

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: P1264655

Luminaire Tested: P3A09R309730DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264655
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 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

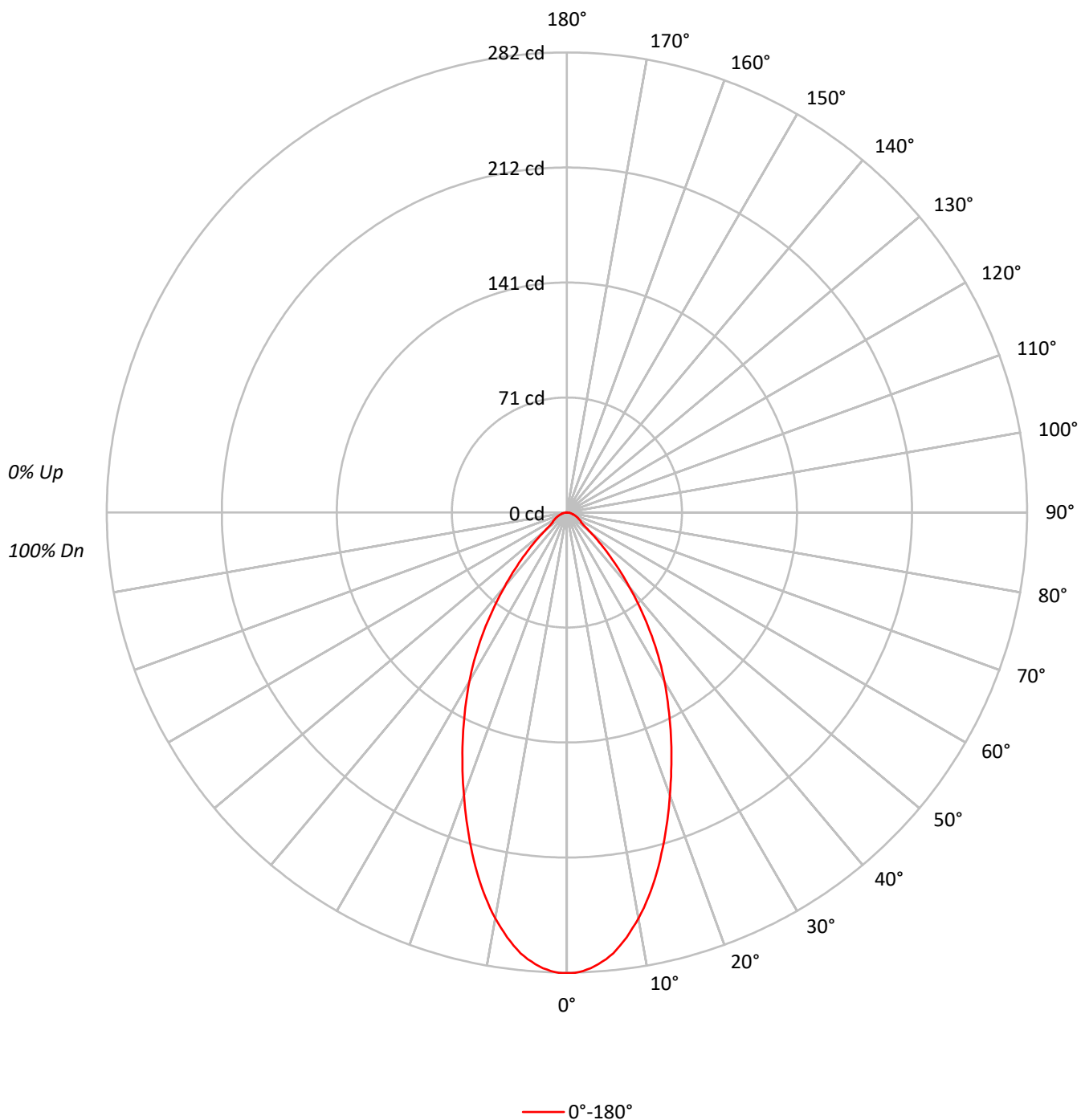
Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	61903
5°	60511
10°	56267
15°	50057
20°	43054
25°	36486
30°	30283
35°	23744
40°	17032
45°	11164
50°	6345
55°	4167
60°	3947
65°	3684
70°	3270
75°	2965
80°	2904
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.5	9.7
10°-20°	61.3	23.4
20°-30°	69.1	26.4
30°-40°	55.2	21.1
40°-50°	28.3	10.8
50°-60°	10.7	4.1
60°-70°	7.0	2.7
70°-80°	3.8	1.4
80°-90°	1.1	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°	155.9	59.5
0°-40°	211.1	80.6
0°-60°	250.1	95.5
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	282	
5°	275	26
15°	220	61
25°	151	69
35°	89	55
45°	36	28
55°	11	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	282.3
1°	282.3
2°	281.3
3°	279.7
4°	277.5
5°	274.9
6°	271.7
7°	267.5
8°	263.0
9°	257.8
10°	252.7
11°	246.9
12°	240.8
13°	234.4
14°	227.6
15°	220.5
17.5°	202.5
20°	184.5
22.5°	167.2
25°	150.8
27.5°	134.7
30°	119.6
32.5°	104.2
35°	88.7
37.5°	73.6
40°	59.5
42.5°	46.9
45°	36.0
47.5°	26.7
50°	18.6
52.5°	13.2
55°	10.9
57.5°	10.0
60°	9.0
62.5°	8.0
65°	7.1
67.5°	6.1
70°	5.1
72.5°	4.2
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.6
85°	1.0
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)