

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: P1264632

Luminaire Tested: P3A09R259730DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264632
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259730DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

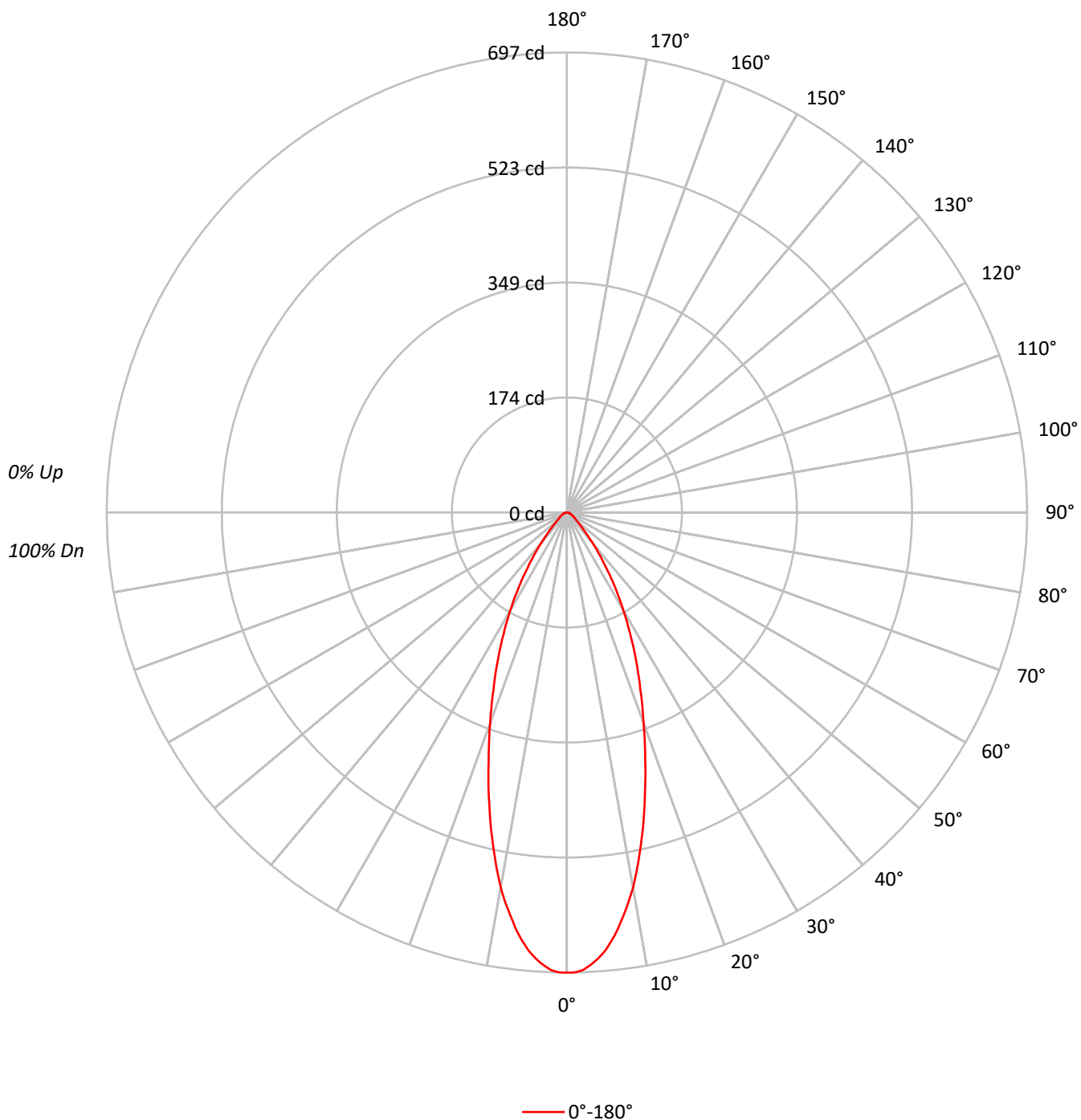
Lumens per Lamp: N/A
Luminaire Lumens: 421.0 lumens
Efficiency: N/A
Efficacy: 37.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264632

CATALOG NUMBER: P3A09R259730DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1264632

CATALOG NUMBER: P3A09R259730DE010 E3DLP1MW

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	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	152839
5°	146643
10°	128455
15°	103247
20°	79340
25°	60028
30°	43374
35°	28804
40°	17461
45°	10172
50°	6482
55°	5276
60°	4605
65°	4099
70°	3398
75°	3304
80°	2526
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10172 cd/sqm

TEST NUMBER: P1264632

CATALOG NUMBER: P3A09R259730DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.6	14.4
10°-20°	125.8	29.9
20°-30°	113.8	27.0
30°-40°	68.3	16.2
40°-50°	27.1	6.4
50°-60°	12.5	3.0
60°-70°	7.6	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°	300.2	71.3
0°-40°	368.5	87.5
0°-60°	408.1	96.9
0°-90°	421.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	421.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	697	
5°	666	61
15°	455	126
25°	248	114
35°	108	68
45°	33	27
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1264632

CATALOG NUMBER: P3A09R259730DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	697.0
1°	697.0
2°	693.8
3°	686.5
4°	677.3
5°	666.2
6°	651.7
7°	635.3
8°	616.3
9°	597.3
10°	576.9
11°	553.3
12°	529.0
13°	504.7
14°	480.4
15°	454.8
17.5°	394.5
20°	340.0
22.5°	290.8
25°	248.1
27.5°	208.1
30°	171.3
32.5°	137.8
35°	107.6
37.5°	82.0
40°	61.0
42.5°	44.6
45°	32.8
47.5°	24.9
50°	19.0
52.5°	15.8
55°	13.8
57.5°	11.8
60°	10.5
62.5°	8.5
65°	7.9
67.5°	6.6
70°	5.3
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: P1264632

CATALOG NUMBER: P3A09R259730DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)