

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: P1274432

Luminaire Tested: P3AS17R409830DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274432
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R409830DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 98CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

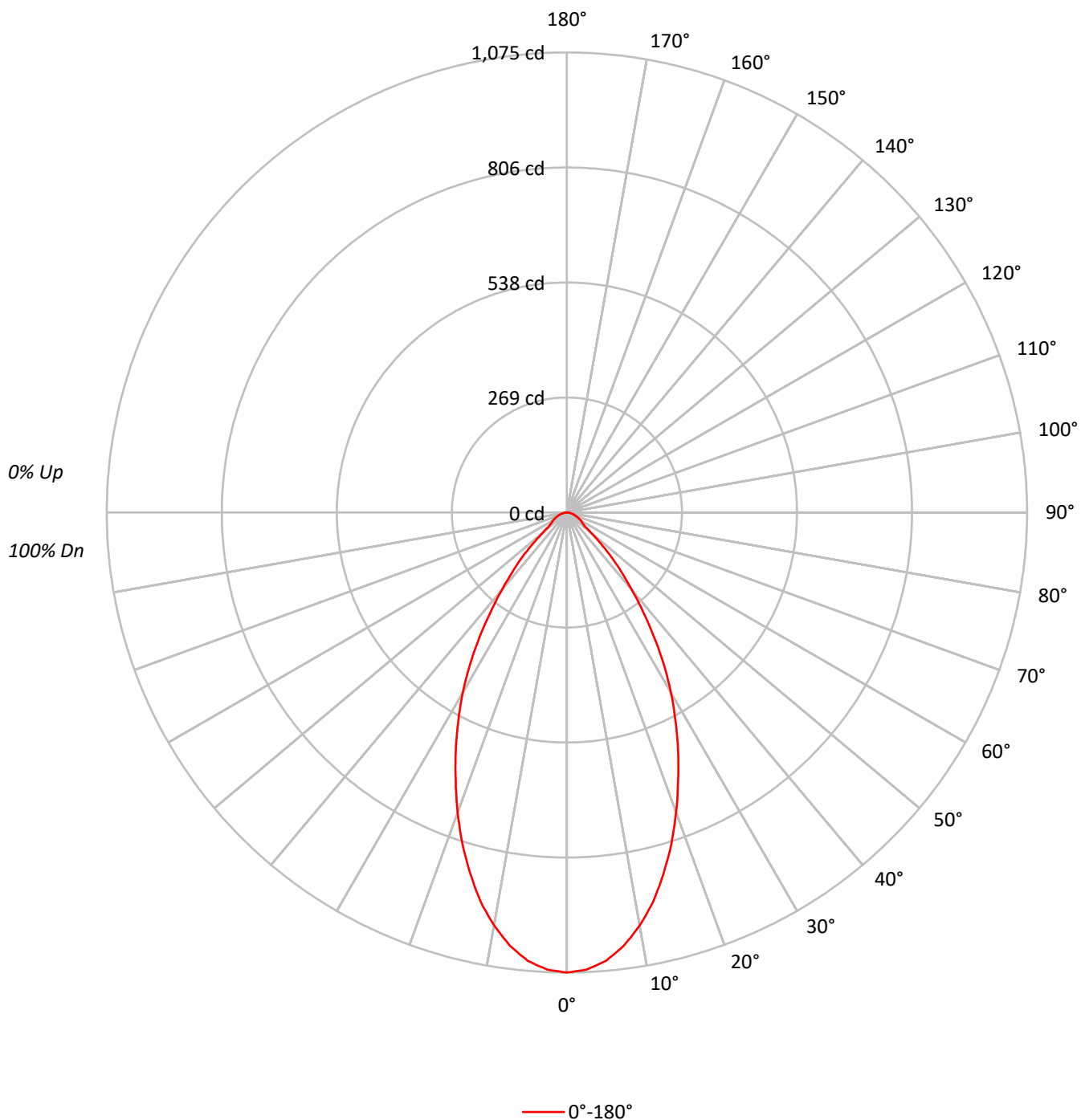
Lumens per Lamp: N/A
Luminaire Lumens: 1049.9 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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: P1274432

CATALOG NUMBER: P3AS17R409830DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1274432

CATALOG NUMBER: P3AS17R409830DE010 E3DLD1MW

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	235705
5°	231432
10°	218143
15°	198140
20°	174082
25°	148654
30°	123133
35°	94977
40°	67584
45°	45524
50°	24835
55°	17510
60°	16490
65°	15255
70°	13528
75°	12963
80°	10355
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45524 cd/sqm

TEST NUMBER: P1274432

CATALOG NUMBER: P3AS17R409830DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.1	9.3
10°-20°	243.1	23.2
20°-30°	281.1	26.8
30°-40°	221.5	21.1
40°-50°	113.7	10.8
50°-60°	43.5	4.1
60°-70°	28.8	2.7
70°-80°	15.6	1.5
80°-90°	4.6	0.4
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°	622.3	59.3
0°-40°	843.8	80.4
0°-60°	1000.9	95.3
0°-90°	1049.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1049.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1075	
5°	1051	98
15°	873	243
25°	614	281
35°	355	222
45°	147	114
55°	46	43
65°	29	29
75°	15	16
85°	4	5
90°	0	

TEST NUMBER: P1274432

CATALOG NUMBER: P3AS17R409830DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1074.9
2.5°	1069.0
5°	1051.4
7.5°	1020.9
10°	979.7
12.5°	931.6
15°	872.8
17.5°	811.7
20°	746.0
22.5°	679.0
25°	614.4
27.5°	549.8
30°	486.3
32.5°	421.7
35°	354.8
37.5°	292.5
40°	236.1
42.5°	188.0
45°	146.8
47.5°	106.9
50°	72.8
52.5°	52.9
55°	45.8
57.5°	41.1
60°	37.6
62.5°	32.9
65°	29.4
67.5°	24.7
70°	21.1
72.5°	17.6
75°	15.3
77.5°	11.7
80°	8.2
82.5°	7.0
85°	3.5
87.5°	2.3
90°	0.0

(END OF REPORT)