

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: P1284732

Luminaire Tested: P3AS13R30B2750DE010 E3CD1MB\_2700K

Issue Date: 1/30/2026

**Test Information**

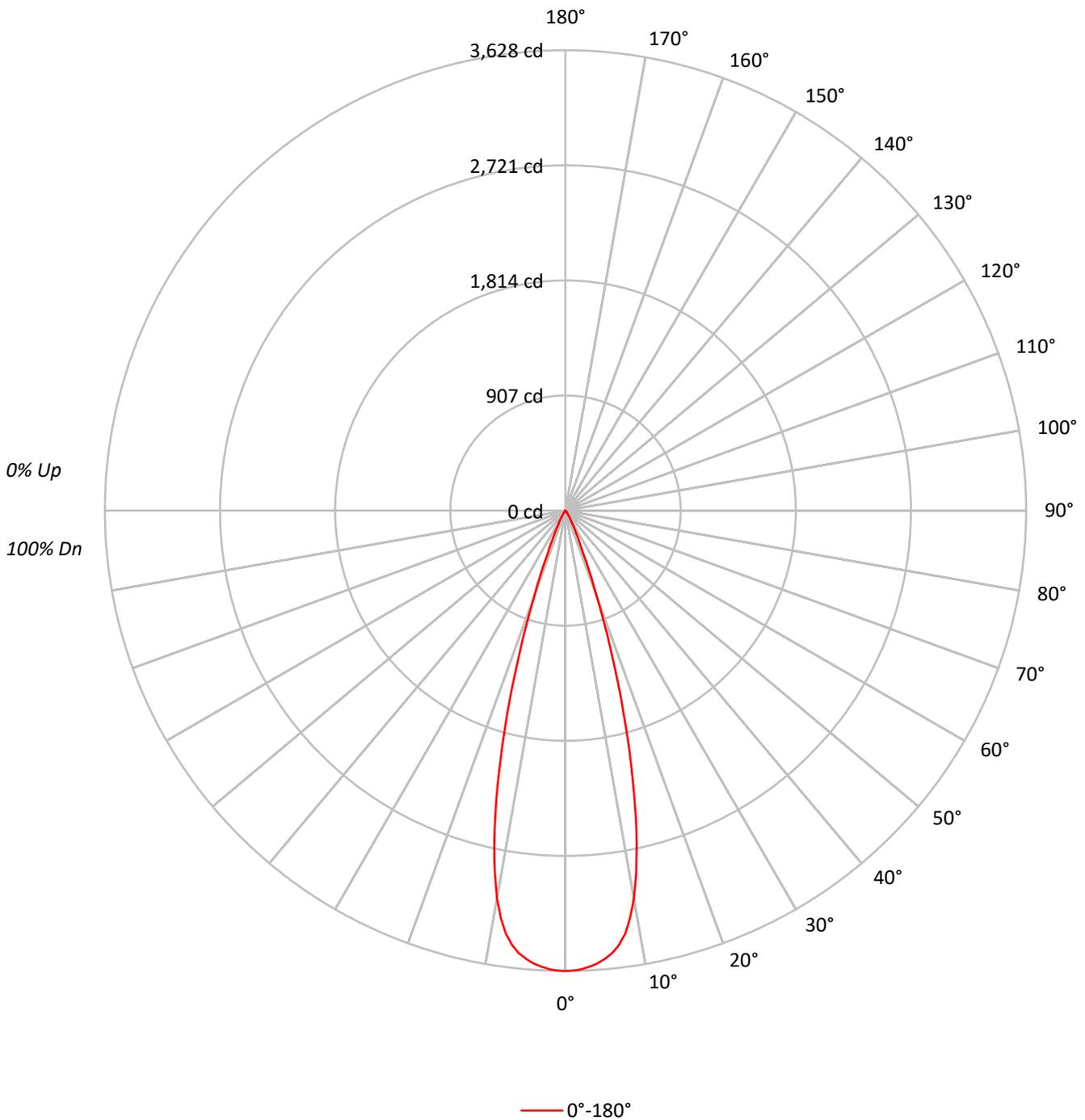
Test Method: LM-79-2019  
Report Number: P1284732  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R30B2750DE010 E3CD1MB\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3CD1MB TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 977.0 lumens  
Efficiency: N/A  
Efficacy: 51.2 lumens/watt  
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47  
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	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98		97
2	111	108	105	102	109	106	104	101	103	101	99	100	99	97	98	96	95		94
3	108	103	100	97	106	102	99	96	100	97	95	97	95	93	95	94	92		91
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89		88
5	102	96	92	89	100	95	91	89	94	90	88	92	89	87	91	88	87		85
6	99	93	89	86	98	92	88	86	91	88	85	90	87	85	89	86	84		83
7	96	90	86	83	95	89	86	83	88	85	82	87	84	82	86	84	82		81
8	94	87	83	81	93	87	83	80	86	83	80	85	82	80	84	82	80		79
9	91	85	81	78	90	84	81	78	84	80	78	83	80	78	82	79	77		77
10	89	83	79	76	88	82	78	76	82	78	76	81	78	76	80	77	75		75

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

	0°
0°	795616
5°	780561
10°	691014
15°	437800
20°	166171
25°	49213
30°	19421
35°	5970
40°	2634
45°	961
50°	785
55°	573
60°	658
65°	778
70°	513
75°	678
80°	1010
85°	0

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 80°  
 Luminance: 1010 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	326.0	33.4
10°-20°	508.0	52.0
20°-30°	118.0	12.1
30°-40°	18.3	1.9
40°-50°	3.1	0.3
50°-60°	1.4	0.1
60°-70°	1.2	0.1
70°-80°	0.8	0.1
80°-90°	0.1	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°	952.0	97.4
0°-40°	970.3	99.3
0°-60°	974.8	99.8
0°-90°	977.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	977.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	3628	
5°	3546	326
15°	1928	508
25°	203	118
35°	22	18
45°	3	3
55°	2	1
65°	2	1
75°	1	1
85°	0	0
90°	0	



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**CANDELA DISTRIBUTION (FULL):**

0°	
0°	3628.3
1°	3626.0
2°	3616.0
3°	3599.1
4°	3577.6
5°	3546.1
6°	3507.0
7°	3448.7
8°	3368.9
9°	3251.5
10°	3103.4
11°	2912.3
12°	2696.6
13°	2457.2
14°	2194.0
15°	1928.5
17.5°	1261.6
20°	712.1
22.5°	363.7
25°	203.4
27.5°	125.1
30°	76.7
32.5°	41.4
35°	22.3
37.5°	14.6
40°	9.2
42.5°	5.4
45°	3.1
47.5°	2.3
50°	2.3
52.5°	1.5
55°	1.5
57.5°	1.5
60°	1.5
62.5°	1.5
65°	1.5
67.5°	0.8
70°	0.8
72.5°	0.8
75°	0.8
77.5°	0.8
80°	0.8
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)