

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: P1264887

Luminaire Tested: P3A09R709730DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264887
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: P3A09R709730DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

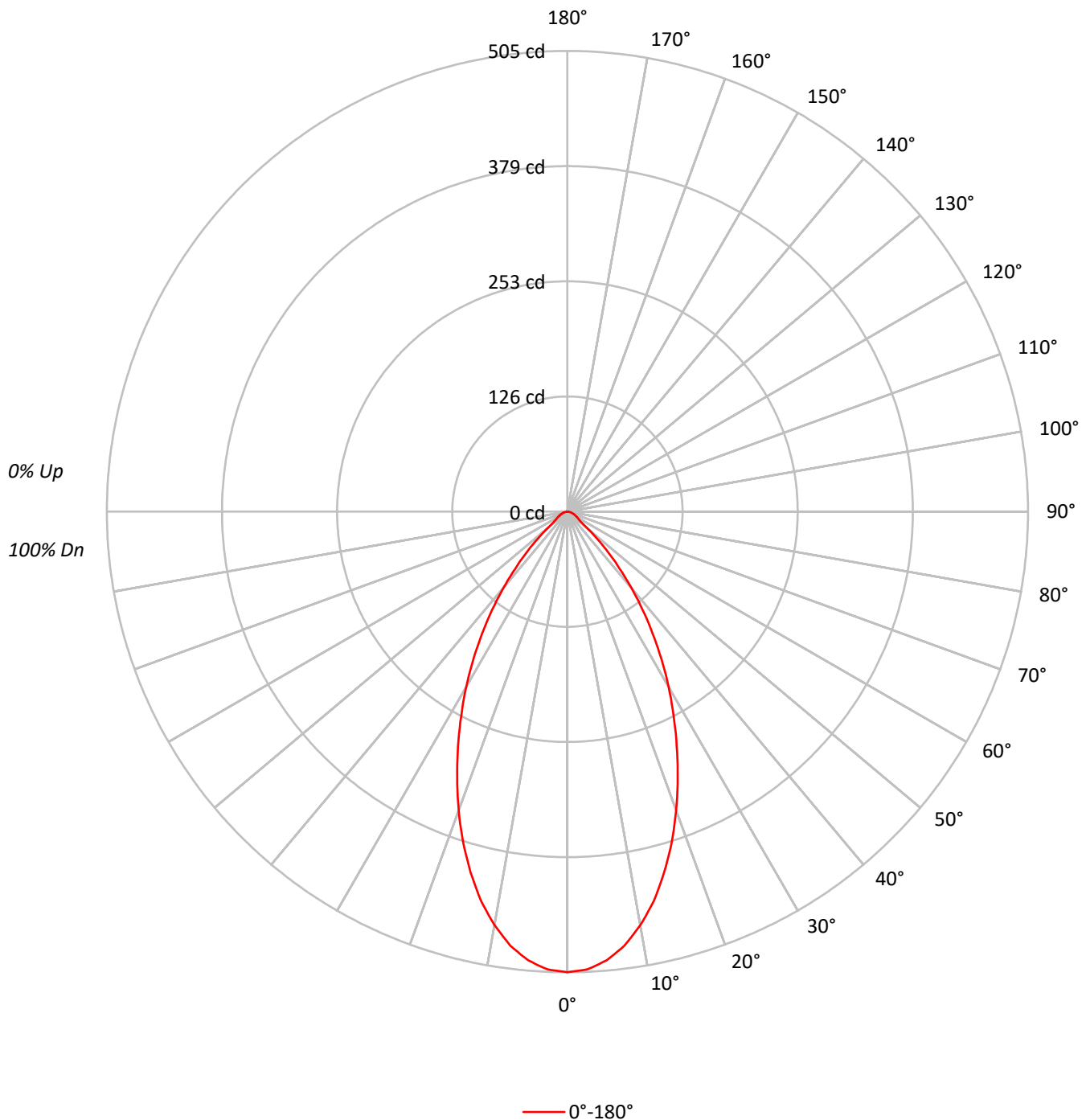
Lumens per Lamp: N/A
Luminaire Lumens: 472.0 lumens
Efficiency: N/A
Efficacy: 42.5 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	104		110	107	105	103		103	101	100		100	98	97		96	95	94
2	106	101	97	93		104	99	95	92		96	93	90		93	90	88		90	88	86
3	100	93	88	83		98	92	87	83		89	85	81		87	83	80		84	81	79
4	95	86	80	76		93	85	80	75		83	78	74		81	77	73		79	76	73
5	89	80	74	69		88	79	73	69		78	72	68		76	71	68		74	70	67
6	85	75	68	64		83	74	68	64		73	67	63		71	66	63		70	65	62
7	80	70	64	59		79	69	63	59		68	62	58		67	62	58		66	61	58
8	76	66	59	55		75	65	59	55		64	58	54		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	58	52	48		67	58	52	48		57	51	48		56	51	48		55	51	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	110715
5°	108672
10°	102470
15°	93008
20°	81347
25°	68617
30°	56186
35°	43580
40°	31201
45°	19754
50°	9859
55°	6040
60°	5175
65°	4774
70°	4231
75°	3897
80°	3283
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19754 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.1	9.8
10°-20°	114.0	24.2
20°-30°	129.8	27.5
30°-40°	101.5	21.5
40°-50°	49.9	10.6
50°-60°	15.3	3.2
60°-70°	9.1	1.9
70°-80°	4.9	1.0
80°-90°	1.4	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°	289.9	61.4
0°-40°	391.4	82.9
0°-60°	456.6	96.7
0°-90°	472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	505	
5°	494	46
15°	410	114
25°	284	130
35°	163	102
45°	64	50
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	504.9
2.5°	502.3
5°	493.7
7.5°	479.9
10°	460.2
12.5°	437.3
15°	409.7
17.5°	380.1
20°	348.6
22.5°	315.8
25°	283.6
27.5°	252.1
30°	221.9
32.5°	191.7
35°	162.8
37.5°	135.3
40°	109.0
42.5°	84.7
45°	63.7
47.5°	44.6
50°	28.9
52.5°	19.0
55°	15.8
57.5°	13.8
60°	11.8
62.5°	10.5
65°	9.2
67.5°	7.9
70°	6.6
72.5°	5.3
75°	4.6
77.5°	3.9
80°	2.6
82.5°	2.0
85°	1.3
87.5°	0.7
90°	0.0

(END OF REPORT)