

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: P1251972

Luminaire Tested: P3AS13R309030DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251972
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 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

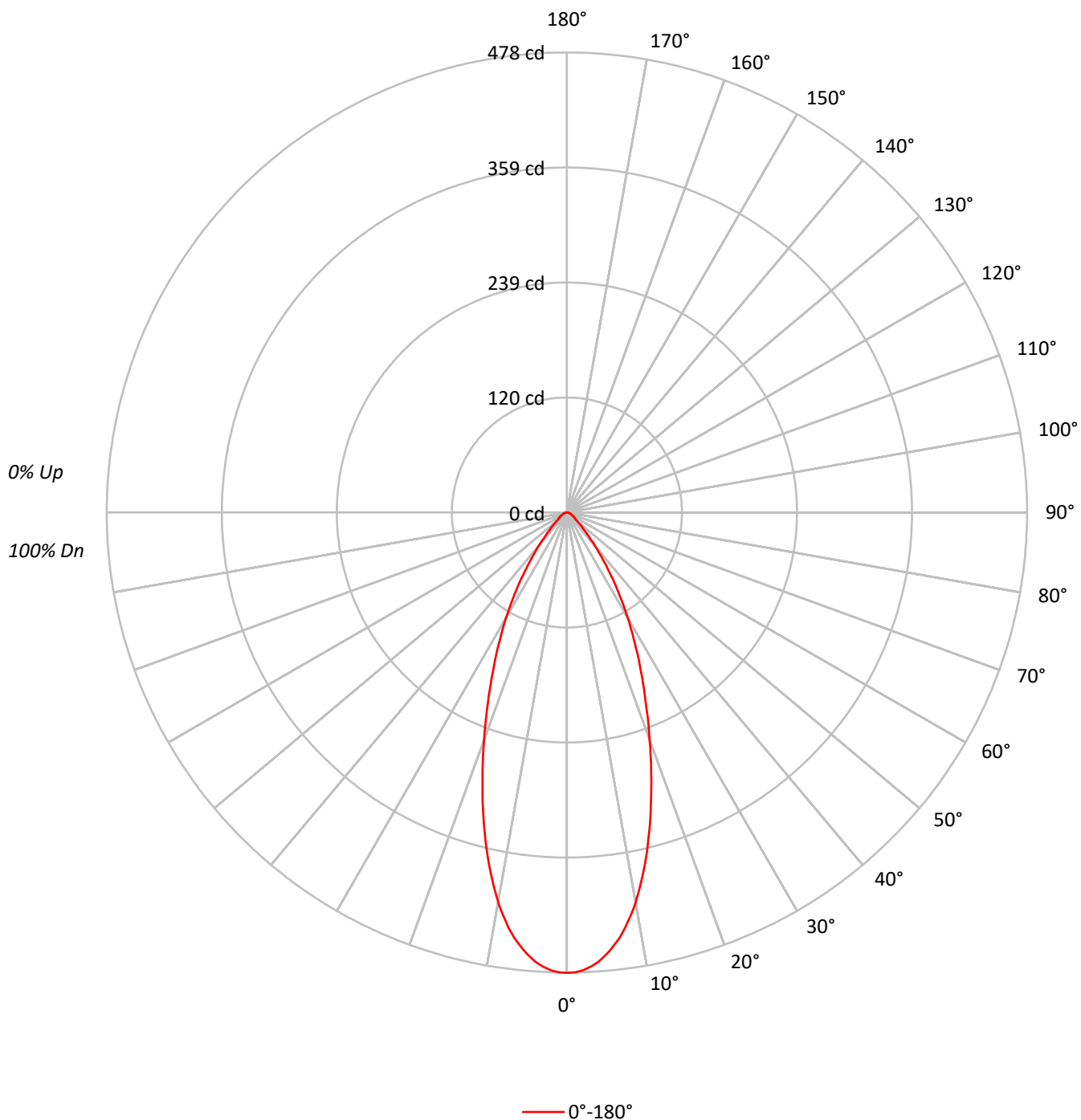
Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 21.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251972

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1251972

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1GPH

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	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104904
5°	101651
10°	91581
15°	75755
20°	58642
25°	43986
30°	31929
35°	21282
40°	13082
45°	7691
50°	4708
55°	3823
60°	3333
65°	2698
70°	2436
75°	2457
80°	1768
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7691 cd/sqm

TEST NUMBER: P1251972

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.5	13.8
10°-20°	91.9	29.9
20°-30°	83.6	27.2
30°-40°	50.6	16.5
40°-50°	20.3	6.6
50°-60°	9.0	2.9
60°-70°	5.4	1.8
70°-80°	3.0	1.0
80°-90°	0.9	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°	218.0	71.0
0°-40°	268.5	87.5
0°-60°	297.8	97.0
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	462	42
15°	334	92
25°	182	84
35°	80	51
45°	25	20
55°	10	9
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1251972

CATALOG NUMBER: P3AS13R309030DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	478.4
1°	477.9
2°	476.0
3°	472.7
4°	467.9
5°	461.8
6°	454.1
7°	446.0
8°	435.6
9°	423.7
10°	411.3
11°	397.0
12°	381.8
13°	366.5
14°	349.9
15°	333.7
17.5°	291.3
20°	251.3
22.5°	214.2
25°	181.8
27.5°	152.3
30°	126.1
32.5°	101.9
35°	79.5
37.5°	60.9
40°	45.7
42.5°	33.3
45°	24.8
47.5°	18.6
50°	13.8
52.5°	10.9
55°	10.0
57.5°	8.6
60°	7.6
62.5°	6.2
65°	5.2
67.5°	4.8
70°	3.8
72.5°	3.3
75°	2.9
77.5°	2.4
80°	1.4
82.5°	1.0
85°	1.0
87.5°	0.5



TEST NUMBER: P1251972
CATALOG NUMBER: P3AS13R309030DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)