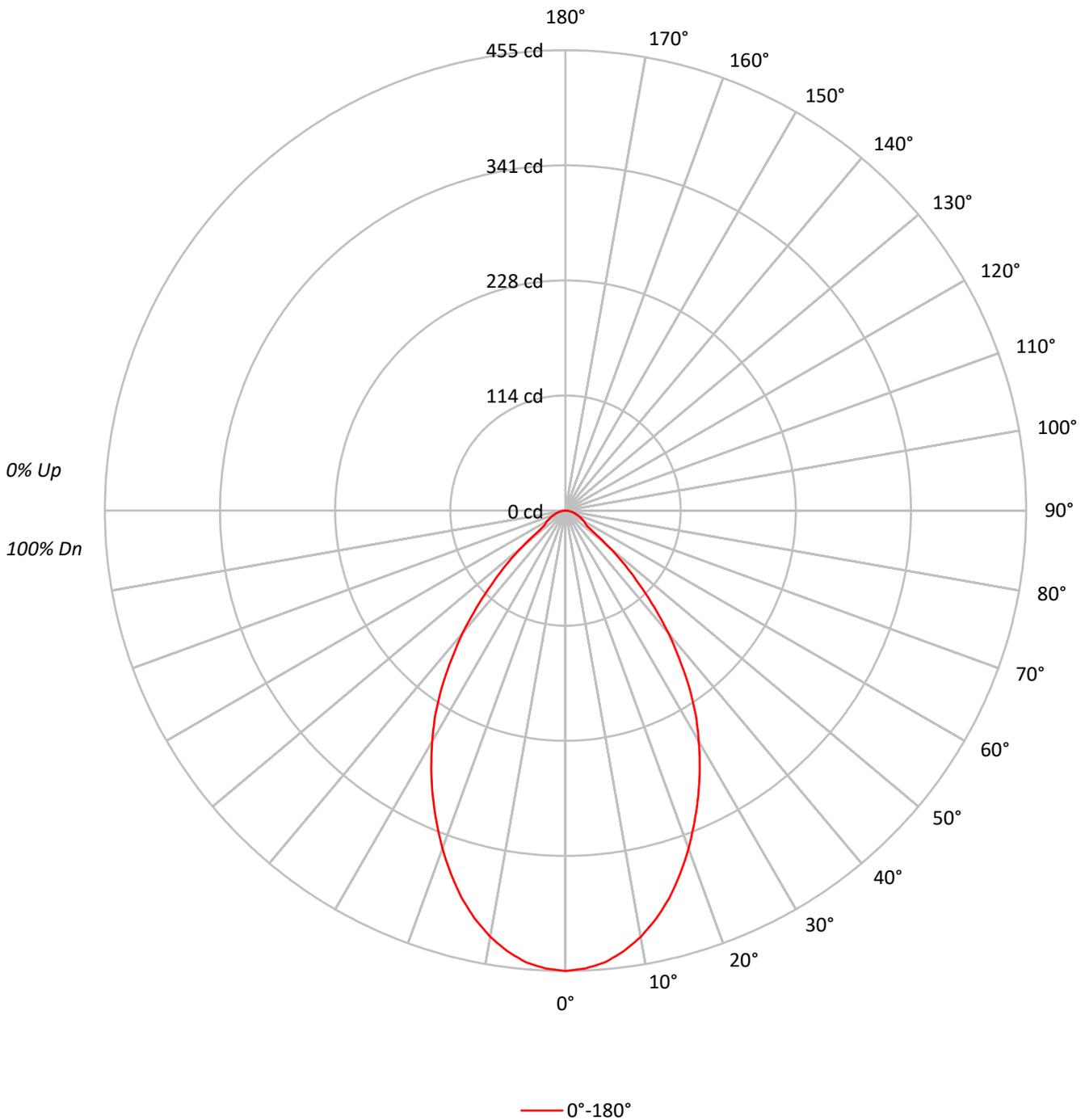
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 562.0 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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

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Luminous Intensity Polar Plot





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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	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99773
5°	98635
10°	95233
15°	89966
20°	82934
25°	75101
30°	66668
35°	56965
40°	45285
45°	31941
50°	19070
55°	9634
60°	9254
65°	8509
70°	7886
75°	7540
80°	6945
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 31941 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.1	7.5
10°-20°	110.8	19.7
20°-30°	142.2	25.3
30°-40°	131.8	23.5
40°-50°	80.3	14.3
50°-60°	26.7	4.8
60°-70°	16.3	2.9
70°-80°	9.2	1.6
80°-90°	2.6	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°	295.1	52.5
0°-40°	426.9	76.0
0°-60°	533.9	95.0
0°-90°	562.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	562.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	455	
5°	448	42
15°	396	111
25°	310	142
35°	213	132
45°	103	80
55°	25	27
65°	16	16
75°	9	9
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	455.0
2.5°	452.9
5°	448.1
7.5°	439.3
10°	427.7
12.5°	413.3
15°	396.3
17.5°	376.5
20°	355.4
22.5°	332.9
25°	310.4
27.5°	287.2
30°	263.3
32.5°	239.4
35°	212.8
37.5°	184.8
40°	158.2
42.5°	130.3
45°	103.0
47.5°	79.8
50°	55.9
52.5°	33.4
55°	25.2
57.5°	23.2
60°	21.1
62.5°	18.4
65°	16.4
67.5°	14.3
70°	12.3
72.5°	10.2
75°	8.9
77.5°	6.8
80°	5.5
82.5°	3.4
85°	2.0
87.5°	1.4
90°	0.0

(END OF REPORT)