

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: P1275064

Luminaire Tested: P3AS02R309835DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

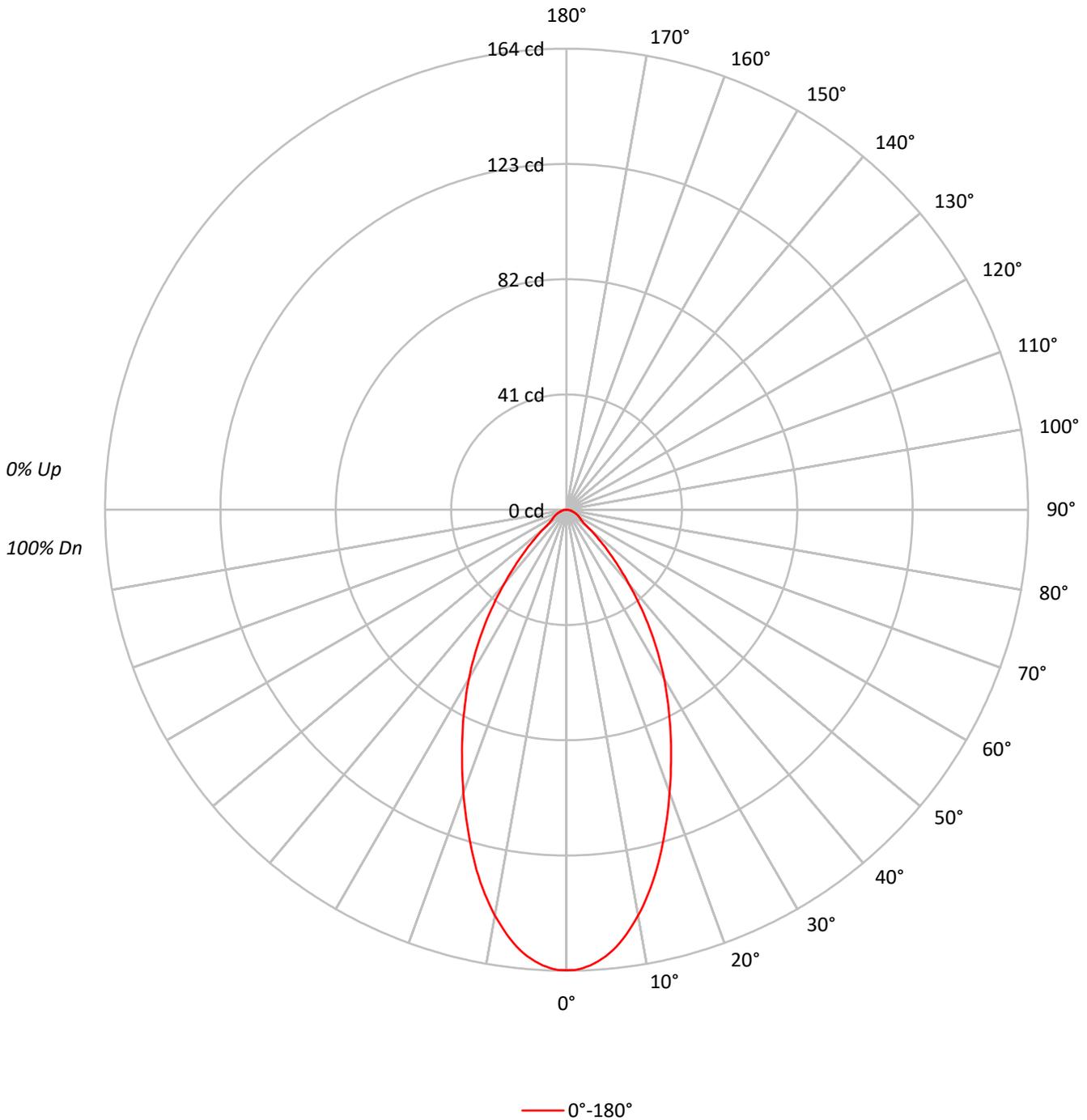
Test Method: LM-79-2019  
Report Number: P1275064  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R309835DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 152.0 lumens  
Efficiency: N/A  
Efficacy: 42.2 lumens/watt  
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85  
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: P1275064  
CATALOG NUMBER: P3AS02R309835DE010 E3DLD1WMH

### Luminous Intensity Polar Plot





TEST NUMBER: P1275064

CATALOG NUMBER: P3AS02R309835DE010 E3DLD1WMH

**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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91	91	91	91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83	83	83	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76	76	76	76
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70	70	70	70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64	64	64	64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51	51	51	51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48	48	48	48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45	45	45	45

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

	0°
0°	35918
5°	35109
10°	32642
15°	29058
20°	24992
25°	21171
30°	17572
35°	13786
40°	9876
45°	6481
50°	3684
55°	2409
60°	2281
65°	2127
70°	1923
75°	1779
80°	1642
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 6481 cd/sqm



TEST NUMBER: P1275064

CATALOG NUMBER: P3AS02R309835DE010 E3DLD1WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	14.8	9.7
10°-20°	35.6	23.4
20°-30°	40.1	26.4
30°-40°	32.0	21.1
40°-50°	16.4	10.8
50°-60°	6.2	4.1
60°-70°	4.1	2.7
70°-80°	2.2	1.4
80°-90°	0.6	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°	90.5	59.5
0°-40°	122.5	80.6
0°-60°	145.1	95.5
0°-90°	152.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	152.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	164	
5°	160	15
15°	128	36
25°	88	40
35°	52	32
45°	21	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1275064  
CATALOG NUMBER: P3AS02R309835DE010 E3DLD1WMH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	163.8
1°	163.8
2°	163.2
3°	162.3
4°	161.0
5°	159.5
6°	157.6
7°	155.2
8°	152.6
9°	149.6
10°	146.6
11°	143.2
12°	139.7
13°	136.0
14°	132.1
15°	128.0
17.5°	117.5
20°	107.1
22.5°	97.0
25°	87.5
27.5°	78.2
30°	69.4
32.5°	60.4
35°	51.5
37.5°	42.7
40°	34.5
42.5°	27.2
45°	20.9
47.5°	15.5
50°	10.8
52.5°	7.6
55°	6.3
57.5°	5.8
60°	5.2
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.0
72.5°	2.4
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.2



TEST NUMBER: P1275064  
CATALOG NUMBER: P3AS02R309835DE010 E3DLD1WMH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)