

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: P1272983

Luminaire Tested: P3AS02R309830DE010 E3DL1GPH

Issue Date: 1/30/2026

**Test Information**

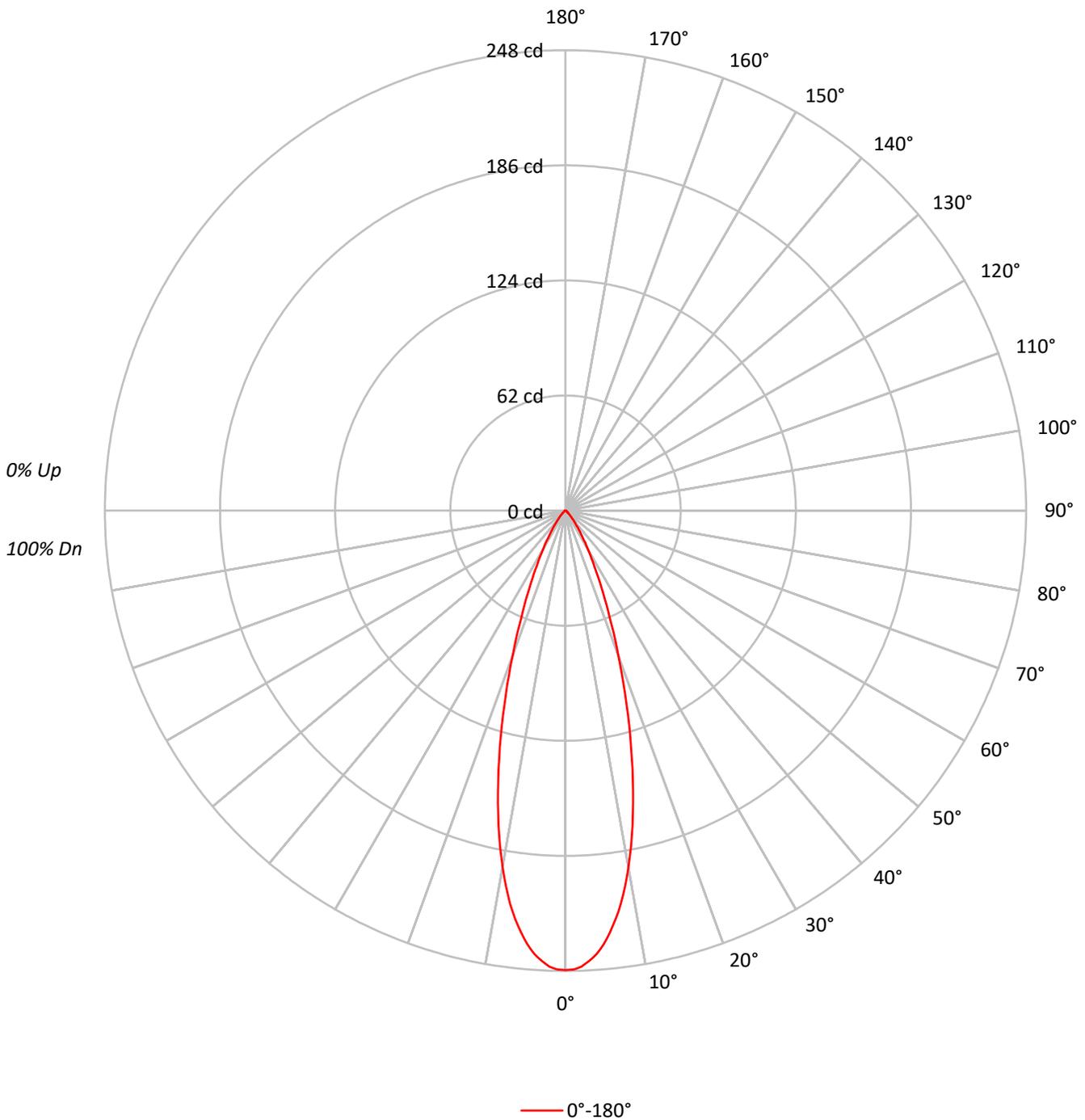
Test Method: LM-79-2019  
Report Number: P1272983  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309830DE010 E3DL1GPH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3DL1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 93.0 lumens  
Efficiency: N/A  
Efficacy: 25.8 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): 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: P1272983  
CATALOG NUMBER: P3AS02R309830DE010 E3DL1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1272983

CATALOG NUMBER: P3AS02R309830DE010 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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	95	92	103	98	94	91	96	93	90	94	91	89	91	89	87	86	91	89	87	86
4	101	95	90	86	99	94	89	86	92	88	85	90	87	84	88	85	83	82	88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	78	75	73	71	78	75	73	71
8	87	79	74	71	86	78	74	71	77	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	64	63	71	67	64	63

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

	0°
0°	54272
5°	51662
10°	43442
15°	31328
20°	19438
25°	11057
30°	6128
35°	3346
40°	1746
45°	961
50°	512
55°	344
60°	307
65°	311
70°	256
75°	254
80°	253
85°	252

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 961 cd/sqm



TEST NUMBER: P1272983

CATALOG NUMBER: P3AS02R309830DE010 E3DL1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.1	22.7
10°-20°	37.6	40.4
20°-30°	21.7	23.3
30°-40°	8.2	8.9
40°-50°	2.5	2.7
50°-60°	0.9	0.9
60°-70°	0.6	0.6
70°-80°	0.3	0.4
80°-90°	0.1	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°	80.4	86.4
0°-40°	88.6	95.3
0°-60°	92.0	98.9
0°-90°	93.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	93.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	248	
5°	235	21
15°	138	38
25°	46	22
35°	12	8
45°	3	3
55°	1	1
65°	1	1
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1272983  
CATALOG NUMBER: P3AS02R309830DE010 E3DL1GPH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	247.5
1°	247.3
2°	245.8
3°	243.0
4°	239.5
5°	234.7
6°	228.5
7°	221.7
8°	214.0
9°	204.9
10°	195.1
11°	184.6
12°	173.4
13°	161.7
14°	149.9
15°	138.0
17.5°	108.9
20°	83.3
22.5°	61.8
25°	45.7
27.5°	33.2
30°	24.2
32.5°	17.5
35°	12.5
37.5°	8.7
40°	6.1
42.5°	4.3
45°	3.1
47.5°	2.1
50°	1.5
52.5°	1.1
55°	0.9
57.5°	0.8
60°	0.7
62.5°	0.6
65°	0.6
67.5°	0.5
70°	0.4
72.5°	0.4
75°	0.3
77.5°	0.3
80°	0.2
82.5°	0.2
85°	0.1
87.5°	0.0



TEST NUMBER: P1272983  
CATALOG NUMBER: P3AS02R309830DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)