

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: P1253543

Luminaire Tested: P3AS02R409035DE010 E3DLD1GPH

Issue Date: 1/30/2026

**Test Information**

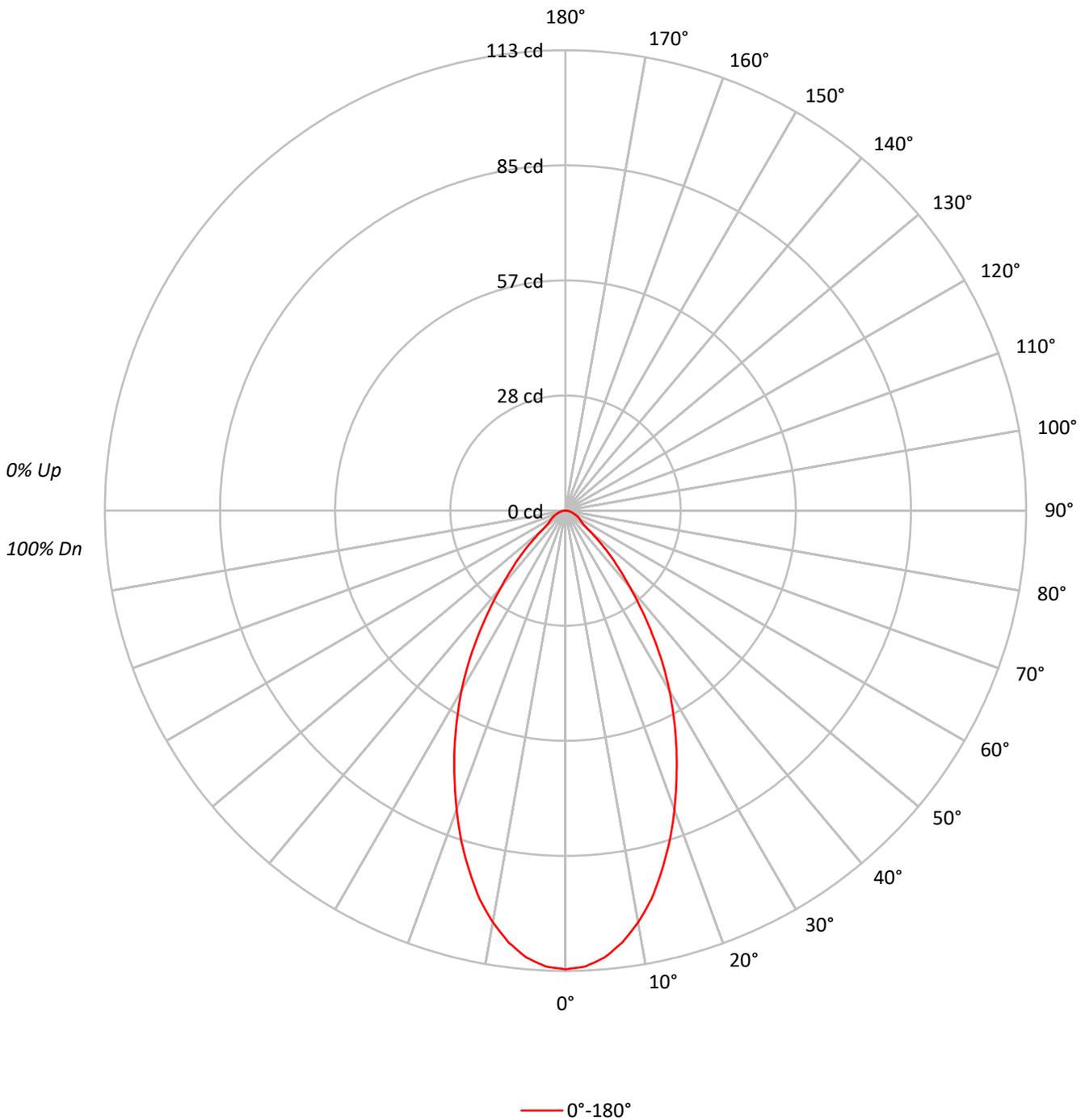
Test Method: LM-79-2019  
Report Number: P1253543  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R409035DE010 E3DLD1GPH  
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 109.9 lumens  
Efficiency: N/A  
Efficacy: 30.5 lumens/watt  
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88  
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: P1253543  
CATALOG NUMBER: P3AS02R409035DE010 E3DLD1GPH

### Luminous Intensity Polar Plot





TEST NUMBER: P1253543  
 CATALOG NUMBER: P3AS02R409035DE010 E3DLD1GPH

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				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
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

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

	0°
0°	24691
5°	24235
10°	22845
15°	20749
20°	18225
25°	15582
30°	12913
35°	9958
40°	7070
45°	4776
50°	2593
55°	1835
60°	1710
65°	1608
70°	1410
75°	1356
80°	1137
85°	1006

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 4776 cd/sqm



TEST NUMBER: P1253543  
 CATALOG NUMBER: P3AS02R409035DE010 E3DLD1GPH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	10.3	9.3
10°-20°	25.5	23.2
20°-30°	29.4	26.8
30°-40°	23.2	21.1
40°-50°	11.9	10.8
50°-60°	4.5	4.1
60°-70°	3.0	2.7
70°-80°	1.6	1.5
80°-90°	0.5	0.4
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°	65.2	59.3
0°-40°	88.4	80.4
0°-60°	104.8	95.4
0°-90°	109.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	109.9	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	113	
5°	110	10
15°	91	25
25°	64	29
35°	37	23
45°	15	12
55°	5	5
65°	3	3
75°	2	2
85°	0	0
90°	0	



TEST NUMBER: P1253543  
CATALOG NUMBER: P3AS02R409035DE010 E3DLD1GPH

**CANDELA DISTRIBUTION (FULL):**

	0°
0°	112.6
2.5°	112.0
5°	110.1
7.5°	106.9
10°	102.6
12.5°	97.6
15°	91.4
17.5°	85.0
20°	78.1
22.5°	71.1
25°	64.4
27.5°	57.6
30°	51.0
32.5°	44.2
35°	37.2
37.5°	30.6
40°	24.7
42.5°	19.7
45°	15.4
47.5°	11.2
50°	7.6
52.5°	5.5
55°	4.8
57.5°	4.3
60°	3.9
62.5°	3.4
65°	3.1
67.5°	2.6
70°	2.2
72.5°	1.8
75°	1.6
77.5°	1.2
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)