

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: P1264662

Luminaire Tested: P3A09R309730DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264662
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309730DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

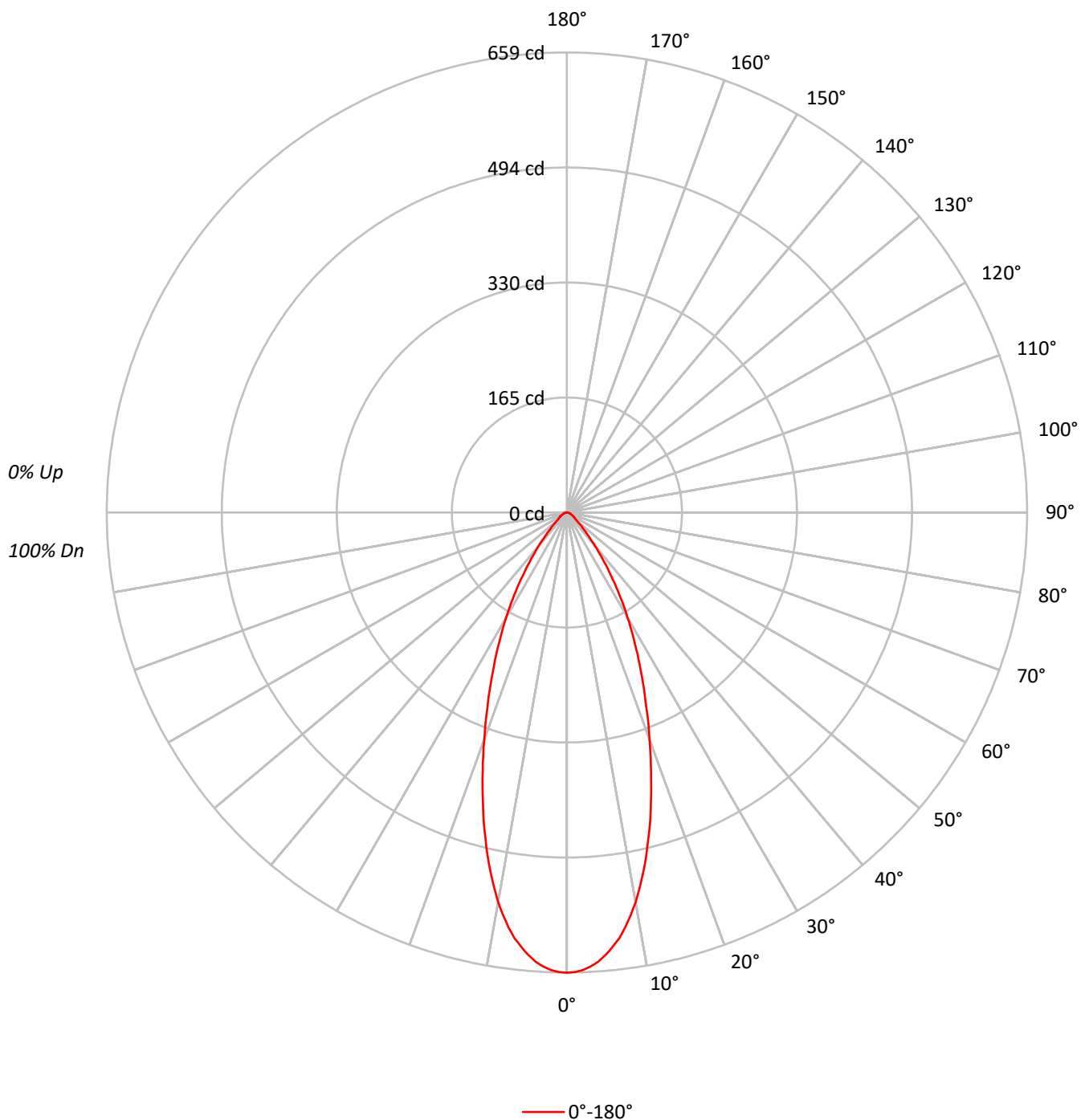
Lumens per Lamp: N/A
Luminaire Lumens: 423.0 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264662

CATALOG NUMBER: P3A09R309730DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1264662

CATALOG NUMBER: P3A09R309730DE010 E3DLP1H

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	144550
5°	140039
10°	126183
15°	104382
20°	80810
25°	60633
30°	44007
35°	29312
40°	18034
45°	10575
50°	6482
55°	5276
60°	4605
65°	3736
70°	3334
75°	3304
80°	2526
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10575 cd/sqm

TEST NUMBER: P1264662

CATALOG NUMBER: P3A09R309730DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.5	13.8
10°-20°	126.6	29.9
20°-30°	115.2	27.2
30°-40°	69.7	16.5
40°-50°	27.9	6.6
50°-60°	12.4	2.9
60°-70°	7.5	1.8
70°-80°	4.1	1.0
80°-90°	1.2	0.3
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°	300.4	71.0
0°-40°	370.0	87.5
0°-60°	410.3	97.0
0°-90°	423.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	423.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	659	
5°	636	59
15°	460	127
25°	251	115
35°	110	70
45°	34	28
55°	14	12
65°	7	7
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1264662

CATALOG NUMBER: P3A09R309730DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	659.2
1°	658.5
2°	655.9
3°	651.3
4°	644.8
5°	636.2
6°	625.7
7°	614.6
8°	600.2
9°	583.8
10°	566.7
11°	547.0
12°	526.0
13°	505.0
14°	482.1
15°	459.8
17.5°	401.4
20°	346.3
22.5°	295.2
25°	250.6
27.5°	209.9
30°	173.8
32.5°	140.4
35°	109.5
37.5°	84.0
40°	63.0
42.5°	45.9
45°	34.1
47.5°	25.6
50°	19.0
52.5°	15.1
55°	13.8
57.5°	11.8
60°	10.5
62.5°	8.5
65°	7.2
67.5°	6.6
70°	5.2
72.5°	4.6
75°	3.9
77.5°	3.3
80°	2.0
82.5°	1.3
85°	1.3
87.5°	0.7



TEST NUMBER: P1264662
CATALOG NUMBER: P3A09R309730DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)