

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: P1267878

Luminaire Tested: P3A17R459735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267878
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: P3A17R459735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

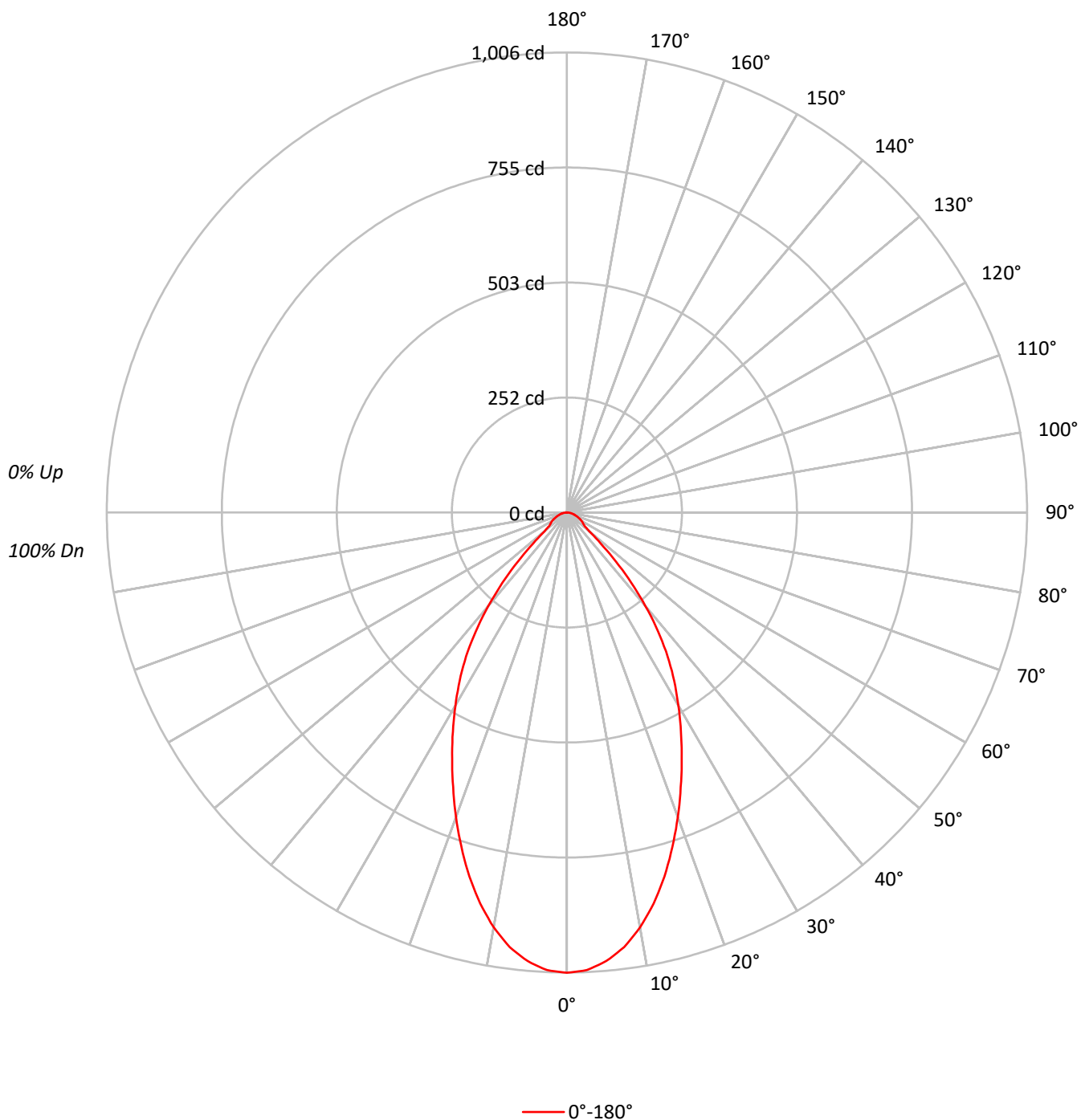
Lumens per Lamp: N/A
Luminaire Lumens: 1041.0 lumens
Efficiency: N/A
Efficacy: 49.1 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1267878

CATALOG NUMBER: P3A17R459735DE010 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	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	220706
5°	216795
10°	205162
15°	187107
20°	165448
25°	143670
30°	123335
35°	102767
40°	76572
45°	46889
50°	21697
55°	16974
60°	16314
65°	14943
70°	13848
75°	13217
80°	12123
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46889 cd/sqm

TEST NUMBER: P1267878

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.0	8.8
10°-20°	229.5	22.0
20°-30°	272.6	26.2
30°-40°	236.9	22.8
40°-50°	118.8	11.4
50°-60°	41.3	4.0
60°-70°	28.9	2.8
70°-80°	16.1	1.6
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°	594.1	57.1
0°-40°	831.0	79.8
0°-60°	991.1	95.2
0°-90°	1041.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1041.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1006	
5°	985	92
15°	824	229
25°	594	273
35°	384	237
45°	151	119
55°	44	41
65°	29	29
75°	16	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1006.5
2.5°	1001.7
5°	984.9
7.5°	958.6
10°	921.4
12.5°	875.8
15°	824.2
17.5°	766.6
20°	709.0
22.5°	650.2
25°	593.8
27.5°	539.9
30°	487.1
32.5°	436.7
35°	383.9
37.5°	327.5
40°	267.5
42.5°	208.7
45°	151.2
47.5°	99.6
50°	63.6
52.5°	49.2
55°	44.4
57.5°	40.8
60°	37.2
62.5°	33.6
65°	28.8
67.5°	25.2
70°	21.6
72.5°	18.0
75°	15.6
77.5°	12.0
80°	9.6
82.5°	7.2
85°	3.6
87.5°	2.4
90°	0.0

(END OF REPORT)