

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: P1265639

Luminaire Tested: P3A17R709730DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265639
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R709730DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

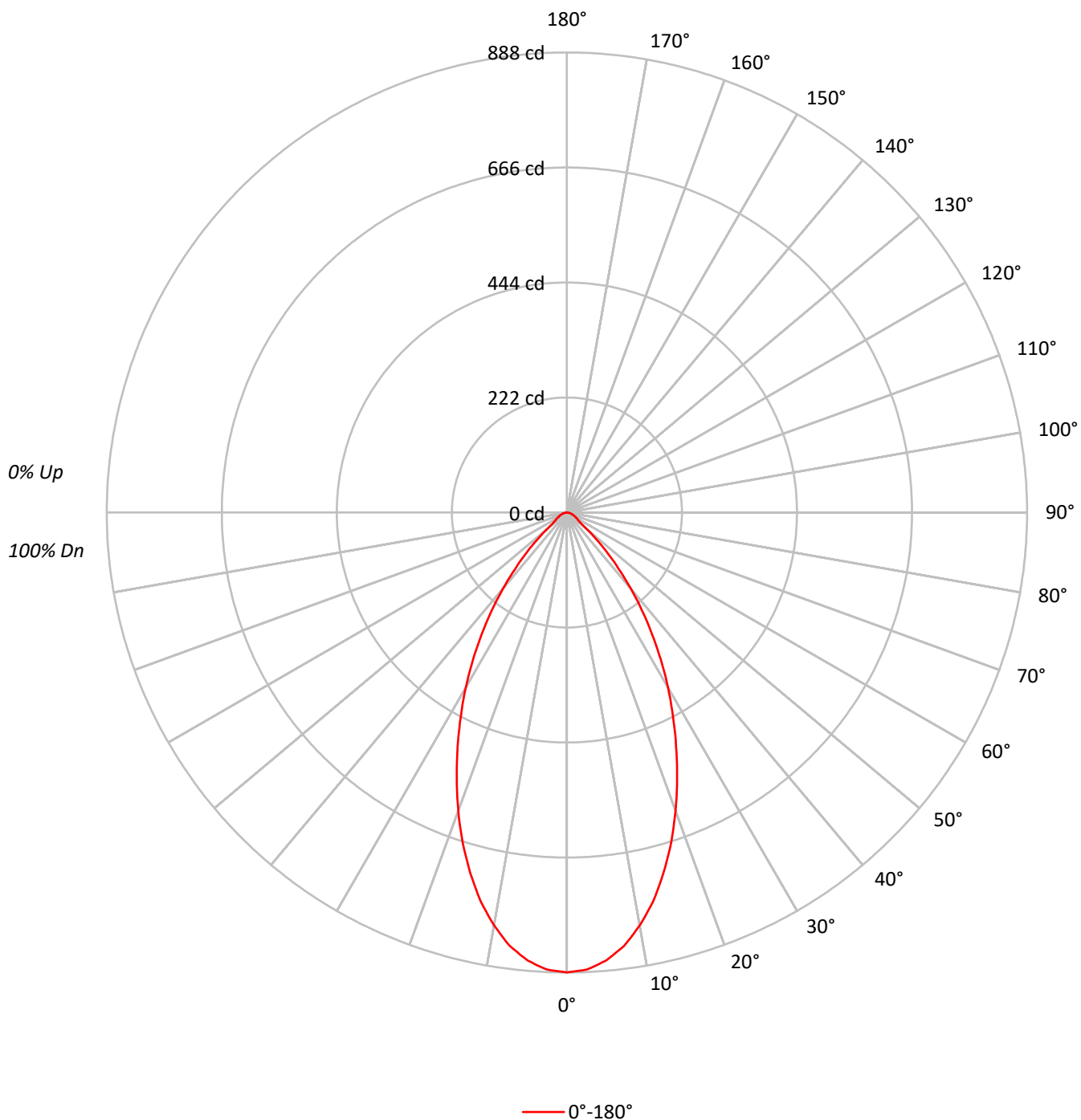
Lumens per Lamp: N/A
Luminaire Lumens: 830.0 lumens
Efficiency: N/A
Efficacy: 39.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265639

CATALOG NUMBER: P3A17R709730DE010 E3DL1WH

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	194677
5°	191107
10°	180202
15°	163542
20°	143069
25°	120684
30°	98800
35°	76640
40°	54874
45°	34732
50°	17330
55°	10590
60°	9122
65°	8406
70°	7373
75°	6863
80°	5809
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34732 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	9.8
10°-20°	200.5	24.2
20°-30°	228.3	27.5
30°-40°	178.5	21.5
40°-50°	87.7	10.6
50°-60°	27.0	3.2
60°-70°	16.0	1.9
70°-80°	8.5	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°	509.8	61.4
0°-40°	688.3	82.9
0°-60°	803.0	96.7
0°-90°	830.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	830.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	888	
5°	868	81
15°	720	200
25°	499	228
35°	286	179
45°	112	88
55°	28	27
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	887.8
2.5°	883.2
5°	868.2
7.5°	844.0
10°	809.3
12.5°	768.9
15°	720.4
17.5°	668.5
20°	613.1
22.5°	555.3
25°	498.8
27.5°	443.3
30°	390.2
32.5°	337.1
35°	286.3
37.5°	237.8
40°	191.7
42.5°	148.9
45°	112.0
47.5°	78.5
50°	50.8
52.5°	33.5
55°	27.7
57.5°	24.2
60°	20.8
62.5°	18.5
65°	16.2
67.5°	13.9
70°	11.5
72.5°	9.2
75°	8.1
77.5°	6.9
80°	4.6
82.5°	3.5
85°	2.3
87.5°	1.2
90°	0.0

(END OF REPORT)