

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: P1267435

Luminaire Tested: P3A13R309735DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267435
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309735DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

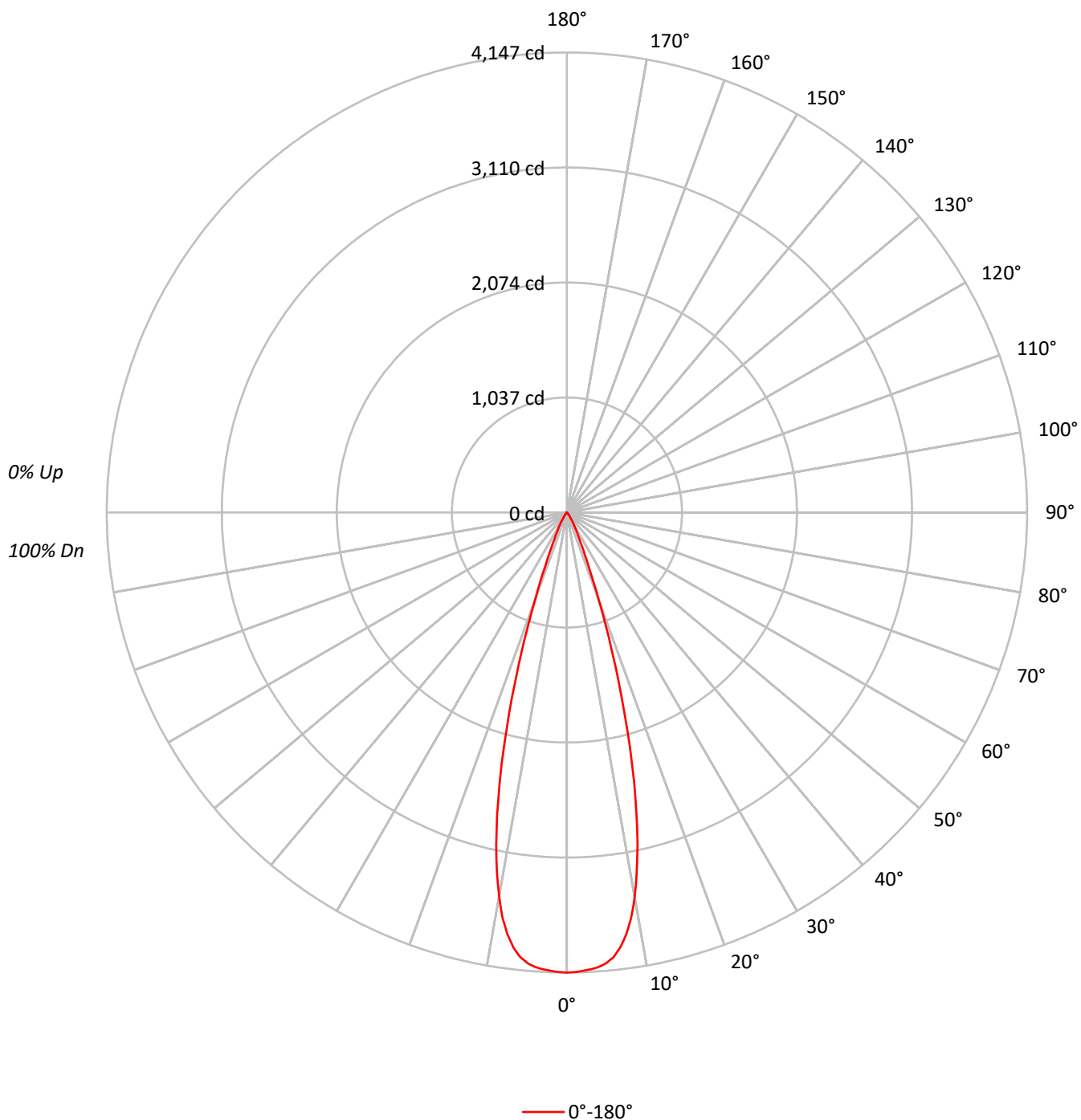
Lumens per Lamp: N/A
Luminaire Lumens: 1142.9 lumens
Efficiency: N/A
Efficacy: 78.3 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267435

CATALOG NUMBER: P3A13R309735DE010 E3D1LI

Luminous Intensity Polar Plot





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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	30	10	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97		
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	94		
3	108	103	100	97	106	102	99	96	99	97	95	97	95	93	95	93	92	90		
4	105	99	95	92	103	98	95	92	96	93	91	94	92	90	93	91	89	88		
5	101	96	92	89	100	95	91	88	93	90	87	92	89	87	90	88	86	85		
6	99	92	88	85	97	92	88	85	90	87	85	89	86	84	88	85	83	82		
7	96	89	85	82	95	89	85	82	88	84	82	87	84	81	86	83	81	80		
8	93	87	83	80	92	86	82	80	85	82	79	84	81	79	84	81	79	78		
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	82	79	77	76		
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	909401
5°	897554
10°	783642
15°	498096
20°	197347
25°	65907
30°	30663
35°	13893
40°	5324
45°	2605
50°	751
55°	344
60°	175
65°	208
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2605 cd/sqm

TEST NUMBER: P1267435

CATALOG NUMBER: P3A13R309735DE010 E3D1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	372.8	32.6
10°-20°	578.1	50.6
20°-30°	149.1	13.0
30°-40°	35.0	3.1
40°-50°	6.8	0.6
50°-60°	0.8	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°	1100.0	96.2
0°-40°	1135.0	99.3
0°-60°	1142.6	100.0
0°-90°	1142.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1142.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4147	
5°	4078	373
15°	2194	578
25°	272	149
35°	52	35
45°	8	7
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1267435

CATALOG NUMBER: P3A13R309735DE010 E3D1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	4147.2
1°	4144.1
2°	4134.4
3°	4123.3
4°	4106.8
5°	4077.6
6°	4030.1
7°	3951.1
8°	3843.3
9°	3702.6
10°	3519.4
11°	3301.5
12°	3063.7
13°	2790.0
14°	2503.3
15°	2194.1
16°	1891.0
17°	1599.1
18°	1319.1
19°	1062.2
20°	845.7
21°	665.5
22°	523.6
23°	414.4
24°	331.9
25°	272.4
26°	227.2
27°	193.0
28°	166.8
29°	142.9
30°	121.1
32.5°	76.3
35°	51.9
37.5°	32.4
40°	18.6
42.5°	12.4
45°	8.4
47.5°	4.9
50°	2.2
52.5°	0.9
55°	0.9
57.5°	0.4
60°	0.4
62.5°	0.4
65°	0.4



TEST NUMBER: P1267435
CATALOG NUMBER: P3A13R309735DE010 E3D1LI

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.4
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)