

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: P1255047

Luminaire Tested: P3AS17R309035DE010 E3DL1WH

Issue Date: 1/30/2026

**Test Information**

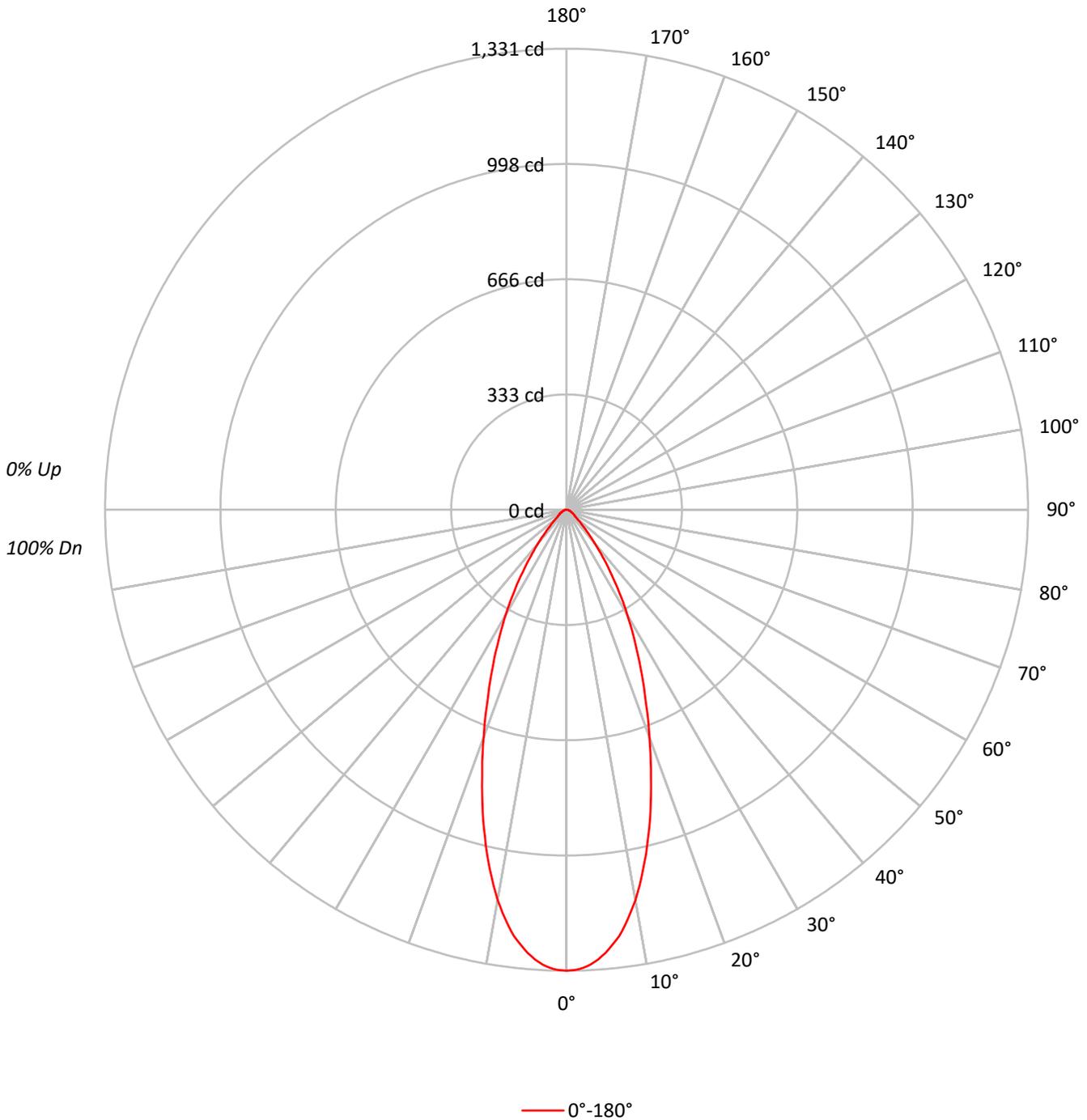
Test Method: LM-79-2019  
Report Number: P1255047  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R309035DE010 E3DL1WH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 854.0 lumens  
Efficiency: N/A  
Efficacy: 40.3 lumens/watt  
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7  
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: P1255047  
CATALOG NUMBER: P3AS17R309035DE010 E3DL1WH

### Luminous Intensity Polar Plot





TEST NUMBER: P1255047

CATALOG NUMBER: P3AS17R309035DE010 E3DL1WH

**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	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74	74	74	74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70	70	70	70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65	65	65	65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61	61	61	61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58	58	58	58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55	55	55	55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52	52	52	52

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

	0°
0°	291819
5°	282742
10°	254749
15°	210739
20°	163161
25°	122402
30°	88849
35°	59187
40°	36382
45°	21367
50°	13100
55°	10628
60°	9298
65°	7575
70°	6796
75°	6693
80°	5051
85°	6542

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 21367 cd/sqm



TEST NUMBER: P1255047  
 CATALOG NUMBER: P3AS17R309035DE010 E3DL1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	118.2	13.8
10°-20°	255.7	29.9
20°-30°	232.6	27.2
30°-40°	140.6	16.5
40°-50°	56.4	6.6
50°-60°	25.0	2.9
60°-70°	15.1	1.8
70°-80°	8.2	1.0
80°-90°	2.3	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°	606.4	71.0
0°-40°	747.0	87.5
0°-60°	828.4	97.0
0°-90°	854.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	854.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1331	
5°	1284	118
15°	928	256
25°	506	233
35°	221	141
45°	69	56
55°	28	25
65°	15	15
75°	8	8
85°	3	2
90°	0	



TEST NUMBER: P1255047  
CATALOG NUMBER: P3AS17R309035DE010 E3DL1WH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1330.8
1°	1329.5
2°	1324.2
3°	1315.0
4°	1301.7
5°	1284.5
6°	1263.3
7°	1240.8
8°	1211.7
9°	1178.6
10°	1144.1
11°	1104.4
12°	1062.0
13°	1019.7
14°	973.3
15°	928.3
17.5°	810.4
20°	699.2
22.5°	595.9
25°	505.9
27.5°	423.8
30°	350.9
32.5°	283.4
35°	221.1
37.5°	169.5
40°	127.1
42.5°	92.7
45°	68.9
47.5°	51.6
50°	38.4
52.5°	30.5
55°	27.8
57.5°	23.8
60°	21.2
62.5°	17.2
65°	14.6
67.5°	13.2
70°	10.6
72.5°	9.3
75°	7.9
77.5°	6.6
80°	4.0
82.5°	2.6
85°	2.6
87.5°	1.3



TEST NUMBER: P1255047  
CATALOG NUMBER: P3AS17R309035DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)