

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: P1264089

Luminaire Tested: P3AS02R709730DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264089
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R709730DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

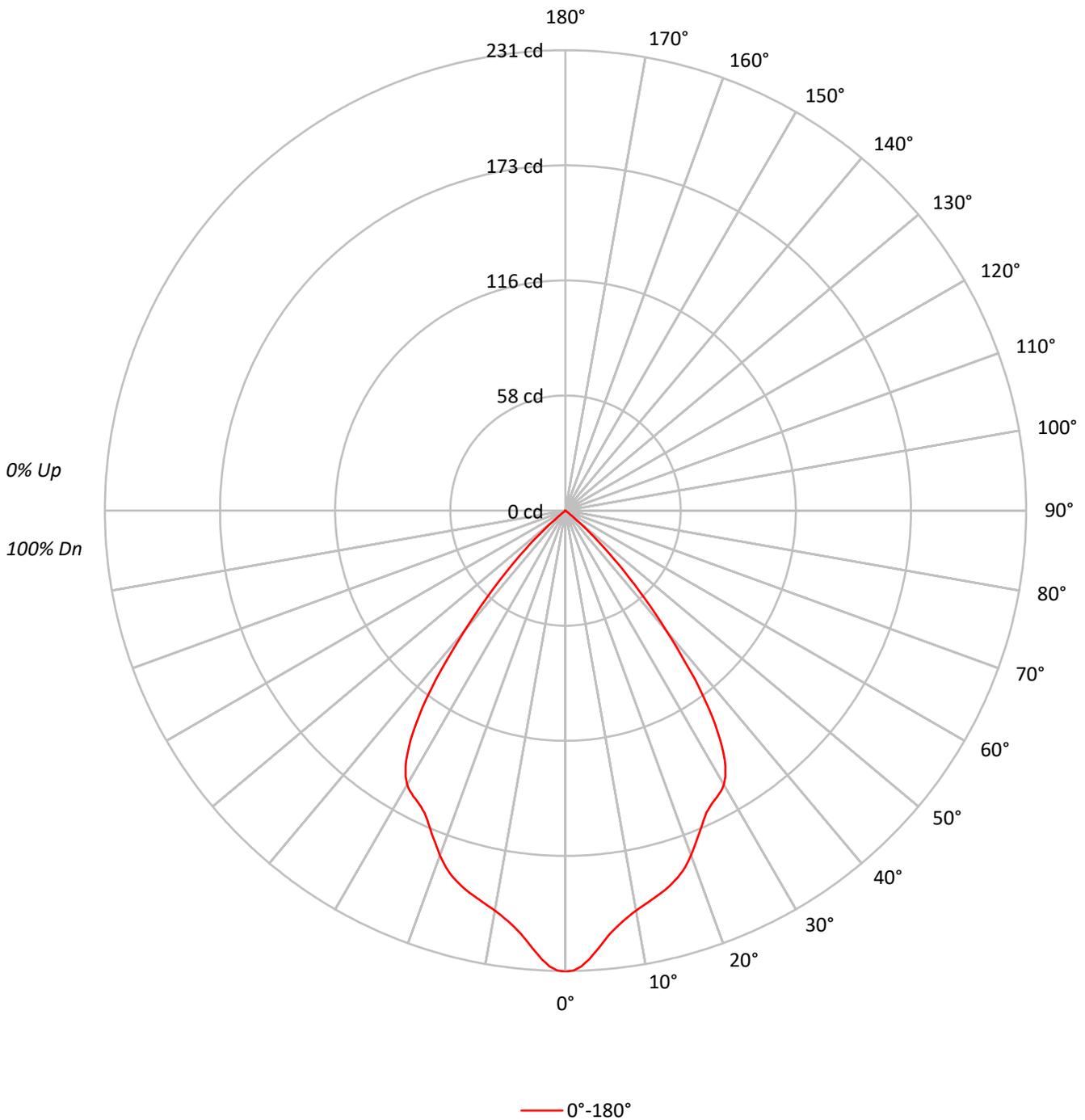
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 261.0 lumens
Efficiency: N/A
Efficacy: 72.5 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1264089
CATALOG NUMBER: P3AS02R709730DE010 E3D1WMH

Luminous Intensity Polar Plot





TEST NUMBER: P1264089

CATALOG NUMBER: P3AS02R709730DE010 E3D1WMH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			79
4	95	87	82	77	94	86	81	77	84	79	76	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	50742
5°	47854
10°	45379
15°	44563
20°	42960
25°	40478
30°	40209
35°	35014
40°	22642
45°	10699
50°	1501
55°	115
60°	88
65°	104
70°	64
75°	85
80°	126
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10699 cd/sqm



TEST NUMBER: P1264089
 CATALOG NUMBER: P3AS02R709730DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	7.8
10°-20°	55.1	21.1
20°-30°	78.0	29.9
30°-40°	78.4	30.0
40°-50°	28.2	10.8
50°-60°	0.7	0.3
60°-70°	0.2	0.1
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°	153.4	58.8
0°-40°	231.8	88.8
0°-60°	260.7	99.9
0°-90°	261.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	261.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	231	
5°	217	20
15°	196	55
25°	167	78
35°	131	78
45°	34	28
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1264089
CATALOG NUMBER: P3AS02R709730DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	231.4
1°	230.8
2°	228.8
3°	225.5
4°	221.5
5°	217.4
6°	213.5
7°	210.5
8°	207.9
9°	205.7
10°	203.8
11°	202.2
12°	200.7
13°	199.2
14°	197.8
15°	196.3
16°	194.5
17°	192.5
18°	190.2
19°	187.3
20°	184.1
21°	180.5
22°	177.0
23°	173.6
24°	170.2
25°	167.3
26°	165.3
27°	163.7
28°	162.4
29°	160.9
30°	158.8
31°	155.6
32°	151.3
32.5°	148.8
33°	145.5
34°	138.9
35°	130.8
36°	121.8
37°	111.6
37.5°	106.9
38°	100.4
39°	89.0
40°	79.1
42.5°	54.8
45°	34.5



TEST NUMBER: P1264089
CATALOG NUMBER: P3AS02R709730DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	18.5
50°	4.4
52.5°	0.5
55°	0.3
57.5°	0.3
60°	0.2
62.5°	0.2
65°	0.2
67.5°	0.1
70°	0.1
72.5°	0.1
75°	0.1
77.5°	0.1
80°	0.1
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)