

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: P1257754

Luminaire Tested: P3AS17R309040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257754
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: P3AS17R309040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

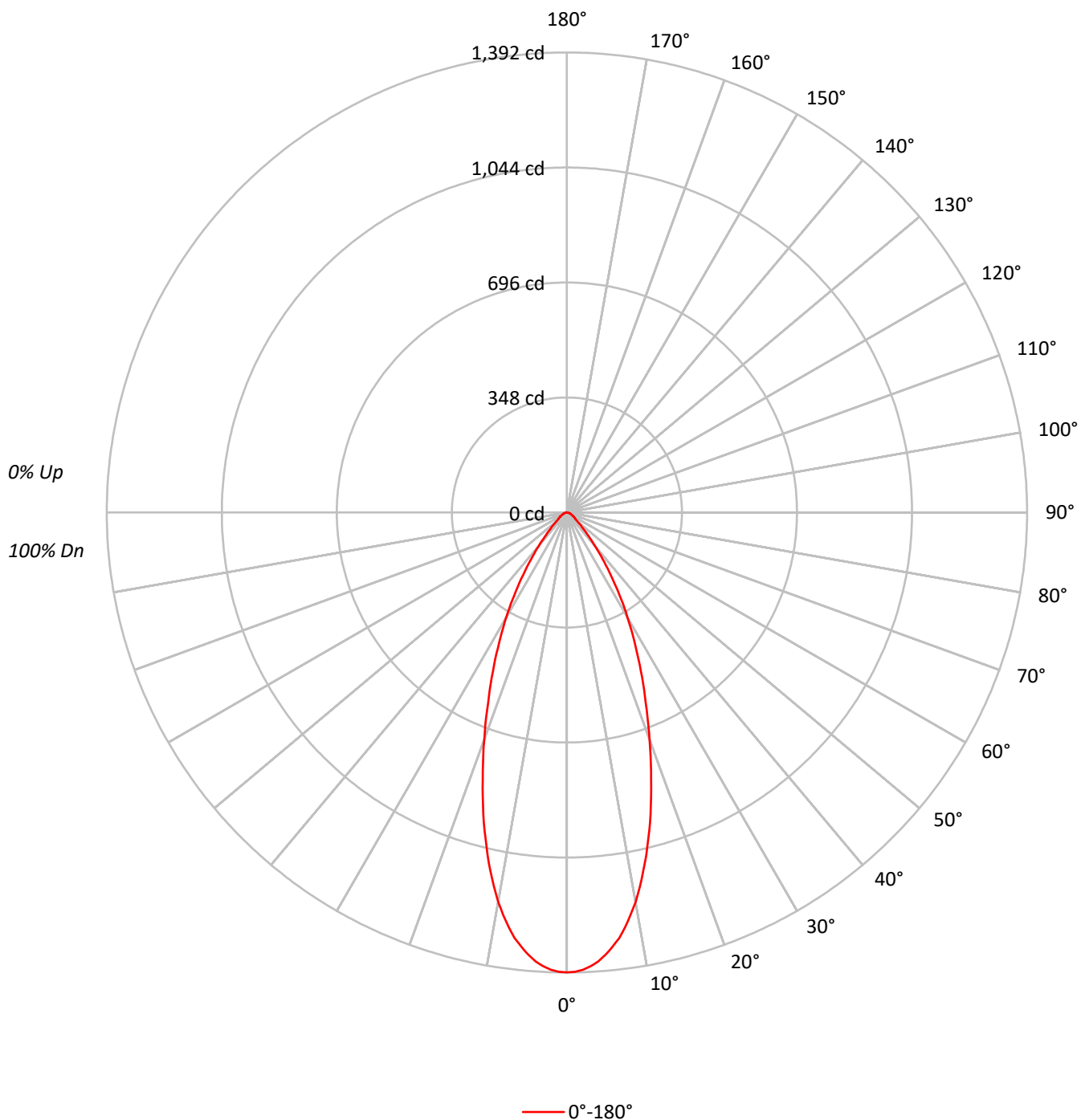
Lumens per Lamp: N/A
Luminaire Lumens: 893.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	305151
5°	295663
10°	266395
15°	220364
20°	170605
25°	127991
30°	92900
35°	61890
40°	38043
45°	22328
50°	13714
55°	11125
60°	9736
65°	7887
70°	7117
75°	7032
80°	5304
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.6	13.8
10°-20°	267.3	29.9
20°-30°	243.2	27.2
30°-40°	147.0	16.5
40°-50°	59.0	6.6
50°-60°	26.1	2.9
60°-70°	15.7	1.8
70°-80°	8.6	1.0
80°-90°	2.5	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°	634.1	71.0
0°-40°	781.1	87.5
0°-60°	866.2	97.0
0°-90°	893.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	893.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1392	
5°	1343	124
15°	971	267
25°	529	243
35°	231	147
45°	72	59
55°	29	26
65°	15	16
75°	8	9
85°	3	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1391.6
1°	1390.2
2°	1384.7
3°	1375.0
4°	1361.2
5°	1343.2
6°	1321.0
7°	1297.5
8°	1267.0
9°	1232.4
10°	1196.4
11°	1154.8
12°	1110.5
13°	1066.2
14°	1017.8
15°	970.7
17.5°	847.4
20°	731.1
22.5°	623.1
25°	529.0
27.5°	443.1
30°	366.9
32.5°	296.3
35°	231.2
37.5°	177.2
40°	132.9
42.5°	96.9
45°	72.0
47.5°	54.0
50°	40.2
52.5°	31.8
55°	29.1
57.5°	24.9
60°	22.2
62.5°	18.0
65°	15.2
67.5°	13.8
70°	11.1
72.5°	9.7
75°	8.3
77.5°	6.9
80°	4.2
82.5°	2.8
85°	2.8
87.5°	1.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)