

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: P1275547

Luminaire Tested: P3AS05R559835DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

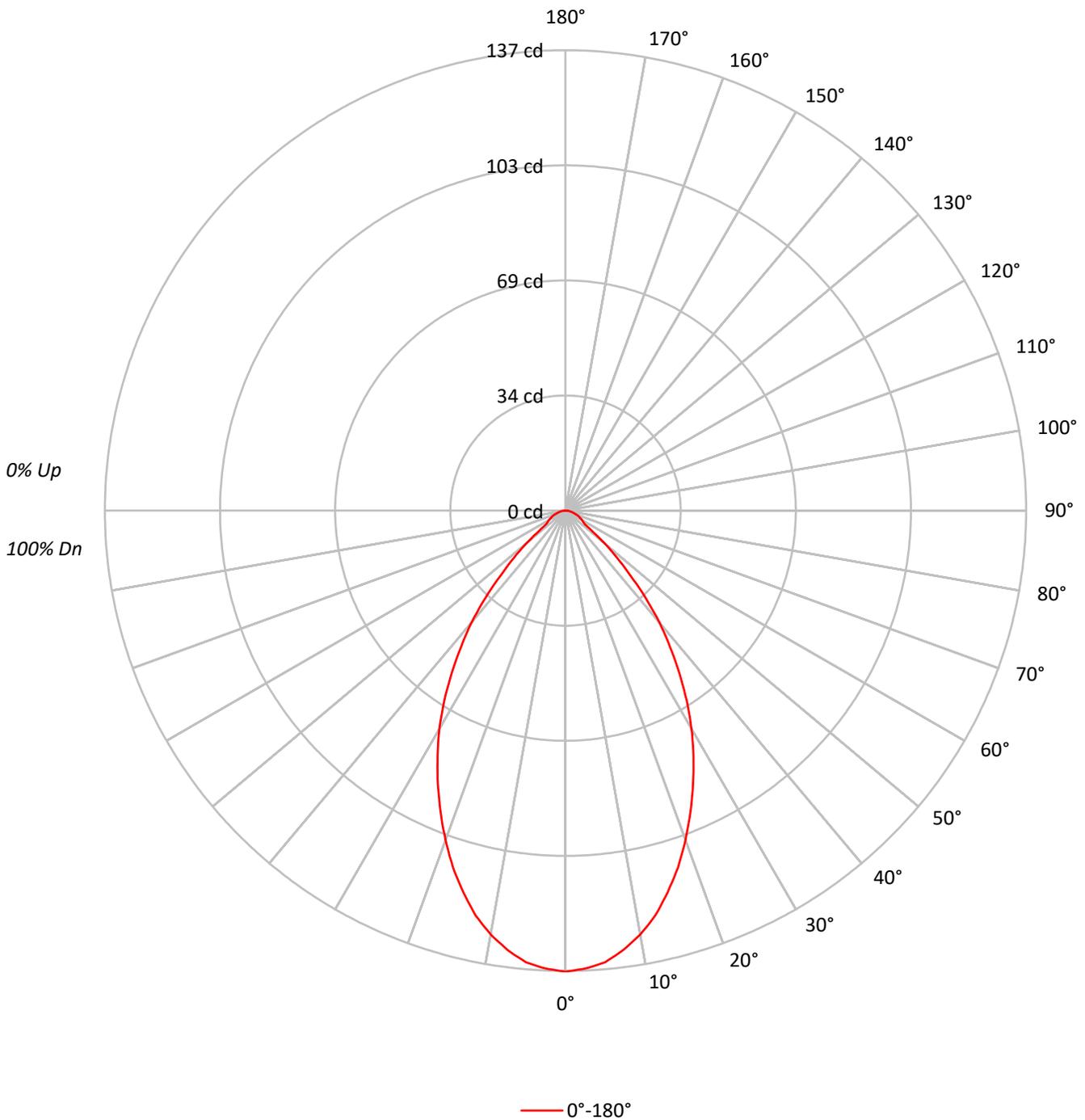
Test Method: LM-79-2019  
Report Number: P1275547  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R559835DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 98CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 160.0 lumens  
Efficiency: N/A  
Efficacy: 22.2 lumens/watt  
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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: P1275547  
CATALOG NUMBER: P3AS05R559835DE010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1275547  
 CATALOG NUMBER: P3AS05R559835DE010 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	100	98	99	97	95	95	94	93	91			
2	105	100	95	91	103	98	93	90	94	91	88	91	88	86	89	86	84	82			
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74			
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68			
5	87	77	71	66	85	76	70	65	75	69	65	73	68	64	71	67	64	62			
6	82	72	65	60	80	71	64	60	69	64	59	68	63	59	66	62	58	57			
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52			
8	73	62	55	51	72	62	55	51	60	55	50	59	54	50	58	53	50	48			
9	69	58	51	47	68	58	51	47	57	51	47	56	50	46	55	50	46	45			
10	65	55	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42			

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

	0°
0°	30085
5°	29694
10°	28523
15°	26674
20°	24339
25°	21727
30°	18990
35°	15794
40°	12452
45°	8435
50°	5151
55°	2676
60°	2500
65°	2335
70°	2180
75°	1949
80°	1894
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8435 cd/sqm



TEST NUMBER: P1275547  
 CATALOG NUMBER: P3AS05R559835DE010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	12.7	7.9
10°-20°	32.8	20.5
20°-30°	41.1	25.7
30°-40°	36.7	23.0
40°-50°	21.5	13.4
50°-60°	7.4	4.6
60°-70°	4.5	2.8
70°-80°	2.5	1.6
80°-90°	0.7	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°	86.6	54.2
0°-40°	123.4	77.1
0°-60°	152.3	95.2
0°-90°	160.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	160.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	137	
5°	135	13
15°	118	33
25°	90	41
35°	59	37
45°	27	21
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1275547  
CATALOG NUMBER: P3AS05R559835DE010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	137.2
2.5°	136.4
5°	134.9
7.5°	131.9
10°	128.1
12.5°	123.4
15°	117.5
17.5°	111.3
20°	104.3
22.5°	97.1
25°	89.8
27.5°	82.4
30°	75.0
32.5°	67.1
35°	59.0
37.5°	51.0
40°	43.5
42.5°	35.3
45°	27.2
47.5°	20.8
50°	15.1
52.5°	9.8
55°	7.0
57.5°	6.2
60°	5.7
62.5°	5.1
65°	4.5
67.5°	4.0
70°	3.4
72.5°	2.8
75°	2.3
77.5°	1.9
80°	1.5
82.5°	0.9
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)