

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: P1249635

Luminaire Tested: P3AS17R309027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249635
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

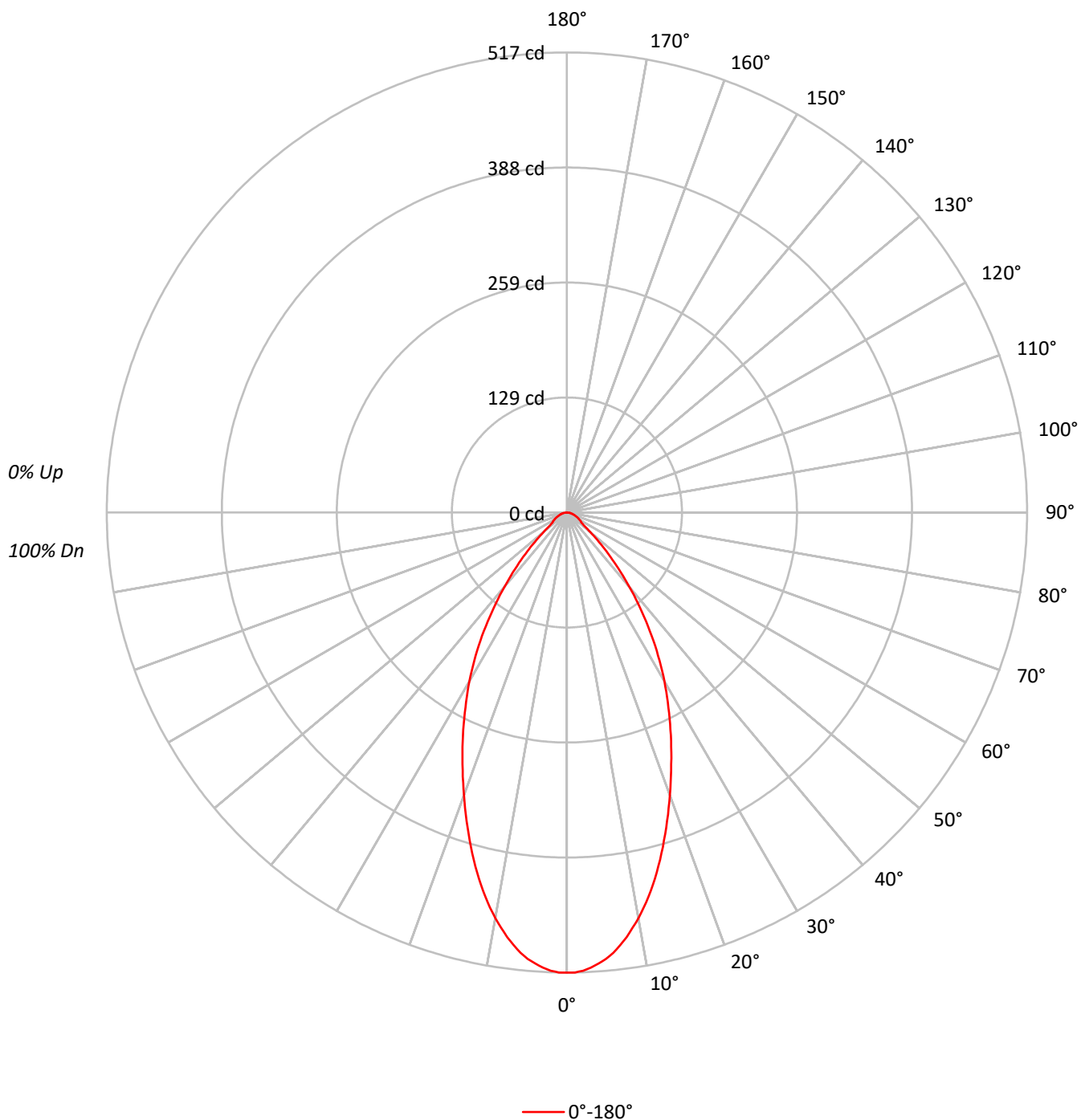
Lumens per Lamp: N/A
Luminaire Lumens: 480.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
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	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	113390
5°	110852
10°	103093
15°	91737
20°	78897
25°	66826
30°	55477
35°	43527
40°	31201
45°	20467
50°	11667
55°	7646
60°	7236
65°	6745
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20467 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.8	9.7
10°-20°	112.3	23.4
20°-30°	126.6	26.4
30°-40°	101.1	21.1
40°-50°	52.0	10.8
50°-60°	19.5	4.1
60°-70°	12.8	2.7
70°-80°	6.9	1.4
80°-90°	2.0	0.4
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°	285.7	59.5
0°-40°	386.8	80.6
0°-60°	458.3	95.5
0°-90°	480.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	480.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	517	
5°	504	47
15°	404	112
25°	276	127
35°	163	101
45°	66	52
55°	20	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	517.1
1°	517.1
2°	515.4
3°	512.4
4°	508.3
5°	503.6
6°	497.7
7°	490.1
8°	481.8
9°	472.4
10°	463.0
11°	452.4
12°	441.2
13°	429.4
14°	417.0
15°	404.1
17.5°	371.1
20°	338.1
22.5°	306.3
25°	276.2
27.5°	246.8
30°	219.1
32.5°	190.8
35°	162.6
37.5°	134.9
40°	109.0
42.5°	86.0
45°	66.0
47.5°	48.9
50°	34.2
52.5°	24.1
55°	20.0
57.5°	18.3
60°	16.5
62.5°	14.7
65°	13.0
67.5°	11.2
70°	9.4
72.5°	7.7
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)