

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: P1252317

Luminaire Tested: P3AS17R259030DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252317
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R259030DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

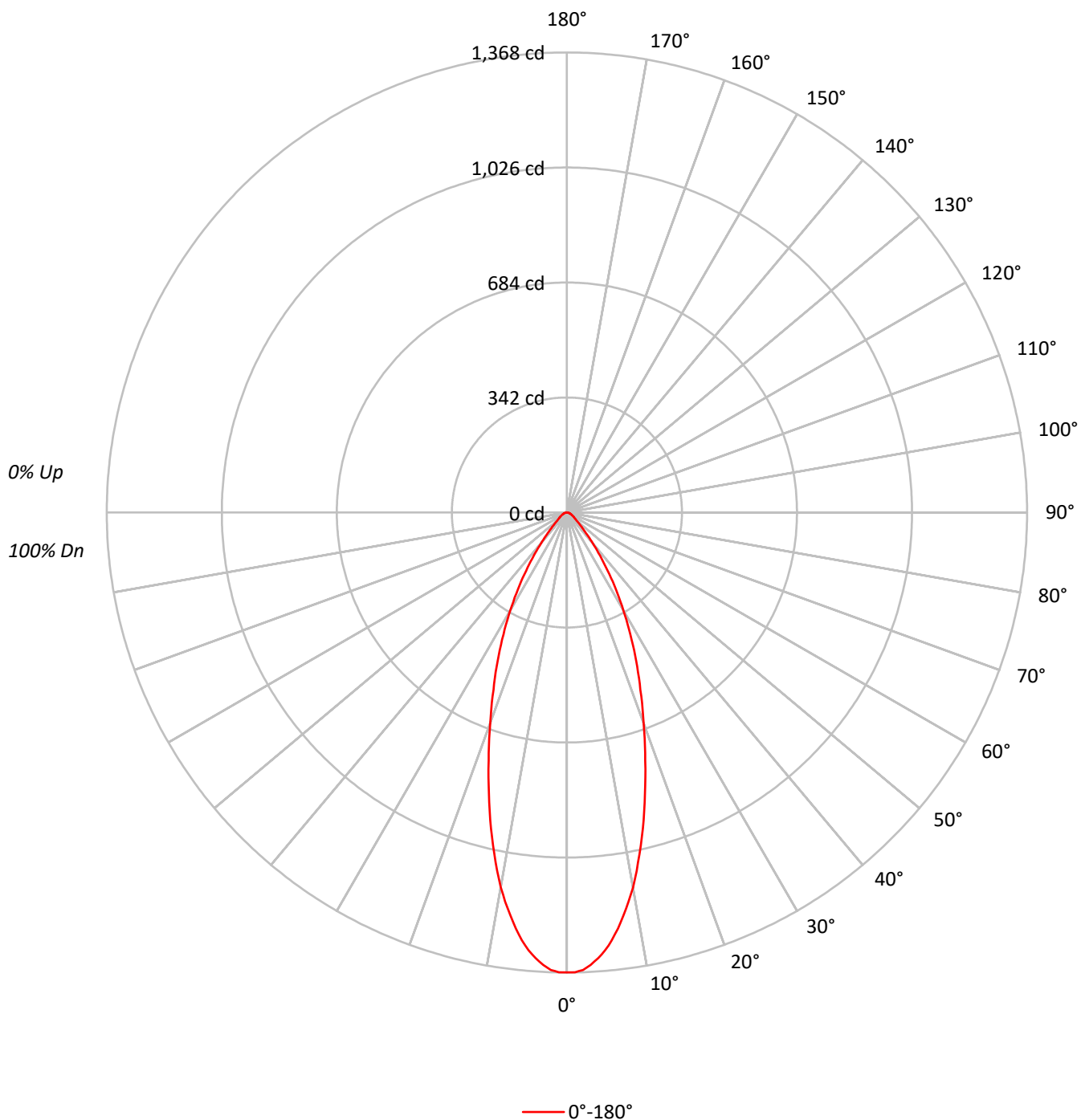
Lumens per Lamp: N/A
Luminaire Lumens: 826.0 lumens
Efficiency: N/A
Efficacy: 39.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	299888
5°	287717
10°	252033
15°	202589
20°	155647
25°	117781
30°	85102
35°	56537
40°	34293
45°	19971
50°	12725
55°	10322
60°	9034
65°	8042
70°	6604
75°	6524
80°	4925
85°	6542

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19971 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.0	14.4
10°-20°	246.8	29.9
20°-30°	223.2	27.0
30°-40°	134.1	16.2
40°-50°	53.3	6.4
50°-60°	24.5	3.0
60°-70°	15.0	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°	588.9	71.3
0°-40°	723.0	87.5
0°-60°	800.8	96.9
0°-90°	826.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	826.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1368	
5°	1307	119
15°	892	247
25°	487	223
35°	211	134
45°	64	53
55°	27	25
65°	16	15
75°	8	8
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1367.6
1°	1367.6
2°	1361.1
3°	1347.0
4°	1328.9
5°	1307.1
6°	1278.7
7°	1246.5
8°	1209.2
9°	1171.8
10°	1131.9
11°	1085.6
12°	1037.9
13°	990.3
14°	942.6
15°	892.4
17.5°	773.9
20°	667.0
22.5°	570.5
25°	486.8
27.5°	408.2
30°	336.1
32.5°	270.4
35°	211.2
37.5°	161.0
40°	119.8
42.5°	87.6
45°	64.4
47.5°	48.9
50°	37.3
52.5°	30.9
55°	27.0
57.5°	23.2
60°	20.6
62.5°	16.7
65°	15.5
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)