

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: P1265377

Luminaire Tested: P3A17R259730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265377
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

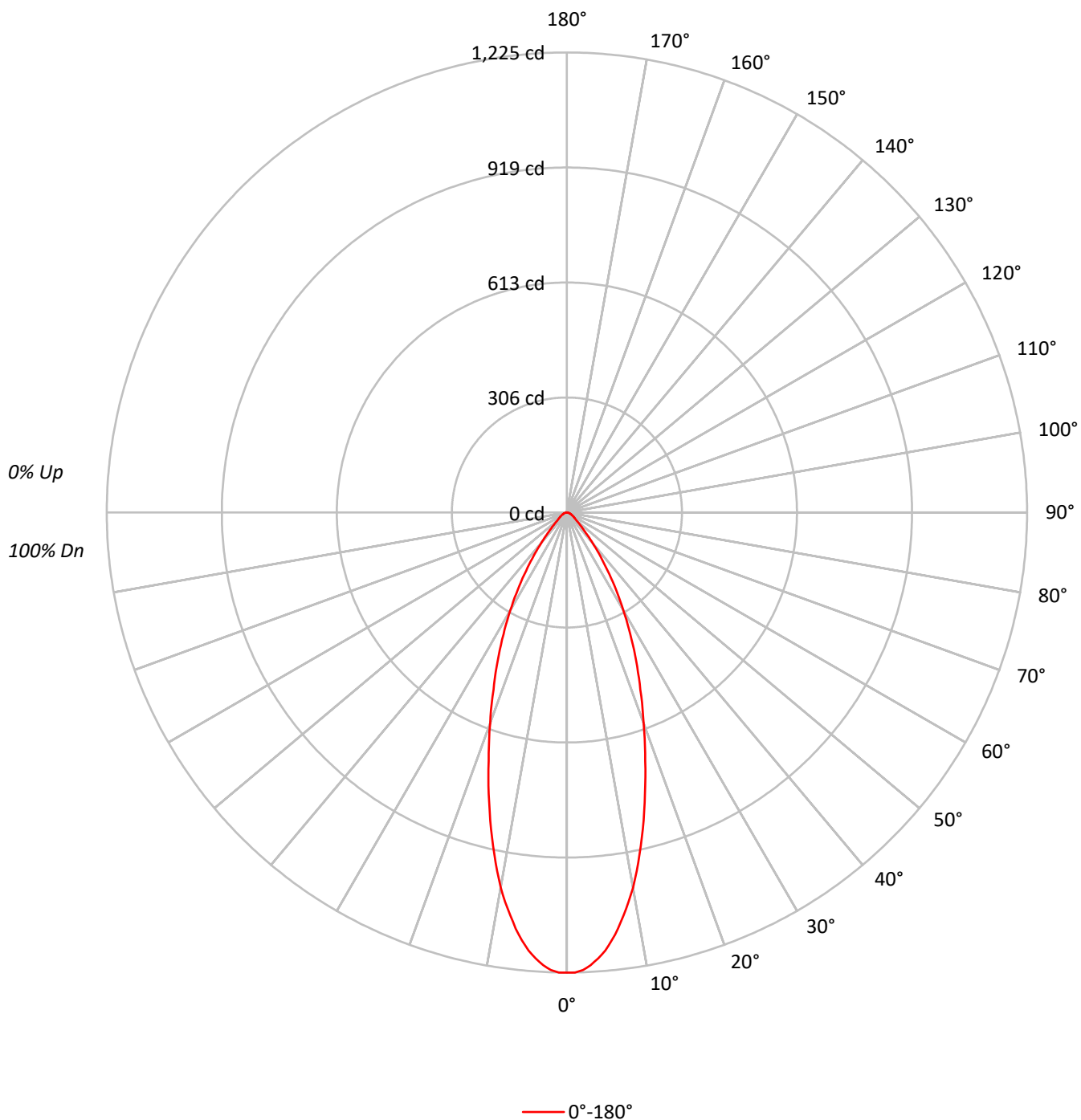
Lumens per Lamp: N/A
Luminaire Lumens: 740.0 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101		100	99	98		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	86	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	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	268663
5°	257759
10°	225803
15°	181499
20°	139452
25°	105514
30°	76240
35°	50647
40°	30715
45°	17893
50°	11428
55°	9252
60°	8113
65°	7160
70°	5898
75°	5846
80°	4420
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17893 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.6	14.4
10°-20°	221.1	29.9
20°-30°	199.9	27.0
30°-40°	120.1	16.2
40°-50°	47.7	6.4
50°-60°	22.0	3.0
60°-70°	13.4	1.8
70°-80°	7.2	1.0
80°-90°	2.1	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°	527.6	71.3
0°-40°	647.7	87.5
0°-60°	717.4	96.9
0°-90°	740.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	740.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1225	
5°	1171	107
15°	800	221
25°	436	200
35°	189	120
45°	58	48
55°	24	22
65°	14	13
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1225.2
1°	1225.2
2°	1219.4
3°	1206.7
4°	1190.6
5°	1171.0
6°	1145.6
7°	1116.7
8°	1083.3
9°	1049.8
10°	1014.1
11°	972.5
12°	929.9
13°	887.2
14°	844.5
15°	799.5
17.5°	693.4
20°	597.6
22.5°	511.1
25°	436.1
27.5°	365.7
30°	301.1
32.5°	242.3
35°	189.2
37.5°	144.2
40°	107.3
42.5°	78.4
45°	57.7
47.5°	43.8
50°	33.5
52.5°	27.7
55°	24.2
57.5°	20.8
60°	18.5
62.5°	15.0
65°	13.8
67.5°	11.5
70°	9.2
72.5°	8.1
75°	6.9
77.5°	5.8
80°	3.5
82.5°	2.3
85°	2.3
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)