

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: P1285338

Luminaire Tested: P3AS13R50B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285338
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3D1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

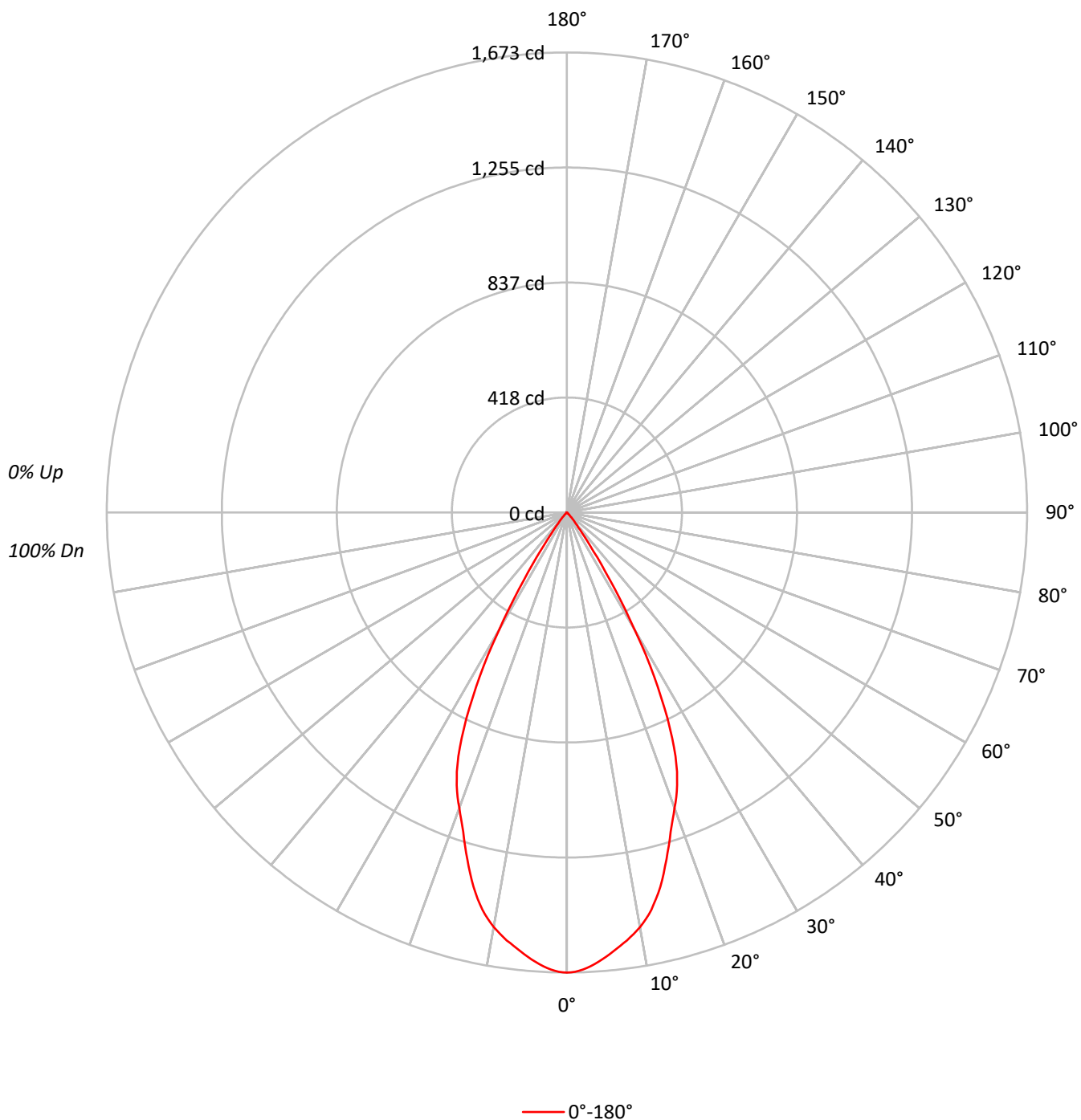
Lumens per Lamp: N/A
Luminaire Lumens: 1050.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1285338

CATALOG NUMBER: P3AS13R50B2750DE010 E3D1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285338

CATALOG NUMBER: P3AS13R50B2750DE010 E3D1WMH_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	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	100
1	114	112	109	107	112	110	108	106	105	104	102	102	101	99	98	97	97	97	97	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	91	91	90
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	86	86	85
4	100	94	89	85	99	92	88	85	90	87	84	88	85	83	87	84	82	82	82	80
5	96	89	84	80	94	88	83	79	86	82	79	84	81	78	83	80	77	77	77	76
6	92	84	79	75	91	83	78	75	82	78	74	81	77	74	79	76	73	73	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	70	70	68
8	84	76	71	67	83	76	71	67	75	70	67	74	69	66	73	69	66	66	66	65
9	81	73	67	64	80	72	67	64	71	67	63	70	66	63	70	66	63	63	63	62
10	78	69	64	61	77	69	64	61	68	64	60	67	63	60	67	63	60	60	60	59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	366922
5°	357164
10°	340831
15°	308560
20°	266957
25°	218964
30°	125792
35°	39083
40°	10505
45°	3690
50°	887
55°	268
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3690 cd/sqm

TEST NUMBER: P1285338

CATALOG NUMBER: P3AS13R50B2750DE010 E3D1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	152.0	14.5
10°-20°	376.6	35.9
20°-30°	395.8	37.7
30°-40°	113.3	10.8
40°-50°	11.1	1.1
50°-60°	0.9	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°	924.4	88.0
0°-40°	1037.7	98.8
0°-60°	1049.7	100.0
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1673	
5°	1623	152
15°	1359	377
25°	905	396
35°	146	113
45°	12	11
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1285338

CATALOG NUMBER: P3AS13R50B2750DE010 E3D1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1673.3
1°	1670.8
2°	1663.3
3°	1652.6
4°	1638.2
5°	1622.6
6°	1605.9
7°	1588.1
8°	1571.5
9°	1552.2
10°	1530.7
11°	1505.9
12°	1477.4
13°	1441.8
14°	1403.3
15°	1359.2
16°	1312.5
17°	1267.3
18°	1221.0
19°	1180.3
20°	1144.0
21°	1109.1
22°	1069.5
23°	1023.9
24°	970.6
25°	905.0
26°	833.9
27°	754.6
28°	675.7
29°	590.5
30°	496.8
31°	409.0
32°	328.2
32.5°	293.0
33°	257.5
34°	197.5
35°	146.0
36°	107.1
37°	79.6
37.5°	68.9
38°	59.6
39°	46.3
40°	36.7
42.5°	20.7
45°	11.9



TEST NUMBER: P1285338

CATALOG NUMBER: P3AS13R50B2750DE010 E3D1WMH_3000K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.7
50°	2.6
52.5°	1.1
55°	0.7
57.5°	0.7
60°	0.4
62.5°	0.4
65°	0.4
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)