

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: P1263237

Luminaire Tested: P3A17R659727DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263237
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659727DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

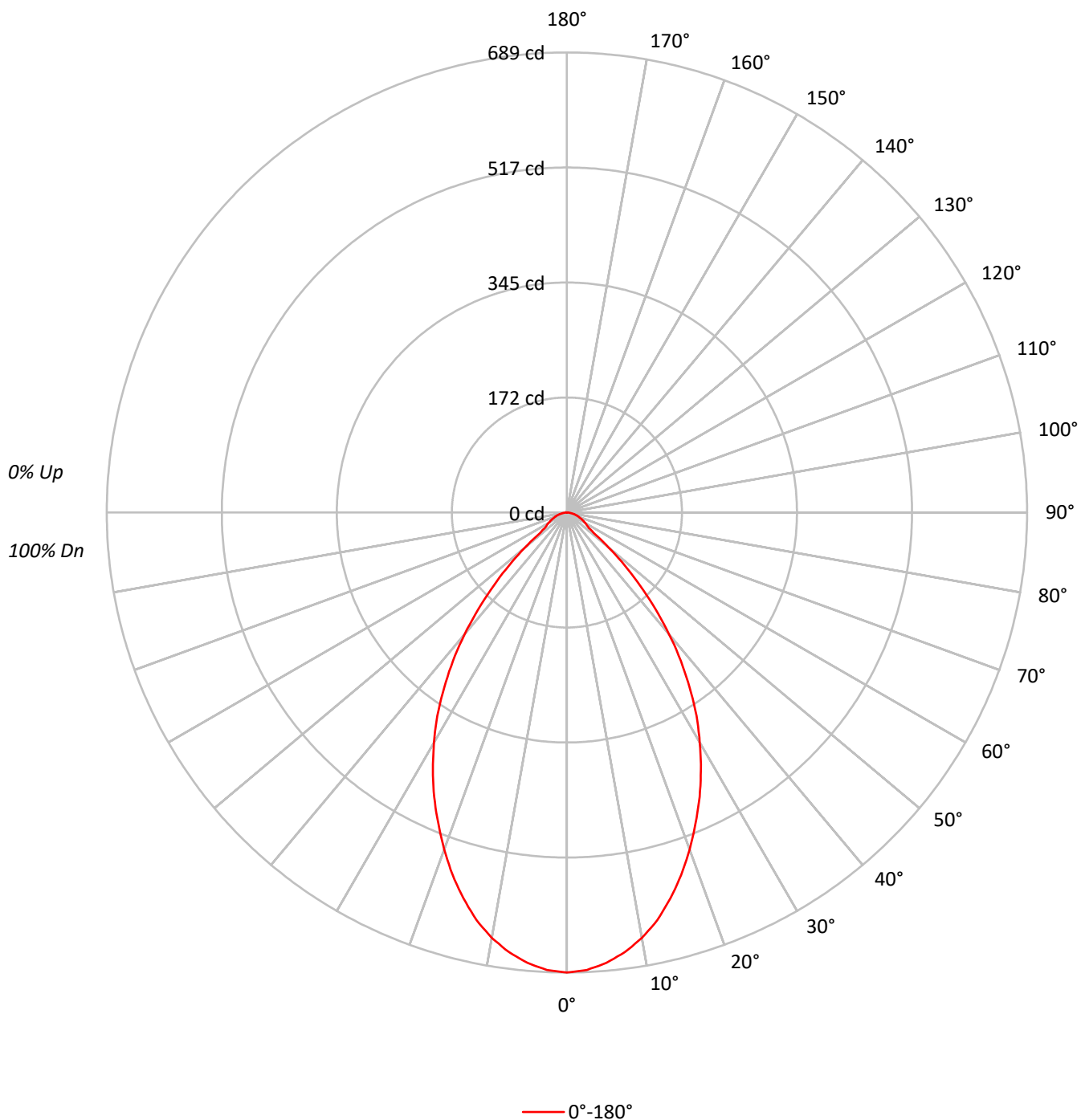
Lumens per Lamp: N/A
Luminaire Lumens: 849.0 lumens
Efficiency: N/A
Efficacy: 40.0 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151084
5°	149042
10°	144041
15°	135846
20°	125311
25°	113740
30°	100750
35°	85715
40°	68214
45°	48160
50°	27939
55°	15254
60°	14166
65°	12868
70°	11733
75°	10929
80°	9471
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48160 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	7.5
10°-20°	167.4	19.7
20°-30°	215.2	25.3
30°-40°	199.0	23.4
40°-50°	120.1	14.2
50°-60°	41.0	4.8
60°-70°	24.7	2.9
70°-80°	13.9	1.6
80°-90°	4.0	0.5
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°	446.3	52.6
0°-40°	645.3	76.0
0°-60°	806.4	95.0
0°-90°	849.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	849.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	689	
5°	677	64
15°	598	167
25°	470	215
35°	320	199
45°	155	120
55°	40	41
65°	25	25
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	689.0
2.5°	685.8
5°	677.1
7.5°	664.2
10°	646.9
12.5°	625.4
15°	598.4
17.5°	569.3
20°	537.0
22.5°	503.5
25°	470.1
27.5°	434.5
30°	397.9
32.5°	361.2
35°	320.2
37.5°	280.3
40°	238.3
42.5°	196.2
45°	155.3
47.5°	117.5
50°	81.9
52.5°	51.8
55°	39.9
57.5°	35.6
60°	32.3
62.5°	28.0
65°	24.8
67.5°	21.6
70°	18.3
72.5°	16.2
75°	12.9
77.5°	10.8
80°	7.5
82.5°	5.4
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)