

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: P1275914

Luminaire Tested: P3AS09R609835DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609835DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

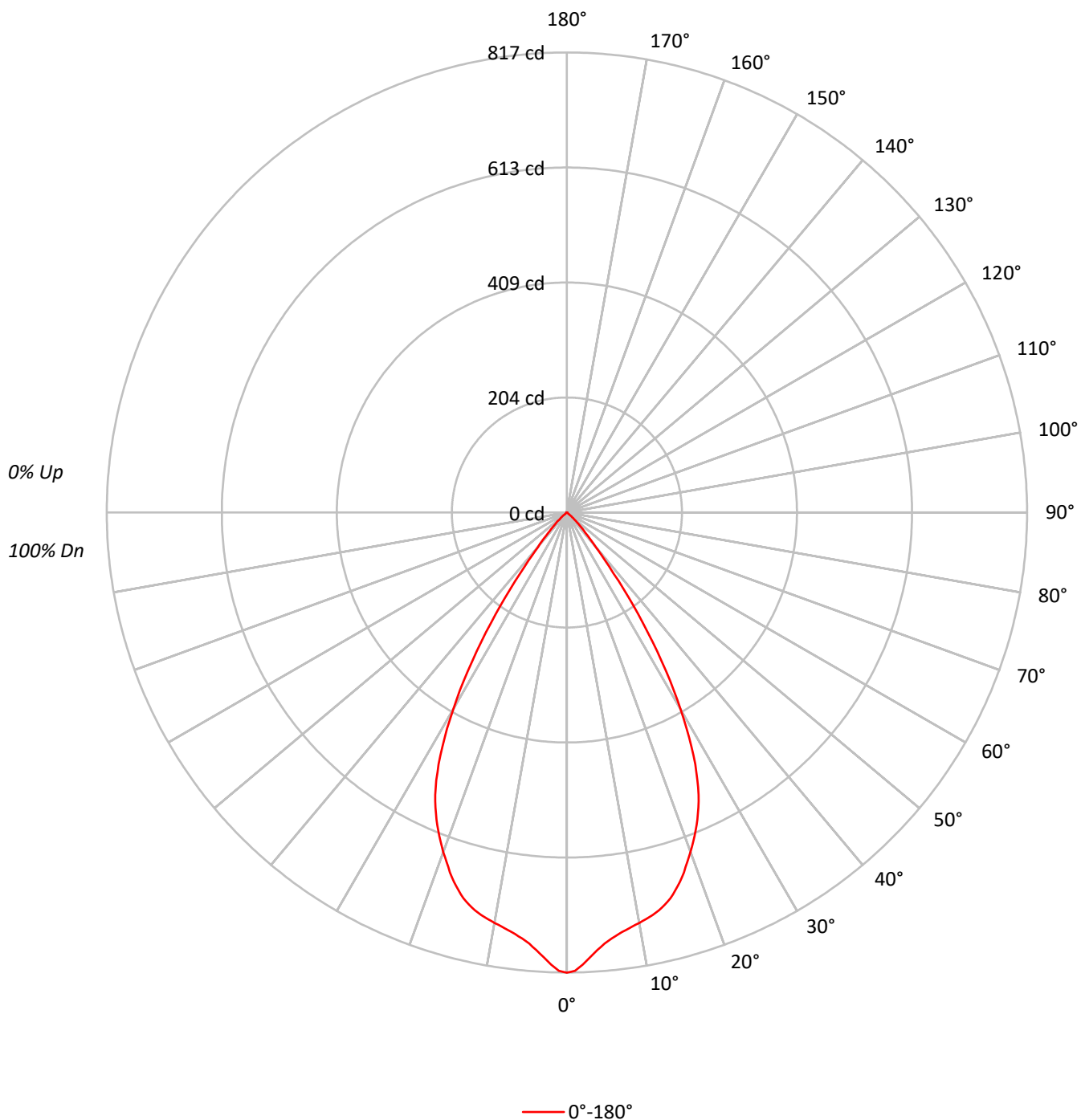
Lumens per Lamp: N/A
Luminaire Lumens: 684.1 lumens
Efficiency: N/A
Efficacy: 62.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1275914

CATALOG NUMBER: P3AS09R609835DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1275914

CATALOG NUMBER: P3AS09R609835DE010 E3D1WMH

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	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	179218
5°	169183
10°	164793
15°	161022
20°	149720
25°	133846
30°	102244
35°	59026
40°	22900
45°	9551
50°	2115
55°	306
60°	263
65°	156
70°	192
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9551 cd/sqm

TEST NUMBER: P1275914

CATALOG NUMBER: P3AS09R609835DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.6	10.6
10°-20°	197.6	28.9
20°-30°	247.5	36.2
30°-40°	138.3	20.2
40°-50°	26.3	3.8
50°-60°	1.4	0.2
60°-70°	0.3	0.0
70°-80°	0.1	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°	517.6	75.7
0°-40°	655.9	95.9
0°-60°	683.6	99.9
0°-90°	684.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	684.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	817	
5°	769	73
15°	709	198
25°	553	247
35°	220	138
45°	31	26
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1275914

CATALOG NUMBER: P3AS09R609835DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	817.3
1°	813.9
2°	803.3
3°	790.7
4°	779.0
5°	768.6
6°	760.8
7°	754.1
8°	749.0
9°	744.3
10°	740.1
11°	735.9
12°	731.1
13°	725.2
14°	718.2
15°	709.3
16°	698.4
17°	686.1
18°	672.1
19°	656.1
20°	641.6
21°	625.9
22°	609.7
23°	592.6
24°	573.9
25°	553.2
26°	528.8
27°	501.7
28°	471.2
29°	438.7
30°	403.8
31°	368.5
32°	332.1
32.5°	312.3
33°	294.4
34°	257.1
35°	220.5
36°	187.5
37°	152.5
37.5°	136.5
38°	120.9
39°	97.4
40°	80.0
42.5°	48.7
45°	30.8



TEST NUMBER: P1275914

CATALOG NUMBER: P3AS09R609835DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	17.1
50°	6.2
52.5°	1.4
55°	0.8
57.5°	0.6
60°	0.6
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.3
72.5°	0.3
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)