

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: P1256881

Luminaire Tested: P3AS09R159040DE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

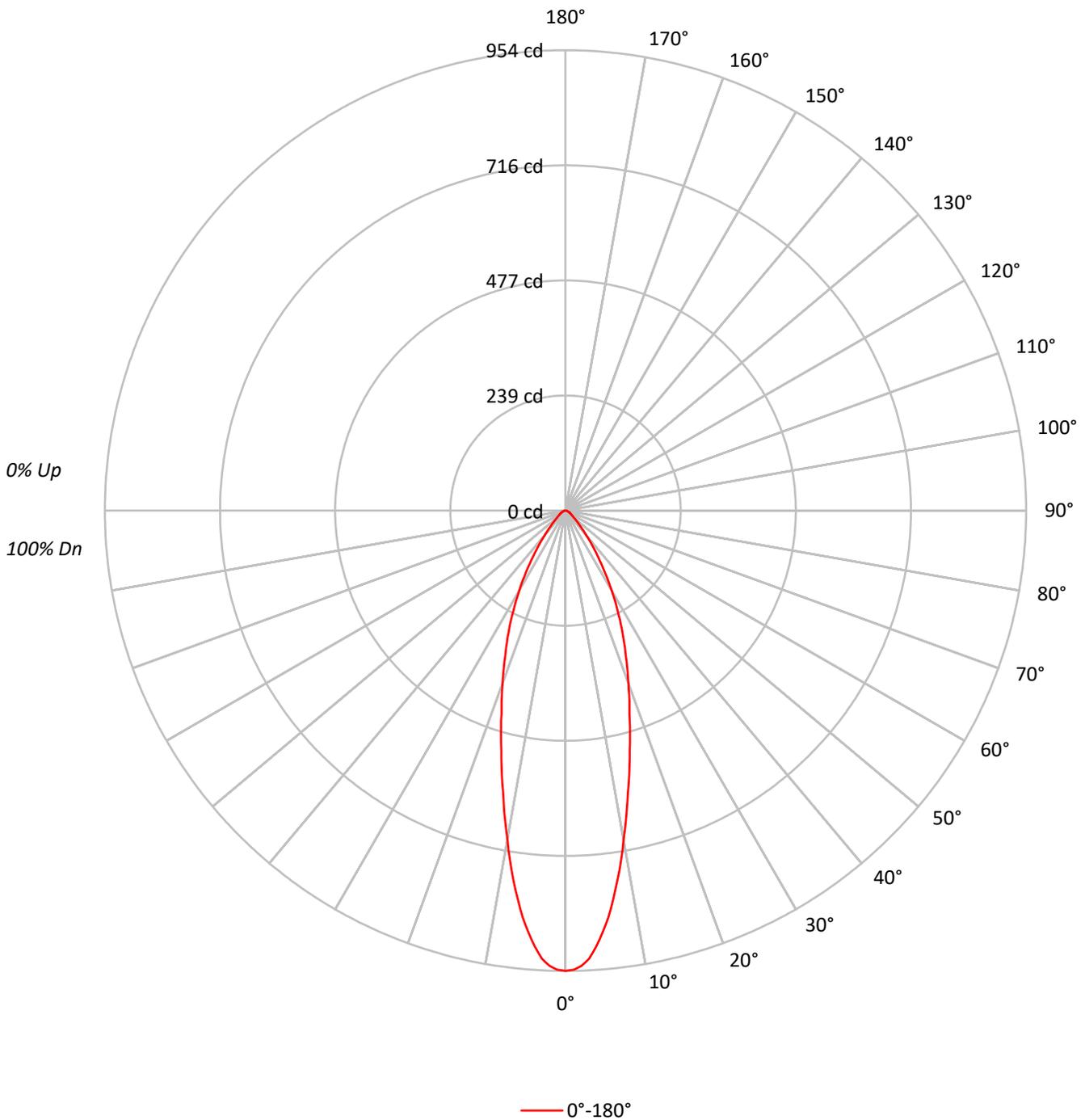
Test Method: LM-79-2019  
Report Number: P1256881  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R159040DE010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 485.0 lumens  
Efficiency: N/A  
Efficacy: 43.7 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
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	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	209150
5°	193308
10°	154328
15°	116573
20°	88768
25°	67649
30°	48463
35°	31614
40°	19379
45°	11722
50°	7778
55°	6040
60°	5175
65°	4514
70°	4039
75°	3982
80°	3031
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 11722 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	77.8	16.0
10°-20°	143.5	29.6
20°-30°	127.8	26.3
30°-40°	75.6	15.6
40°-50°	31.0	6.4
50°-60°	14.6	3.0
60°-70°	8.9	1.8
70°-80°	4.7	1.0
80°-90°	1.2	0.2
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°	349.1	72.0
0°-40°	424.7	87.6
0°-60°	470.3	97.0
0°-90°	485.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	485.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	954	
5°	878	78
15°	514	144
25°	280	128
35°	118	76
45°	38	31
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	953.8
1°	951.4
2°	944.3
3°	930.1
4°	906.5
5°	878.2
6°	847.4
7°	811.2
8°	773.4
9°	734.8
10°	693.1
12.5°	597.8
15°	513.5
17.5°	441.0
20°	380.4
22.5°	326.8
25°	279.6
27.5°	233.9
30°	191.4
32.5°	152.8
35°	118.1
37.5°	90.6
40°	67.7
42.5°	50.4
45°	37.8
47.5°	29.1
50°	22.8
52.5°	18.9
55°	15.8
57.5°	13.4
60°	11.8
62.5°	10.2
65°	8.7
67.5°	7.9
70°	6.3
72.5°	5.5
75°	4.7
77.5°	3.2
80°	2.4
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)