

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: P1275209

Luminaire Tested: P3AS02R559835DE010 E3DLP1H

Issue Date: 1/30/2026

**Test Information**

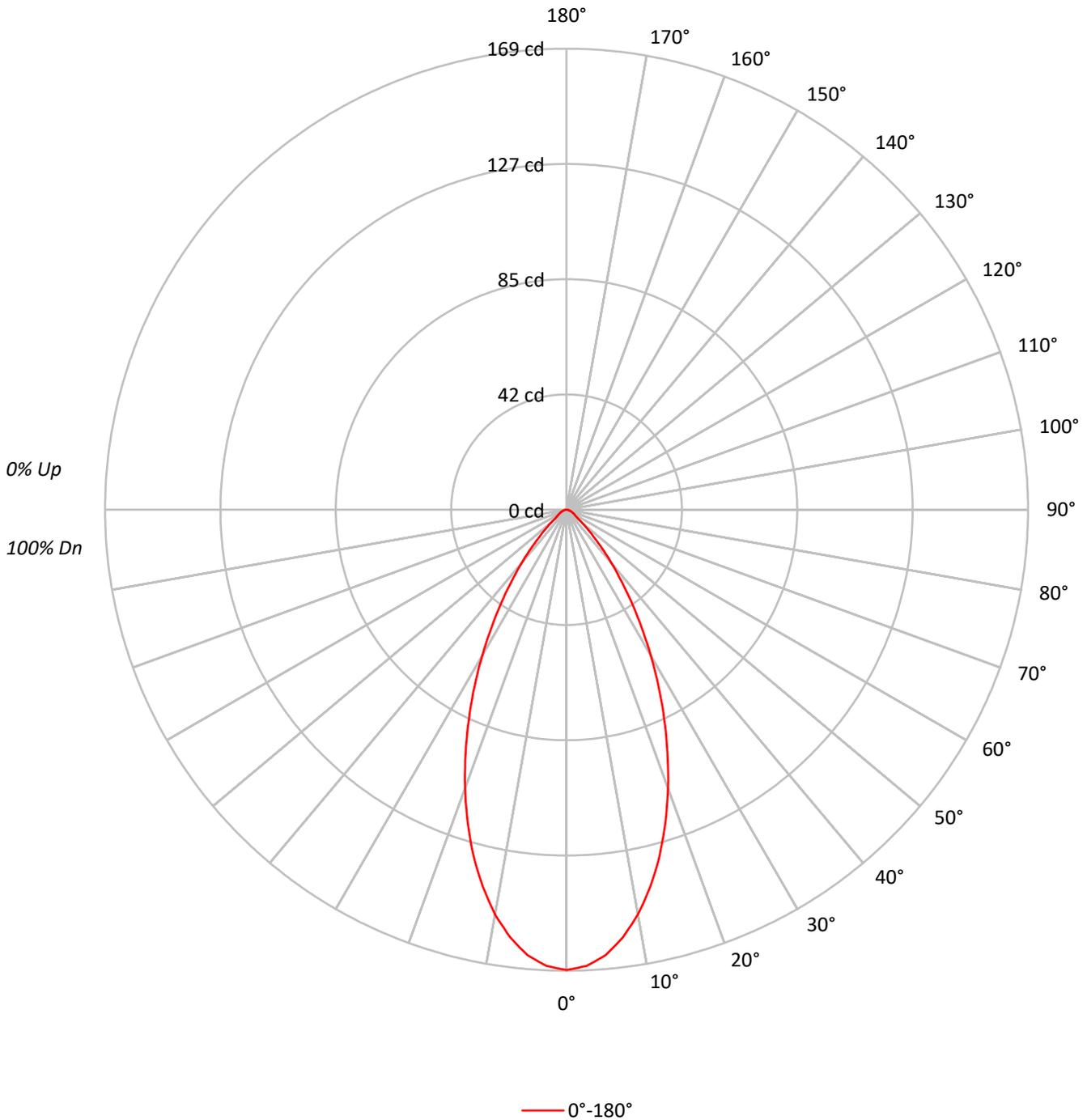
Test Method: LM-79-2019  
Report Number: P1275209  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R559835DE010 E3DLP1H  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLP1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 136.0 lumens  
Efficiency: N/A  
Efficacy: 37.8 lumens/watt  
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8  
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: P1275209  
CATALOG NUMBER: P3AS02R559835DE010 E3DLP1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1275209  
 CATALOG NUMBER: P3AS02R559835DE010 E3DLP1H

**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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92			92
2	107	102	97	94	105	100	96	93	97	93	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	85	83	80	79			79
4	96	88	82	77	94	87	81	77	84	80	76	82	78	75	80	77	74	73			73
5	91	82	76	71	89	81	75	71	79	74	70	77	73	70	76	72	69	67			67
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63			63
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59			59
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	56	55			55
9	74	64	58	54	73	63	58	54	62	57	53	62	57	53	61	56	53	52			52
10	70	60	55	51	69	60	54	50	59	54	50	58	54	50	58	53	50	49			49

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

	0°
0°	36993
5°	36077
10°	33533
15°	29853
20°	25366
25°	20469
30°	15623
35°	11109
40°	7328
45°	4342
50°	2559
55°	1567
60°	1403
65°	1245
70°	1090
75°	932
80°	884
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4342 cd/sqm



TEST NUMBER: P1275209  
 CATALOG NUMBER: P3AS02R559835DE010 E3DLP1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	15.2	11.2
10°-20°	36.5	26.8
20°-30°	38.6	28.4
30°-40°	26.1	19.2
40°-50°	11.4	8.4
50°-60°	4.1	3.0
60°-70°	2.4	1.8
70°-80°	1.2	0.9
80°-90°	0.4	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°	90.3	66.4
0°-40°	116.4	85.6
0°-60°	131.9	97.0
0°-90°	136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	136.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	169	
5°	164	15
15°	132	36
25°	85	39
35°	42	26
45°	14	11
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1275209  
CATALOG NUMBER: P3AS02R559835DE010 E3DLP1H

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	168.7
2.5°	167.4
5°	163.9
7.5°	158.1
10°	150.6
12.5°	141.6
15°	131.5
17.5°	120.3
20°	108.7
22.5°	96.6
25°	84.6
27.5°	72.9
30°	61.7
32.5°	51.0
35°	41.5
37.5°	32.9
40°	25.6
42.5°	19.2
45°	14.0
47.5°	10.3
50°	7.5
52.5°	5.2
55°	4.1
57.5°	3.7
60°	3.2
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.7
72.5°	1.5
75°	1.1
77.5°	0.9
80°	0.7
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)