

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: P1284768

Luminaire Tested: P3AS13R30B2750DE010 E3D1WMH_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284768
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

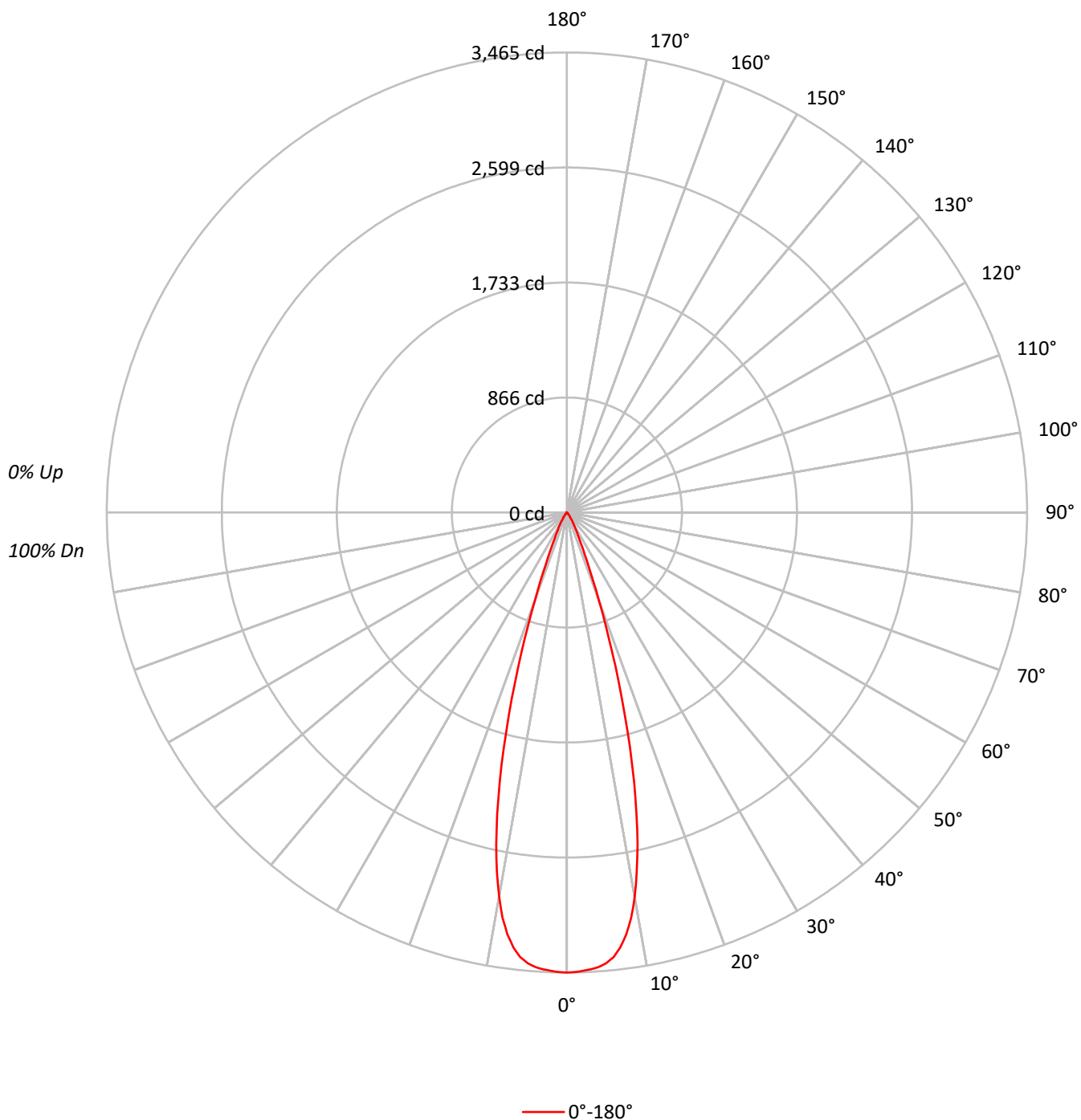
Lumens per Lamp: N/A
Luminaire Lumens: 955.0 lumens
Efficiency: N/A
Efficacy: 50.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1284768

CATALOG NUMBER: P3AS13R30B2750DE010 E3D1WMH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1284768

CATALOG NUMBER: P3AS13R30B2750DE010 E3D1WMH_3000K

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	100	99	98	97	96	95	94	93	92	91	90	88
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95	94	93	92	91	90	89	88	87	86
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	91	90	89	88	87	86	85	84	83	82	81	80
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88	87	86	85	84	83	82	81	80	79	78	77
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83	82	81	80	79	78	77	76	75	74
6	99	92	88	85	97	92	88	85	90	87	84	89	86	84	88	85	83	82	81	80	79	78	77	76	75	74	73	72	71
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80	79	78	77	76	75	74	73	72	71	70	69
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78	77	76	75	74	73	72	71	70	69	68	67
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76	75	74	73	72	71	70	69	68	67	66	65
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74	73	72	71	70	69	68	67	66	65	64	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	759829
5°	749921
10°	654742
15°	416166
20°	164888
25°	55068
30°	25624
35°	11618
40°	4466
45°	2171
50°	648
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: 2171 cd/sqm

TEST NUMBER: P1284768

CATALOG NUMBER: P3AS13R30B2750DE010 E3D1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	311.5	32.6
10°-20°	483.0	50.6
20°-30°	124.5	13.0
30°-40°	29.3	3.1
40°-50°	5.7	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°	919.1	96.2
0°-40°	948.3	99.3
0°-60°	954.7	100.0
0°-90°	955.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	955.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3465	
5°	3407	311
15°	1833	483
25°	228	125
35°	43	29
45°	7	6
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1284768

CATALOG NUMBER: P3AS13R30B2750DE010 E3D1WMH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	3465.1
1°	3462.5
2°	3454.3
3°	3445.1
4°	3431.4
5°	3406.9
6°	3367.2
7°	3301.2
8°	3211.1
9°	3093.6
10°	2940.5
11°	2758.5
12°	2559.8
13°	2331.1
14°	2091.6
15°	1833.2
16°	1580.0
17°	1336.1
18°	1102.1
19°	887.5
20°	706.6
21°	556.1
22°	437.4
23°	346.2
24°	277.3
25°	227.6
26°	189.8
27°	161.3
28°	139.4
29°	119.4
30°	101.2
32.5°	63.8
35°	43.4
37.5°	27.1
40°	15.6
42.5°	10.4
45°	7.0
47.5°	4.1
50°	1.9
52.5°	0.7
55°	0.7
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4



TEST NUMBER: P1284768

CATALOG NUMBER: P3AS13R30B2750DE010 E3D1WMH_3000K

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)