

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: P1300435

Luminaire Tested: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300435
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

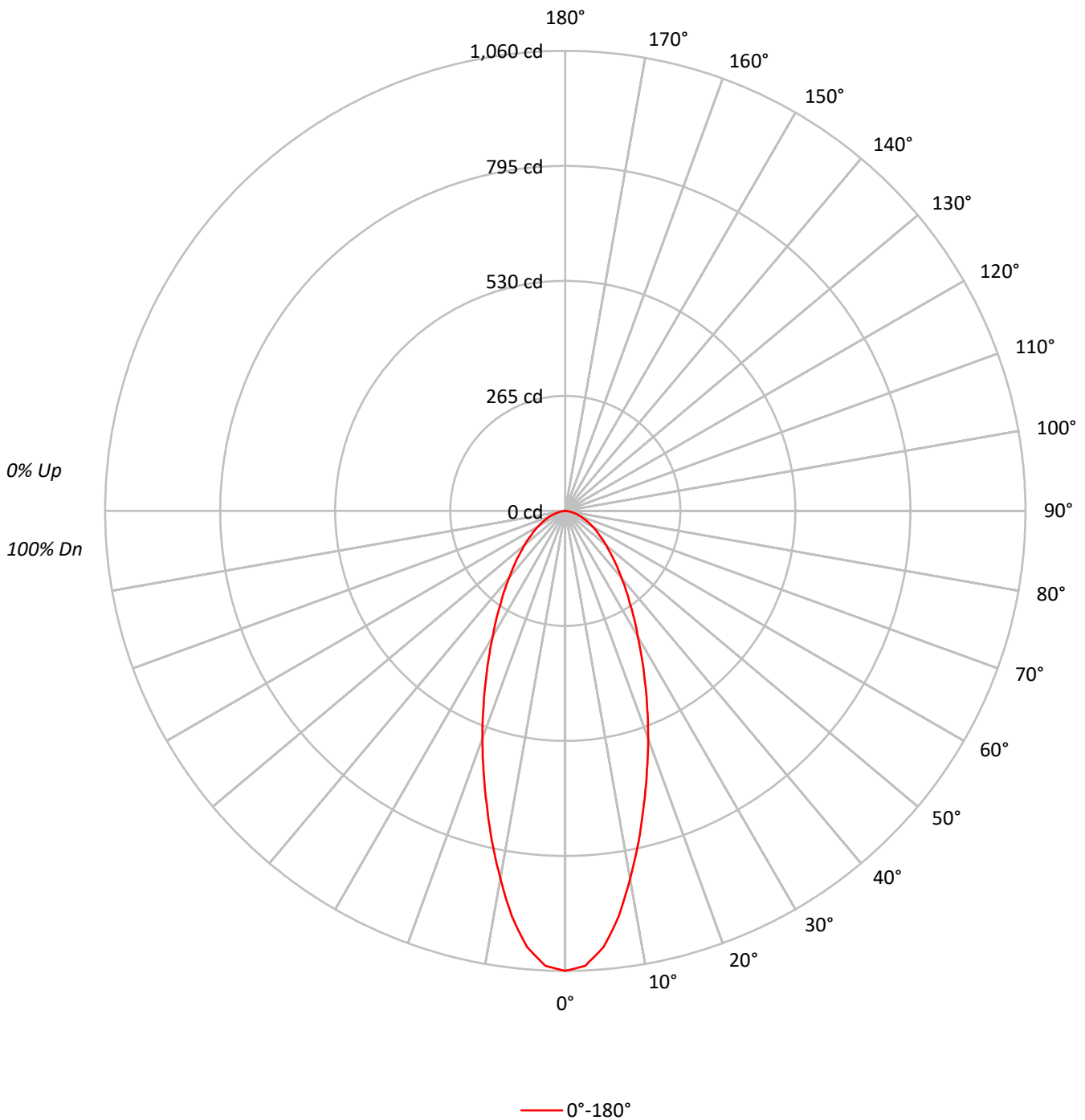
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 943.0 lumens
Efficiency: N/A
Efficacy: 48.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
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: P1300435
CATALOG NUMBER: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1300435

CATALOG NUMBER: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K

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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	232372
5°	222099
10°	191557
15°	158798
20°	130165
25°	104933
30°	84570
35°	69279
40°	57565
45°	48811
50°	41756
55°	36090
60°	32190
65°	28122
70°	24684
75°	20757
80°	15406
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 48811 cd/sqm



TEST NUMBER: P1300435

CATALOG NUMBER: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.5	9.7
10°-20°	195.1	20.7
20°-30°	199.9	21.2
30°-40°	163.4	17.3
40°-50°	122.2	13.0
50°-60°	85.8	9.1
60°-70°	54.0	5.7
70°-80°	26.0	2.8
80°-90°	5.0	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°	486.4	51.6
0°-40°	649.9	68.9
0°-60°	857.9	91.0
0°-90°	943.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	943.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1060	
5°	1009	91
15°	700	195
25°	434	200
35°	259	163
45°	157	122
55°	94	86
65°	54	54
75°	24	26
85°	4	5
90°	0	



TEST NUMBER: P1300435

CATALOG NUMBER: P3AS17R30W2N902765DE010 E3PHLD1MW_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1059.7
2.5°	1049.2
5°	1009.0
7.5°	942.5
10°	860.3
12.5°	779.9
15°	699.5
17.5°	626.0
20°	557.8
22.5°	493.1
25°	433.7
27.5°	381.2
30°	334.0
32.5°	295.5
35°	258.8
37.5°	229.1
40°	201.1
42.5°	178.4
45°	157.4
47.5°	138.1
50°	122.4
52.5°	108.4
55°	94.4
57.5°	83.9
60°	73.4
62.5°	63.0
65°	54.2
67.5°	45.5
70°	38.5
72.5°	31.5
75°	24.5
77.5°	17.5
80°	12.2
82.5°	7.0
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)