

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: P1299547

Luminaire Tested: P3AS17R20W2N902750DE010 E3DLD1LI\_4000K

Issue Date: 1/30/2026

**Test Information**

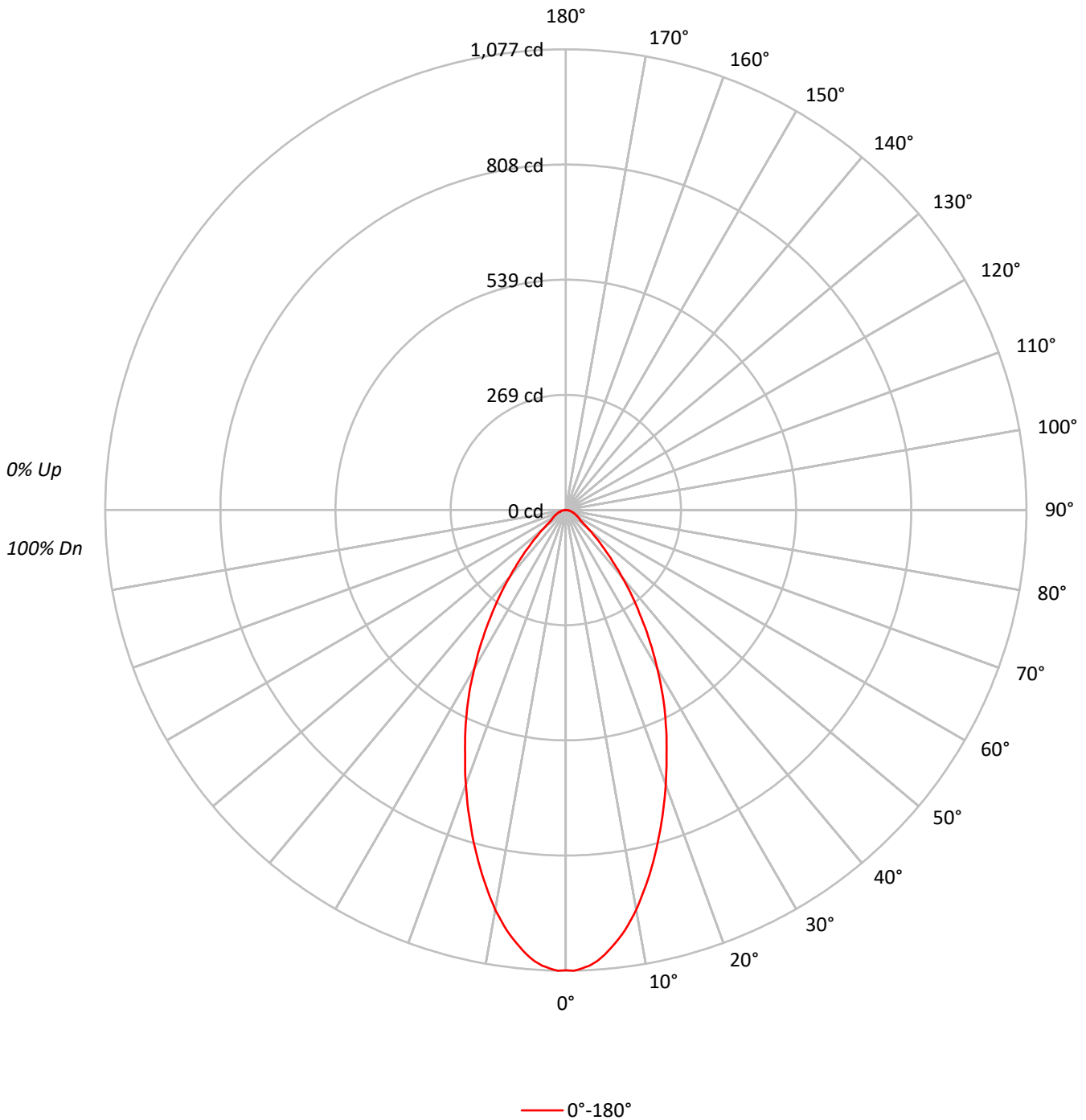
Test Method: LM-79-2019  
Report Number: P1299547  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS17R20W2N902750DE010 E3DLD1LI\_4000K  
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 90CRI ,  
E3DLD1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 954.0 lumens  
Efficiency: N/A  
Efficacy: 49.2 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): 19.4  
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

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### Luminous Intensity Polar Plot





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

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

	0°
0°	235968
5°	229671
10°	211285
15°	185972
20°	159497
25°	133992
30°	108320
35°	82396
40°	58624
45°	38702
50°	23982
55°	15751
60°	14341
65°	13179
70°	12438
75°	11268
80°	10734
85°	9057

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 38702 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	96.5	10.1
10°-20°	228.1	23.9
20°-30°	253.1	26.5
30°-40°	193.1	20.2
40°-50°	98.9	10.4
50°-60°	40.6	4.3
60°-70°	25.3	2.7
70°-80°	14.2	1.5
80°-90°	4.1	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°	577.7	60.6
0°-40°	770.8	80.8
0°-60°	910.3	95.4
0°-90°	954.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	954.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	1076	
5°	1043	97
15°	819	228
25°	554	253
35°	308	193
45°	125	99
55°	41	41
65°	25	25
75°	13	14
85°	4	4
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	1076.1
1°	1077.3
2°	1072.5
3°	1066.4
4°	1056.7
5°	1043.4
6°	1027.6
7°	1010.7
8°	992.5
9°	970.7
10°	948.9
12.5°	885.9
15°	819.2
17.5°	751.3
20°	683.5
22.5°	615.6
25°	553.8
27.5°	492.0
30°	427.8
32.5°	367.2
35°	307.8
37.5°	255.7
40°	204.8
42.5°	161.2
45°	124.8
47.5°	94.5
50°	70.3
52.5°	52.1
55°	41.2
57.5°	37.6
60°	32.7
62.5°	29.1
65°	25.4
67.5°	21.8
70°	19.4
72.5°	15.8
75°	13.3
77.5°	10.9
80°	8.5
82.5°	6.1
85°	3.6
87.5°	1.2
90°	0.0

(END OF REPORT)