

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: P1296702

Luminaire Tested: P3A13R35W2N902750DE010 E3DL1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296702
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R35W2N902750DE010 E3DL1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 90CRI ,
E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

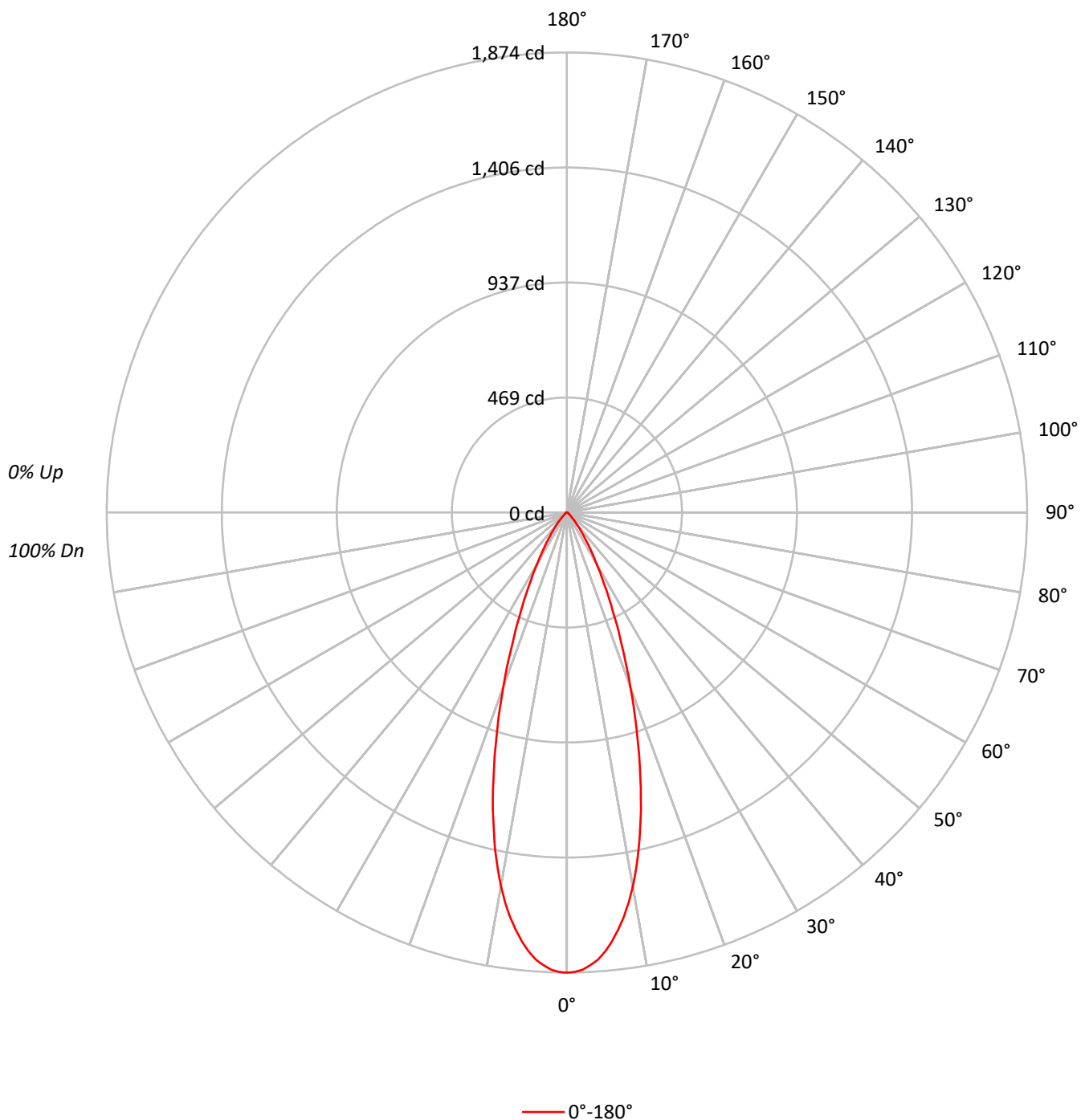
Lumens per Lamp: N/A
Luminaire Lumens: 815.1 lumens
Efficiency: N/A
Efficacy: 66.3 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296702

CATALOG NUMBER: P3A13R35W2N902750DE010 E3DL1MW_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1296702

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	411042
5°	395046
10°	344193
15°	263634
20°	176392
25°	106724
30°	61250
35°	34238
40°	18206
45°	9365
50°	4503
55°	3555
60°	3421
65°	2802
70°	3013
75°	2626
80°	2904
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9365 cd/sqm

TEST NUMBER: P1296702

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.3	20.0
10°-20°	316.4	38.8
20°-30°	207.2	25.4
30°-40°	84.0	10.3
40°-50°	25.2	3.1
50°-60°	8.6	1.1
60°-70°	5.8	0.7
70°-80°	3.4	0.4
80°-90°	1.2	0.1
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°	686.9	84.3
0°-40°	770.9	94.6
0°-60°	804.7	98.7
0°-90°	815.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	815.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1874	
5°	1795	163
15°	1161	316
25°	441	207
35°	128	84
45°	30	25
55°	9	9
65°	5	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1874.5
1°	1871.4
2°	1862.9
3°	1845.9
4°	1825.7
5°	1794.7
6°	1755.9
7°	1712.5
8°	1663.7
9°	1607.9
10°	1545.8
11°	1476.8
12°	1404.7
13°	1324.1
14°	1247.4
15°	1161.3
17.5°	952.8
20°	755.9
22.5°	581.4
25°	441.1
27.5°	328.7
30°	241.9
32.5°	177.5
35°	127.9
37.5°	90.7
40°	63.6
42.5°	44.2
45°	30.2
47.5°	20.2
50°	13.2
52.5°	10.1
55°	9.3
57.5°	8.5
60°	7.8
62.5°	7.0
65°	5.4
67.5°	4.7
70°	4.7
72.5°	3.9
75°	3.1
77.5°	2.3
80°	2.3
82.5°	1.6
85°	0.8
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)