

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: P1269530

Luminaire Tested: P3A09R509740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269530
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: P3A09R509740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

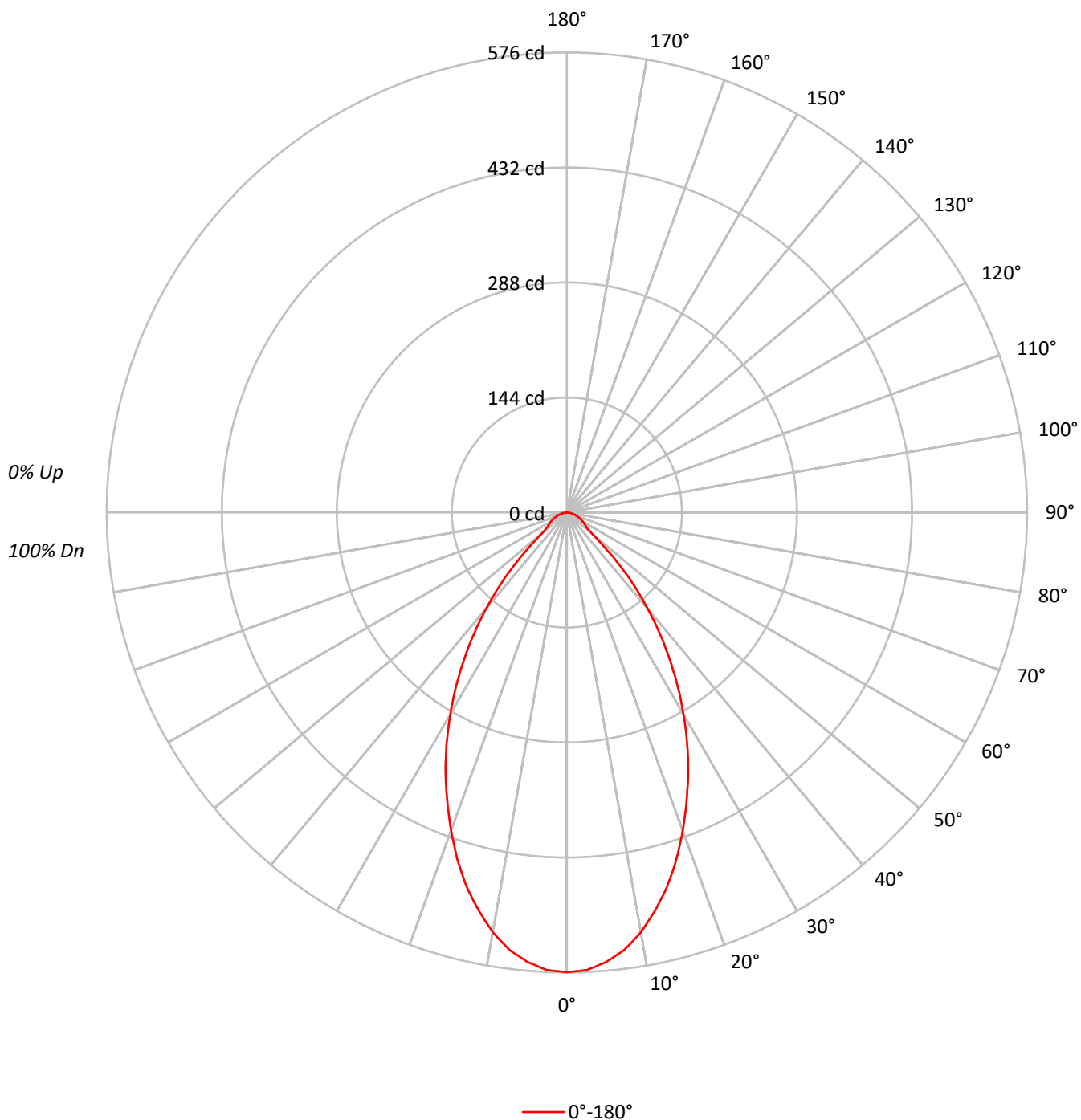
Lumens per Lamp: N/A
Luminaire Lumens: 621.0 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1269530

CATALOG NUMBER: P3A09R509740DE010 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°	126196
5°	124345
10°	118835
15°	110057
20°	98895
25°	86932
30°	73935
35°	59963
40°	45027
45°	29026
50°	13782
55°	10857
60°	10262
65°	9547
70°	8655
75°	7795
80°	7198
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29026 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.9	8.5
10°-20°	135.2	21.8
20°-30°	164.2	26.4
30°-40°	139.3	22.4
40°-50°	72.4	11.7
50°-60°	26.1	4.2
60°-70°	18.1	2.9
70°-80°	9.8	1.6
80°-90°	3.1	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°	352.3	56.7
0°-40°	491.6	79.2
0°-60°	590.1	95.0
0°-90°	621.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	621.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	576	
5°	565	53
15°	485	135
25°	359	164
35°	224	139
45°	94	72
55°	28	26
65°	18	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	575.5
2.5°	573.4
5°	564.9
7.5°	552.1
10°	533.7
12.5°	510.3
15°	484.8
17.5°	455.7
20°	423.8
22.5°	391.2
25°	359.3
27.5°	326.0
30°	292.0
32.5°	258.0
35°	224.0
37.5°	190.7
40°	157.3
42.5°	125.5
45°	93.6
47.5°	62.4
50°	40.4
52.5°	31.2
55°	28.4
57.5°	25.5
60°	23.4
62.5°	20.6
65°	18.4
67.5°	15.6
70°	13.5
72.5°	11.3
75°	9.2
77.5°	7.1
80°	5.7
82.5°	4.3
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)