

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: P1264767

Luminaire Tested: P3A09R509730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264767
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R509730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

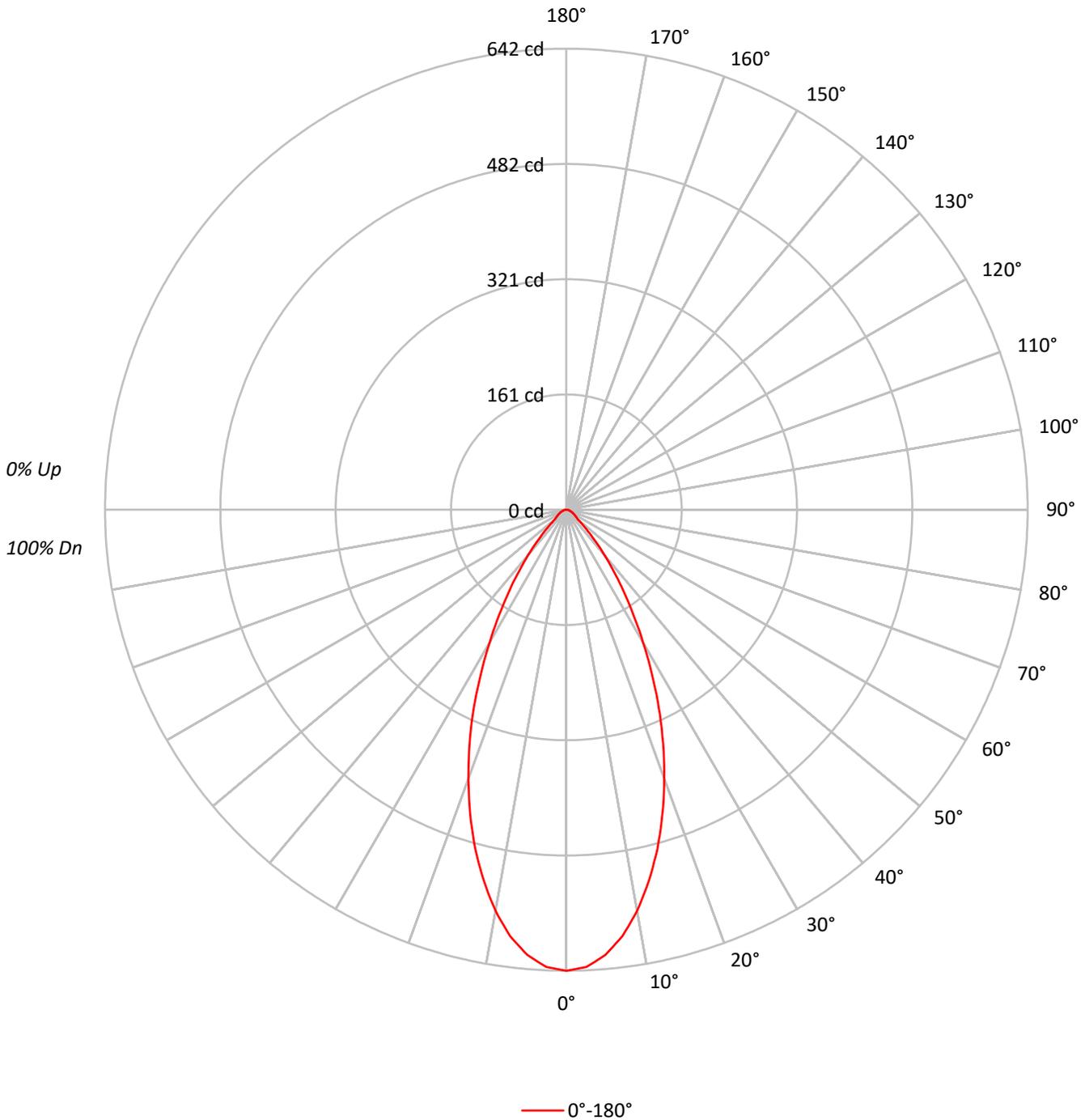
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 484.0 lumens
Efficiency: N/A
Efficacy: 43.6 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
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: P1264767
CATALOG NUMBER: P3A09R509730DE010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1264767
 CATALOG NUMBER: P3A09R509730DE010 E3DL1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	95	94	93				93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				85
3	101	95	89	85	99	93	88	85	91	87	83	88	85	82	86	83	81	79				79
4	96	88	82	78	94	87	82	78	85	80	77	83	79	76	81	78	75	73				73
5	91	83	76	72	90	82	76	72	80	75	71	78	74	70	76	73	70	68				68
6	87	77	71	67	85	77	71	67	75	70	66	74	69	66	72	68	65	64				64
7	82	73	67	62	81	72	66	62	71	66	62	70	65	61	68	64	61	60				60
8	78	69	63	58	77	68	62	58	67	62	58	66	61	58	65	61	57	56				56
9	75	65	59	55	74	64	59	55	63	58	55	63	58	54	62	57	54	53				53
10	71	61	56	52	70	61	55	52	60	55	51	59	55	51	59	54	51	50				50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	140778
5°	136980
10°	126317
15°	111079
20°	92945
25°	73698
30°	54084
35°	37182
40°	23616
45°	13211
50°	7164
55°	6002
60°	5175
65°	4774
70°	4231
75°	3897
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13211 cd/sqm



TEST NUMBER: P1264767
 CATALOG NUMBER: P3A09R509730DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.7	11.9
10°-20°	135.5	28.0
20°-30°	138.6	28.6
30°-40°	87.9	18.2
40°-50°	35.0	7.2
50°-60°	14.2	2.9
60°-70°	9.1	1.9
70°-80°	4.7	1.0
80°-90°	1.4	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°	331.8	68.5
0°-40°	419.7	86.7
0°-60°	468.8	96.9
0°-90°	484.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	484.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	642	
5°	622	58
15°	489	136
25°	305	139
35°	139	88
45°	43	35
55°	16	14
65°	9	9
75°	5	5
85°	1	1
90°	0	



TEST NUMBER: P1264767
CATALOG NUMBER: P3A09R509730DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	642.0
2.5°	637.4
5°	622.3
7.5°	598.7
10°	567.3
12.5°	529.9
15°	489.3
17.5°	444.8
20°	398.3
22.5°	351.8
25°	304.6
27.5°	257.4
30°	213.6
32.5°	174.2
35°	138.9
37.5°	108.7
40°	82.5
42.5°	60.9
45°	42.6
47.5°	28.8
50°	21.0
52.5°	17.7
55°	15.7
57.5°	13.8
60°	11.8
62.5°	10.5
65°	9.2
67.5°	7.9
70°	6.6
72.5°	5.2
75°	4.6
77.5°	3.3
80°	2.6
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)