

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: P1286750

Luminaire Tested: P3AS09R259030D2WDE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286750
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259030D2WDE010 E3D1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3D1WM TRIM
Light Source: -
Ballast/Driver: -

Summary

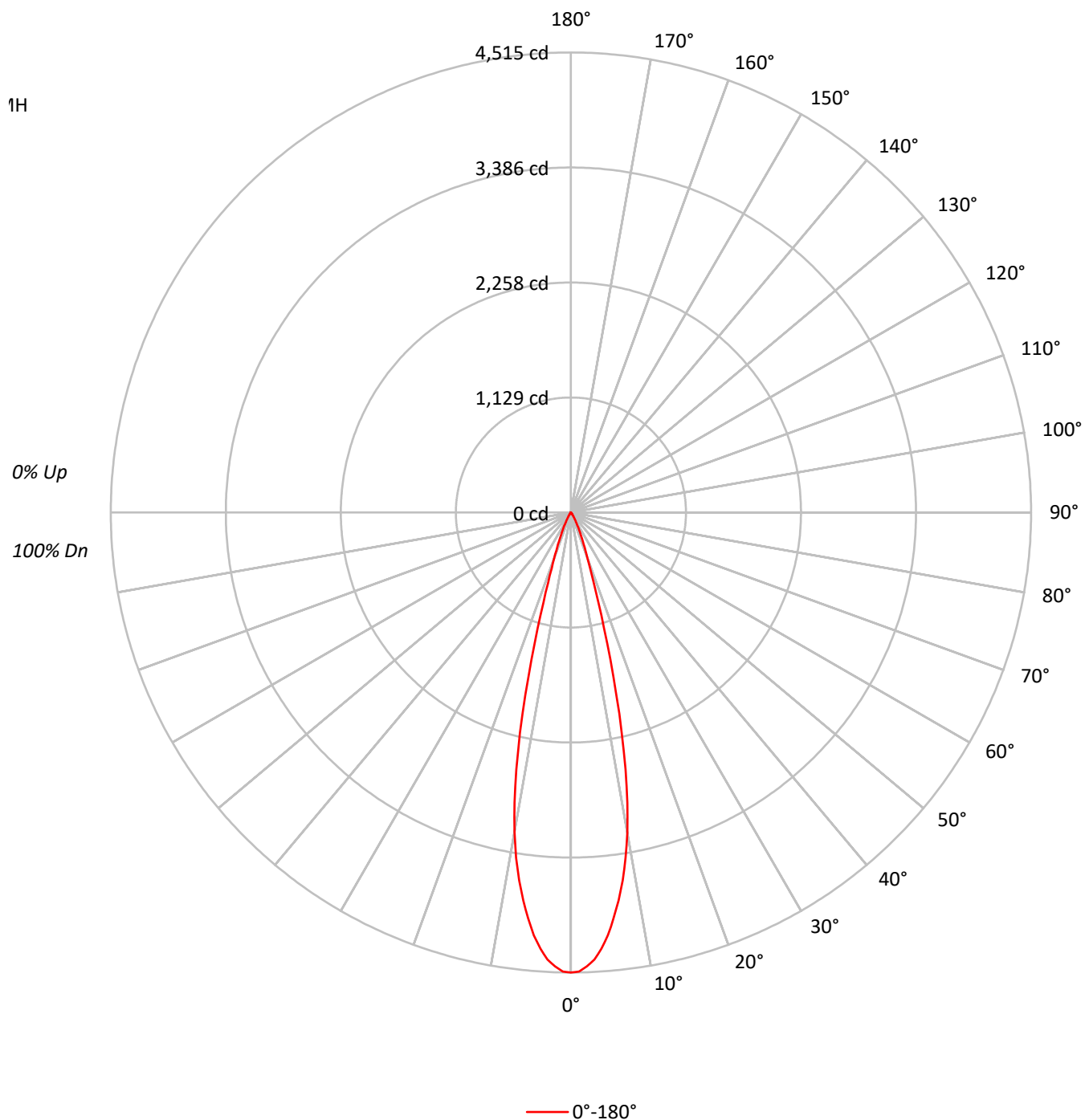
Lumens per Lamp: N/A
Luminaire Lumens: 904.0 lumens
Efficiency: N/A
Efficacy: 61.5 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.4
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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: P1286750

CATALOG NUMBER: P3AS09R259030D2WDE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1286750

CATALOG NUMBER: P3AS09R259030D2WDE010 E3D1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					50					30					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	110		113	111	110	108		107	106	105		104	103	102		100	99	99
2	112	108	106	103		110	107	104	102		104	102	100		101	99	98		98	97	96
3	109	104	101	98		107	103	100	97		100	98	96		98	96	94		96	94	93
4	106	101	97	94		104	100	96	94		98	95	92		96	93	91		94	92	90
5	103	97	93	91		101	96	93	90		95	92	90		93	91	89		92	90	88
6	100	94	90	88		99	94	90	87		92	89	87		91	88	86		90	88	86
7	98	92	88	85		97	91	87	85		90	87	84		89	86	84		88	86	84
8	95	89	85	83		94	89	85	83		88	85	82		87	84	82		86	84	82
9	93	87	83	81		92	86	83	80		86	83	80		85	82	80		84	82	80
10	91	85	81	79		90	84	81	79		84	81	78		83	80	78		83	80	78

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	990052
5°	917145
10°	709606
15°	338935
20°	111753
25°	47108
30°	18256
35°	7897
40°	2634
45°	1209
50°	443
55°	268
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1209 cd/sqm

TEST NUMBER: P1286750

CATALOG NUMBER: P3AS09R259030D2WDE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	366.2	40.5
10°-20°	416.5	46.1
20°-30°	96.8	10.7
30°-40°	20.3	2.2
40°-50°	3.3	0.4
50°-60°	0.6	0.1
60°-70°	0.3	0.0
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°	879.6	97.3
0°-40°	899.9	99.5
0°-60°	903.7	100.0
0°-90°	904.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	904.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4515	
5°	4167	366
15°	1493	417
25°	195	97
35°	30	20
45°	4	3
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1286750

CATALOG NUMBER: P3AS09R259030D2WDE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	4515.0
1°	4505.8
2°	4458.9
3°	4393.1
4°	4292.4
5°	4166.6
6°	4005.0
7°	3835.9
8°	3646.1
9°	3432.0
10°	3186.9
11°	2902.7
12°	2576.6
13°	2219.3
14°	1845.7
15°	1493.0
16°	1180.9
17°	920.0
18°	723.7
19°	578.8
20°	478.9
21°	400.2
22°	336.0
23°	280.6
24°	234.7
25°	194.7
27.5°	115.4
30°	72.1
32.5°	46.2
35°	29.5
37.5°	17.7
40°	9.2
42.5°	5.9
45°	3.9
47.5°	2.3
50°	1.3
52.5°	0.7
55°	0.7
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3
67.5°	0.3
70°	0.0
72.5°	0.0



TEST NUMBER: P1286750

CATALOG NUMBER: P3AS09R259030D2WDE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	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)