

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: P1265289

Luminaire Tested: P3A13R709730DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265289
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: P3A13R709730DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

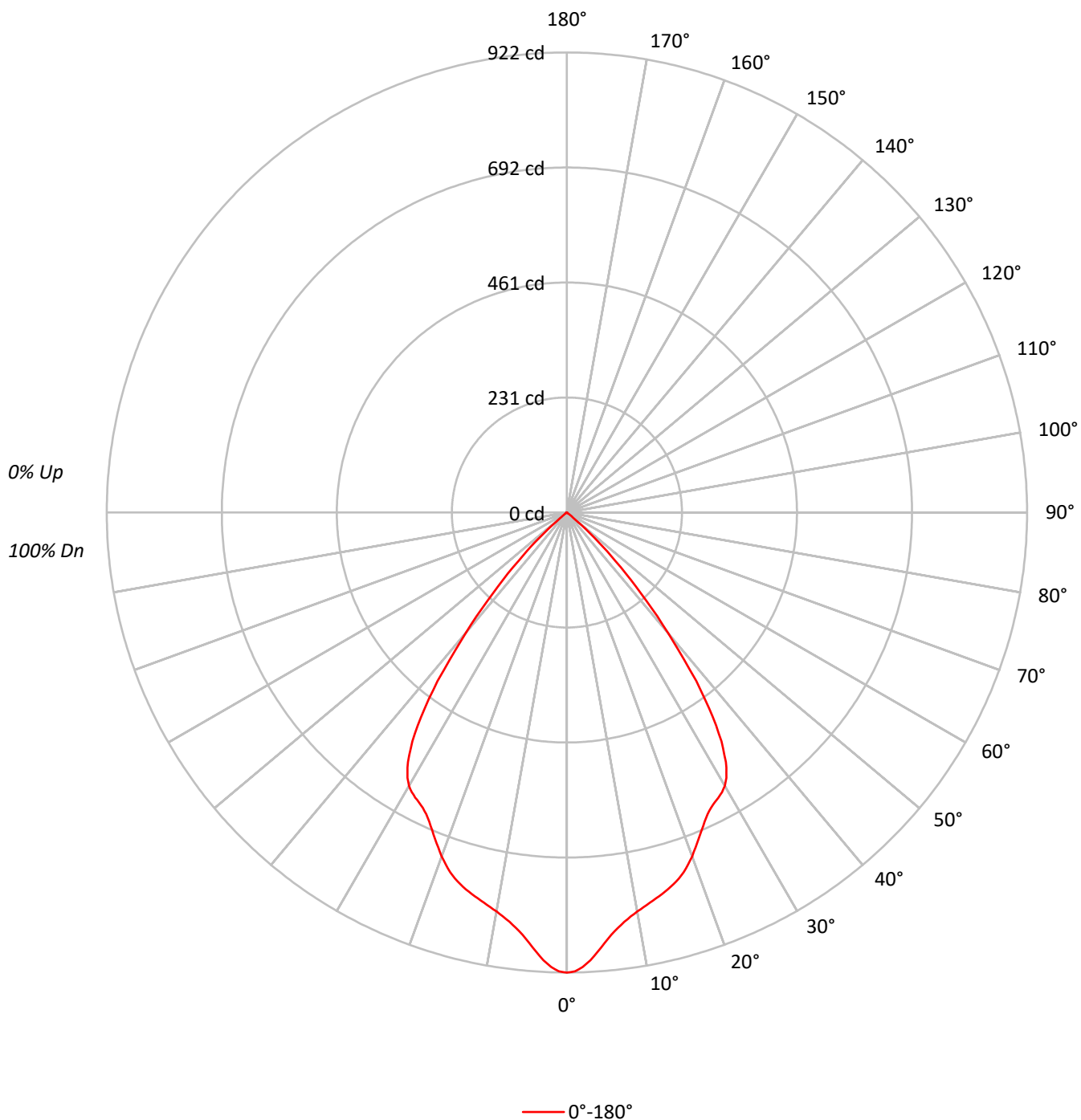
Lumens per Lamp: N/A
Luminaire Lumens: 1040.0 lumens
Efficiency: N/A
Efficacy: 71.2 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1265289

CATALOG NUMBER: P3A13R709730DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1265289

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202221
5°	190666
10°	180803
15°	177549
20°	171142
25°	161332
30°	160177
35°	139494
40°	90226
45°	42640
50°	5970
55°	497
60°	395
65°	467
70°	256
75°	339
80°	505
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 42640 cd/sqm

TEST NUMBER: P1265289

CATALOG NUMBER: P3A13R709730DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	7.8
10°-20°	219.6	21.1
20°-30°	310.7	29.9
30°-40°	312.2	30.0
40°-50°	112.3	10.8
50°-60°	3.0	0.3
60°-70°	0.7	0.1
70°-80°	0.4	0.0
80°-90°	0.1	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°	611.2	58.8
0°-40°	923.5	88.8
0°-60°	1038.8	99.9
0°-90°	1040.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1040.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	922	
5°	866	81
15°	782	220
25°	667	311
35°	521	312
45°	138	112
55°	1	3
65°	1	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1265289

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CANDELA DISTRIBUTION (FULL):

0°	
0°	922.2
1°	919.6
2°	911.5
3°	898.7
4°	882.5
5°	866.2
6°	850.9
7°	838.9
8°	828.2
9°	819.7
10°	812.0
11°	805.6
12°	799.6
13°	793.6
14°	788.1
15°	782.1
16°	774.8
17°	767.1
18°	757.8
19°	746.2
20°	733.4
21°	719.3
22°	705.2
23°	691.5
24°	678.3
25°	666.8
26°	658.7
27°	652.2
28°	647.1
29°	641.1
30°	632.6
31°	620.2
32°	602.7
32.5°	592.9
33°	579.6
34°	553.6
35°	521.1
36°	485.2
37°	444.7
37.5°	425.9
38°	400.2
39°	354.5
40°	315.2
42.5°	218.3
45°	137.5



TEST NUMBER: P1265289

CATALOG NUMBER: P3A13R709730DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	73.9
50°	17.5
52.5°	2.1
55°	1.3
57.5°	1.3
60°	0.9
62.5°	0.9
65°	0.9
67.5°	0.4
70°	0.4
72.5°	0.4
75°	0.4
77.5°	0.4
80°	0.4
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)