

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: P1265322

Luminaire Tested: P3A17R159730DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265322
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159730DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

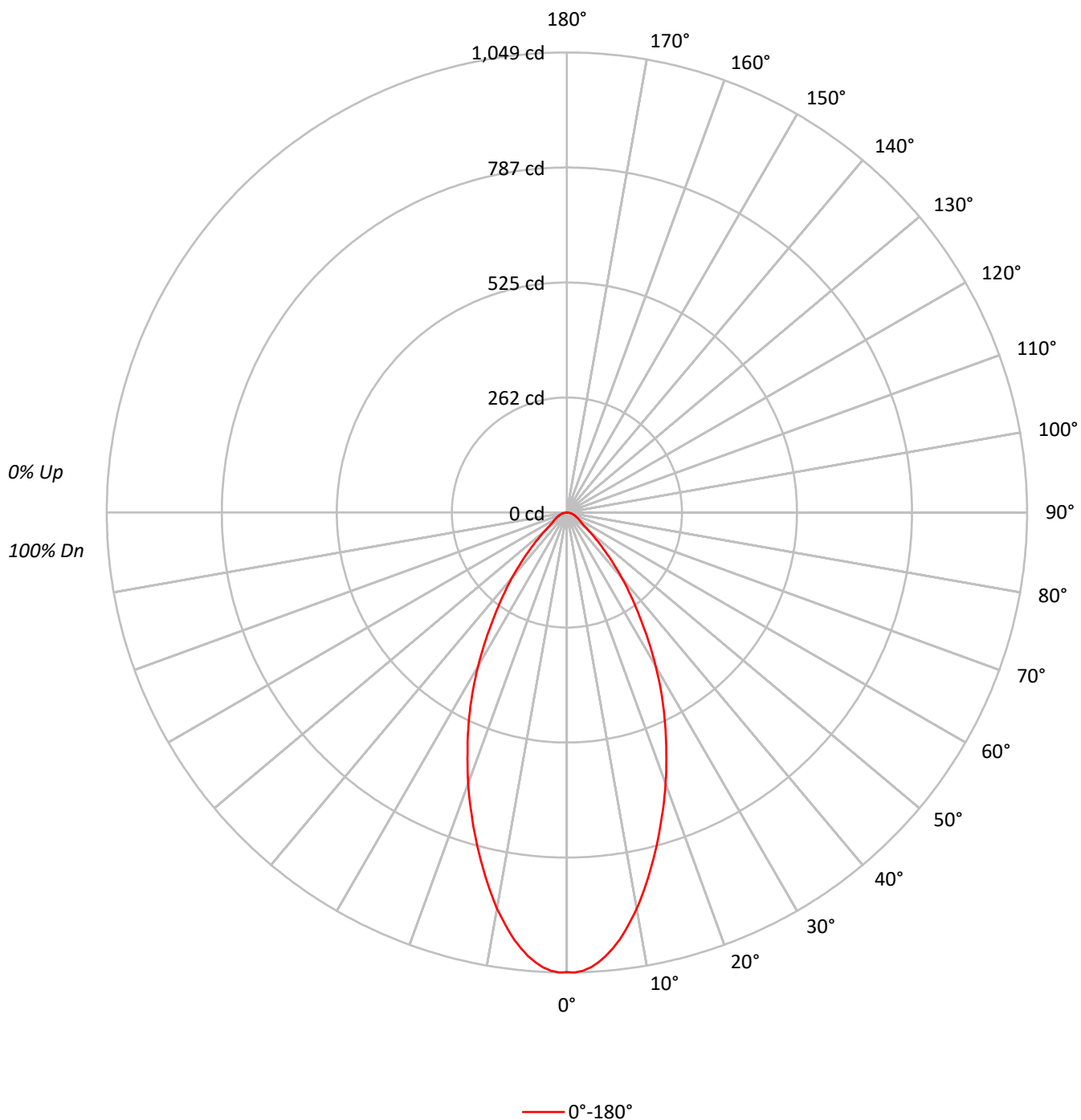
Lumens per Lamp: N/A
Luminaire Lumens: 911.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229784
5°	223552
10°	204294
15°	178934
20°	153500
25°	128161
30°	102573
35°	76935
40°	55819
45°	36500
50°	22822
55°	15445
60°	13683
65°	12556
70°	11861
75°	10760
80°	10229
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 36500 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	10.3
10°-20°	219.6	24.1
20°-30°	242.0	26.6
30°-40°	181.2	19.9
40°-50°	93.9	10.3
50°-60°	38.9	4.3
60°-70°	24.1	2.6
70°-80°	13.6	1.5
80°-90°	4.0	0.4
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°	555.3	61.0
0°-40°	736.5	80.8
0°-60°	869.4	95.4
0°-90°	911.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	911.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1048	
5°	1016	94
15°	788	220
25°	530	242
35°	287	181
45°	118	94
55°	40	39
65°	24	24
75°	13	14
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1047.9
1°	1049.1
2°	1045.6
3°	1038.7
4°	1028.3
5°	1015.6
6°	999.4
7°	982.1
8°	961.4
9°	939.4
10°	917.5
12.5°	854.0
15°	788.2
17.5°	722.5
20°	657.8
22.5°	592.0
25°	529.7
27.5°	467.4
30°	405.1
32.5°	343.9
35°	287.4
37.5°	238.9
40°	195.0
42.5°	154.6
45°	117.7
47.5°	88.9
50°	66.9
52.5°	49.6
55°	40.4
57.5°	35.8
60°	31.2
62.5°	27.7
65°	24.2
67.5°	20.8
70°	18.5
72.5°	15.0
75°	12.7
77.5°	10.4
80°	8.1
82.5°	5.8
85°	3.5
87.5°	1.2
90°	0.0

(END OF REPORT)