

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: P1264659

Luminaire Tested: P3A09R309730DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264659
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309730DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

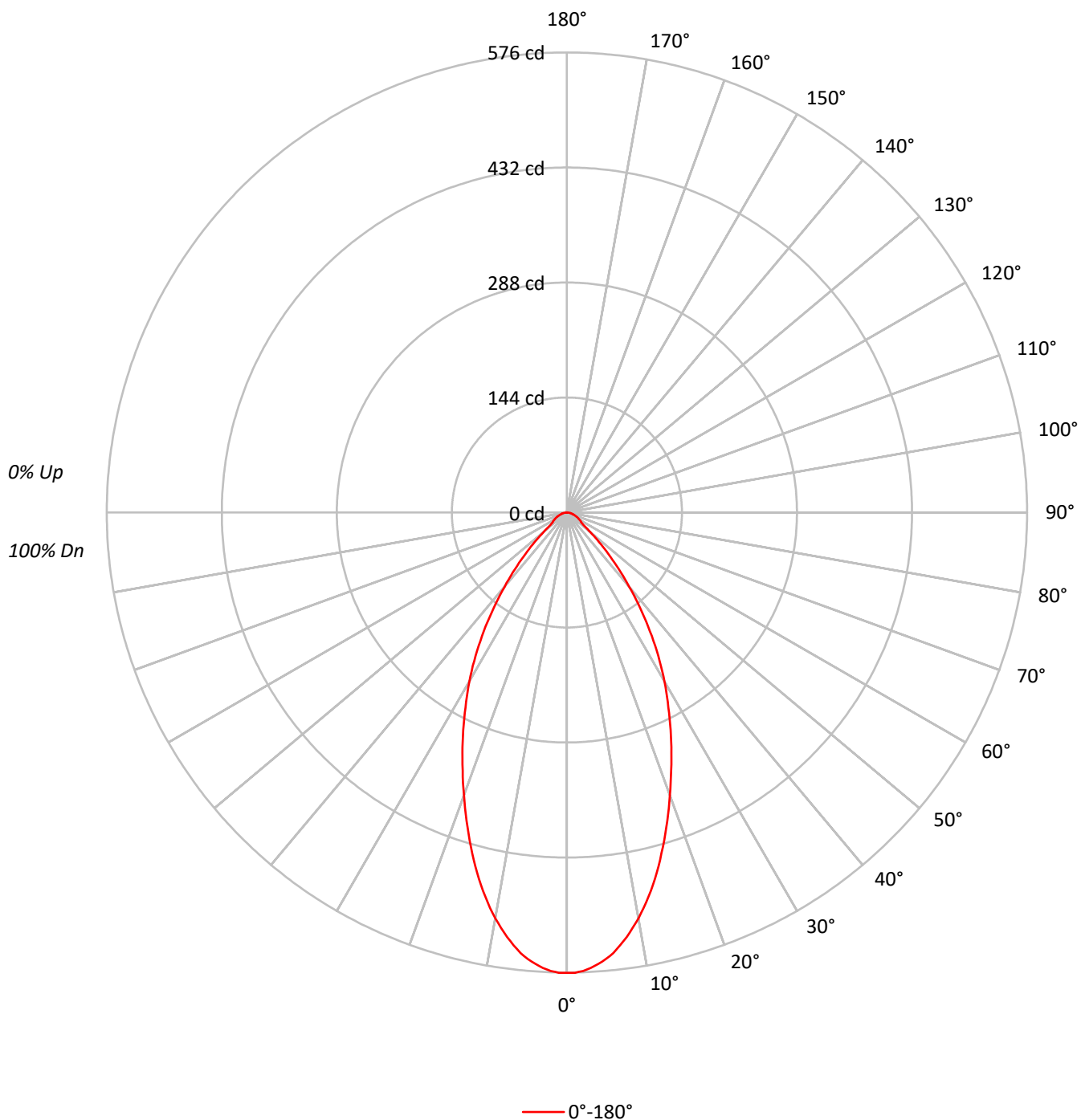
Lumens per Lamp: N/A
Luminaire Lumens: 535.0 lumens
Efficiency: N/A
Efficacy: 48.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126393
5°	123552
10°	114894
15°	102248
20°	87928
25°	74496
30°	61832
35°	48506
40°	34779
45°	22793
50°	12997
55°	8525
60°	8070
65°	7472
70°	6732
75°	6100
80°	5809
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22793 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.1	9.7
10°-20°	125.2	23.4
20°-30°	141.1	26.4
30°-40°	112.7	21.1
40°-50°	57.9	10.8
50°-60°	21.8	4.1
60°-70°	14.3	2.7
70°-80°	7.7	1.4
80°-90°	2.3	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°	318.4	59.5
0°-40°	431.1	80.6
0°-60°	510.8	95.5
0°-90°	535.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	535.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	576	
5°	561	52
15°	450	125
25°	308	141
35°	181	113
45°	74	58
55°	22	22
65°	14	14
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	576.4
1°	576.4
2°	574.4
3°	571.2
4°	566.6
5°	561.3
6°	554.7
7°	546.2
8°	537.0
9°	526.5
10°	516.0
11°	504.2
12°	491.7
13°	478.6
14°	464.8
15°	450.4
17.5°	413.6
20°	376.8
22.5°	341.4
25°	307.9
27.5°	275.1
30°	244.2
32.5°	212.7
35°	181.2
37.5°	150.3
40°	121.5
42.5°	95.8
45°	73.5
47.5°	54.5
50°	38.1
52.5°	26.9
55°	22.3
57.5°	20.4
60°	18.4
62.5°	16.4
65°	14.4
67.5°	12.5
70°	10.5
72.5°	8.5
75°	7.2
77.5°	5.9
80°	4.6
82.5°	3.3
85°	2.0
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)