

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: P1285051

Luminaire Tested: P3AS13R40B2750DE010 E3D1H\_5000K

Issue Date: 1/29/2026

**Test Information**

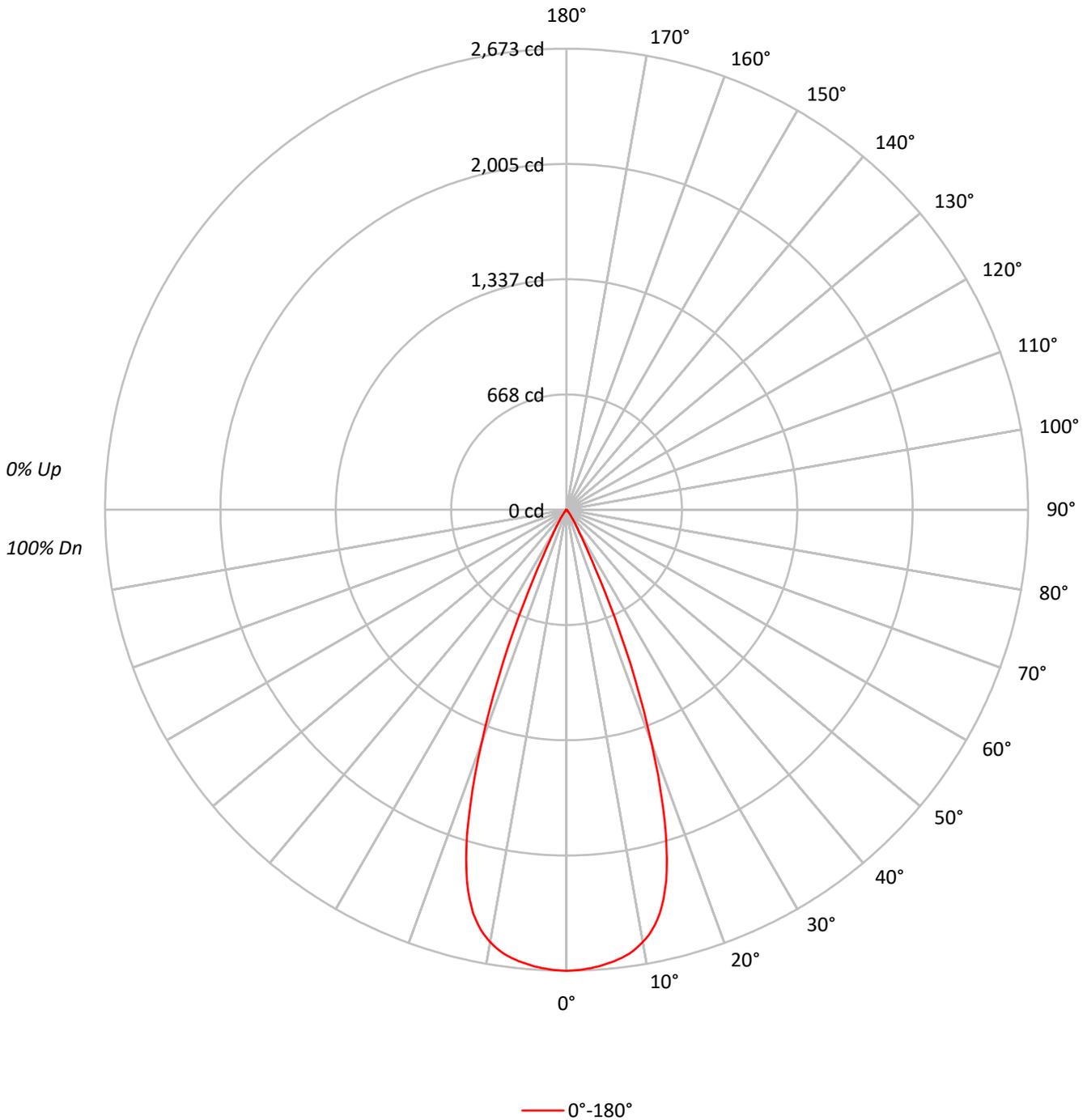
Test Method: LM-79-2019  
Report Number: P1285051  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-12)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/29/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R40B2750DE010 E3D1H\_5000K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3D1H TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1150.0 lumens  
Efficiency: N/A  
Efficacy: 60.2 lumens/watt  
Spacing Criteria (0/90/45): 0.7 / 0.7 / 0.6  
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	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	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	96			
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	92			
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	93	91	90	88			
4	103	97	93	90	101	96	92	89	94	91	88	92	89	87	90	88	86	85			
5	99	93	89	85	98	92	88	85	91	87	84	89	86	84	88	85	83	82			
6	96	89	85	81	95	89	84	81	87	83	81	86	83	80	85	82	80	79			
7	93	86	81	78	92	85	81	78	84	80	77	83	80	77	82	79	77	76			
8	90	83	78	75	89	82	78	75	81	77	75	80	77	74	79	76	74	73			
9	87	80	75	72	86	79	75	72	78	75	72	78	74	72	77	74	71	70			
10	84	77	72	70	83	77	72	69	76	72	69	75	72	69	74	71	69	68			

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

	0°
0°	586181
5°	581949
10°	566723
15°	506223
20°	335679
25°	125741
30°	33651
35°	13144
40°	4723
45°	2233
50°	682
55°	306
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°	249.5	21.7
10°-20°	590.9	51.4
20°-30°	268.0	23.3
30°-40°	34.7	3.0
40°-50°	6.0	0.5
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°	1108.3	96.4
0°-40°	1143.0	99.4
0°-60°	1149.7	100.0
0°-90°	1150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1150.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2673	
5°	2644	249
15°	2230	591
25°	520	268
35°	49	35
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2673.2
1°	2671.6
2°	2667.6
3°	2661.5
4°	2653.9
5°	2643.8
6°	2632.1
7°	2617.6
8°	2599.9
9°	2575.8
10°	2545.2
11°	2509.3
12°	2461.4
13°	2402.3
14°	2325.0
15°	2229.9
16°	2108.8
17°	1970.7
18°	1804.8
19°	1629.7
20°	1438.5
21°	1247.2
22°	1058.8
23°	871.2
24°	686.8
25°	519.7
26°	384.9
27°	281.8
28°	211.8
29°	164.7
30°	132.9
31°	109.9
32°	91.8
32.5°	83.7
33°	75.7
34°	61.6
35°	49.1
36°	38.6
37°	30.6
37.5°	27.4
38°	24.2
39°	20.1
40°	16.5
42.5°	10.9
45°	7.2



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**CANDELA DISTRIBUTION (continued):**

	0°
47.5°	4.4
50°	2.0
52.5°	0.8
55°	0.8
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
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)