

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: P1270372

Luminaire Tested: P3A17R659740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270372
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: P3A17R659740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

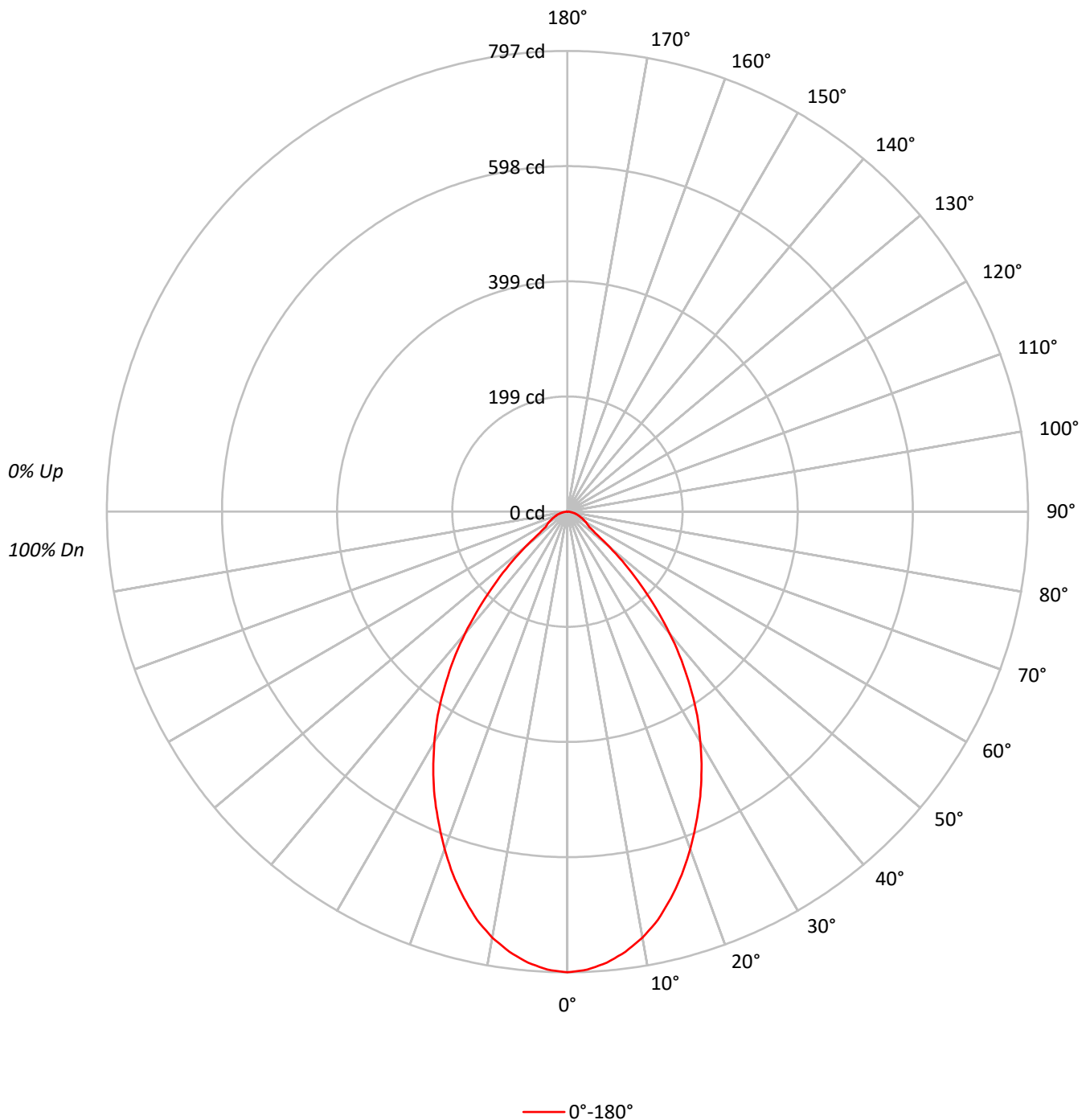
Lumens per Lamp: N/A
Luminaire Lumens: 982.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	174745
5°	172397
10°	166619
15°	157141
20°	144936
25°	131572
30°	116524
35°	99153
40°	78891
45°	55696
50°	32340
55°	17624
60°	16402
65°	14891
70°	13592
75°	12709
80°	10986
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 55696 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.7	7.5
10°-20°	193.7	19.7
20°-30°	248.9	25.3
30°-40°	230.2	23.4
40°-50°	139.0	14.2
50°-60°	47.4	4.8
60°-70°	28.5	2.9
70°-80°	16.1	1.6
80°-90°	4.6	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°	516.2	52.6
0°-40°	746.4	76.0
0°-60°	932.8	95.0
0°-90°	982.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	982.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	797	
5°	783	74
15°	692	194
25°	544	249
35°	370	230
45°	180	139
55°	46	47
65°	29	29
75°	15	16
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	796.9
2.5°	793.2
5°	783.2
7.5°	768.2
10°	748.3
12.5°	723.3
15°	692.2
17.5°	658.5
20°	621.1
22.5°	582.4
25°	543.8
27.5°	502.6
30°	460.2
32.5°	417.8
35°	370.4
37.5°	324.3
40°	275.6
42.5°	227.0
45°	179.6
47.5°	135.9
50°	94.8
52.5°	59.9
55°	46.1
57.5°	41.2
60°	37.4
62.5°	32.4
65°	28.7
67.5°	24.9
70°	21.2
72.5°	18.7
75°	15.0
77.5°	12.5
80°	8.7
82.5°	6.2
85°	3.7
87.5°	2.5
90°	0.0

(END OF REPORT)