

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: P1257864

Luminaire Tested: P3AS17R509040DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257864
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-31)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509040DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 4000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

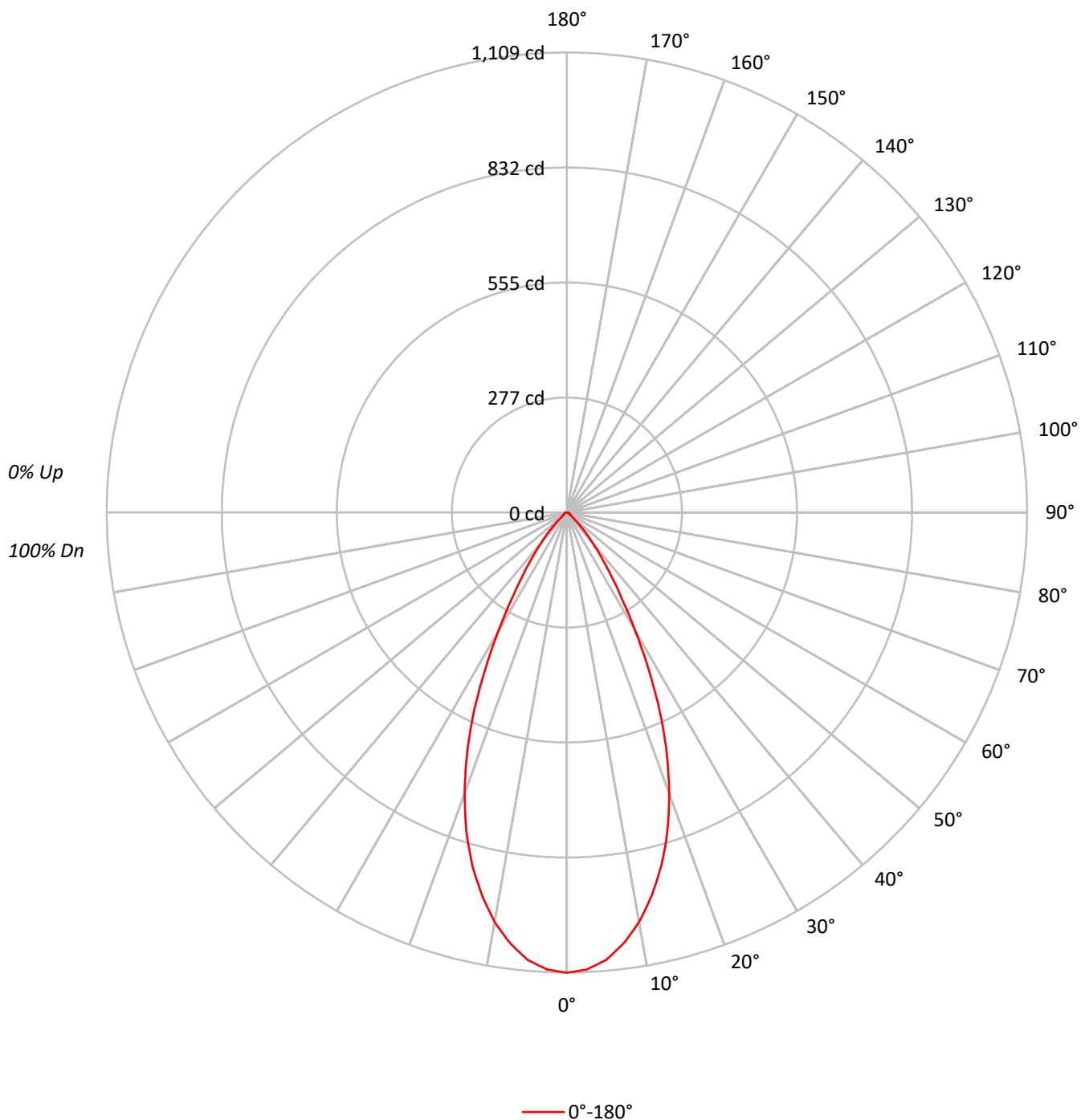
Lumens per Lamp: N/A
Luminaire Lumens: 764.0 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.75
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257864

CATALOG NUMBER: P3AS17R509040DE010 E3DL1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1257864

CATALOG NUMBER: P3AS17R509040DE010 E3DL1GPH

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	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	97	92	88	101	95	91	87	93	89	86		90	87	84		88
4	98	91	85	81	96	90	85	81	87	83	80		85	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	75	71	88	80	74	70	78	73	70		77	73	69		75
7	85	76	70	66	84	75	70	66	74	69	66		73	69	65		72
8	81	72	66	62	80	71	66	62	70	65	62		69	65	62		68
9	78	68	63	59	76	68	62	59	67	62	59		66	62	58		65
10	74	65	59	56	73	65	59	56	64	59	55		63	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	243248
5°	238344
10°	223242
15°	199865
20°	168178
25°	128354
30°	83431
35°	49470
40°	28596
45°	14327
50°	5322
55°	4167
60°	3859
65°	3528
70°	3462
75°	3474
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14327 cd/sqm

TEST NUMBER: P1257864

CATALOG NUMBER: P3AS17R509040DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.7	13.2
10°-20°	243.5	31.9
20°-30°	238.8	31.3
30°-40°	120.3	15.8
40°-50°	38.0	5.0
50°-60°	9.8	1.3
60°-70°	7.0	0.9
70°-80°	4.3	0.6
80°-90°	1.5	0.2
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°	583.0	76.3
0°-40°	703.4	92.1
0°-60°	751.2	98.3
0°-90°	764.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1109	
5°	1083	101
15°	880	243
25°	530	239
35°	185	120
45°	46	38
55°	11	10
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1257864

CATALOG NUMBER: P3AS17R509040DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1109.3
2.5°	1102.5
5°	1082.8
7.5°	1047.5
10°	1002.6
12.5°	944.9
15°	880.4
17.5°	805.6
20°	720.7
22.5°	629.0
25°	530.5
27.5°	425.9
30°	329.5
32.5°	247.9
35°	184.8
37.5°	136.5
40°	99.9
42.5°	70.6
45°	46.2
47.5°	26.5
50°	15.6
52.5°	11.5
55°	10.9
57.5°	9.5
60°	8.8
62.5°	8.2
65°	6.8
67.5°	6.1
70°	5.4
72.5°	4.8
75°	4.1
77.5°	3.4
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)