

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: P1265499

Luminaire Tested: P3A17R459730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265499
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: P3A17R459730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R45 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

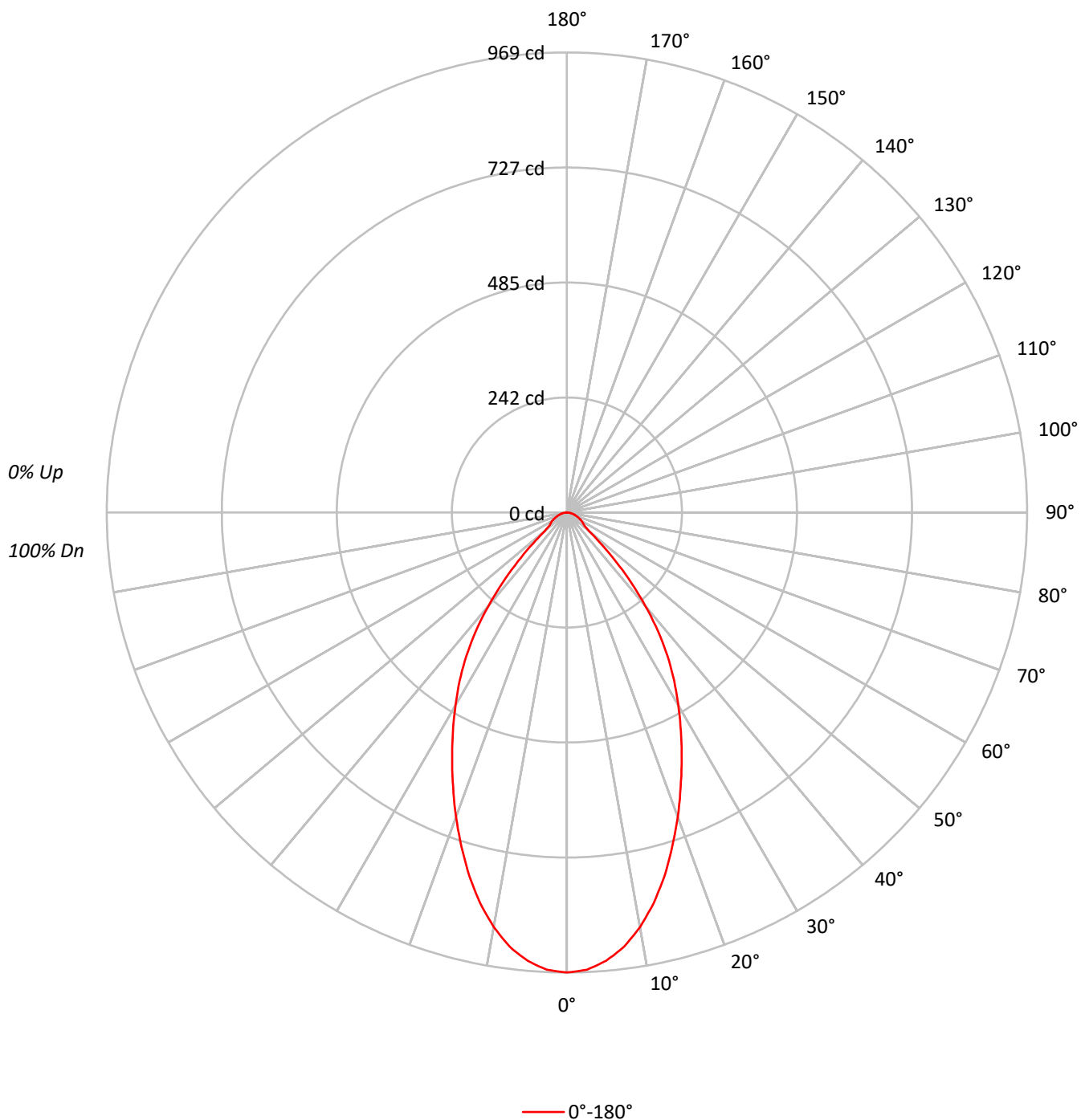
Lumens per Lamp: N/A
Luminaire Lumens: 1001.9 lumens
Efficiency: N/A
Efficacy: 47.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	212439
5°	208672
10°	197458
15°	180092
20°	159264
25°	138298
30°	118702
35°	98912
40°	73710
45°	45121
50°	20878
55°	16324
60°	15700
65°	14372
70°	13336
75°	12709
80°	11618
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45121 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	88.6	8.8
10°-20°	220.9	22.0
20°-30°	262.4	26.2
30°-40°	228.0	22.8
40°-50°	114.3	11.4
50°-60°	39.7	4.0
60°-70°	27.8	2.8
70°-80°	15.5	1.5
80°-90°	4.7	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°	571.9	57.1
0°-40°	799.9	79.8
0°-60°	953.9	95.2
0°-90°	1001.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1001.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	969	
5°	948	89
15°	793	221
25°	572	262
35°	370	228
45°	146	114
55°	43	40
65°	28	28
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	968.8
2.5°	964.2
5°	948.0
7.5°	922.6
10°	886.8
12.5°	843.0
15°	793.3
17.5°	737.9
20°	682.5
22.5°	625.9
25°	571.6
27.5°	519.6
30°	468.8
32.5°	420.3
35°	369.5
37.5°	315.2
40°	257.5
42.5°	200.9
45°	145.5
47.5°	95.8
50°	61.2
52.5°	47.3
55°	42.7
57.5°	39.3
60°	35.8
62.5°	32.3
65°	27.7
67.5°	24.2
70°	20.8
72.5°	17.3
75°	15.0
77.5°	11.5
80°	9.2
82.5°	6.9
85°	3.5
87.5°	2.3
90°	0.0

(END OF REPORT)