

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: P1254289

Luminaire Tested: P3AS09R359035DE010 E3DL1H

Issue Date: 1/30/2026

**Test Information**

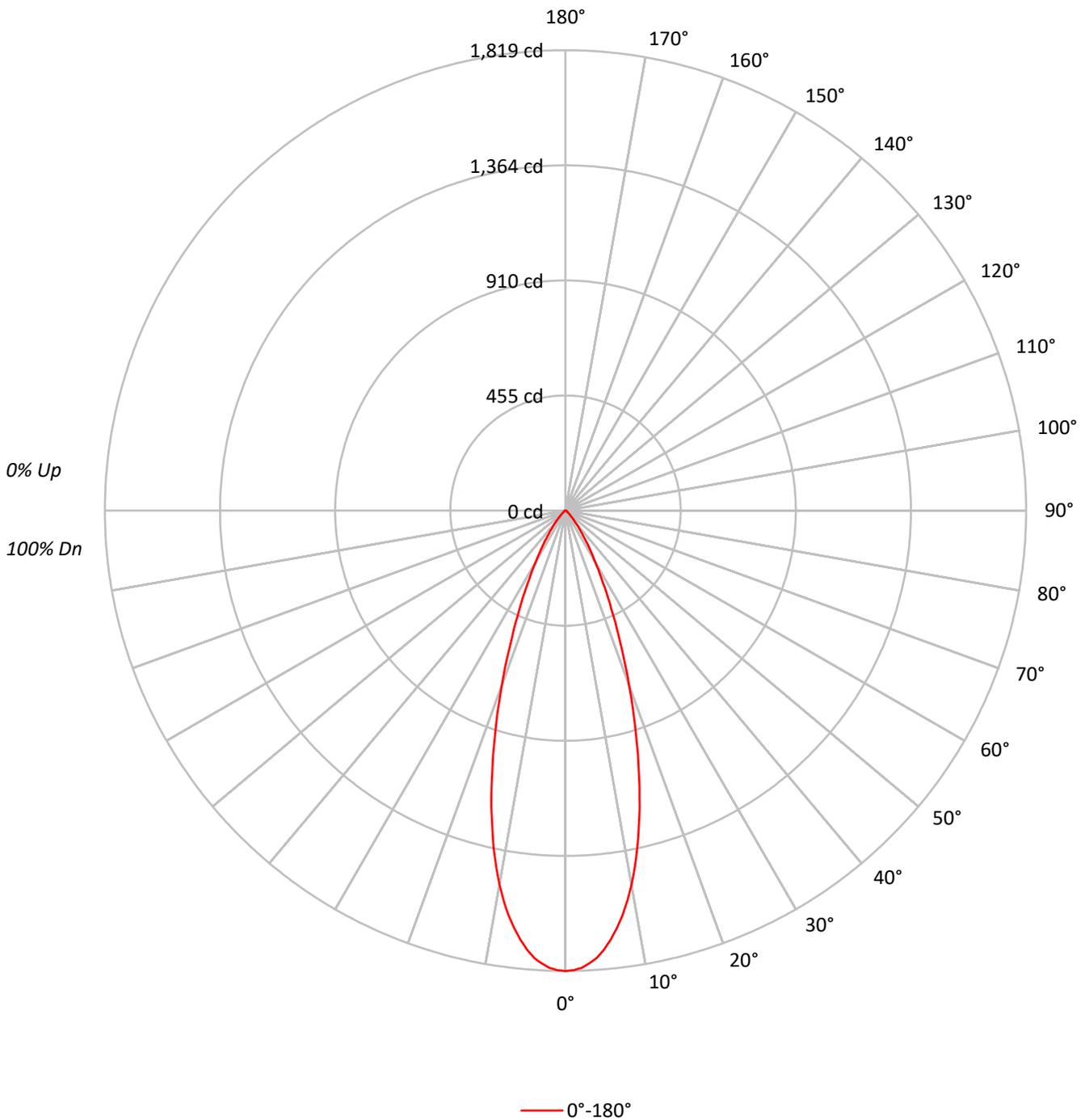
Test Method: LM-79-2019  
Report Number: P1254289  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R359035DE010 E3DL1H  
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3DL1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 791.0 lumens  
Efficiency: N/A  
Efficacy: 71.3 lumens/watt  
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58  
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	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95	95	95	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90	90	90	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85	85	85	85
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80	80	80	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76	76	76	76
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73	73	73	73
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70	70	70	70
8	85	77	72	69	84	77	72	68	76	71	68	75	71	68	74	70	68	66	66	66	66
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	67	65	64	64	64	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61	61	61	61

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

	0°
0°	398937
5°	383402
10°	334062
15°	255870
20°	171188
25°	103579
30°	59452
35°	33221
40°	17662
45°	9086
50°	4367
55°	3441
60°	3289
65°	2750
70°	2885
75°	2542
80°	2904
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9086 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	158.5	20.0
10°-20°	307.1	38.8
20°-30°	201.1	25.4
30°-40°	81.6	10.3
40°-50°	24.5	3.1
50°-60°	8.3	1.1
60°-70°	5.6	0.7
70°-80°	3.3	0.4
80°-90°	1.2	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°	666.7	84.3
0°-40°	748.2	94.6
0°-60°	781.0	98.7
0°-90°	791.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	791.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1819	
5°	1742	158
15°	1127	307
25°	428	201
35°	124	82
45°	29	24
55°	9	8
65°	5	6
75°	3	3
85°	1	1
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1819.3
1°	1816.3
2°	1808.1
3°	1791.5
4°	1771.9
5°	1741.8
6°	1704.2
7°	1662.1
8°	1614.7
9°	1560.5
10°	1500.3
11°	1433.4
12°	1363.4
13°	1285.1
14°	1210.6
15°	1127.1
17.5°	924.7
20°	733.6
22.5°	564.3
25°	428.1
27.5°	319.0
30°	234.8
32.5°	172.3
35°	124.1
37.5°	88.0
40°	61.7
42.5°	42.9
45°	29.3
47.5°	19.6
50°	12.8
52.5°	9.8
55°	9.0
57.5°	8.3
60°	7.5
62.5°	6.8
65°	5.3
67.5°	4.5
70°	4.5
72.5°	3.8
75°	3.0
77.5°	2.3
80°	2.3
82.5°	1.5
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)