

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: P1286203

Luminaire Tested: P3AS02R509030D2WDE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286203
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509030D2WDE010 E3D1LI
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

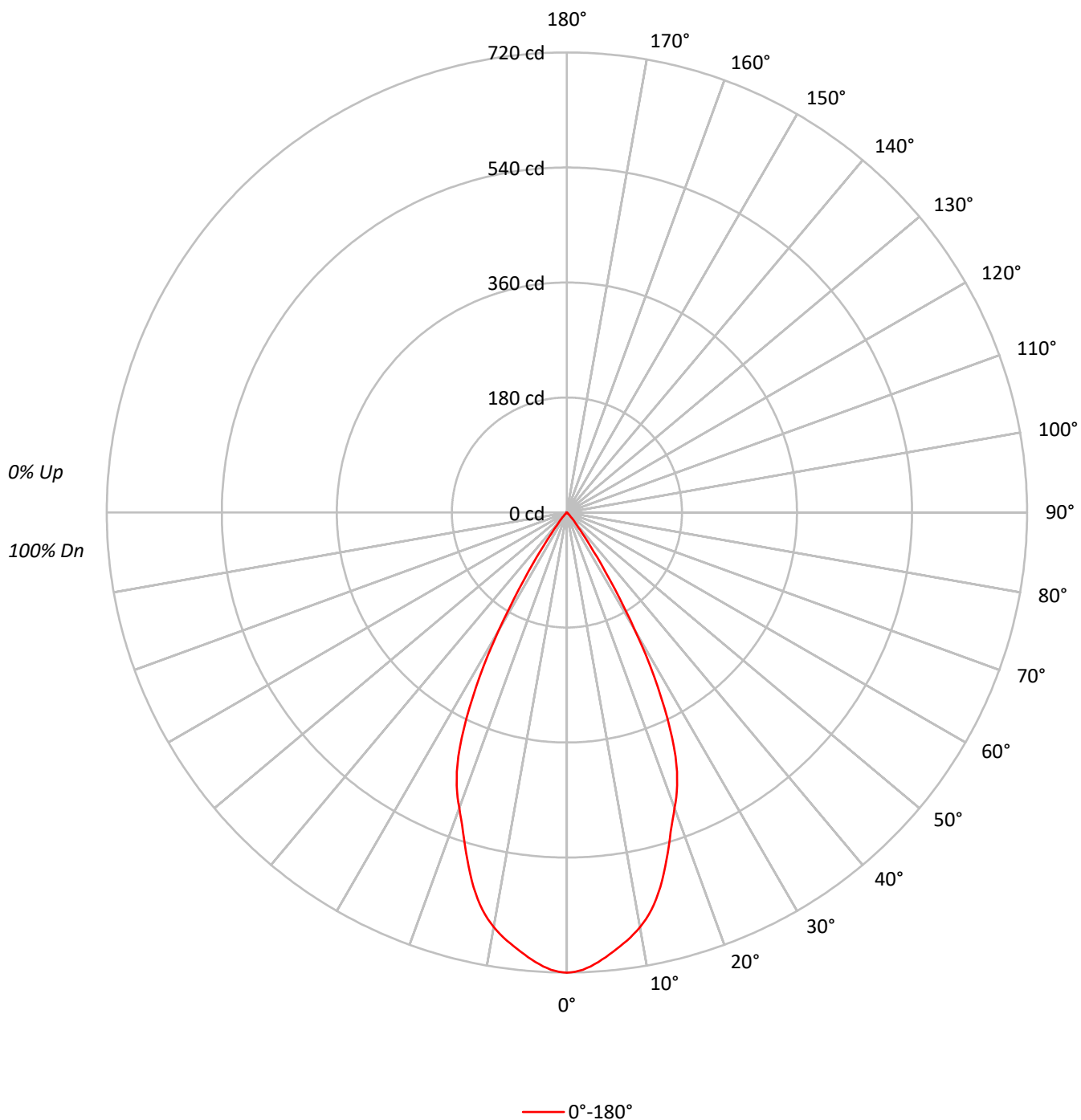
Lumens per Lamp: N/A
Luminaire Lumens: 452.0 lumens
Efficiency: N/A
Efficacy: 62.8 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1286203

CATALOG NUMBER: P3AS02R509030D2WDE010 E3D1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1286203

CATALOG NUMBER: P3AS02R509030D2WDE010 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	112	109	107	112	110	108	106	105	104	102		102	101	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	92	88	85	90	87	84		88	85	83		87
5	96	89	84	80	94	88	83	79	86	82	79		84	81	78		83
6	92	84	79	75	91	83	78	75	82	78	74		81	77	74		79
7	88	80	75	71	87	79	74	71	78	74	70		77	73	70		76
8	84	76	71	67	83	76	71	67	74	70	67		74	69	66		73
9	81	73	67	64	80	72	67	64	71	67	63		70	66	63		70
10	78	69	64	61	77	69	64	61	68	64	60		67	63	60		67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157948
5°	153753
10°	146713
15°	132827
20°	114927
25°	94264
30°	54160
35°	16811
40°	4523
45°	1582
50°	375
55°	115
60°	88
65°	104
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1582 cd/sqm

TEST NUMBER: P1286203

CATALOG NUMBER: P3AS02R509030D2WDE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.4	14.5
10°-20°	162.1	35.9
20°-30°	170.4	37.7
30°-40°	48.8	10.8
40°-50°	4.8	1.1
50°-60°	0.4	0.1
60°-70°	0.2	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°	398.0	88.0
0°-40°	446.7	98.8
0°-60°	451.9	100.0
0°-90°	452.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	452.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	698	65
15°	585	162
25°	390	170
35°	63	49
45°	5	5
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1286203

CATALOG NUMBER: P3AS02R509030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	720.3
1°	719.2
2°	716.0
3°	711.4
4°	705.2
5°	698.5
6°	691.3
7°	683.7
8°	676.5
9°	668.2
10°	658.9
11°	648.3
12°	636.0
13°	620.7
14°	604.1
15°	585.1
16°	565.0
17°	545.6
18°	525.6
19°	508.1
20°	492.5
21°	477.5
22°	460.4
23°	440.8
24°	417.8
25°	389.6
26°	359.0
27°	324.8
28°	290.9
29°	254.2
30°	213.9
31°	176.1
32°	141.3
32.5°	126.1
33°	110.8
34°	85.0
35°	62.8
36°	46.1
37°	34.3
37.5°	29.7
38°	25.7
39°	19.9
40°	15.8
42.5°	8.9
45°	5.1

TEST NUMBER: P1286203

CATALOG NUMBER: P3AS02R509030D2WDE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
47.5°	2.9
50°	1.1
52.5°	0.5
55°	0.3
57.5°	0.3
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.0
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)