

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: P1259983

Luminaire Tested: P3AS13R309050DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259983
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: P3AS13R309050DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

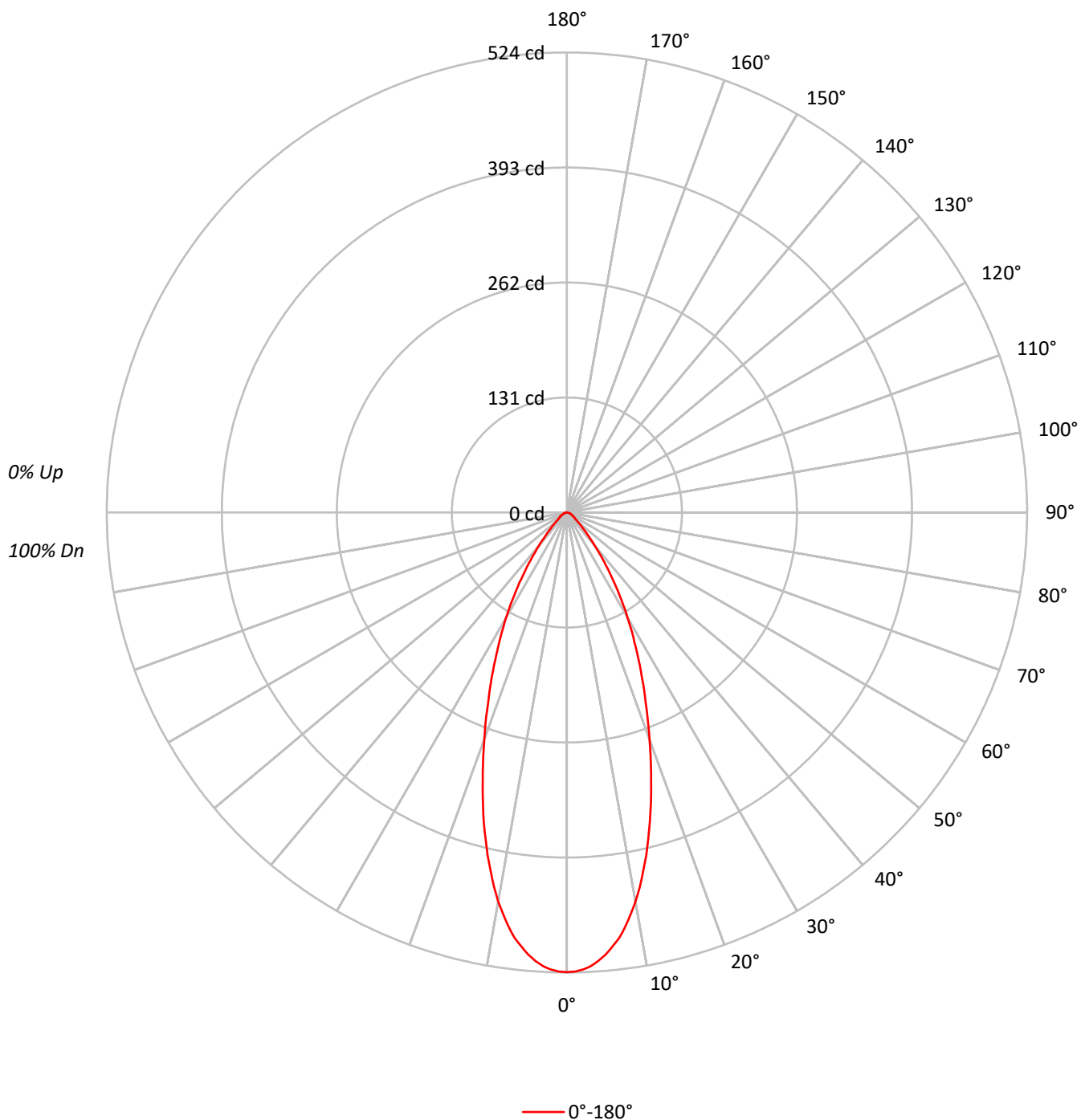
Lumens per Lamp: N/A
Luminaire Lumens: 336.0 lumens
Efficiency: N/A
Efficacy: 23.0 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1259983

CATALOG NUMBER: P3AS13R309050DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1259983

CATALOG NUMBER: P3AS13R309050DE010 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	101		100	99	98		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		68	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°	114815
5°	111248
10°	100221
15°	82906
20°	64196
25°	48148
30°	34967
35°	23289
40°	14313
45°	8404
50°	5151
55°	4167
60°	3640
65°	2958
70°	2693
75°	2626
80°	2020
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8404 cd/sqm

TEST NUMBER: P1259983

CATALOG NUMBER: P3AS13R309050DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.5	13.8
10°-20°	100.6	29.9
20°-30°	91.5	27.2
30°-40°	55.3	16.5
40°-50°	22.2	6.6
50°-60°	9.8	2.9
60°-70°	5.9	1.8
70°-80°	3.2	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°	238.6	71.0
0°-40°	293.9	87.5
0°-60°	325.9	97.0
0°-90°	336.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	336.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	524	
5°	505	46
15°	365	101
25°	199	92
35°	87	55
45°	27	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1259983

CATALOG NUMBER: P3AS13R309050DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	523.6
1°	523.1
2°	521.0
3°	517.4
4°	512.1
5°	505.4
6°	497.0
7°	488.2
8°	476.7
9°	463.7
10°	450.1
11°	434.5
12°	417.8
13°	401.2
14°	382.9
15°	365.2
17.5°	318.9
20°	275.1
22.5°	234.5
25°	199.0
27.5°	166.7
30°	138.1
32.5°	111.5
35°	87.0
37.5°	66.7
40°	50.0
42.5°	36.5
45°	27.1
47.5°	20.3
50°	15.1
52.5°	12.0
55°	10.9
57.5°	9.4
60°	8.3
62.5°	6.8
65°	5.7
67.5°	5.2
70°	4.2
72.5°	3.6
75°	3.1
77.5°	2.6
80°	1.6
82.5°	1.0
85°	1.0
87.5°	0.5



TEST NUMBER: P1259983

CATALOG NUMBER: P3AS13R309050DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)