

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: P1284466

Luminaire Tested: P3AS13R20B2750DE010 E3D1LI\_5000K

Issue Date: 1/29/2026

**Test Information**

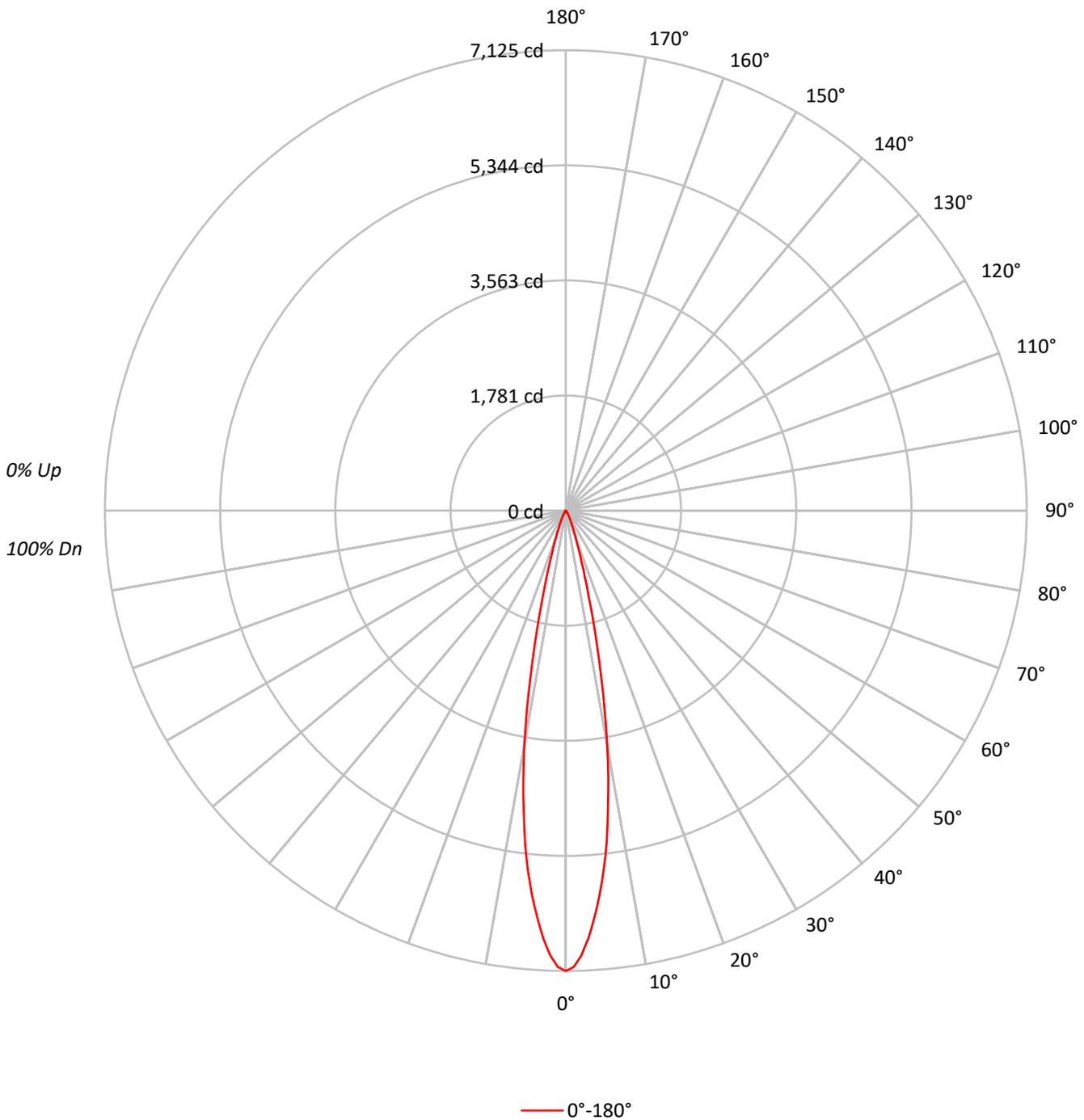
Test Method: LM-79-2019  
Report Number: P1284466  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-8)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R20B2750DE010 E3D1LI\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 80CRI , E3D1LI TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1030.0 lumens  
Efficiency: N/A  
Efficacy: 53.9 lumens/watt  
Spacing Criteria (0/90/45): 0.35 / 0.35 / 0.34  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.1  
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

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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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	115	114	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99		97
2	112	109	106	104	110	107	105	103	104	102	101	101	100	98	99	98	96		95
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94		93
4	106	101	98	95	105	100	97	95	99	96	94	97	95	93	95	93	92		91
5	104	98	95	92	102	98	94	92	96	93	91	95	92	90	93	91	90		89
6	101	96	92	89	100	95	92	89	94	91	89	93	90	88	92	89	88		87
7	99	93	90	87	98	93	89	87	92	89	86	91	88	86	90	87	86		85
8	97	91	87	85	96	91	87	85	90	87	85	89	86	84	88	86	84		83
9	95	89	85	83	94	89	85	83	88	85	83	87	84	83	87	84	82		81
10	93	87	84	81	92	87	83	81	86	83	81	86	83	81	85	83	81		80

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

	0°
0°	1562419
5°	1315493
10°	821650
15°	307175
20°	105429
25°	43938
30°	20712
35°	9262
40°	4380
45°	2233
50°	819
55°	153
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 2233 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	497.0	48.3
10°-20°	409.4	39.7
20°-30°	93.0	9.0
30°-40°	23.7	2.3
40°-50°	5.9	0.6
50°-60°	0.7	0.1
60°-70°	0.2	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	999.4	97.0
0°-40°	1023.0	99.3
0°-60°	1029.7	100.0
0°-90°	1030.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1030.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	7125	
5°	5976	497
15°	1353	409
25°	182	93
35°	35	24
45°	7	6
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	7125.2
1°	7064.8
2°	6886.8
3°	6631.5
4°	6318.2
5°	5976.3
6°	5595.3
7°	5174.9
8°	4684.4
9°	4198.3
10°	3690.1
11°	3149.2
12°	2609.2
13°	2151.7
14°	1714.4
15°	1353.1
16°	1068.0
17°	842.5
18°	677.0
19°	550.5
20°	451.8
21°	377.7
22°	315.3
23°	262.2
24°	218.7
25°	181.6
27.5°	118.8
30°	81.8
32.5°	50.3
35°	34.6
37.5°	22.1
40°	15.3
42.5°	10.5
45°	7.2
47.5°	4.8
50°	2.4
52.5°	1.2
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.0
70°	0.0
72.5°	0.0



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**CANDELA DISTRIBUTION (continued):**

	0°
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)