

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: P1254022

Luminaire Tested: P3AS05R559035DE010 E3D1H

Issue Date: 1/29/2026

**Test Information**

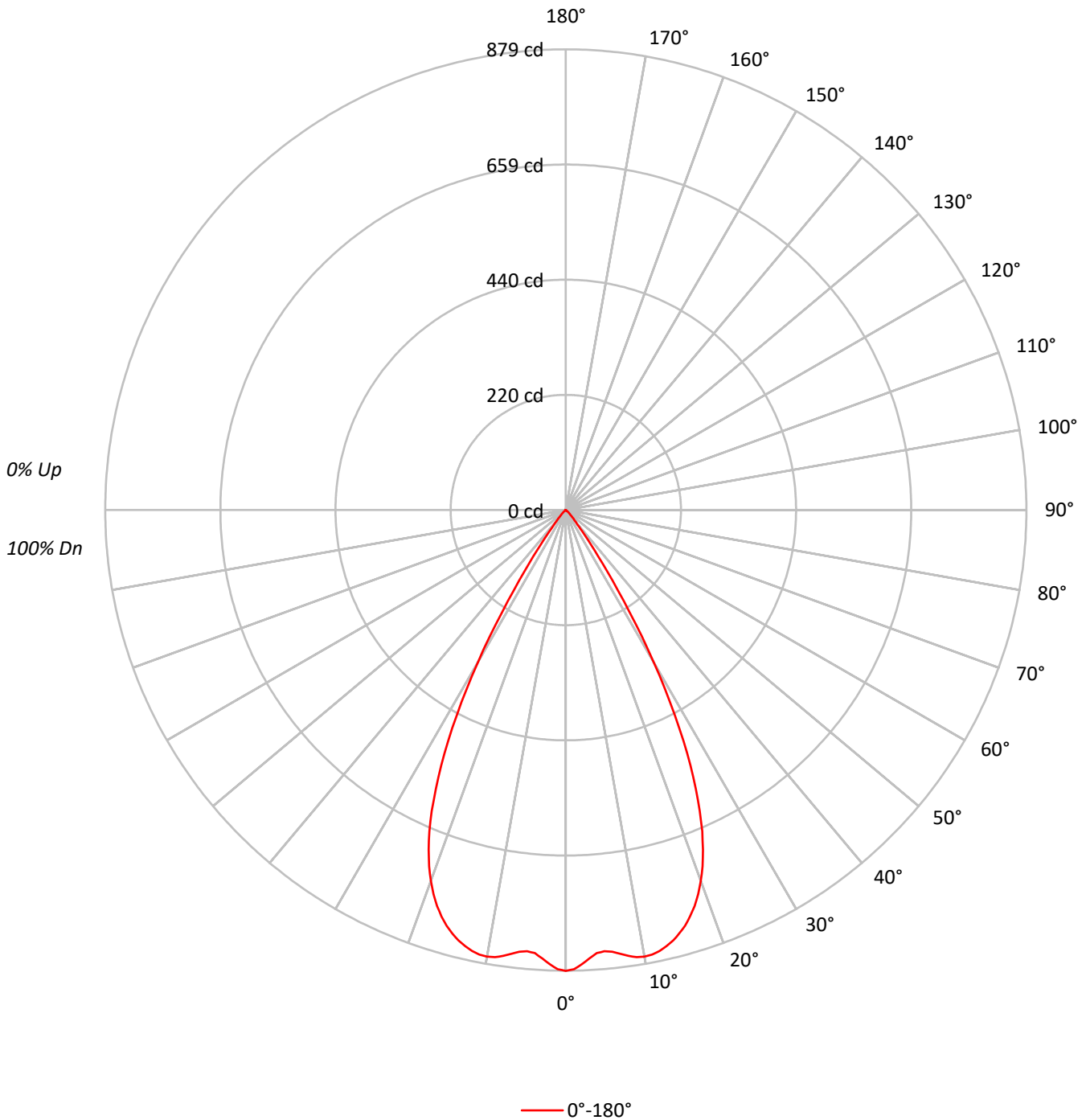
Test Method: LM-79-2019  
Report Number: P1254022  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS05R559035DE010 E3D1H  
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 665.1 lumens  
Efficiency: N/A  
Efficacy: 92.4 lumens/watt  
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 7.2  
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: P1254022  
CATALOG NUMBER: P3AS05R559035DE010 E3D1H

### Luminous Intensity Polar Plot





TEST NUMBER: P1254022

CATALOG NUMBER: P3AS05R559035DE010 E3D1H

**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	111	109	107	112	109	107	105	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	92	91	89	89	89	89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84	84	84	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	79	79	79	79
5	95	88	82	79	94	87	82	78	85	81	78	84	80	77	82	79	76	75	75	75	75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	71	71	71	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	67	67	67	67
8	83	75	69	66	82	74	69	65	73	69	65	72	68	65	71	68	65	63	63	63	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	60	60	60	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	57	57	57	57

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

	0°
0°	192835
5°	186022
10°	192671
15°	189944
20°	175809
25°	142170
30°	85203
35°	28884
40°	7958
45°	3535
50°	1023
55°	191
60°	132
65°	156
70°	192
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 3535 cd/sqm



TEST NUMBER: P1254022  
 CATALOG NUMBER: P3AS05R559035DE010 E3D1H

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	81.8	12.3
10°-20°	233.0	35.0
20°-30°	258.9	38.9
30°-40°	80.6	12.1
40°-50°	9.7	1.5
50°-60°	0.8	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	573.7	86.3
0°-40°	654.3	98.4
0°-60°	664.7	99.9
0°-90°	665.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	665.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	879	
5°	845	82
15°	837	233
25°	588	259
35°	108	81
45°	11	10
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1254022  
CATALOG NUMBER: P3AS05R559035DE010 E3D1H

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	879.4
1°	876.1
2°	867.6
3°	856.9
4°	847.3
5°	845.1
6°	847.6
7°	852.9
8°	859.0
9°	863.8
10°	865.3
11°	864.3
12°	860.2
13°	853.9
14°	846.6
15°	836.7
16°	825.4
17°	811.0
18°	794.8
19°	775.3
20°	753.4
21°	728.4
22°	698.8
23°	666.2
24°	628.8
25°	587.6
26°	542.4
27°	494.4
28°	443.1
29°	390.3
30°	336.5
31°	282.4
32°	229.6
32.5°	206.2
33°	181.9
34°	140.7
35°	107.9
36°	82.1
37°	60.9
37.5°	52.0
38°	45.2
39°	34.4
40°	27.8
42.5°	17.7
45°	11.4



TEST NUMBER: P1254022  
CATALOG NUMBER: P3AS05R559035DE010 E3D1H

**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	6.8
50°	3.0
52.5°	1.0
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)