

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: P1301162

Luminaire Tested: P3A17R45W2N902750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301162
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R45W2N902750DE010 E3DLD1WMH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

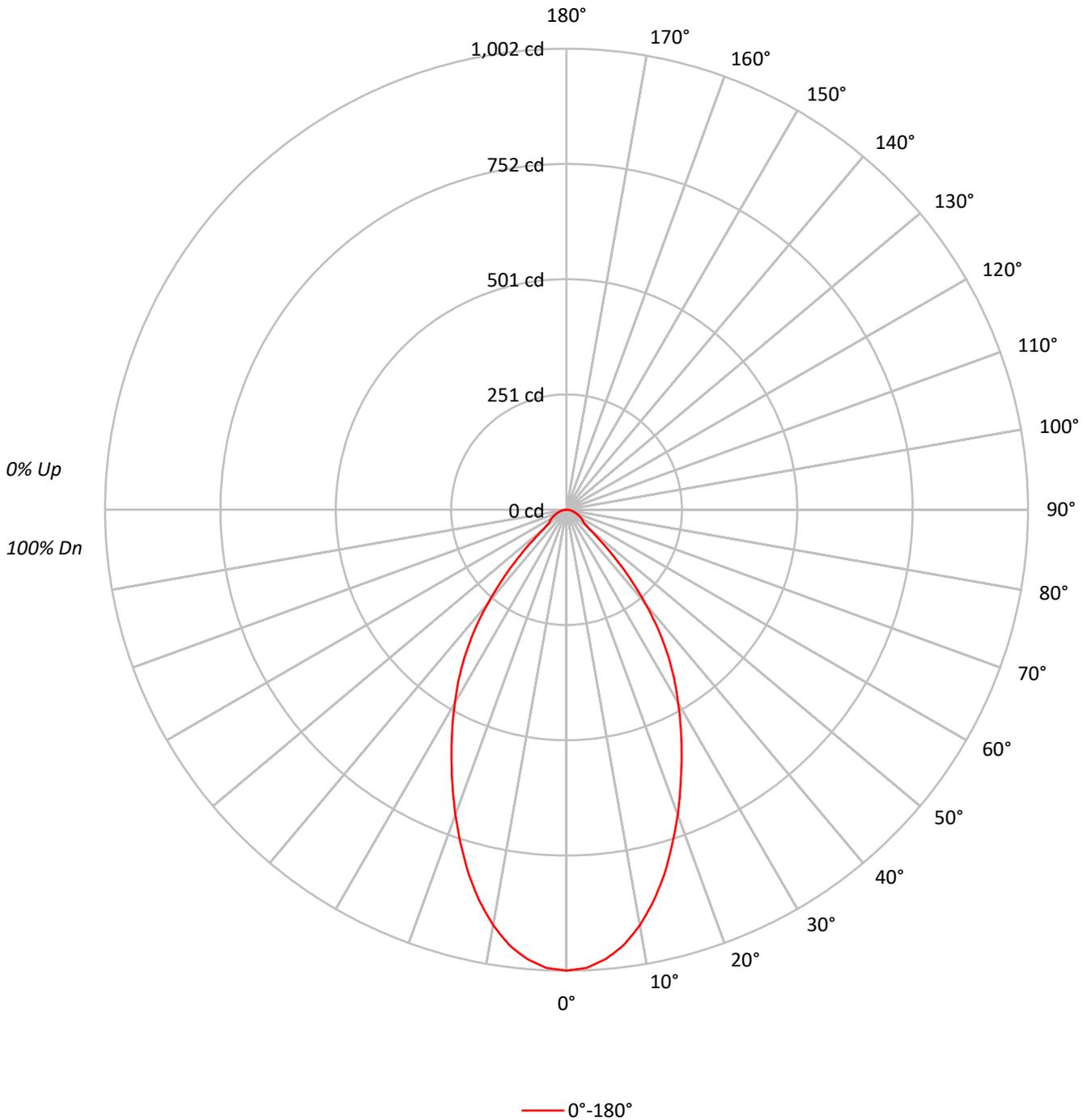
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1036.0 lumens
Efficiency: N/A
Efficacy: 53.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
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: P1301162
CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1WMH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1301162

CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1WMH_3000K

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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91				91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83				83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75				75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69				69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58				58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54				54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50				50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47				47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	219653
5°	215760
10°	204160
15°	186199
20°	164654
25°	142992
30°	122728
35°	102285
40°	76200
45°	46640
50°	21594
55°	16898
60°	16227
65°	14891
70°	13784
75°	13132
80°	12123
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 46640 cd/sqm



TEST NUMBER: P1301162

CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1WMH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.6	8.8
10°-20°	228.4	22.0
20°-30°	271.3	26.2
30°-40°	235.7	22.8
40°-50°	118.2	11.4
50°-60°	41.1	4.0
60°-70°	28.8	2.8
70°-80°	16.0	1.5
80°-90°	4.9	0.5
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°	591.3	57.1
0°-40°	827.0	79.8
0°-60°	986.3	95.2
0°-90°	1036.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1036.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1002	
5°	980	92
15°	820	228
25°	591	271
35°	382	236
45°	150	118
55°	44	41
65°	29	29
75°	16	16
85°	4	5
90°	0	



TEST NUMBER: P1301162
CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1WMH_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1001.7
2.5°	996.9
5°	980.2
7.5°	954.0
10°	916.9
12.5°	871.6
15°	820.2
17.5°	762.9
20°	705.6
22.5°	647.1
25°	591.0
27.5°	537.3
30°	484.7
32.5°	434.6
35°	382.1
37.5°	325.9
40°	266.2
42.5°	207.7
45°	150.4
47.5°	99.1
50°	63.3
52.5°	49.0
55°	44.2
57.5°	40.6
60°	37.0
62.5°	33.4
65°	28.7
67.5°	25.1
70°	21.5
72.5°	17.9
75°	15.5
77.5°	11.9
80°	9.6
82.5°	7.2
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)