

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: P1270175

Luminaire Tested: P3A17R309740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270175
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: P3A17R309740DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

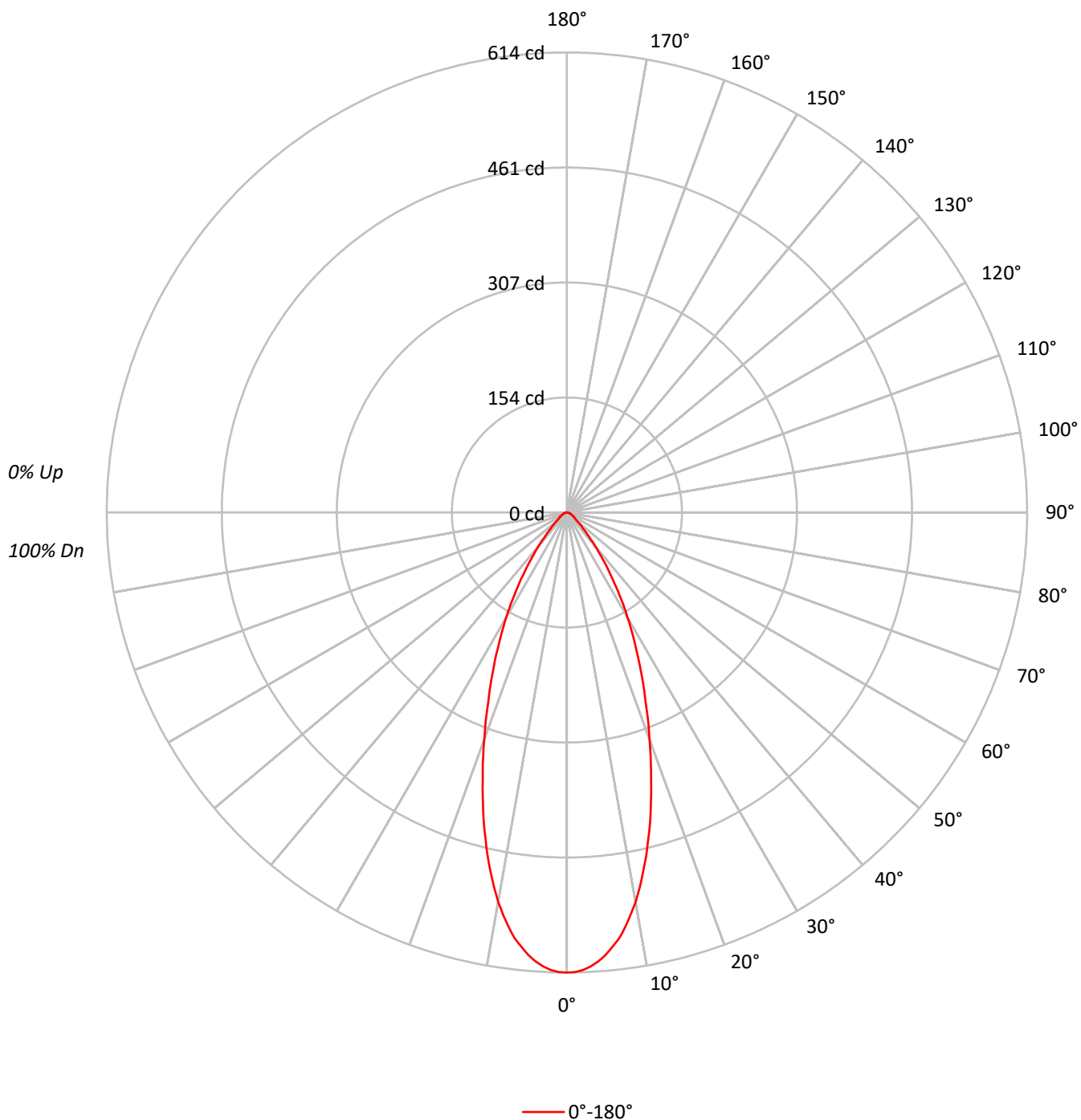
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 18.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1270175

CATALOG NUMBER: P3A17R309740DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1270175

CATALOG NUMBER: P3A17R309740DE010 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	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134638
5°	130442
10°	117544
15°	97231
20°	75280
25°	56471
30°	40994
35°	27305
40°	16803
45°	9861
50°	6038
55°	4893
60°	4298
65°	3476
70°	3142
75°	3135
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

TEST NUMBER: P1270175

CATALOG NUMBER: P3A17R309740DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.5	13.8
10°-20°	118.0	29.9
20°-30°	107.3	27.2
30°-40°	64.9	16.5
40°-50°	26.0	6.6
50°-60°	11.5	2.9
60°-70°	6.9	1.8
70°-80°	3.8	1.0
80°-90°	1.1	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°	279.8	71.0
0°-40°	344.7	87.5
0°-60°	382.2	97.0
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	614	
5°	593	55
15°	428	118
25°	233	107
35°	102	65
45°	32	26
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1270175

CATALOG NUMBER: P3A17R309740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	614.0
1°	613.4
2°	610.9
3°	606.7
4°	600.6
5°	592.6
6°	582.8
7°	572.5
8°	559.0
9°	543.7
10°	527.9
11°	509.5
12°	490.0
13°	470.4
14°	449.0
15°	428.3
17.5°	373.9
20°	322.6
22.5°	274.9
25°	233.4
27.5°	195.5
30°	161.9
32.5°	130.7
35°	102.0
37.5°	78.2
40°	58.7
42.5°	42.8
45°	31.8
47.5°	23.8
50°	17.7
52.5°	14.1
55°	12.8
57.5°	11.0
60°	9.8
62.5°	7.9
65°	6.7
67.5°	6.1
70°	4.9
72.5°	4.3
75°	3.7
77.5°	3.1
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



TEST NUMBER: P1270175

CATALOG NUMBER: P3A17R309740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)