

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: P1264846

Luminaire Tested: P3A09R659730DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264846
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659730DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

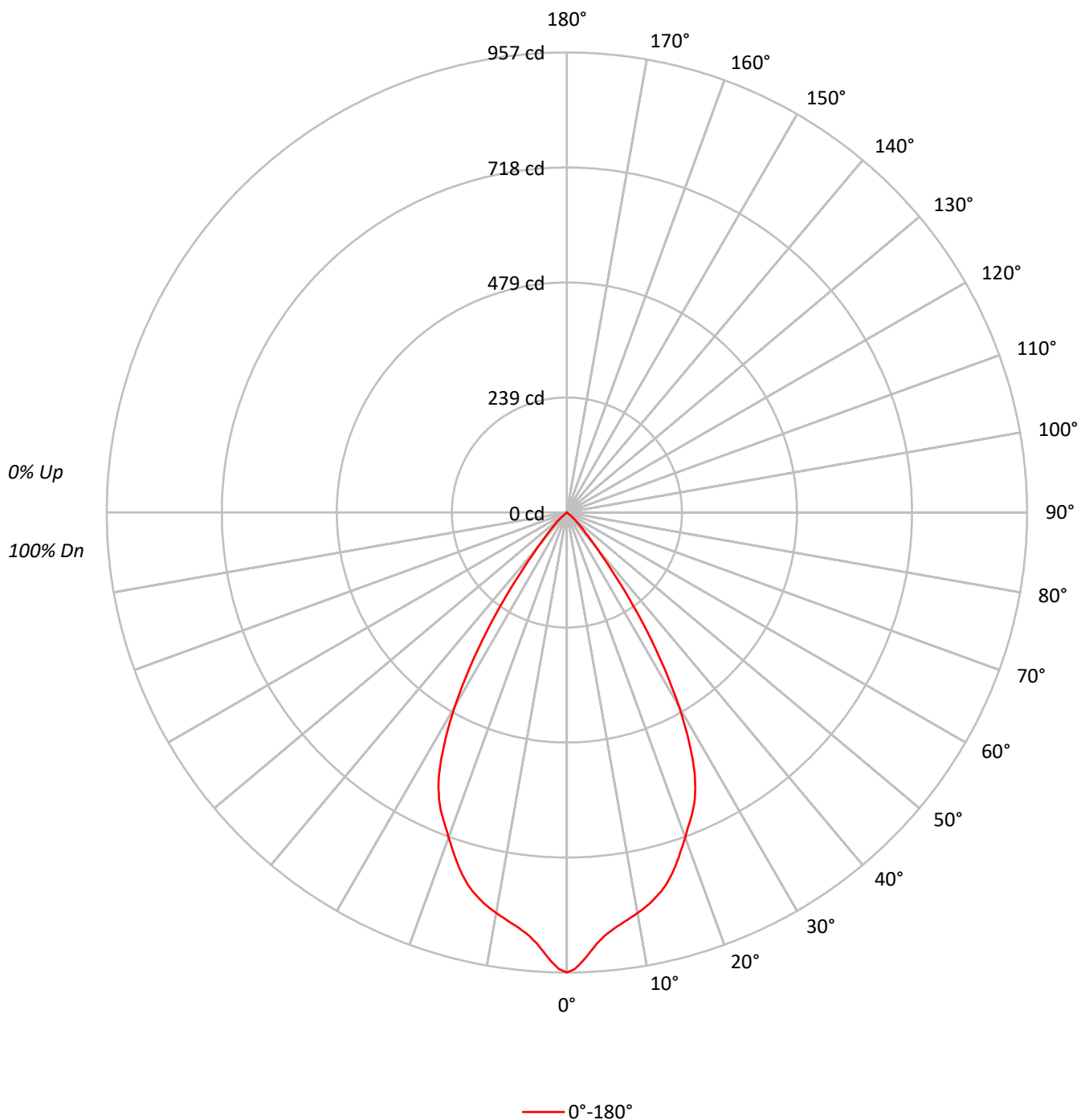
Lumens per Lamp: N/A
Luminaire Lumens: 783.0 lumens
Efficiency: N/A
Efficacy: 70.5 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264846

CATALOG NUMBER: P3A09R659730DE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1264846

CATALOG NUMBER: P3A09R659730DE010 E3D1LI

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	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	95	91	88	93	89	86		90	87	85		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	79	75	92	84	79	75	82	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	69		76	72	69		75
7	84	75	70	65	83	75	69	65	73	69	65		72	68	65		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		68
9	77	67	61	58	76	67	61	57	66	61	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°	209808
5°	194805
10°	188396
15°	181567
20°	167851
25°	152936
30°	118170
35°	68502
40°	27165
45°	11567
50°	2729
55°	382
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11567 cd/sqm

TEST NUMBER: P1264846

CATALOG NUMBER: P3A09R659730DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.5	10.7
10°-20°	222.8	28.5
20°-30°	282.0	36.0
30°-40°	160.6	20.5
40°-50°	31.9	4.1
50°-60°	1.6	0.2
60°-70°	0.4	0.1
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	588.4	75.1
0°-40°	749.0	95.7
0°-60°	782.5	99.9
0°-90°	783.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	783.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	957	
5°	885	83
15°	800	223
25°	632	282
35°	256	161
45°	37	32
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1264846

CATALOG NUMBER: P3A09R659730DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	956.8
1°	949.7
2°	934.3
3°	916.3
4°	898.6
5°	885.0
6°	875.1
7°	867.0
8°	859.9
9°	852.9
10°	846.1
11°	838.7
12°	831.0
13°	821.6
14°	811.7
15°	799.8
16°	785.6
17°	770.1
18°	753.4
19°	735.7
20°	719.3
21°	702.6
22°	687.4
23°	671.7
24°	653.3
25°	632.1
26°	606.7
27°	576.1
28°	541.6
29°	505.0
30°	466.7
31°	424.5
32°	382.7
32.5°	361.1
33°	340.2
34°	297.7
35°	255.9
36°	217.2
37°	178.9
37.5°	159.3
38°	143.5
39°	116.2
40°	94.9
42.5°	58.6
45°	37.3



TEST NUMBER: P1264846
CATALOG NUMBER: P3A09R659730DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	21.9
50°	8.0
52.5°	1.6
55°	1.0
57.5°	0.6
60°	0.6
62.5°	0.6
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)