

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: P1258795

Luminaire Tested: P3AS02R209050DE010 E3DLD1WMH

Issue Date: 1/30/2026

**Test Information**

Test Method: LM-79-2019  
Report Number: P1258795  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS02R209050DE010 E3DLD1WMH  
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3DLD1WMH TRIM  
Light Source: -  
Ballast/Driver: -

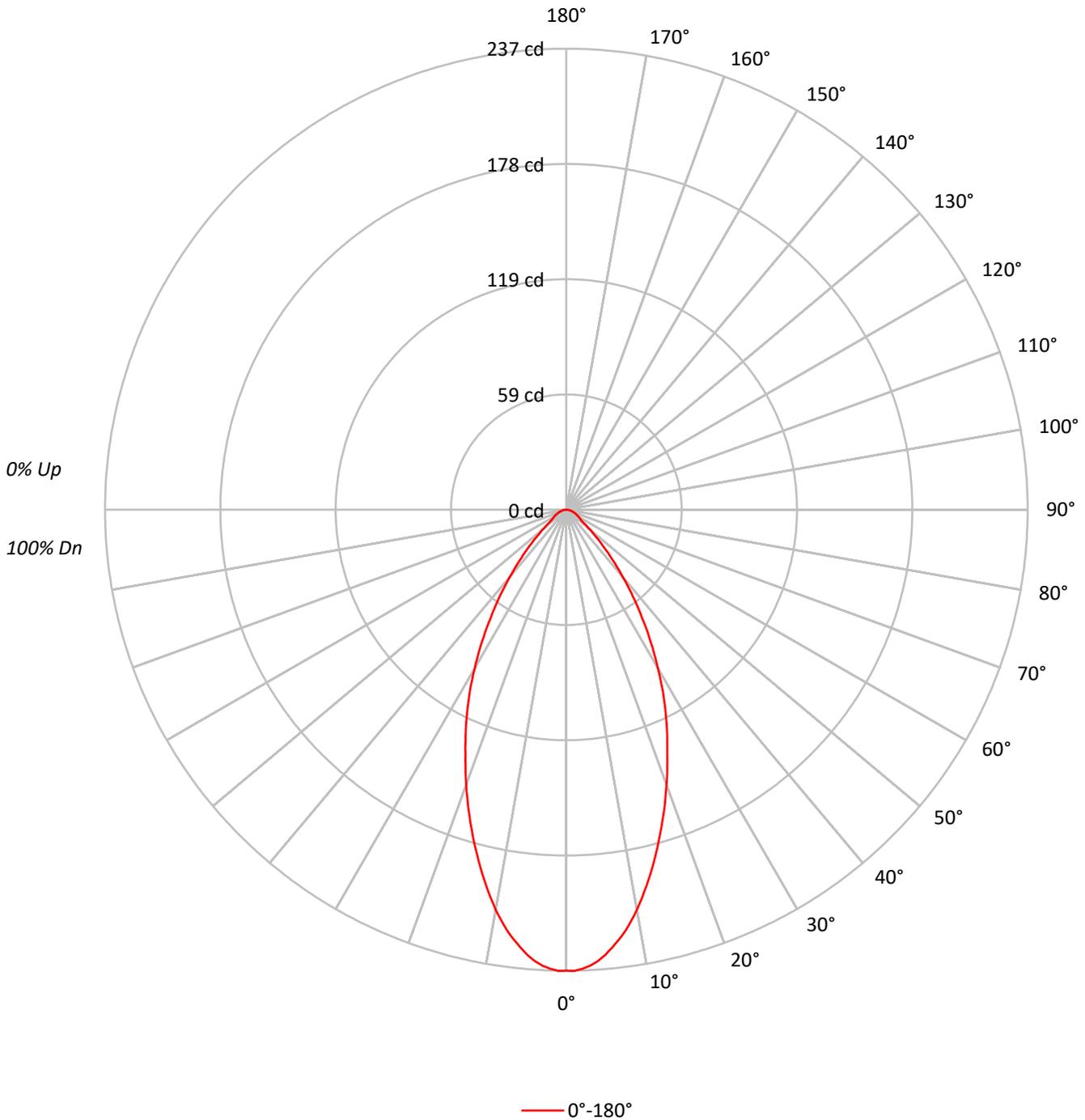
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 210.1 lumens  
Efficiency: N/A  
Efficacy: 58.4 lumens/watt  
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct

Input Watts (W): 3.6  
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: P1258795  
CATALOG NUMBER: P3AS02R209050DE010 E3DLD1WMH

### Luminous Intensity Polar Plot





TEST NUMBER: P1258795  
 CATALOG NUMBER: P3AS02R209050DE010 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
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83			83
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76			76
4	94	86	79	75	92	84	79	74	82	77	73	80	76	72	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	64			64
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60			60
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55			55
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52			52
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48			48
10	68	58	51	47	67	57	51	47	56	51	47	56	50	47	55	50	47	45			45

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

	0°
0°	51948
5°	50561
10°	46514
15°	40931
20°	35120
25°	29494
30°	23852
35°	18150
40°	12910
45°	8528
50°	5288
55°	3479
60°	3158
65°	2906
70°	2757
75°	2457
80°	2399
85°	2013

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8528 cd/sqm



TEST NUMBER: P1258795

CATALOG NUMBER: P3AS02R209050DE010 E3DLD1WMH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	21.2	10.1
10°-20°	50.2	23.9
20°-30°	55.7	26.5
30°-40°	42.5	20.2
40°-50°	21.8	10.4
50°-60°	9.0	4.3
60°-70°	5.6	2.7
70°-80°	3.1	1.5
80°-90°	0.9	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°	127.2	60.5
0°-40°	169.7	80.8
0°-60°	200.4	95.4
0°-90°	210.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	210.1	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	237	
5°	230	21
15°	180	50
25°	122	56
35°	68	43
45°	28	22
55°	9	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1258795  
CATALOG NUMBER: P3AS02R209050DE010 E3DLD1WMH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	236.9
1°	237.1
2°	236.1
3°	234.7
4°	232.6
5°	229.7
6°	226.2
7°	222.5
8°	218.5
9°	213.7
10°	208.9
12.5°	195.0
15°	180.3
17.5°	165.4
20°	150.5
22.5°	135.5
25°	121.9
27.5°	108.3
30°	94.2
32.5°	80.8
35°	67.8
37.5°	56.3
40°	45.1
42.5°	35.5
45°	27.5
47.5°	20.8
50°	15.5
52.5°	11.5
55°	9.1
57.5°	8.3
60°	7.2
62.5°	6.4
65°	5.6
67.5°	4.8
70°	4.3
72.5°	3.5
75°	2.9
77.5°	2.4
80°	1.9
82.5°	1.3
85°	0.8
87.5°	0.3
90°	0.0

(END OF REPORT)