

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: P1257757

Luminaire Tested: P3AS17R309040DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257757
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: P3AS17R309040DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

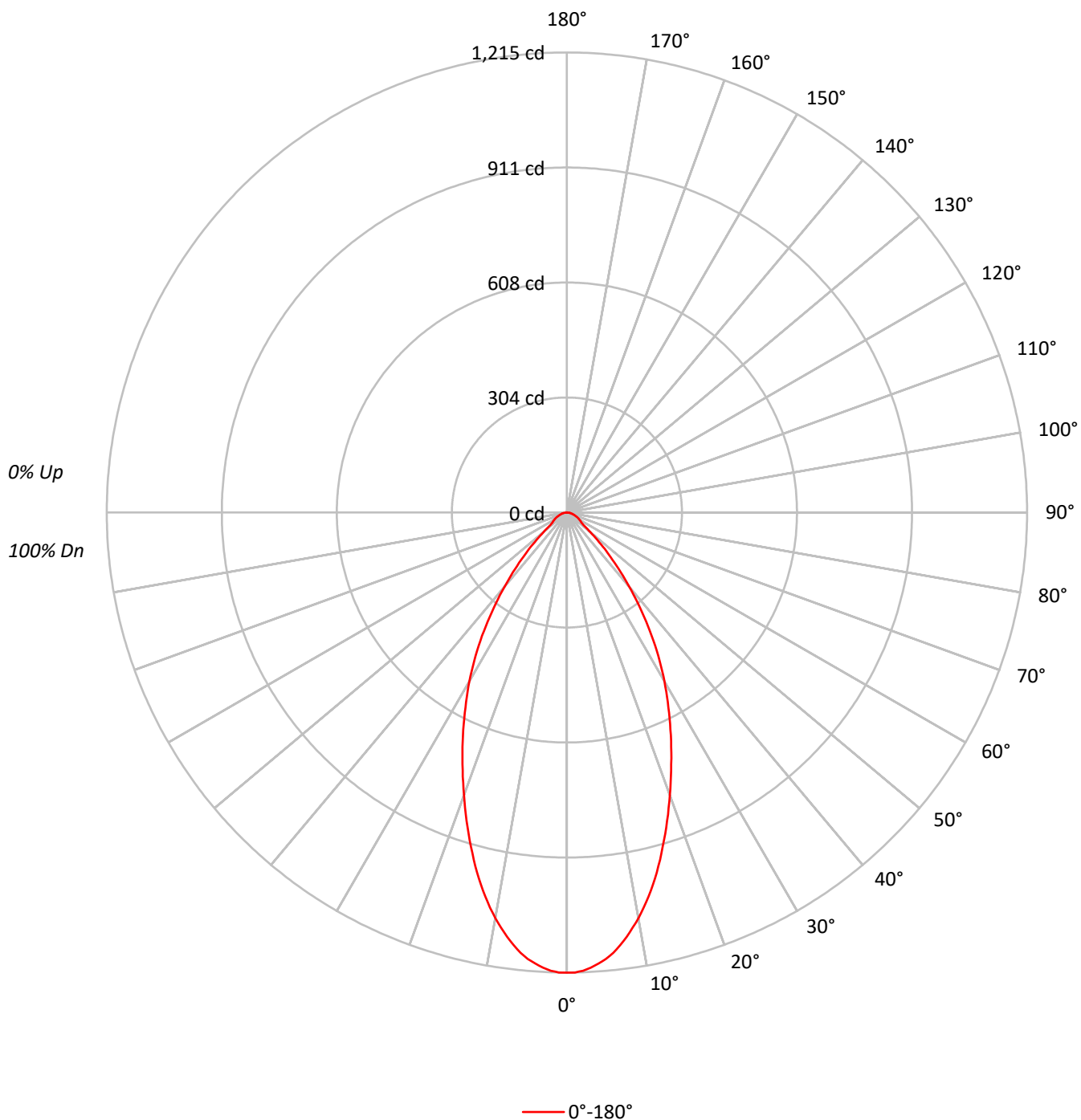
Lumens per Lamp: N/A
Luminaire Lumens: 1128.1 lumens
Efficiency: N/A
Efficacy: 53.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	266492
5°	260510
10°	242258
15°	215552
20°	185399
25°	157074
30°	130374
35°	102258
40°	73309
45°	48067
50°	27394
55°	18007
60°	17016
65°	15825
70°	14169
75°	12878
80°	12249
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 48067 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	109.9	9.7
10°-20°	264.0	23.4
20°-30°	297.5	26.4
30°-40°	237.6	21.1
40°-50°	122.1	10.8
50°-60°	46.0	4.1
60°-70°	30.1	2.7
70°-80°	16.2	1.4
80°-90°	4.7	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°	671.3	59.5
0°-40°	908.9	80.6
0°-60°	1077.0	95.5
0°-90°	1128.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1128.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1215	
5°	1184	110
15°	950	264
25°	649	298
35°	382	238
45°	155	122
55°	47	46
65°	30	30
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1215.3
1°	1215.3
2°	1211.1
3°	1204.2
4°	1194.5
5°	1183.5
6°	1169.6
7°	1151.6
8°	1132.2
9°	1110.1
10°	1088.0
11°	1063.0
12°	1036.7
13°	1009.1
14°	980.0
15°	949.5
17.5°	872.0
20°	794.5
22.5°	719.8
25°	649.2
27.5°	580.0
30°	514.9
32.5°	448.5
35°	382.0
37.5°	317.0
40°	256.1
42.5°	202.1
45°	155.0
47.5°	114.9
50°	80.3
52.5°	56.8
55°	47.1
57.5°	42.9
60°	38.8
62.5°	34.6
65°	30.5
67.5°	26.3
70°	22.1
72.5°	18.0
75°	15.2
77.5°	12.5
80°	9.7
82.5°	6.9
85°	4.2
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)