

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: P1252459

Luminaire Tested: P3AS17R509030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252459
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

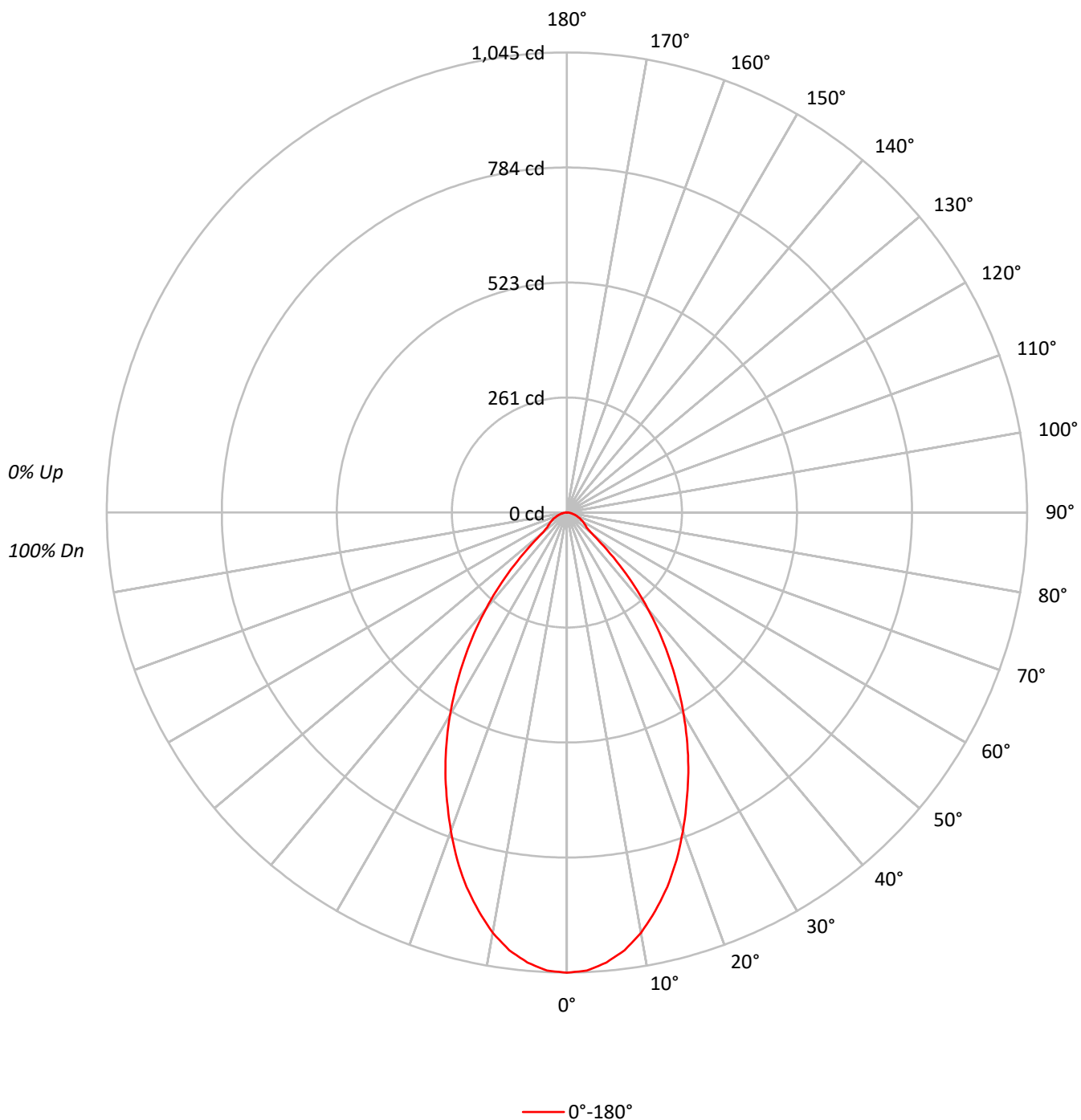
Lumens per Lamp: N/A
Luminaire Lumens: 1128.0 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1252459

CATALOG NUMBER: P3AS17R509030DE010 E3DLD1MW

Luminous Intensity Polar Plot



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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229236
5°	225863
10°	215850
15°	199910
20°	179659
25°	157920
30°	134299
35°	108897
40°	81810
45°	52688
50°	25040
55°	19689
60°	18639
65°	17382
70°	15708
75°	14149
80°	13007
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 52688 cd/sqm

TEST NUMBER: P1252459

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.2	8.5
10°-20°	245.5	21.8
20°-30°	298.3	26.4
30°-40°	253.0	22.4
40°-50°	131.4	11.7
50°-60°	47.4	4.2
60°-70°	32.8	2.9
70°-80°	17.8	1.6
80°-90°	5.6	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°	640.0	56.7
0°-40°	893.0	79.2
0°-60°	1071.8	95.0
0°-90°	1128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1045	
5°	1026	96
15°	881	246
25°	653	298
35°	407	253
45°	170	131
55°	52	47
65°	34	33
75°	17	18
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1045.4
2.5°	1041.5
5°	1026.1
7.5°	1002.9
10°	969.4
12.5°	926.9
15°	880.6
17.5°	827.8
20°	769.9
22.5°	710.7
25°	652.7
27.5°	592.2
30°	530.4
32.5°	468.6
35°	406.8
37.5°	346.3
40°	285.8
42.5°	227.9
45°	169.9
47.5°	113.3
50°	73.4
52.5°	56.6
55°	51.5
57.5°	46.3
60°	42.5
62.5°	37.3
65°	33.5
67.5°	28.3
70°	24.5
72.5°	20.6
75°	16.7
77.5°	12.9
80°	10.3
82.5°	7.7
85°	5.1
87.5°	2.6
90°	0.0

(END OF REPORT)