

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: P1263229

Luminaire Tested: P3A17R659727DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263229
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R659727DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

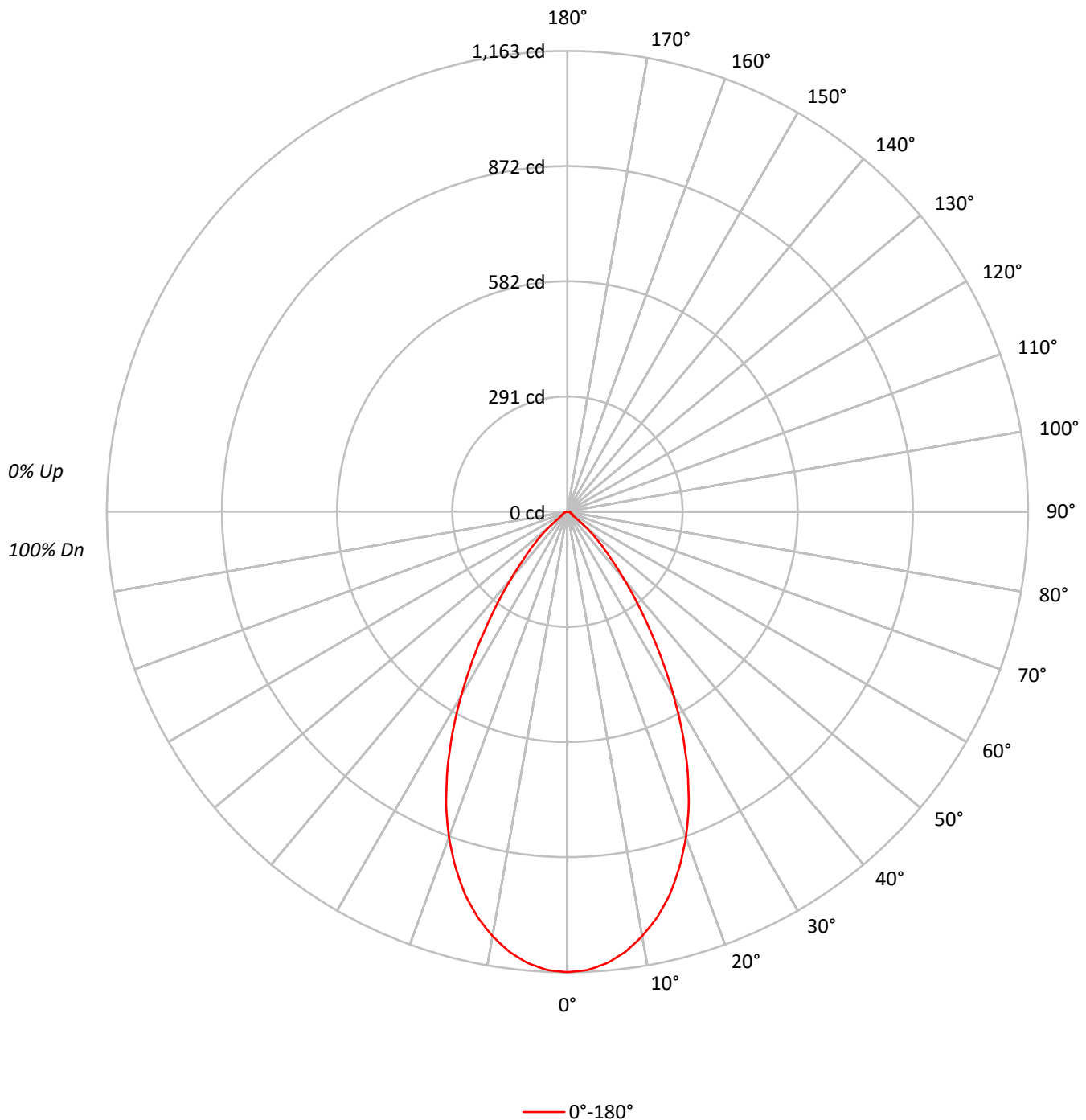
Lumens per Lamp: N/A
Luminaire Lumens: 1081.0 lumens
Efficiency: N/A
Efficacy: 51.0 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		63
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		58
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		51
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	254936
5°	251881
10°	242302
15°	226993
20°	204161
25°	173357
30°	135590
35°	96610
40°	63233
45°	39105
50°	19854
55°	6996
60°	6140
65°	6174
70°	5514
75°	5507
80°	5430
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39105 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.4	9.9
10°-20°	278.3	25.7
20°-30°	325.2	30.1
30°-40°	227.3	21.0
40°-50°	100.1	9.3
50°-60°	22.3	2.1
60°-70°	11.3	1.0
70°-80°	6.8	0.6
80°-90°	2.4	0.2
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°	710.9	65.8
0°-40°	938.2	86.8
0°-60°	1060.5	98.1
0°-90°	1081.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1081.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1163	
5°	1144	107
15°	1000	278
25°	716	325
35°	361	227
45°	126	100
55°	18	22
65°	12	11
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1162.6
2.5°	1158.3
5°	1144.3
7.5°	1120.6
10°	1088.2
12.5°	1048.4
15°	999.9
17.5°	940.6
20°	874.9
22.5°	800.6
25°	716.5
27.5°	628.2
30°	535.5
32.5°	446.1
35°	360.9
37.5°	286.6
40°	220.9
42.5°	167.0
45°	126.1
47.5°	92.7
50°	58.2
52.5°	30.2
55°	18.3
57.5°	16.2
60°	14.0
62.5°	12.9
65°	11.9
67.5°	9.7
70°	8.6
72.5°	7.5
75°	6.5
77.5°	5.4
80°	4.3
82.5°	3.2
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)