

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: P1300555

Luminaire Tested: P3A17R35W2N902750DE010 E3DLP1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300555
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R35W2N902750DE010 E3DLP1MW_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

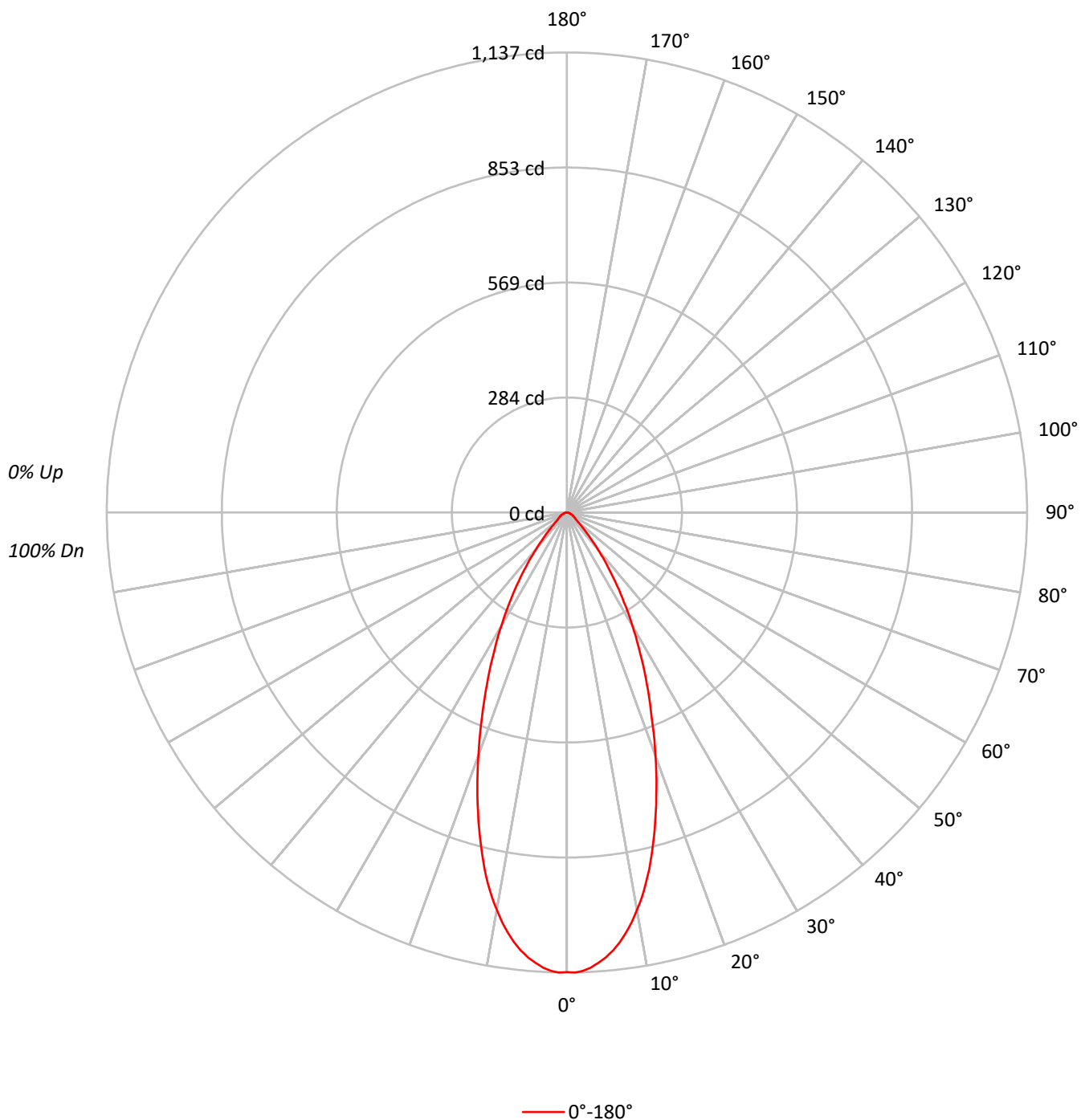
Lumens per Lamp: N/A
Luminaire Lumens: 775.0 lumens
Efficiency: N/A
Efficacy: 39.9 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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: P1300555

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1300555

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1MW_3000K

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76	74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	56	54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	249103
5°	242967
10°	222129
15°	188537
20°	149253
25°	112894
30°	82190
35°	55573
40°	34150
45°	19599
50°	11803
55°	9596
60°	8377
65°	7420
70°	6091
75°	6100
80°	6061
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19599 cd/sqm

TEST NUMBER: P1300555

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.0	13.2
10°-20°	229.0	29.5
20°-30°	214.2	27.6
30°-40°	131.1	16.9
40°-50°	51.7	6.7
50°-60°	22.8	2.9
60°-70°	14.1	1.8
70°-80°	7.6	1.0
80°-90°	2.6	0.3
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°	545.2	70.3
0°-40°	676.3	87.3
0°-60°	750.7	96.9
0°-90°	775.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	775.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1136	
5°	1104	102
15°	830	229
25°	467	214
35°	208	131
45°	63	52
55°	25	23
65°	14	14
75°	7	8
85°	2	3
90°	0	

TEST NUMBER: P1300555

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1136.0
1°	1137.2
2°	1133.6
3°	1126.5
4°	1115.7
5°	1103.8
6°	1088.3
7°	1070.4
8°	1048.9
9°	1025.0
10°	997.6
11°	969.0
12°	937.9
13°	904.5
14°	867.5
15°	830.5
17.5°	735.1
20°	639.6
22.5°	547.7
25°	466.6
27.5°	391.4
30°	324.6
32.5°	262.5
35°	207.6
37.5°	158.7
40°	119.3
42.5°	85.9
45°	63.2
47.5°	45.3
50°	34.6
52.5°	28.6
55°	25.1
57.5°	21.5
60°	19.1
62.5°	16.7
65°	14.3
67.5°	11.9
70°	9.5
72.5°	8.4
75°	7.2
77.5°	6.0
80°	4.8
82.5°	3.6
85°	2.4
87.5°	1.2



TEST NUMBER: P1300555

CATALOG NUMBER: P3A17R35W2N902750DE010 E3DLP1MW_3000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)