

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: P1285483

Luminaire Tested: P3AS13R55B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285483
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R55B2750DE010 E3D1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

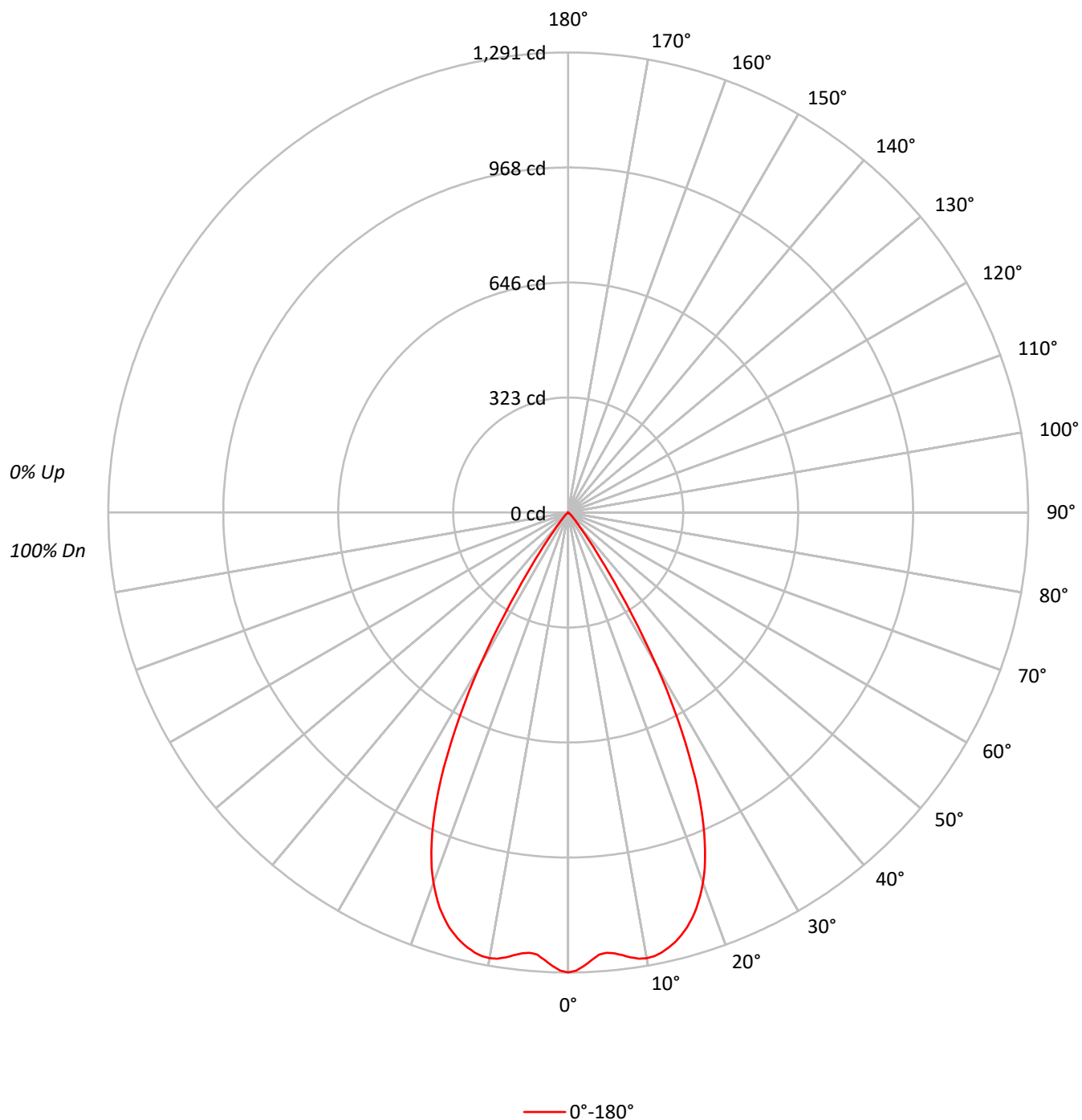
Lumens per Lamp: N/A
Luminaire Lumens: 976.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.93 / 0.93 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102	102	102	102	102	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	96	96	96	96	96	96	96	96	96	96	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	91	91	91	91	91	91	91	91	91	91	91	89
3	104	98	94	90	102	97	93	90	95	91	88	92	89	87	90	88	86	86	86	86	86	86	86	86	86	86	86	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	84	82	86	83	81	81	81	81	81	81	81	81	81	81	81	81	79
5	95	88	82	79	94	87	82	78	85	81	78	84	80	77	82	79	76	76	76	76	76	76	76	76	76	76	76	76	75
6	91	83	78	74	90	82	77	74	81	76	73	80	76	73	78	75	72	72	72	72	72	72	72	72	72	72	72	72	71
7	87	79	73	70	86	78	73	69	77	72	69	76	72	69	75	71	68	68	68	68	68	68	68	68	68	68	68	68	67
8	83	75	69	66	82	74	69	65	73	69	65	72	68	65	71	68	65	65	65	65	65	65	65	65	65	65	65	65	63
9	80	71	66	62	79	71	66	62	70	65	62	69	65	62	68	64	61	61	61	61	61	61	61	61	61	61	61	61	60
10	77	68	62	59	76	67	62	59	67	62	59	66	62	59	65	61	58	58	58	58	58	58	58	58	58	58	58	58	57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	283026
5°	273013
10°	282783
15°	278798
20°	258019
25°	208681
30°	125057
35°	42376
40°	11679
45°	5179
50°	1501
55°	268
60°	175
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5179 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	120.0	12.3
10°-20°	341.9	35.0
20°-30°	380.1	38.9
30°-40°	118.3	12.1
40°-50°	14.2	1.5
50°-60°	1.1	0.1
60°-70°	0.4	0.0
70°-80°	0.1	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°	842.0	86.3
0°-40°	960.3	98.4
0°-60°	975.6	100.0
0°-90°	976.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	976.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1291	
5°	1240	120
15°	1228	342
25°	862	380
35°	158	118
45°	17	14
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1290.7
1°	1285.9
2°	1273.3
3°	1257.7
4°	1243.6
5°	1240.3
6°	1244.0
7°	1251.8
8°	1260.7
9°	1267.7
10°	1270.0
11°	1268.5
12°	1262.5
13°	1253.3
14°	1242.5
15°	1228.1
16°	1211.4
17°	1190.2
18°	1166.5
19°	1138.0
20°	1105.7
21°	1069.0
22°	1025.6
23°	977.8
24°	922.9
25°	862.5
26°	796.1
27°	725.6
28°	650.4
29°	572.9
30°	493.9
31°	414.5
32°	337.0
32.5°	302.6
33°	267.0
34°	206.5
35°	158.3
36°	120.5
37°	89.4
37.5°	76.4
38°	66.4
39°	50.4
40°	40.8
42.5°	26.0
45°	16.7



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.0
50°	4.4
52.5°	1.5
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4
67.5°	0.4
70°	0.4
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)