

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: P1252456

Luminaire Tested: P3AS17R509030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252456
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R509030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

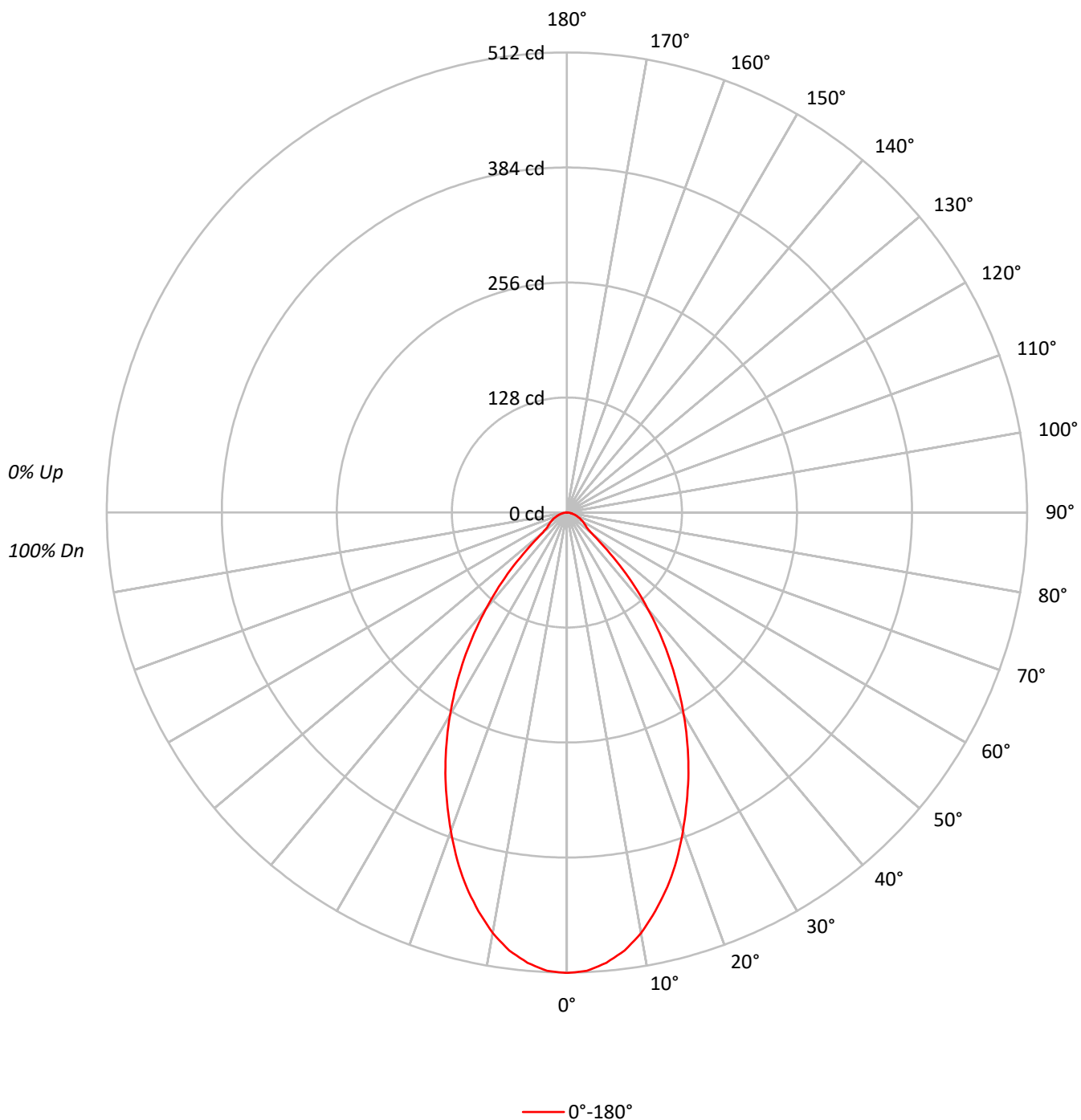
Lumens per Lamp: N/A
Luminaire Lumens: 552.9 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252456

CATALOG NUMBER: P3AS17R509030DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1252456

CATALOG NUMBER: P3AS17R509030DE010 E3DLD1GPH

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	112	109	106	103	110	107	104	102	103	101	99		99	97	96		95
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	81	97	90	85	81	88	83	79		85	81	78		83
4	93	85	78	73	91	83	77	73	81	76	72		79	75	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	66	61	81	72	65	61	70	65	60		69	64	60		67
7	78	68	61	56	77	67	61	56	66	60	56		64	59	55		63
8	74	63	57	52	73	63	56	52	61	56	52		60	55	51		59
9	70	59	53	48	69	59	52	48	58	52	48		57	52	48		56
10	66	56	49	45	65	55	49	45	54	49	45		54	48	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112381
5°	110720
10°	105832
15°	98003
20°	88068
25°	77424
30°	65833
35°	53378
40°	40104
45°	25832
50°	12281
55°	9634
60°	9122
65°	8509
70°	7694
75°	6947
80°	6314
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25832 cd/sqm

TEST NUMBER: P1252456

CATALOG NUMBER: P3AS17R509030DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.2	8.5
10°-20°	120.4	21.8
20°-30°	146.2	26.4
30°-40°	124.0	22.4
40°-50°	64.4	11.6
50°-60°	23.2	4.2
60°-70°	16.1	2.9
70°-80°	8.7	1.6
80°-90°	2.7	0.5
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°	313.7	56.7
0°-40°	437.8	79.2
0°-60°	525.4	95.0
0°-90°	552.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	552.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	503	47
15°	432	120
25°	320	146
35°	199	124
45°	83	64
55°	25	23
65°	16	16
75°	8	9
85°	2	3
90°	0	

TEST NUMBER: P1252456

CATALOG NUMBER: P3AS17R509030DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	512.5
2.5°	510.6
5°	503.0
7.5°	491.7
10°	475.3
12.5°	454.4
15°	431.7
17.5°	405.8
20°	377.4
22.5°	348.4
25°	320.0
27.5°	290.3
30°	260.0
32.5°	229.7
35°	199.4
37.5°	169.8
40°	140.1
42.5°	111.7
45°	83.3
47.5°	55.5
50°	36.0
52.5°	27.8
55°	25.2
57.5°	22.7
60°	20.8
62.5°	18.3
65°	16.4
67.5°	13.9
70°	12.0
72.5°	10.1
75°	8.2
77.5°	6.3
80°	5.0
82.5°	3.8
85°	2.5
87.5°	1.3
90°	0.0

(END OF REPORT)