

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: P1265437

Luminaire Tested: P3A17R359730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265437
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R359730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

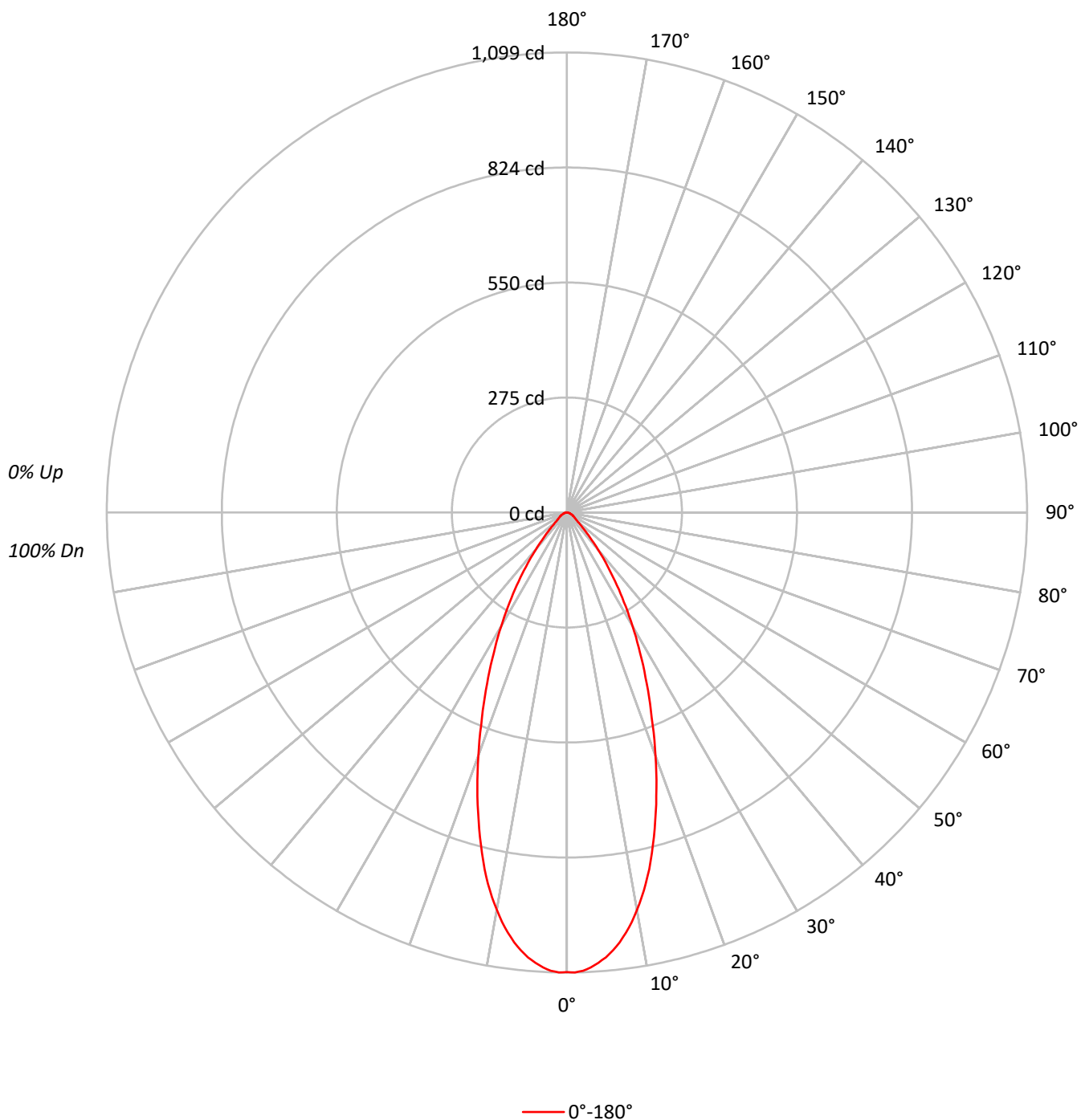
Lumens per Lamp: N/A
Luminaire Lumens: 749.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	240748
5°	234822
10°	214670
15°	182226
20°	144236
25°	109095
30°	79430
35°	53726
40°	33005
45°	18948
50°	11394
55°	9252
60°	8113
65°	7160
70°	5898
75°	5846
80°	5809
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18948 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	98.6	13.2
10°-20°	221.3	29.5
20°-30°	207.0	27.6
30°-40°	126.7	16.9
40°-50°	49.9	6.7
50°-60°	22.0	2.9
60°-70°	13.7	1.8
70°-80°	7.3	1.0
80°-90°	2.5	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°	526.9	70.3
0°-40°	653.6	87.3
0°-60°	725.5	96.9
0°-90°	749.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	749.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1098	
5°	1067	99
15°	803	221
25°	451	207
35°	201	127
45°	61	50
55°	24	22
65°	14	14
75°	7	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1097.9
1°	1099.1
2°	1095.6
3°	1088.7
4°	1078.3
5°	1066.8
6°	1051.8
7°	1034.5
8°	1013.7
9°	990.6
10°	964.1
11°	936.4
12°	906.5
13°	874.2
14°	838.4
15°	802.7
17.5°	710.4
20°	618.1
22.5°	529.3
25°	450.9
27.5°	378.3
30°	313.7
32.5°	253.7
35°	200.7
37.5°	153.4
40°	115.3
42.5°	83.0
45°	61.1
47.5°	43.8
50°	33.4
52.5°	27.7
55°	24.2
57.5°	20.8
60°	18.5
62.5°	16.1
65°	13.8
67.5°	11.5
70°	9.2
72.5°	8.1
75°	6.9
77.5°	5.8
80°	4.6
82.5°	3.5
85°	2.3
87.5°	1.2



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)