

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: P1248067

Luminaire Tested: P3AS02R309027DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248067
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: P3AS02R309027DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

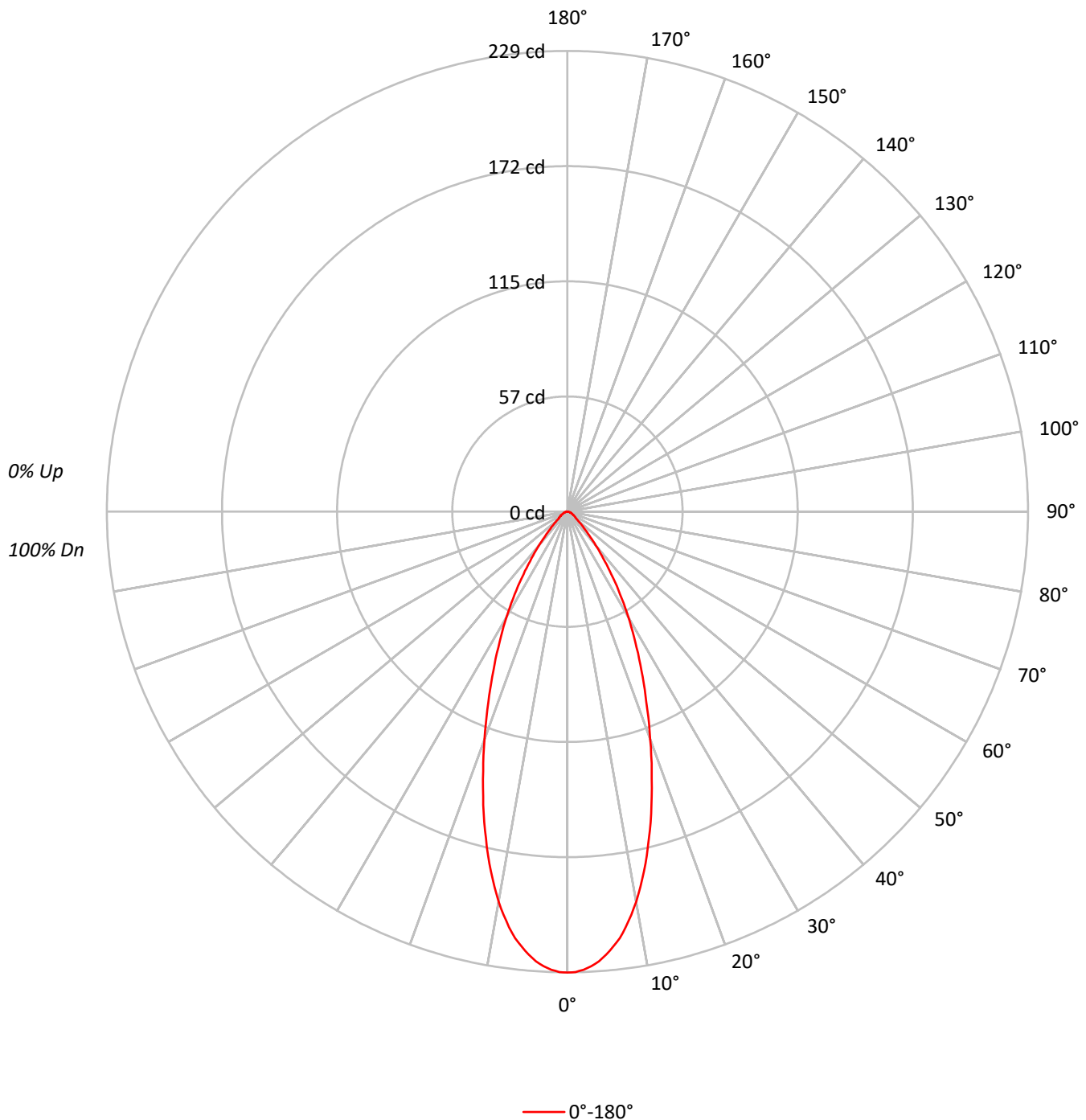
Lumens per Lamp: N/A
Luminaire Lumens: 147.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	50237
5°	48668
10°	43842
15°	36277
20°	28096
25°	21074
30°	15293
35°	10199
40°	6269
45°	3690
50°	2252
55°	1835
60°	1579
65°	1297
70°	1154
75°	1186
80°	884
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3690 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.3	13.8
10°-20°	44.0	29.9
20°-30°	40.0	27.2
30°-40°	24.2	16.5
40°-50°	9.7	6.6
50°-60°	4.3	2.9
60°-70°	2.6	1.8
70°-80°	1.4	1.0
80°-90°	0.4	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°	104.4	71.0
0°-40°	128.6	87.5
0°-60°	142.6	97.0
0°-90°	147.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	147.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	229	
5°	221	20
15°	160	44
25°	87	40
35°	38	24
45°	12	10
55°	5	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	229.1
1°	228.9
2°	227.9
3°	226.3
4°	224.1
5°	221.1
6°	217.5
7°	213.6
8°	208.6
9°	202.9
10°	196.9
11°	190.1
12°	182.8
13°	175.5
14°	167.5
15°	159.8
17.5°	139.5
20°	120.4
22.5°	102.6
25°	87.1
27.5°	72.9
30°	60.4
32.5°	48.8
35°	38.1
37.5°	29.2
40°	21.9
42.5°	16.0
45°	11.9
47.5°	8.9
50°	6.6
52.5°	5.2
55°	4.8
57.5°	4.1
60°	3.6
62.5°	3.0
65°	2.5
67.5°	2.3
70°	1.8
72.5°	1.6
75°	1.4
77.5°	1.1
80°	0.7
82.5°	0.5
85°	0.5
87.5°	0.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)