

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: P1287593

Luminaire Tested: P3AS17R509030D2WDE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287593
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: P3AS17R509030D2WDE010 E3DLD1GPH
Description: 3in Adjustable Dim to Warm LED luminaire with, R50 optic, 3000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

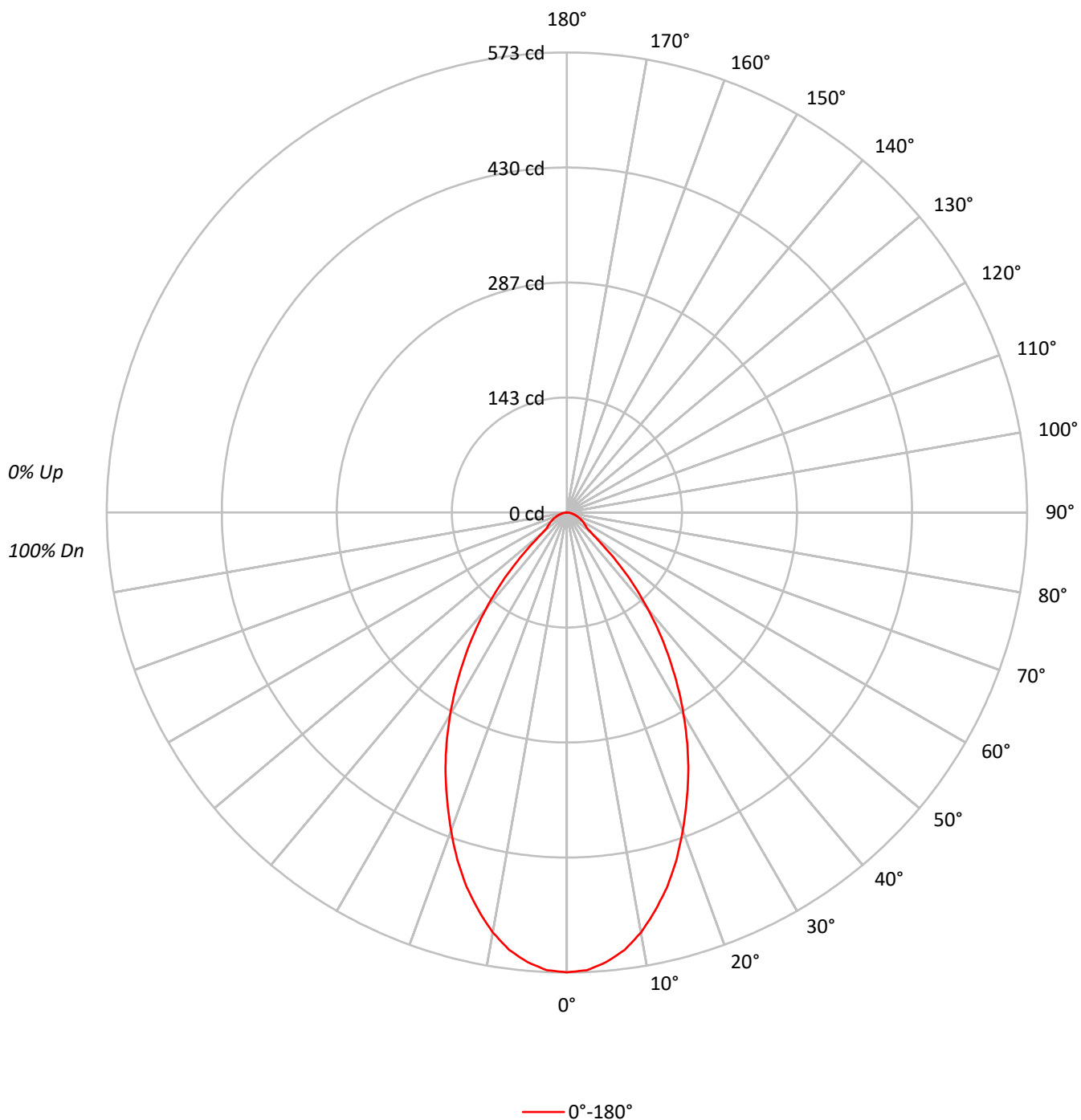
Lumens per Lamp: N/A
Luminaire Lumens: 618.0 lumens
Efficiency: N/A
Efficacy: 22.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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	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°	125582
5°	123751
10°	118257
15°	109535
20°	98429
25°	86521
30°	73581
35°	59669
40°	44827
45°	28871
50°	13714
55°	10781
60°	10218
65°	9495
70°	8591
75°	7795
80°	7072
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28871 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.7	8.5
10°-20°	134.5	21.8
20°-30°	163.4	26.4
30°-40°	138.6	22.4
40°-50°	72.0	11.6
50°-60°	26.0	4.2
60°-70°	18.0	2.9
70°-80°	9.8	1.6
80°-90°	3.0	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°	350.6	56.7
0°-40°	489.2	79.2
0°-60°	587.2	95.0
0°-90°	618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	618.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	573	
5°	562	53
15°	482	135
25°	358	163
35°	223	139
45°	93	72
55°	28	26
65°	18	18
75°	9	10
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	572.7
2.5°	570.6
5°	562.2
7.5°	549.5
10°	531.1
12.5°	507.8
15°	482.5
17.5°	453.5
20°	421.8
22.5°	389.3
25°	357.6
27.5°	324.5
30°	290.6
32.5°	256.7
35°	222.9
37.5°	189.7
40°	156.6
42.5°	124.8
45°	93.1
47.5°	62.1
50°	40.2
52.5°	31.0
55°	28.2
57.5°	25.4
60°	23.3
62.5°	20.5
65°	18.3
67.5°	15.5
70°	13.4
72.5°	11.3
75°	9.2
77.5°	7.1
80°	5.6
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)