

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: P1260699

Luminaire Tested: P3AS20R309050D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260699
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: P3AS20R309050D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

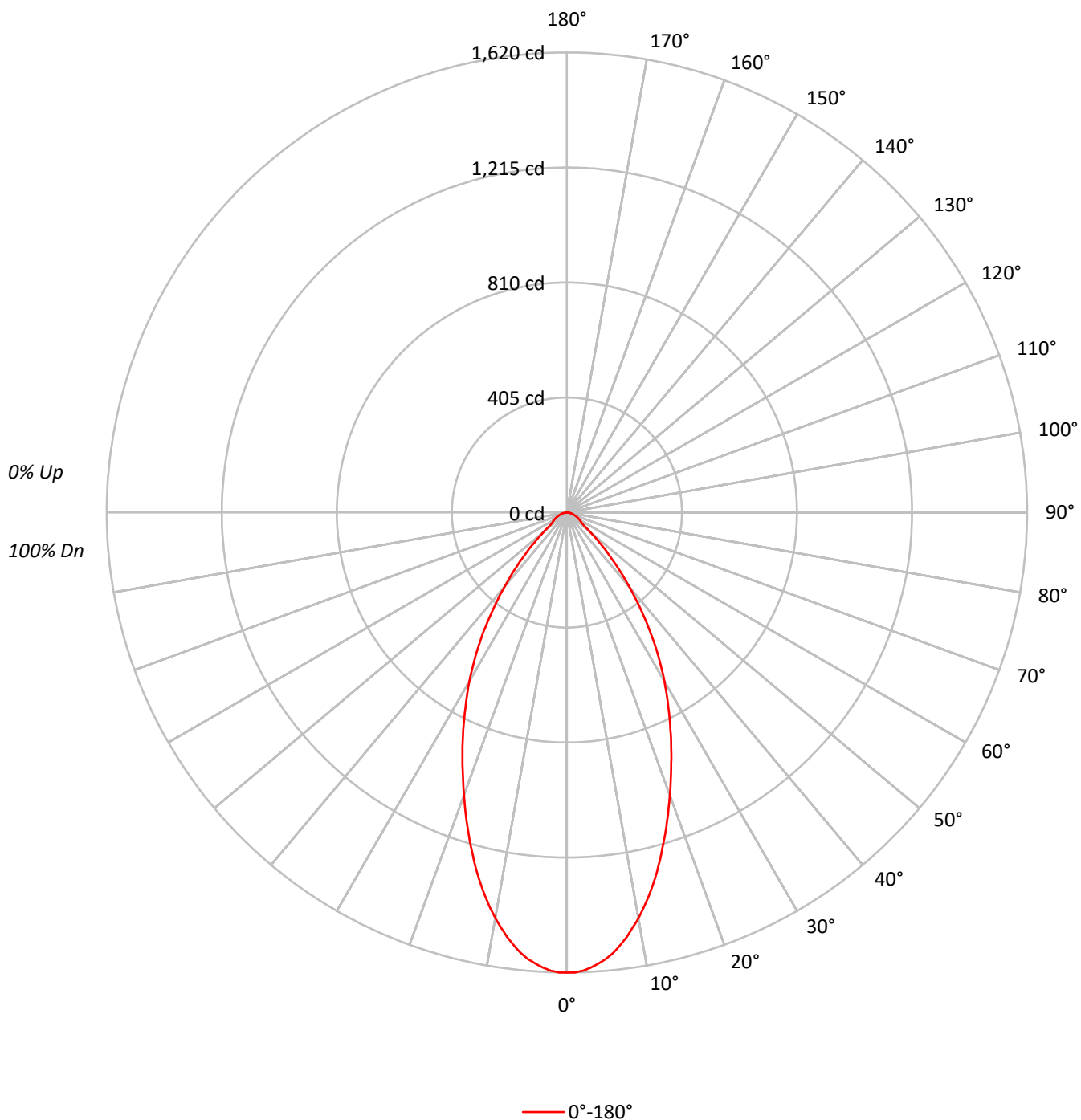
Lumens per Lamp: N/A
Luminaire Lumens: 1504.0 lumens
Efficiency: N/A
Efficacy: 52.2 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	355322
5°	347347
10°	322996
15°	287425
20°	247191
25°	209431
30°	173824
35°	136362
40°	97726
45°	64100
50°	36502
55°	23970
60°	22674
65°	21066
70°	18913
75°	17199
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 64100 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.5	9.7
10°-20°	352.0	23.4
20°-30°	396.7	26.4
30°-40°	316.7	21.1
40°-50°	162.8	10.8
50°-60°	61.3	4.1
60°-70°	40.2	2.7
70°-80°	21.7	1.4
80°-90°	6.2	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°	895.1	59.5
0°-40°	1211.9	80.6
0°-60°	1435.9	95.5
0°-90°	1504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1620	
5°	1578	146
15°	1266	352
25°	866	397
35°	509	317
45°	207	163
55°	63	61
65°	41	40
75°	20	22
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1620.4
1°	1620.4
2°	1614.9
3°	1605.6
4°	1592.7
5°	1578.0
6°	1559.5
7°	1535.5
8°	1509.7
9°	1480.1
10°	1450.6
11°	1417.4
12°	1382.3
13°	1345.4
14°	1306.7
15°	1266.1
17.5°	1162.7
20°	1059.3
22.5°	959.7
25°	865.6
27.5°	773.3
30°	686.5
32.5°	598.0
35°	509.4
37.5°	422.6
40°	341.4
42.5°	269.5
45°	206.7
47.5°	153.2
50°	107.0
52.5°	75.7
55°	62.7
57.5°	57.2
60°	51.7
62.5°	46.1
65°	40.6
67.5°	35.1
70°	29.5
72.5°	24.0
75°	20.3
77.5°	16.6
80°	12.9
82.5°	9.2
85°	5.5
87.5°	1.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)