

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: P1296311

Luminaire Tested: P3A13R30W2N902750DE010 E3CB1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296311
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: P3A13R30W2N902750DE010 E3CB1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

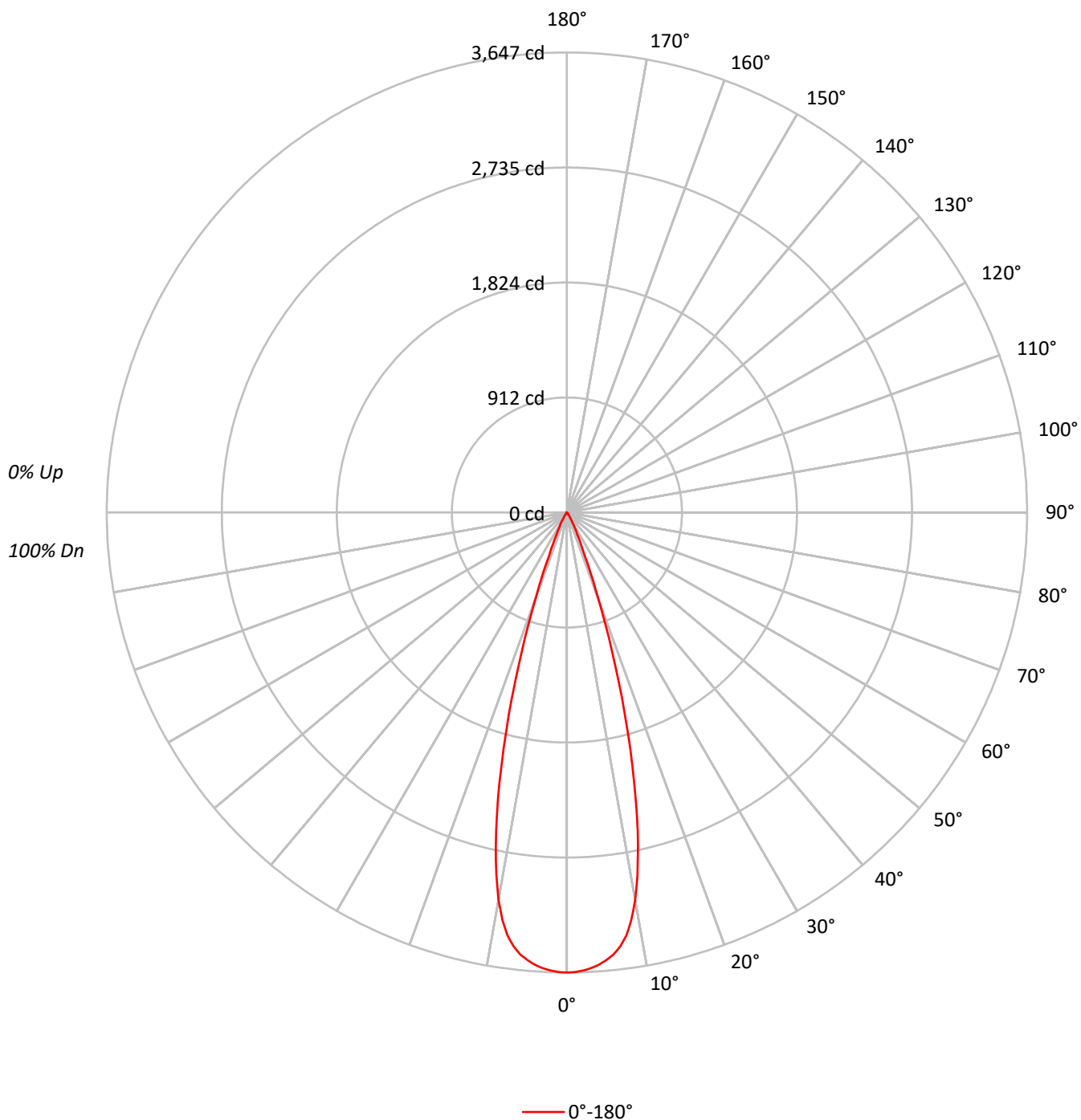
Lumens per Lamp: N/A
Luminaire Lumens: 982.0 lumens
Efficiency: N/A
Efficacy: 79.8 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1296311

CATALOG NUMBER: P3A13R30W2N902750DE010 E3CB1MW_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296311

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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°	799673
5°	784568
10°	694532
15°	440025
20°	167035
25°	49454
30°	19522
35°	5996
40°	2662
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

TEST NUMBER: P1296311

CATALOG NUMBER: P3A13R30W2N902750DE010 E3CB1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	327.7	33.4
10°-20°	510.6	52.0
20°-30°	118.6	12.1
30°-40°	18.4	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°	956.9	97.4
0°-40°	975.3	99.3
0°-60°	979.8	99.8
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3647	
5°	3564	328
15°	1938	511
25°	204	119
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°	3646.8
1°	3644.5
2°	3634.5
3°	3617.5
4°	3595.9
5°	3564.3
6°	3525.0
7°	3466.3
8°	3386.1
9°	3268.1
10°	3119.2
11°	2927.2
12°	2710.4
13°	2469.8
14°	2205.2
15°	1938.3
17.5°	1268.1
20°	715.8
22.5°	365.6
25°	204.4
27.5°	125.7
30°	77.1
32.5°	41.7
35°	22.4
37.5°	14.7
40°	9.3
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)