

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: P1271667

Luminaire Tested: P3AS09R409827DE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

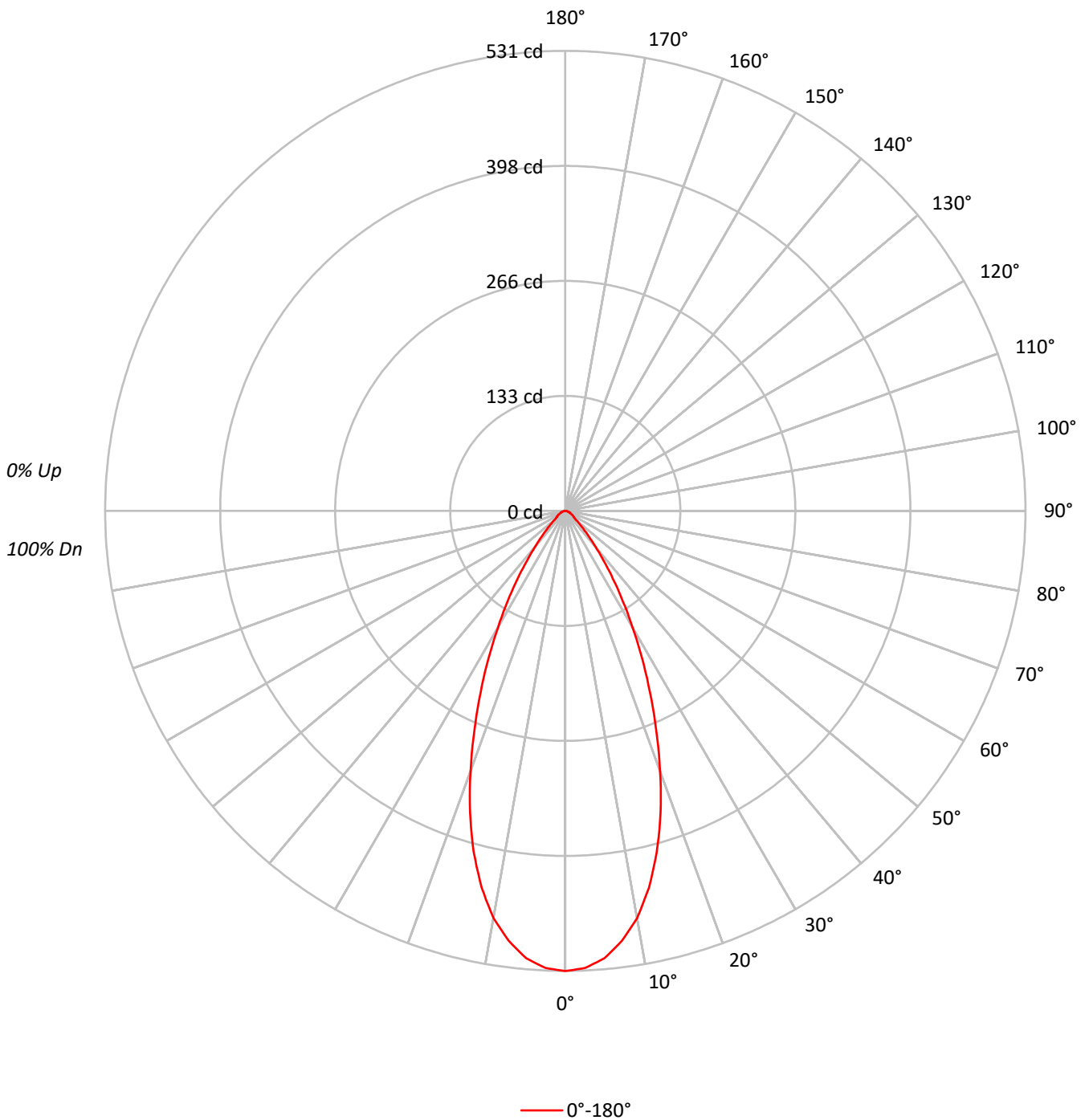
Test Method: LM-79-2019  
Report Number: P1271667  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R409827DE010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R40 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 374.0 lumens  
Efficiency: N/A  
Efficacy: 34.0 lumens/watt  
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 11  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1271667  
CATALOG NUMBER: P3AS09R409827DE010 E3DL1WH

### Luminous Intensity Polar Plot





TEST NUMBER: P1271667

CATALOG NUMBER: P3AS09R409827DE010 E3DL1WH

**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	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	95	105	101	97	94	97	94	91	94	92	89	92	89	88	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	83	86	84	81	80			
4	97	89	83	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	78	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	64	82	73	68	64	72	67	63	71	66	63	70	66	62	61			
8	79	70	64	60	78	69	64	60	68	63	59	67	63	59	66	62	59	58			
9	76	66	60	56	75	66	60	56	65	60	56	64	59	56	63	59	56	54			
10	72	63	57	53	71	62	57	53	62	57	53	61	56	53	60	56	53	51			

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

	0°
0°	116460
5°	114087
10°	106233
15°	92600
20°	74626
25°	55939
30°	39323
35°	25752
40°	15601
45°	9303
50°	5561
55°	4473
60°	4035
65°	3424
70°	3270
75°	2626
80°	2526
85°	2516

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9303 cd/sqm



TEST NUMBER: P1271667  
 CATALOG NUMBER: P3AS09R409827DE010 E3DL1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	48.1	12.9
10°-20°	112.3	30.0
20°-30°	105.9	28.3
30°-40°	61.2	16.4
40°-50°	24.4	6.5
50°-60°	10.8	2.9
60°-70°	6.7	1.8
70°-80°	3.5	0.9
80°-90°	1.1	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°	266.3	71.2
0°-40°	327.5	87.6
0°-60°	362.7	97.0
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	531	
5°	518	48
15°	408	112
25°	231	106
35°	96	61
45°	30	24
55°	12	11
65°	7	7
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1271667  
CATALOG NUMBER: P3AS09R409827DE010 E3DL1WH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	531.1
2.5°	528.0
5°	518.3
7.5°	500.5
10°	477.1
12.5°	445.5
15°	407.9
17.5°	365.6
20°	319.8
22.5°	273.9
25°	231.2
27.5°	191.5
30°	155.3
32.5°	123.7
35°	96.2
37.5°	72.8
40°	54.5
42.5°	40.7
45°	30.0
47.5°	21.9
50°	16.3
52.5°	13.2
55°	11.7
57.5°	10.7
60°	9.2
62.5°	7.6
65°	6.6
67.5°	5.6
70°	5.1
72.5°	4.1
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.5
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)