

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: P1247271

Luminaire Tested: P3A17R309024DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247271
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: P3A17R309024DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

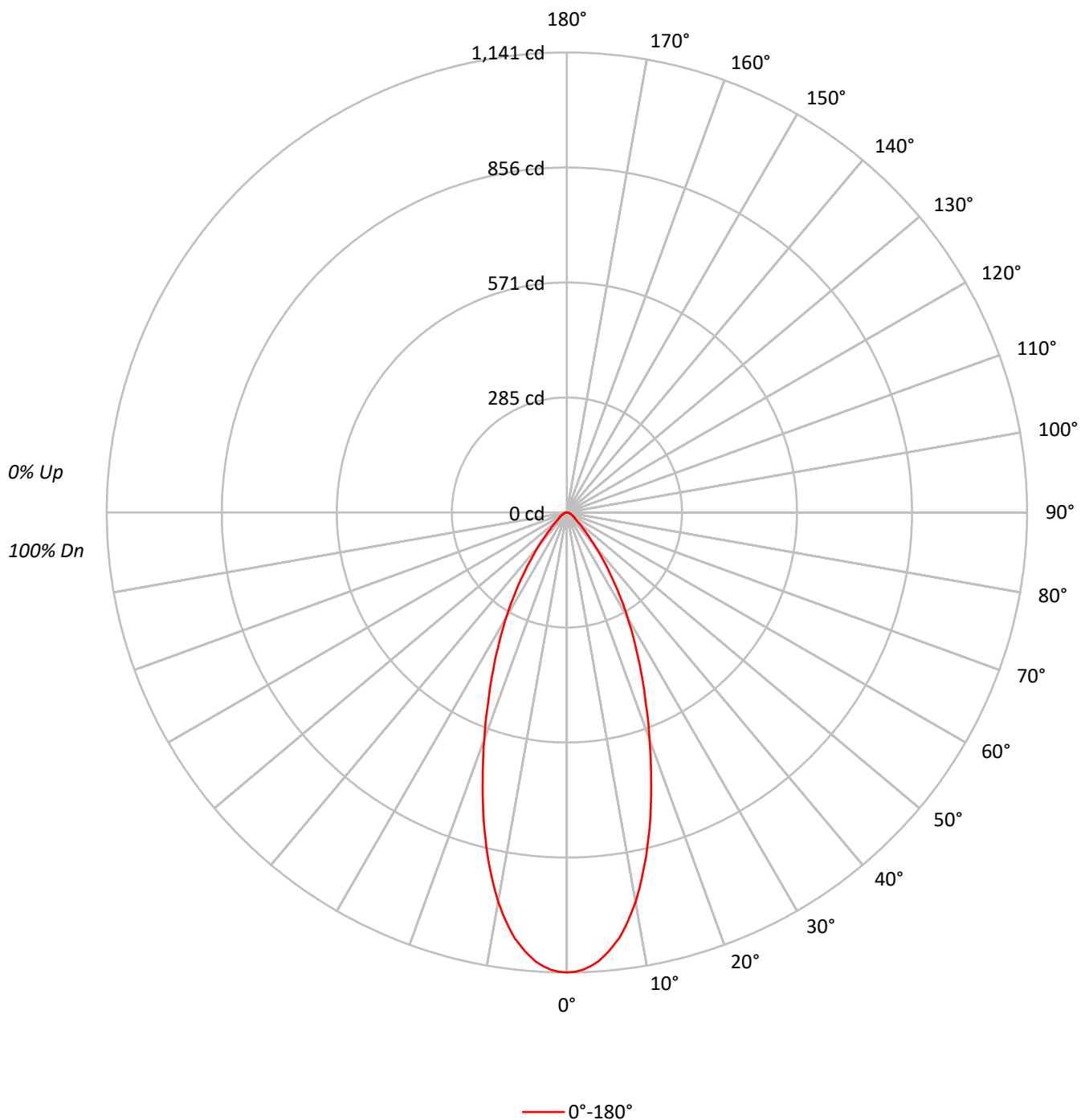
Lumens per Lamp: N/A
Luminaire Lumens: 732.0 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (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	100		100	99	97		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	85	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	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	250133
5°	242350
10°	218366
15°	180637
20°	139849
25°	104909
30°	76164
35°	50754
40°	31201
45°	18296
50°	11224
55°	9099
60°	7982
65°	6486
70°	5834
75°	5761
80°	4293
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18296 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	101.3	13.8
10°-20°	219.1	29.9
20°-30°	199.4	27.2
30°-40°	120.6	16.5
40°-50°	48.3	6.6
50°-60°	21.4	2.9
60°-70°	12.9	1.8
70°-80°	7.0	1.0
80°-90°	2.0	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°	519.8	71.0
0°-40°	640.3	87.5
0°-60°	710.1	97.0
0°-90°	732.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	732.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1141	
5°	1101	101
15°	796	219
25°	434	199
35°	190	121
45°	59	48
55°	24	21
65°	12	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1140.7
1°	1139.6
2°	1135.0
3°	1127.1
4°	1115.8
5°	1101.0
6°	1082.8
7°	1063.5
8°	1038.6
9°	1010.2
10°	980.7
11°	946.6
12°	910.3
13°	874.0
14°	834.3
15°	795.7
17.5°	694.6
20°	599.3
22.5°	510.8
25°	433.6
27.5°	363.2
30°	300.8
32.5°	242.9
35°	189.6
37.5°	145.3
40°	109.0
42.5°	79.5
45°	59.0
47.5°	44.3
50°	32.9
52.5°	26.1
55°	23.8
57.5°	20.4
60°	18.2
62.5°	14.8
65°	12.5
67.5°	11.4
70°	9.1
72.5°	7.9
75°	6.8
77.5°	5.7
80°	3.4
82.5°	2.3
85°	2.3
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)