

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: P1269603

Luminaire Tested: P3A09R659740DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269603
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: P3A09R659740DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

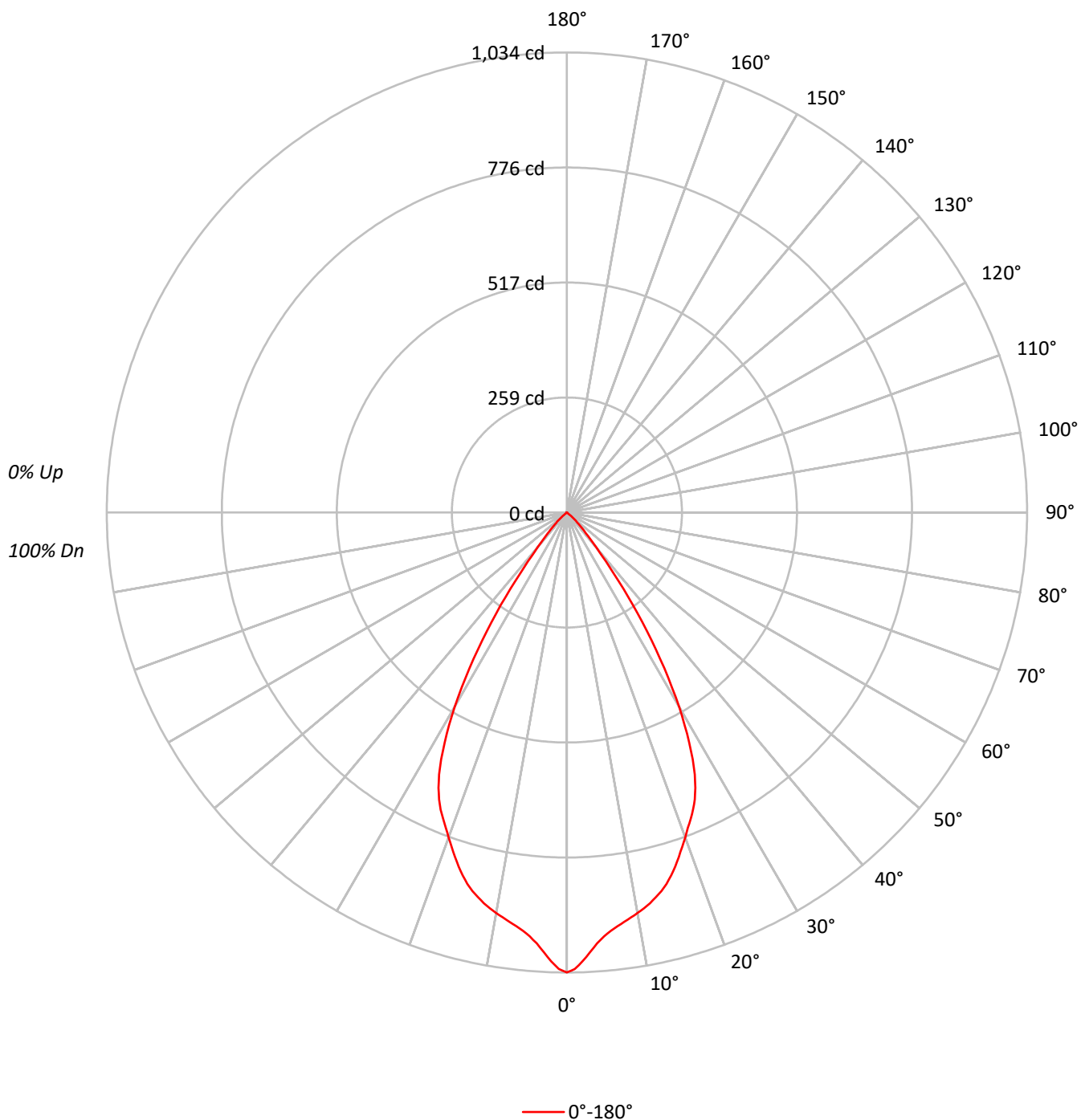
Lumens per Lamp: N/A
Luminaire Lumens: 845.9 lumens
Efficiency: N/A
Efficacy: 76.2 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269603

CATALOG NUMBER: P3A09R659740DE010 E3D1H

Luminous Intensity Polar Plot





TEST NUMBER: P1269603

CATALOG NUMBER: P3A09R659740DE010 E3D1H

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°	226692
5°	210499
10°	203559
15°	196165
20°	181362
25°	165227
30°	127665
35°	73990
40°	29369
45°	12497
50°	2968
55°	382
60°	307
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12497 cd/sqm

TEST NUMBER: P1269603

CATALOG NUMBER: P3A09R659740DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	10.7
10°-20°	240.8	28.5
20°-30°	304.7	36.0
30°-40°	173.5	20.5
40°-50°	34.5	4.1
50°-60°	1.8	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°	635.7	75.1
0°-40°	809.2	95.7
0°-60°	845.4	99.9
0°-90°	845.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	845.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1034	
5°	956	90
15°	864	241
25°	683	305
35°	276	174
45°	40	34
55°	1	2
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1269603

CATALOG NUMBER: P3A09R659740DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1033.8
1°	1026.1
2°	1009.5
3°	990.0
4°	970.9
5°	956.3
6°	945.5
7°	936.8
8°	929.1
9°	921.5
10°	914.2
11°	906.2
12°	897.8
13°	887.7
14°	877.0
15°	864.1
16°	848.8
17°	832.1
18°	814.0
19°	794.9
20°	777.2
21°	759.1
22°	742.7
23°	725.7
24°	705.9
25°	682.9
26°	655.5
27°	622.4
28°	585.2
29°	545.6
30°	504.2
31°	458.7
32°	413.4
32.5°	390.2
33°	367.5
34°	321.6
35°	276.4
36°	234.7
37°	193.3
37.5°	172.1
38°	155.1
39°	125.5
40°	102.6
42.5°	63.3
45°	40.3

TEST NUMBER: P1269603

CATALOG NUMBER: P3A09R659740DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	23.6
50°	8.7
52.5°	1.7
55°	1.0
57.5°	0.7
60°	0.7
62.5°	0.7
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)