

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: P1265531

Luminaire Tested: P3AS17R509730DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265531
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509730DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

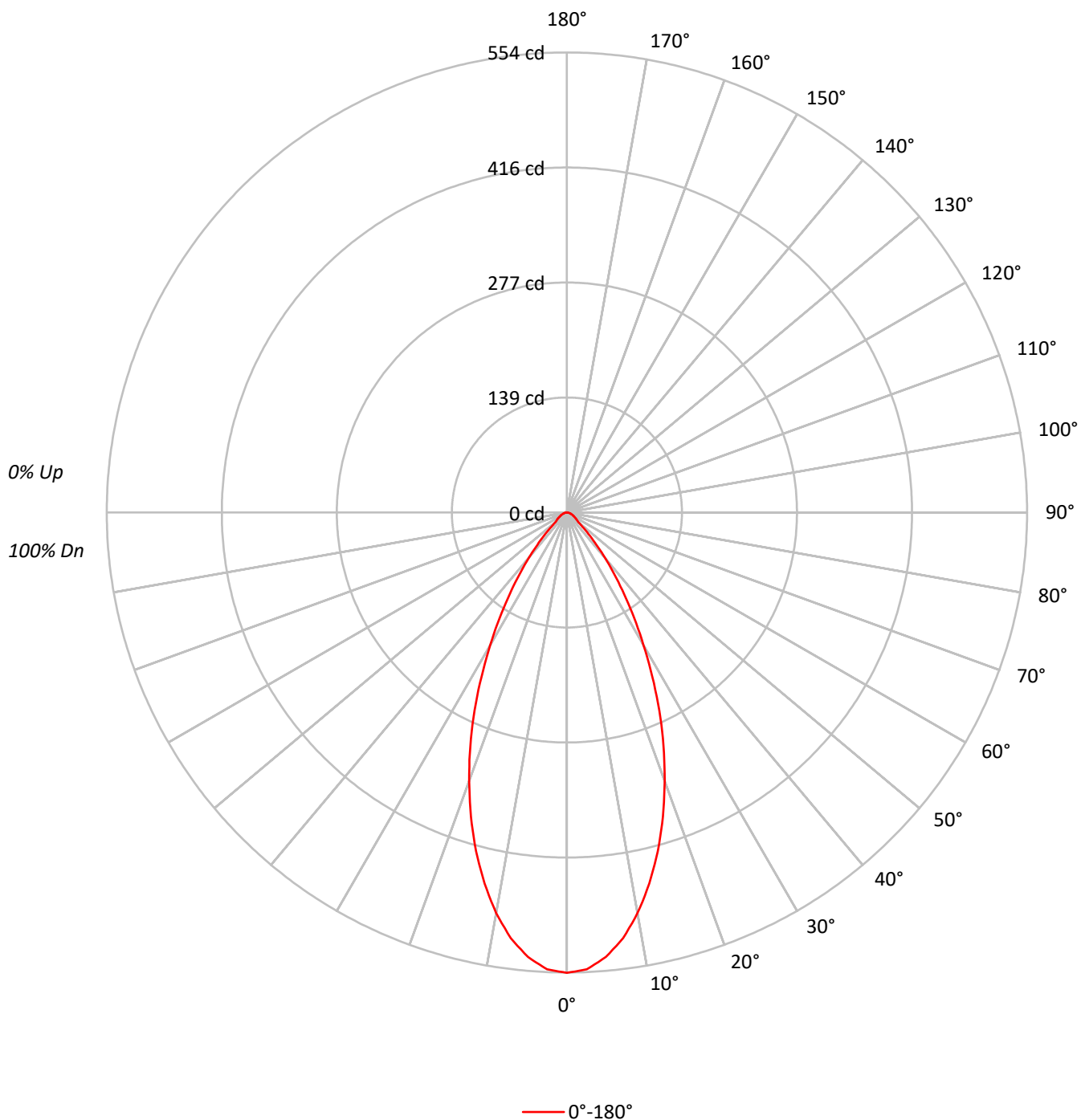
Lumens per Lamp: N/A
Luminaire Lumens: 418.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1265531

CATALOG NUMBER: P3AS17R509730DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1265531

CATALOG NUMBER: P3AS17R509730DE010 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	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		76
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	121569
5°	118292
10°	109083
15°	95937
20°	80274
25°	63657
30°	46691
35°	32096
40°	20410
45°	11412
50°	6175
55°	5199
60°	4473
65°	4099
70°	3654
75°	3389
80°	2904
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11412 cd/sqm

TEST NUMBER: P1265531

CATALOG NUMBER: P3AS17R509730DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	49.8	11.9
10°-20°	117.0	28.0
20°-30°	119.7	28.6
30°-40°	75.9	18.2
40°-50°	30.2	7.2
50°-60°	12.3	2.9
60°-70°	7.9	1.9
70°-80°	4.0	1.0
80°-90°	1.2	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°	286.5	68.5
0°-40°	362.4	86.7
0°-60°	404.9	96.9
0°-90°	418.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	418.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	554	
5°	537	50
15°	423	117
25°	263	120
35°	120	76
45°	37	30
55°	14	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1265531

CATALOG NUMBER: P3AS17R509730DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	554.4
2.5°	550.5
5°	537.4
7.5°	517.1
10°	489.9
12.5°	457.7
15°	422.6
17.5°	384.1
20°	344.0
22.5°	303.8
25°	263.1
27.5°	222.3
30°	184.4
32.5°	150.5
35°	119.9
37.5°	93.9
40°	71.3
42.5°	52.6
45°	36.8
47.5°	24.9
50°	18.1
52.5°	15.3
55°	13.6
57.5°	11.9
60°	10.2
62.5°	9.1
65°	7.9
67.5°	6.8
70°	5.7
72.5°	4.5
75°	4.0
77.5°	2.8
80°	2.3
82.5°	1.7
85°	1.1
87.5°	0.6
90°	0.0

(END OF REPORT)