

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: P1275173

Luminaire Tested: P3AS02R509835DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

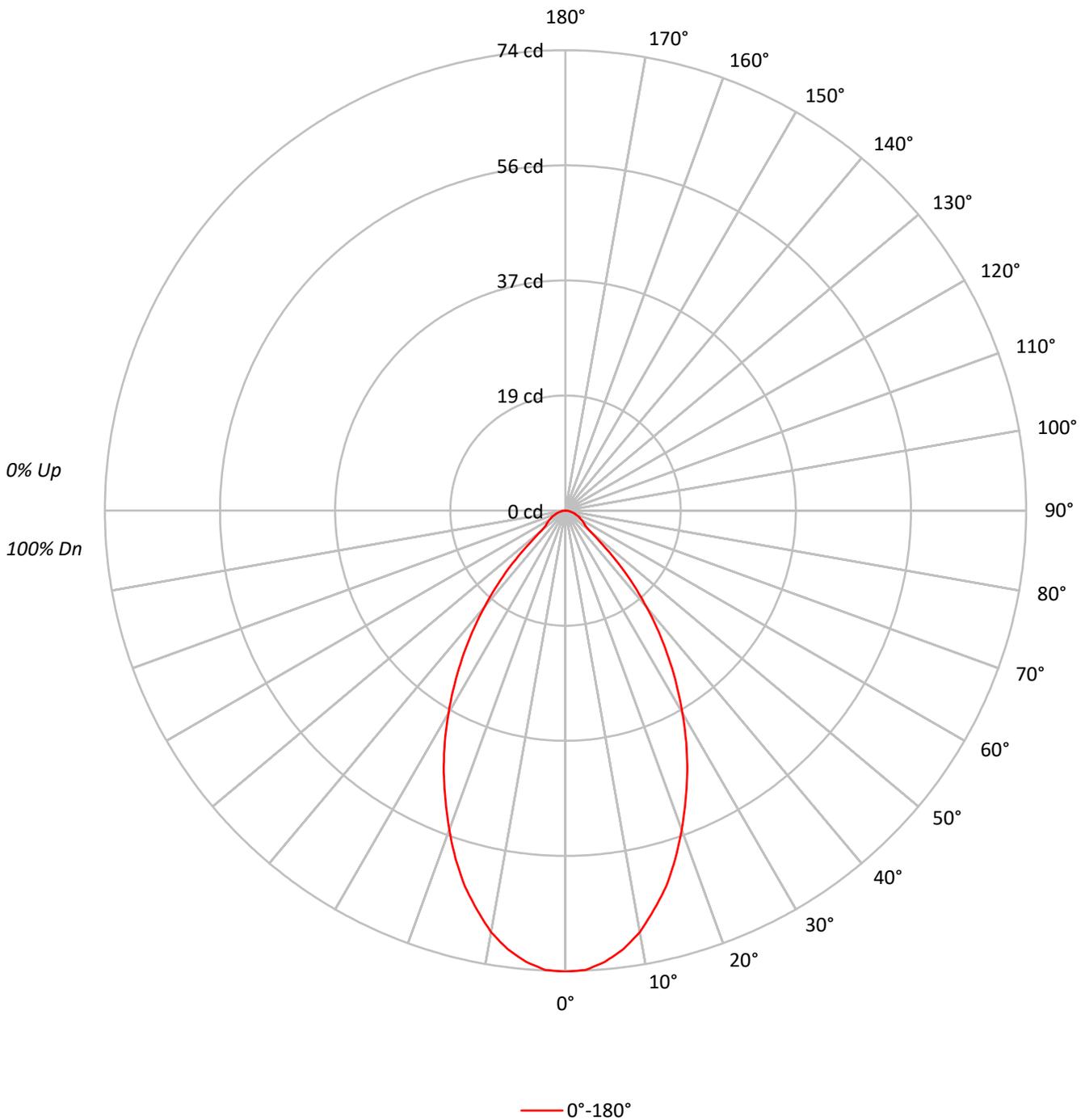
Test Method: LM-79-2019  
Report Number: P1275173  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R509835DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 80.0 lumens  
Efficiency: N/A  
Efficacy: 22.2 lumens/watt  
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 3.6  
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: P1275173  
CATALOG NUMBER: P3AS02R509835DE010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1275173  
 CATALOG NUMBER: P3AS02R509835DE010 E3DLD1GPH

**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	101	99	99	97	96	95	94	93	91			
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83			
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75			
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69			
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63			
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58			
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53			
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50			
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46			
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43			

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

	0°
0°	16249
5°	16025
10°	15319
15°	14189
20°	12741
25°	11202
30°	9520
35°	7736
40°	5811
45°	3752
50°	1774
55°	1415
60°	1316
65°	1245
70°	1090
75°	1017
80°	884
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3752 cd/sqm



TEST NUMBER: P1275173  
 CATALOG NUMBER: P3AS02R509835DE010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	6.8	8.5
10°-20°	17.4	21.8
20°-30°	21.2	26.4
30°-40°	18.0	22.4
40°-50°	9.3	11.7
50°-60°	3.4	4.2
60°-70°	2.3	2.9
70°-80°	1.3	1.6
80°-90°	0.4	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°	45.4	56.7
0°-40°	63.3	79.2
0°-60°	76.0	95.0
0°-90°	80.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	80.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	74	
5°	73	7
15°	62	17
25°	46	21
35°	29	18
45°	12	9
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1275173  
CATALOG NUMBER: P3AS02R509835DE010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	74.1
2.5°	73.9
5°	72.8
7.5°	71.1
10°	68.8
12.5°	65.7
15°	62.5
17.5°	58.7
20°	54.6
22.5°	50.4
25°	46.3
27.5°	42.0
30°	37.6
32.5°	33.2
35°	28.9
37.5°	24.6
40°	20.3
42.5°	16.2
45°	12.1
47.5°	8.0
50°	5.2
52.5°	4.0
55°	3.7
57.5°	3.3
60°	3.0
62.5°	2.6
65°	2.4
67.5°	2.0
70°	1.7
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)