

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: P1284770

Luminaire Tested: P3AS13R30B2750DE010 E3D1WMH_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284770
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3D1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

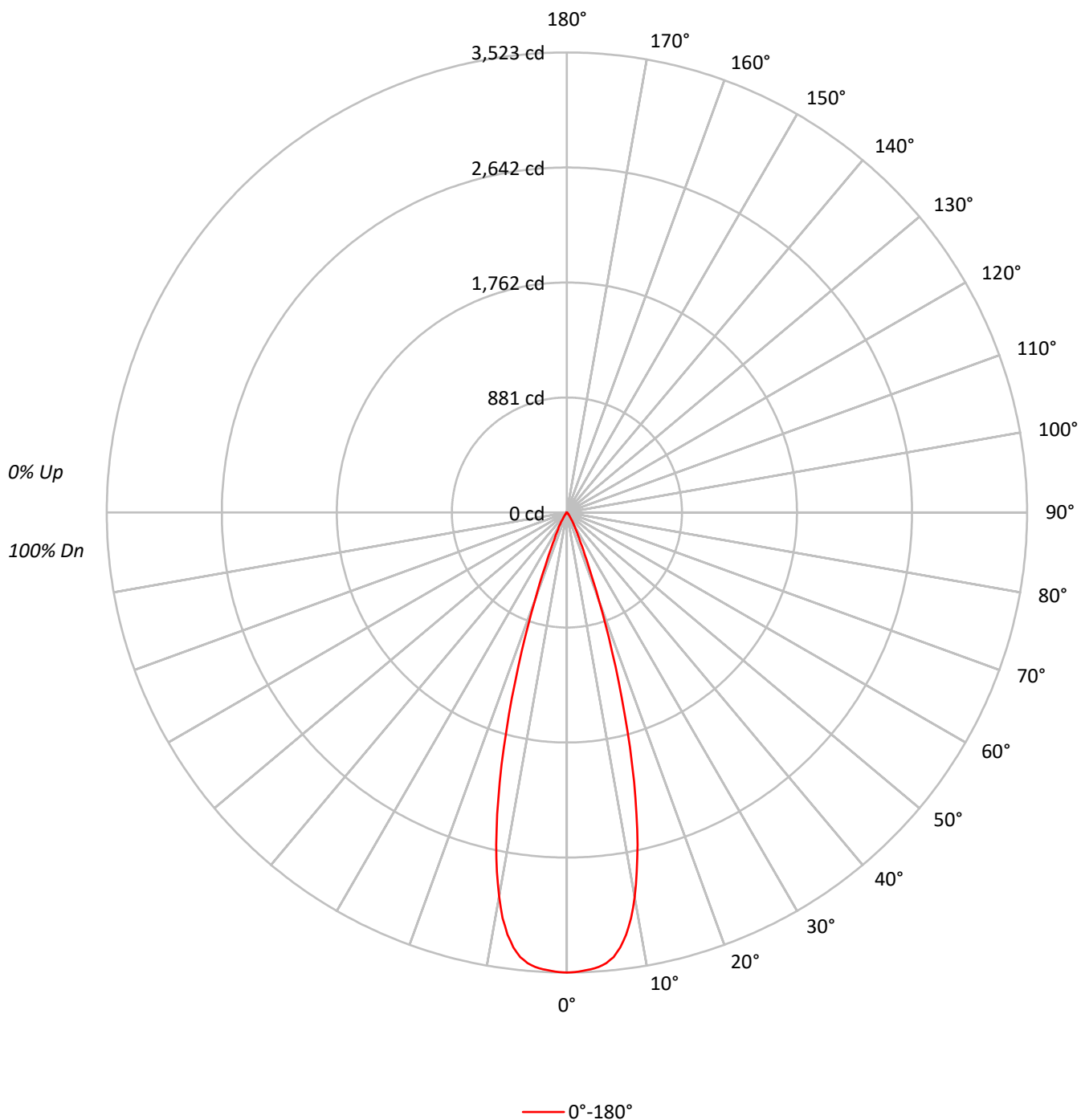
Lumens per Lamp: N/A
Luminaire Lumens: 971.0 lumens
Efficiency: N/A
Efficacy: 50.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	103	101	103	101	99		100	98	97		97	96	95		94
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95	93	92		90
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93	91	89		88
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90	88	86		85
6	99	92	88	85	97	92	88	85	90	87	84		89	86	84		88	85	83		82
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86	83	81		80
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84	81	79		78
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82	79	77		76
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80	77	75		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	772548
5°	762490
10°	665719
15°	423135
20°	167641
25°	55987
30°	26055
35°	11805
40°	4523
45°	2233
50°	648
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°	316.7	32.6
10°-20°	491.1	50.6
20°-30°	126.6	13.0
30°-40°	29.7	3.1
40°-50°	5.8	0.6
50°-60°	0.7	0.1
60°-70°	0.3	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°	934.5	96.2
0°-40°	964.2	99.3
0°-60°	970.7	100.0
0°-90°	971.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	971.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3523	
5°	3464	317
15°	1864	491
25°	231	127
35°	44	30
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°	3523.1
1°	3520.5
2°	3512.2
3°	3502.8
4°	3488.8
5°	3464.0
6°	3423.6
7°	3356.5
8°	3264.9
9°	3145.5
10°	2989.8
11°	2804.7
12°	2602.7
13°	2370.1
14°	2126.6
15°	1863.9
16°	1606.5
17°	1358.4
18°	1120.6
19°	902.4
20°	718.4
21°	565.4
22°	444.8
23°	352.1
24°	281.9
25°	231.4
26°	193.0
27°	164.0
28°	141.7
29°	121.4
30°	102.9
32.5°	64.8
35°	44.1
37.5°	27.5
40°	15.8
42.5°	10.6
45°	7.2
47.5°	4.1
50°	1.9
52.5°	0.8
55°	0.8
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4



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CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.4
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)