

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: P1251973

Luminaire Tested: P3AS13R309030DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251973
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

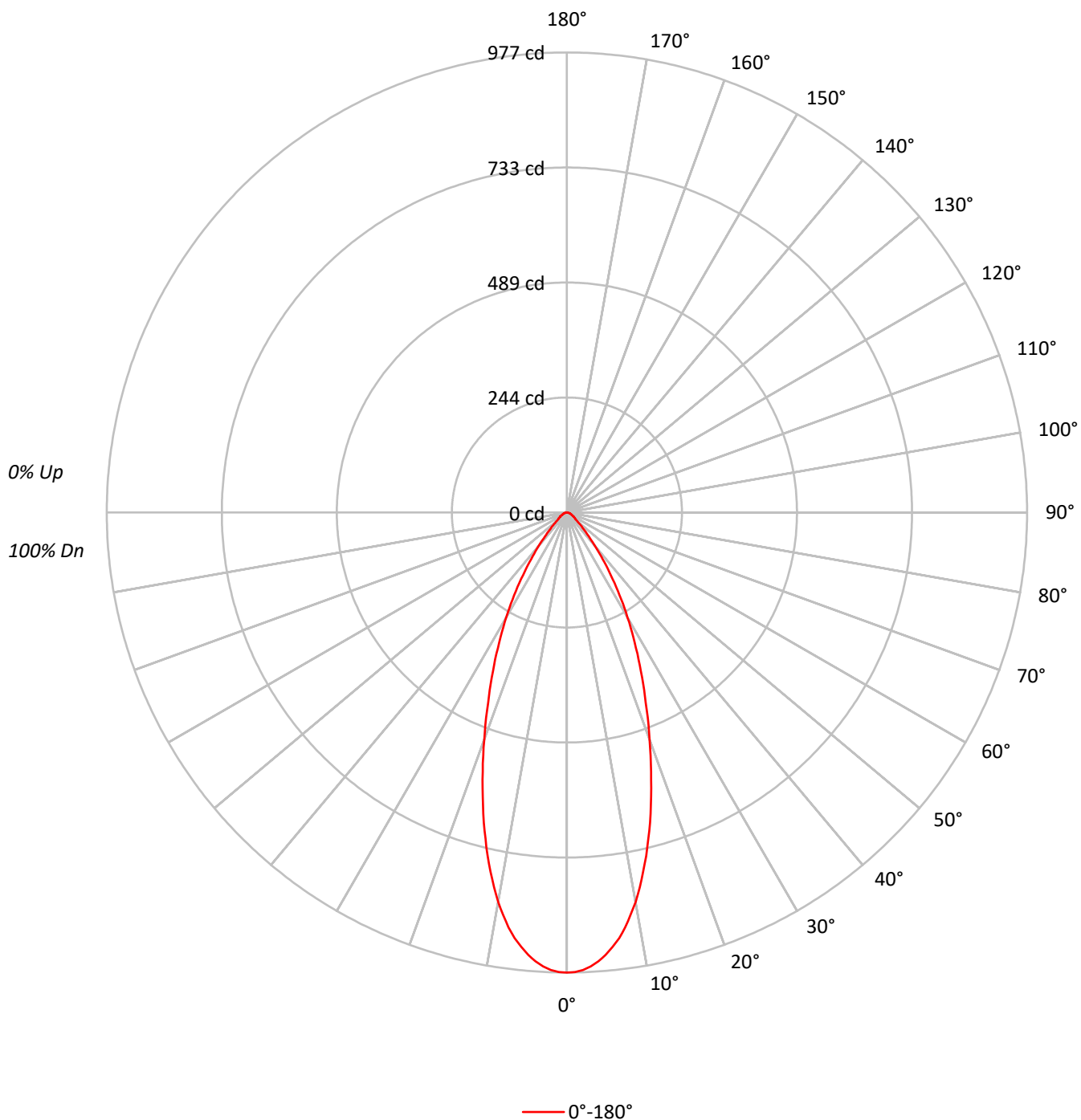
Lumens per Lamp: N/A
Luminaire Lumens: 627.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251973

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1251973

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1H

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	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	214259
5°	207594
10°	187037
15°	154711
20°	119780
25°	89860
30°	65225
35°	43473
40°	26707
45°	15692
50°	9620
55°	7799
60°	6842
65°	5552
70°	5001
75°	4914
80°	3662
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15692 cd/sqm

TEST NUMBER: P1251973

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	13.8
10°-20°	187.7	29.9
20°-30°	170.8	27.2
30°-40°	103.3	16.5
40°-50°	41.4	6.6
50°-60°	18.3	2.9
60°-70°	11.0	1.8
70°-80°	6.0	1.0
80°-90°	1.7	0.3
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°	445.2	71.0
0°-40°	548.5	87.5
0°-60°	608.2	97.0
0°-90°	627.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	627.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	977	
5°	943	87
15°	682	188
25°	371	171
35°	162	103
45°	51	41
55°	20	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1251973

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	977.1
1°	976.1
2°	972.2
3°	965.4
4°	955.7
5°	943.1
6°	927.5
7°	911.0
8°	889.6
9°	865.3
10°	840.0
11°	810.8
12°	779.7
13°	748.6
14°	714.6
15°	681.5
17.5°	595.0
20°	513.3
22.5°	437.5
25°	371.4
27.5°	311.1
30°	257.6
32.5°	208.1
35°	162.4
37.5°	124.4
40°	93.3
42.5°	68.1
45°	50.6
47.5°	37.9
50°	28.2
52.5°	22.4
55°	20.4
57.5°	17.5
60°	15.6
62.5°	12.6
65°	10.7
67.5°	9.7
70°	7.8
72.5°	6.8
75°	5.8
77.5°	4.9
80°	2.9
82.5°	1.9
85°	1.9
87.5°	1.0



TEST NUMBER: P1251973

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)