

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: P1264649

Luminaire Tested: P3A09R309730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264649
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

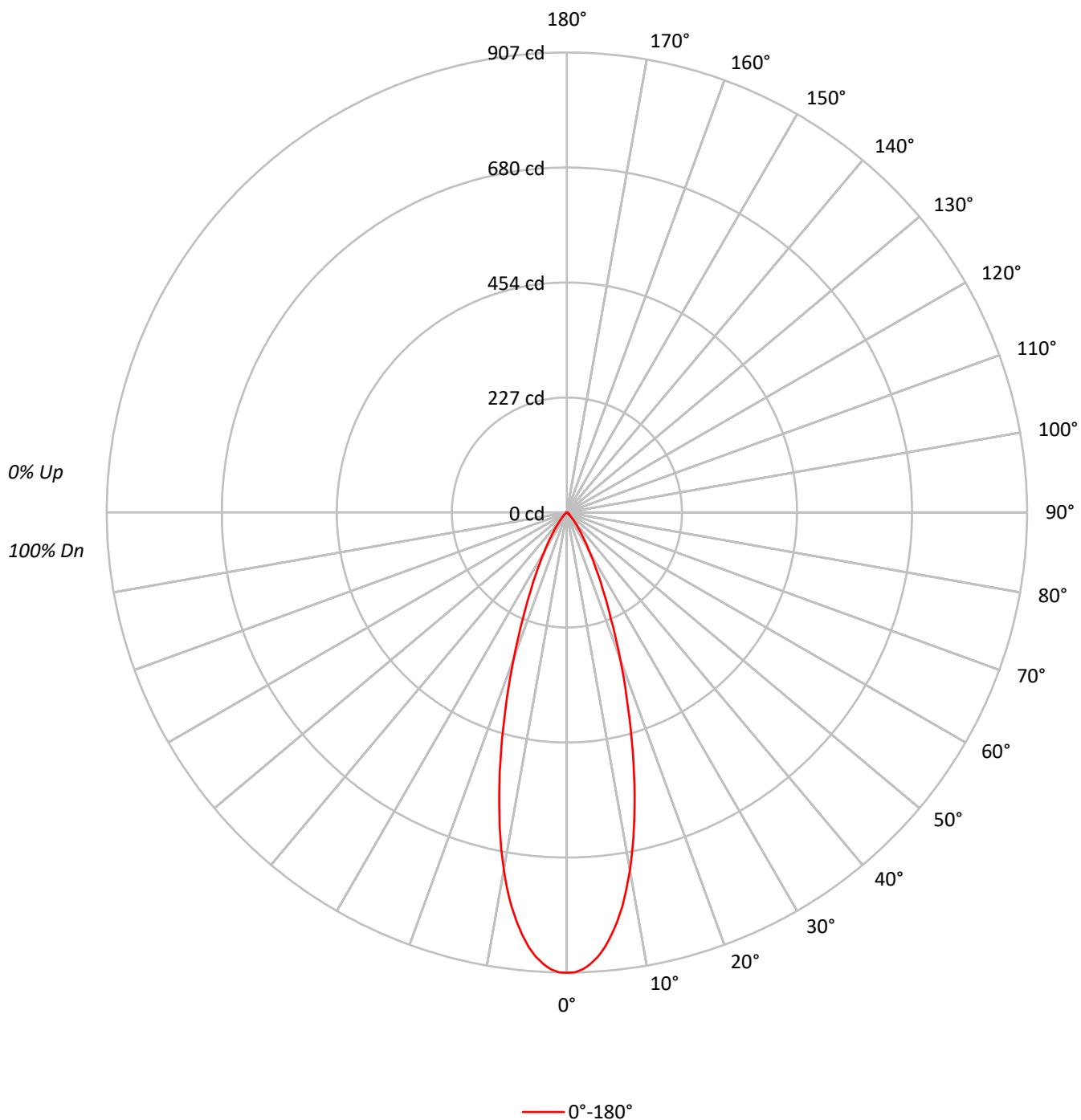
Lumens per Lamp: N/A
Luminaire Lumens: 341.0 lumens
Efficiency: N/A
Efficacy: 30.7 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264649

CATALOG NUMBER: P3A09R309730DE010 E3DL1GPH

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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	198975
5°	189390
10°	159316
15°	114893
20°	71266
25°	40527
30°	22510
35°	12234
40°	6441
45°	3504
50°	1876
55°	1223
60°	1140
65°	1193
70°	1026
75°	847
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3504 cd/sqm

TEST NUMBER: P1264649

CATALOG NUMBER: P3A09R309730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.5	22.7
10°-20°	137.7	40.4
20°-30°	79.6	23.3
30°-40°	30.2	8.9
40°-50°	9.3	2.7
50°-60°	3.1	0.9
60°-70°	2.1	0.6
70°-80°	1.2	0.3
80°-90°	0.3	0.1
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°	294.8	86.4
0°-40°	325.0	95.3
0°-60°	337.4	98.9
0°-90°	341.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	341.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	907	
5°	860	77
15°	506	138
25°	168	80
35°	46	30
45°	11	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	907.4
1°	906.8
2°	901.3
3°	891.0
4°	878.1
5°	860.4
6°	837.9
7°	812.7
8°	784.7
9°	751.2
10°	715.5
11°	676.8
12°	635.9
13°	593.0
14°	549.6
15°	506.1
17.5°	399.1
20°	305.4
22.5°	226.5
25°	167.5
27.5°	121.8
30°	88.9
32.5°	64.1
35°	45.7
37.5°	31.9
40°	22.5
42.5°	15.8
45°	11.3
47.5°	7.7
50°	5.5
52.5°	3.9
55°	3.2
57.5°	2.9
60°	2.6
62.5°	2.3
65°	2.3
67.5°	1.9
70°	1.6
72.5°	1.3
75°	1.0
77.5°	1.0
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0



TEST NUMBER: P1264649

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)