

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: P1286783

Luminaire Tested: P3AS09R309030D2WDE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286783
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309030D2WDE010 E3DL1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

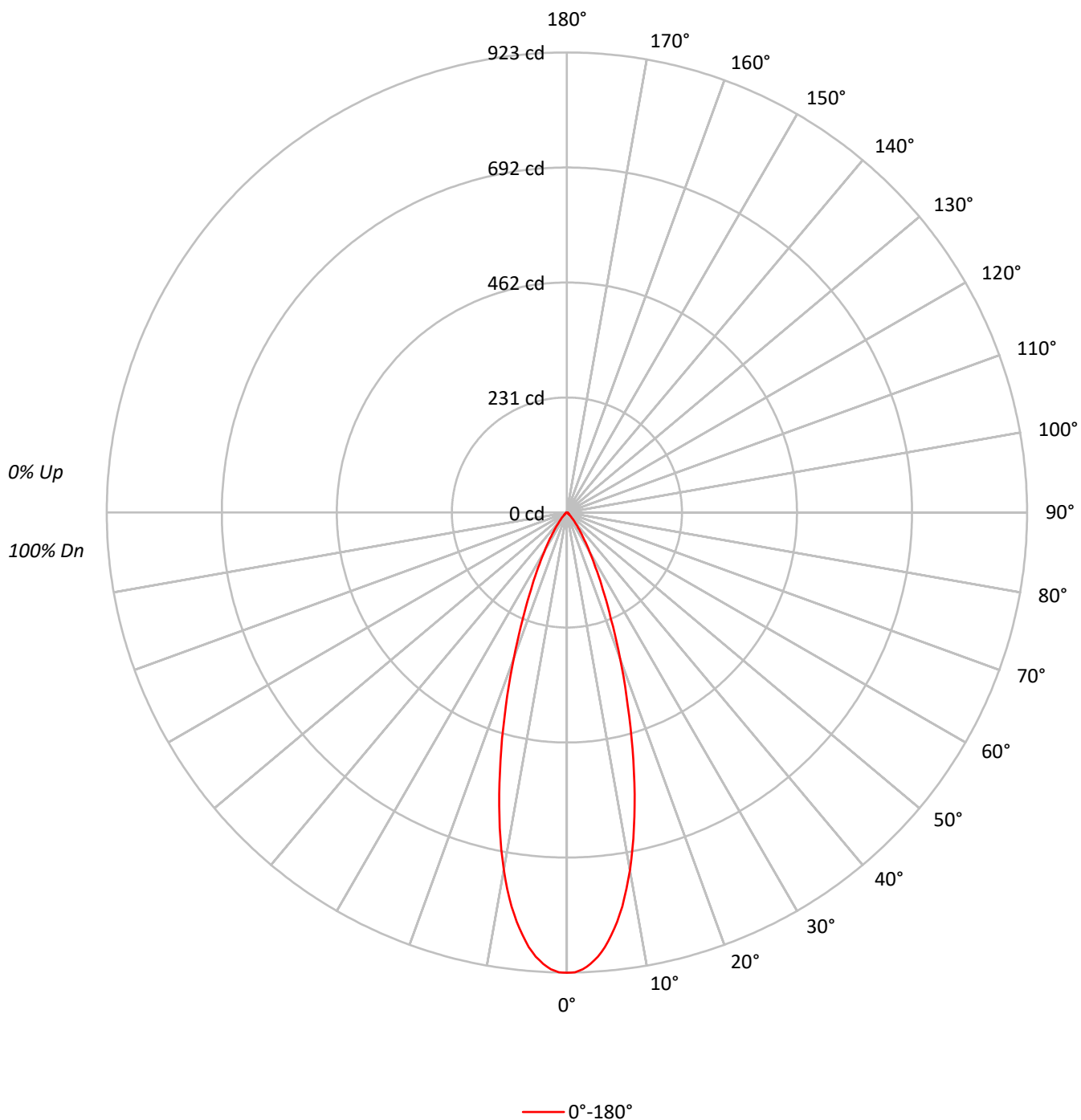
Lumens per Lamp: N/A
Luminaire Lumens: 347.0 lumens
Efficiency: N/A
Efficacy: 23.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1286783

CATALOG NUMBER: P3AS09R309030D2WDE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1286783

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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		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		86
4	101	95	90	86	99	94	89	86	92	88	85		90	87	84		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202484
5°	192714
10°	162099
15°	116913
20°	72526
25°	41252
30°	22915
35°	12448
40°	6555
45°	3566
50°	1910
55°	1262
60°	1140
65°	1193
70°	1026
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3566 cd/sqm

TEST NUMBER: P1286783

CATALOG NUMBER: P3AS09R309030D2WDE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.8	22.7
10°-20°	140.1	40.4
20°-30°	81.0	23.3
30°-40°	30.7	8.9
40°-50°	9.5	2.7
50°-60°	3.2	0.9
60°-70°	2.2	0.6
70°-80°	1.2	0.3
80°-90°	0.4	0.1
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°	300.0	86.4
0°-40°	330.7	95.3
0°-60°	343.3	98.9
0°-90°	347.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	347.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	923	
5°	876	79
15°	515	140
25°	170	81
35°	46	31
45°	12	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1286783

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CANDELA DISTRIBUTION (FULL):

0°	
0°	923.4
1°	922.8
2°	917.2
3°	906.7
4°	893.6
5°	875.5
6°	852.6
7°	827.0
8°	798.5
9°	764.4
10°	728.0
11°	688.7
12°	647.1
13°	603.5
14°	559.2
15°	515.0
17.5°	406.1
20°	310.8
22.5°	230.4
25°	170.5
27.5°	123.9
30°	90.5
32.5°	65.2
35°	46.5
37.5°	32.5
40°	22.9
42.5°	16.1
45°	11.5
47.5°	7.9
50°	5.6
52.5°	3.9
55°	3.3
57.5°	3.0
60°	2.6
62.5°	2.3
65°	2.3
67.5°	2.0
70°	1.6
72.5°	1.3
75°	1.0
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.0



TEST NUMBER: P1286783

CATALOG NUMBER: P3AS09R309030D2WDE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)