

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: P1252349

Luminaire Tested: P3AS17R309030DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252349
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309030DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

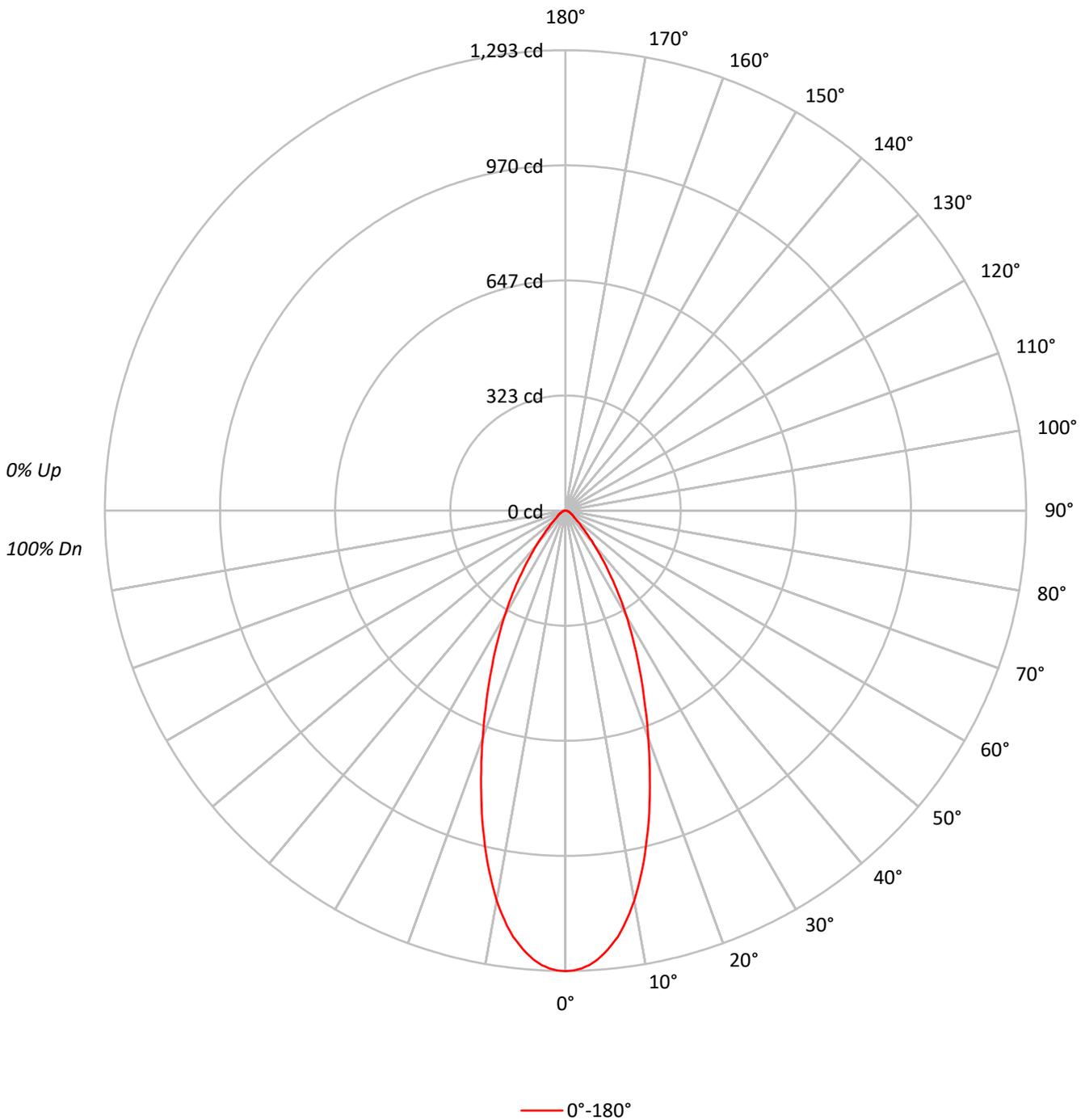
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 830.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86			86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80			80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74			74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70			70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65			65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61			61
8	80	70	64	60	78	70	64	60	69	63	60	67	63	60	67	62	59	58			58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55			55
10	73	63	58	54	72	63	57	54	62	57	53	61	57	53	61	56	53	52			52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	283618
5°	274796
10°	247602
15°	204814
20°	158564
25°	118942
30°	86368
35°	57527
40°	35381
45°	20746
50°	12725
55°	10322
60°	9034
65°	7368
70°	6604
75°	6524
80°	4925
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 20746 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	114.8	13.8
10°-20°	248.5	29.9
20°-30°	226.0	27.2
30°-40°	136.7	16.5
40°-50°	54.8	6.6
50°-60°	24.3	2.9
60°-70°	14.6	1.8
70°-80°	8.0	1.0
80°-90°	2.3	0.3
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°	589.4	71.0
0°-40°	726.0	87.5
0°-60°	805.1	97.0
0°-90°	830.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	830.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1293	
5°	1248	115
15°	902	248
25°	492	226
35°	215	137
45°	67	55
55°	27	24
65°	14	15
75°	8	8
85°	3	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1293.4
1°	1292.2
2°	1287.0
3°	1278.0
4°	1265.1
5°	1248.4
6°	1227.8
7°	1205.9
8°	1177.6
9°	1145.4
10°	1112.0
11°	1073.4
12°	1032.2
13°	991.0
14°	945.9
15°	902.2
17.5°	787.6
20°	679.5
22.5°	579.2
25°	491.6
27.5°	411.8
30°	341.1
32.5°	275.4
35°	214.9
37.5°	164.7
40°	123.6
42.5°	90.1
45°	66.9
47.5°	50.2
50°	37.3
52.5°	29.6
55°	27.0
57.5°	23.2
60°	20.6
62.5°	16.7
65°	14.2
67.5°	12.9
70°	10.3
72.5°	9.0
75°	7.7
77.5°	6.4
80°	3.9
82.5°	2.6
85°	2.6
87.5°	1.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)