

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: P1260347

Luminaire Tested: P3AS17R309050DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

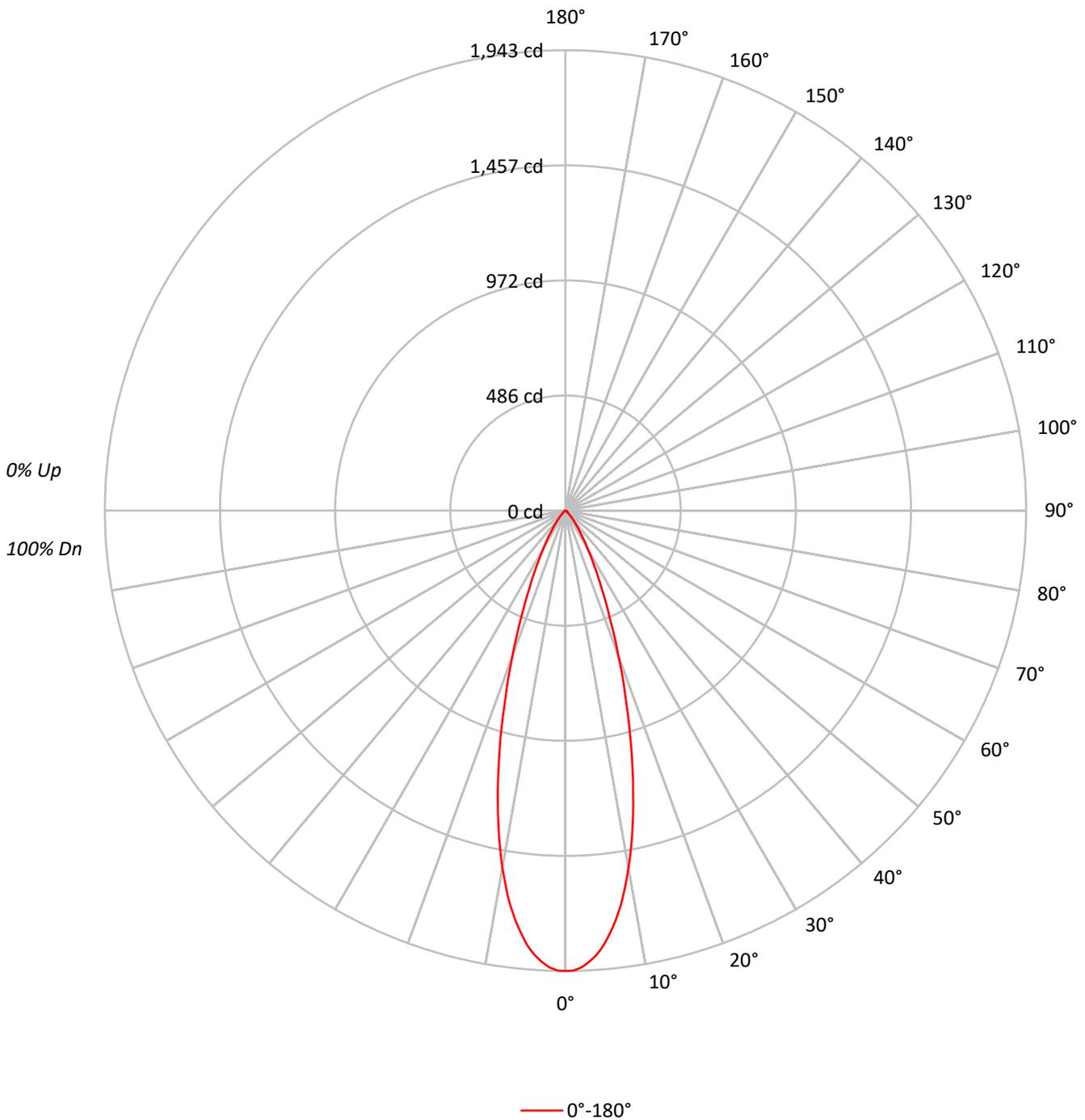
Test Method: LM-79-2019  
Report Number: P1260347  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309050DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 730.0 lumens  
Efficiency: N/A  
Efficacy: 34.4 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 21.2  
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: P1260347  
CATALOG NUMBER: P3AS17R309050DE010 E3DL1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1260347

CATALOG NUMBER: P3AS17R309050DE010 E3DL1GPH

**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	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	95	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	90	90	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	86	86	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	82	82	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	78	78	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	75	75	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	71	71	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	69	69	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	66	66	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	63	63	63

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

	0°
0°	425975
5°	405436
10°	341031
15°	245949
20°	152543
25°	86763
30°	48185
35°	26207
40°	13826
45°	7474
50°	3991
55°	2638
60°	2412
65°	2491
70°	2180
75°	1779
80°	1768
85°	1761

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 7474 cd/sqm



TEST NUMBER: P1260347  
 CATALOG NUMBER: P3AS17R309050DE010 E3DL1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	165.9	22.7
10°-20°	294.8	40.4
20°-30°	170.4	23.3
30°-40°	64.7	8.9
40°-50°	19.9	2.7
50°-60°	6.7	0.9
60°-70°	4.5	0.6
70°-80°	2.5	0.3
80°-90°	0.8	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°	631.1	86.4
0°-40°	695.7	95.3
0°-60°	722.3	98.9
0°-90°	730.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	730.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1943	
5°	1842	166
15°	1083	295
25°	359	170
35°	98	65
45°	24	20
55°	7	7
65°	5	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1260347

CATALOG NUMBER: P3AS17R309050DE010 E3DL1GPH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1942.6
1°	1941.2
2°	1929.5
3°	1907.4
4°	1879.9
5°	1841.9
6°	1793.7
7°	1739.9
8°	1679.9
9°	1608.2
10°	1531.6
11°	1448.9
12°	1361.3
13°	1269.6
14°	1176.5
15°	1083.4
17.5°	854.4
20°	653.7
22.5°	484.8
25°	358.6
27.5°	260.7
30°	190.3
32.5°	137.2
35°	97.9
37.5°	68.3
40°	48.3
42.5°	33.8
45°	24.1
47.5°	16.6
50°	11.7
52.5°	8.3
55°	6.9
57.5°	6.2
60°	5.5
62.5°	4.8
65°	4.8
67.5°	4.1
70°	3.4
72.5°	2.8
75°	2.1
77.5°	2.1
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0



TEST NUMBER: P1260347  
CATALOG NUMBER: P3AS17R309050DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)