

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: P1265405

Luminaire Tested: P3A17R309730DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265405
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

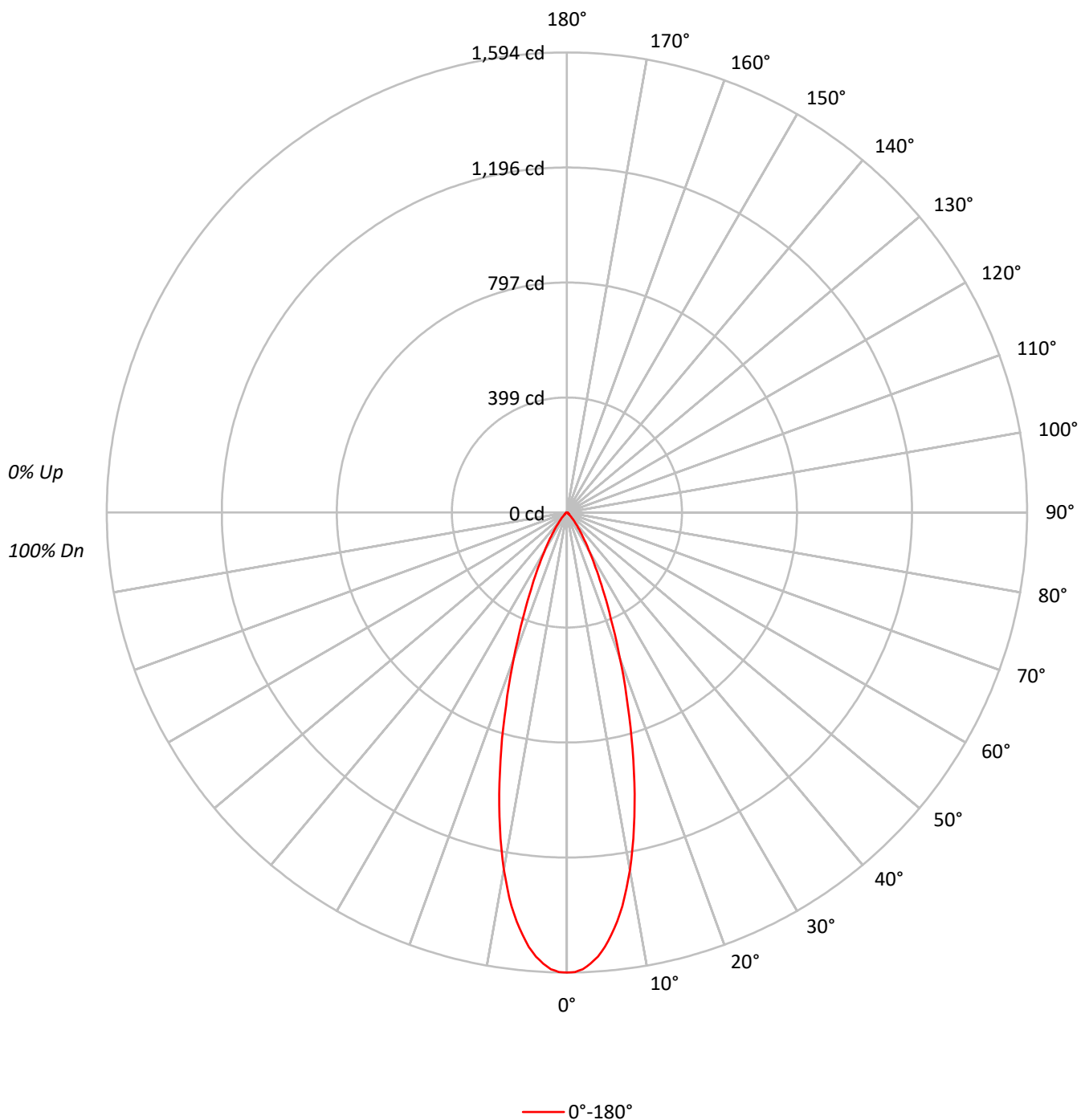
Lumens per Lamp: N/A
Luminaire Lumens: 599.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265405

CATALOG NUMBER: P3A17R309730DE010 E3DL1GPH

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			0
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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87	86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83	82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65	63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	349533
5°	332687
10°	279843
15°	201817
20°	125171
25°	71182
30°	39550
35°	21522
40°	11336
45°	6140
50°	3275
55°	2179
60°	1974
65°	2075
70°	1795
75°	1440
80°	1389
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6140 cd/sqm

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CATALOG NUMBER: P3A17R309730DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.1	22.7
10°-20°	241.9	40.4
20°-30°	139.8	23.3
30°-40°	53.1	8.9
40°-50°	16.3	2.7
50°-60°	5.5	0.9
60°-70°	3.7	0.6
70°-80°	2.0	0.3
80°-90°	0.6	0.1
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°	517.8	86.4
0°-40°	570.9	95.3
0°-60°	592.7	98.9
0°-90°	599.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	599.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1594	
5°	1511	136
15°	889	242
25°	294	140
35°	80	53
45°	20	16
55°	6	5
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1594.0
1°	1592.9
2°	1583.3
3°	1565.1
4°	1542.5
5°	1511.4
6°	1471.8
7°	1427.6
8°	1378.4
9°	1319.6
10°	1256.8
11°	1188.9
12°	1117.0
13°	1041.7
14°	965.3
15°	889.0
17.5°	701.1
20°	536.4
22.5°	397.8
25°	294.2
27.5°	213.9
30°	156.2
32.5°	112.6
35°	80.4
37.5°	56.0
40°	39.6
42.5°	27.7
45°	19.8
47.5°	13.6
50°	9.6
52.5°	6.8
55°	5.7
57.5°	5.1
60°	4.5
62.5°	4.0
65°	4.0
67.5°	3.4
70°	2.8
72.5°	2.3
75°	1.7
77.5°	1.7
80°	1.1
82.5°	1.1
85°	0.6
87.5°	0.0



TEST NUMBER: P1265405
CATALOG NUMBER: P3A17R309730DE010 E3DL1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)