

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: P1301136

Luminaire Tested: P3A17R45W2N902750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1301136
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 E3DLD1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R45 optic, 2700K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

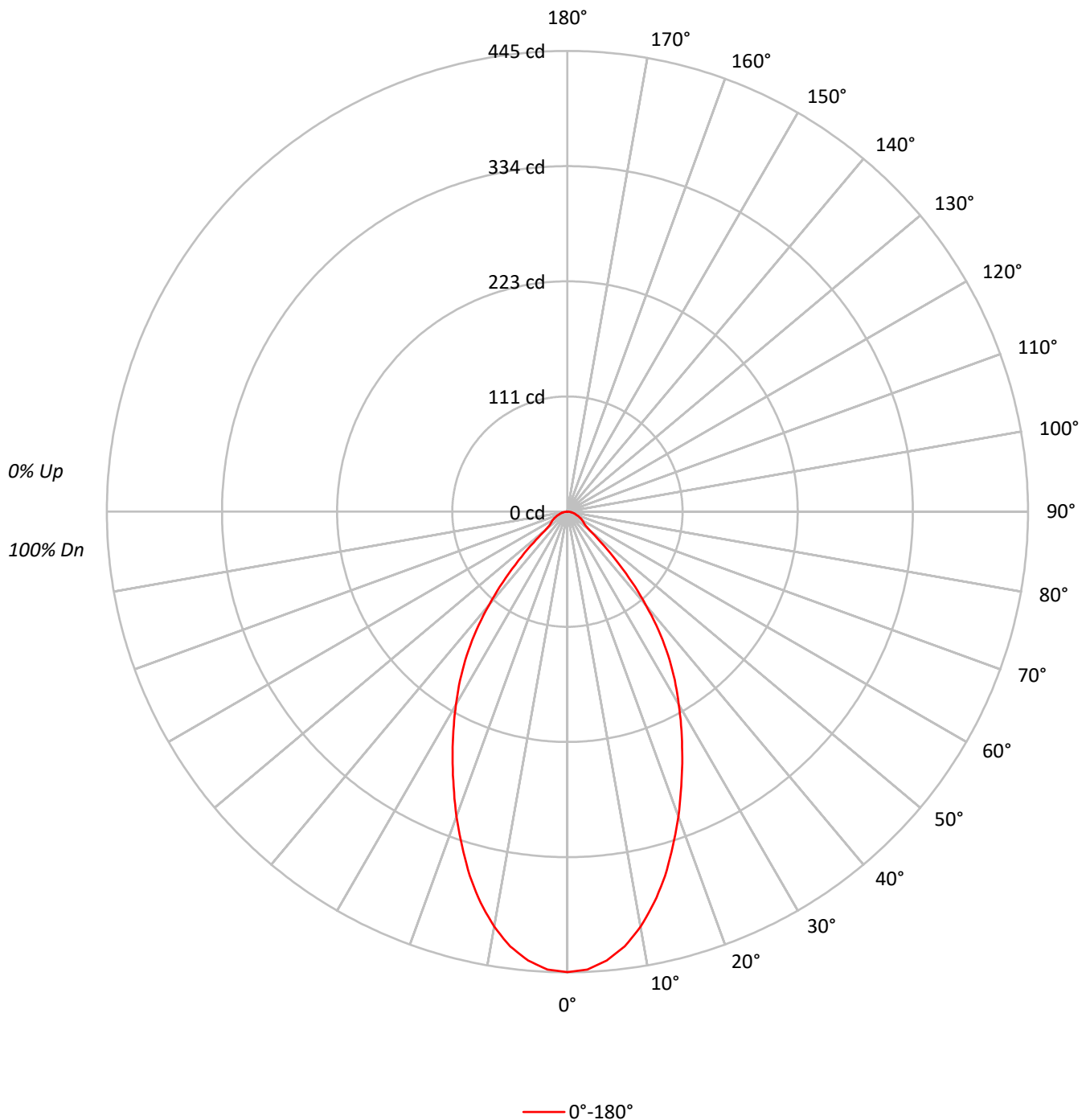
Lumens per Lamp: N/A
Luminaire Lumens: 459.9 lumens
Efficiency: N/A
Efficacy: 23.7 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1301136

CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1301136

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	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		
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97536
5°	95795
10°	90646
15°	82679
20°	73110
25°	63488
30°	54489
35°	45401
40°	33835
45°	20715
50°	9586
55°	7493
60°	7192
65°	6590
70°	6091
75°	5846
80°	5304
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 20715 cd/sqm

TEST NUMBER: P1301136

CATALOG NUMBER: P3A17R45W2N902750DE010 E3DLD1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.7	8.8
10°-20°	101.4	22.0
20°-30°	120.5	26.2
30°-40°	104.7	22.8
40°-50°	52.5	11.4
50°-60°	18.2	4.0
60°-70°	12.7	2.8
70°-80°	7.1	1.6
80°-90°	2.2	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°	262.5	57.1
0°-40°	367.2	79.8
0°-60°	437.9	95.2
0°-90°	459.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	459.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	445	
5°	435	41
15°	364	101
25°	262	120
35°	170	105
45°	67	52
55°	20	18
65°	13	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	444.8
2.5°	442.7
5°	435.2
7.5°	423.6
10°	407.1
12.5°	387.0
15°	364.2
17.5°	338.7
20°	313.3
22.5°	287.3
25°	262.4
27.5°	238.6
30°	215.2
32.5°	193.0
35°	169.6
37.5°	144.7
40°	118.2
42.5°	92.2
45°	66.8
47.5°	44.0
50°	28.1
52.5°	21.7
55°	19.6
57.5°	18.0
60°	16.4
62.5°	14.8
65°	12.7
67.5°	11.1
70°	9.5
72.5°	8.0
75°	6.9
77.5°	5.3
80°	4.2
82.5°	3.2
85°	1.6
87.5°	1.1
90°	0.0

(END OF REPORT)