

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: P1269300

Luminaire Tested: P3A09R109740DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269300
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R109740DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R10 optic, 4000K CCT AND, 97CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

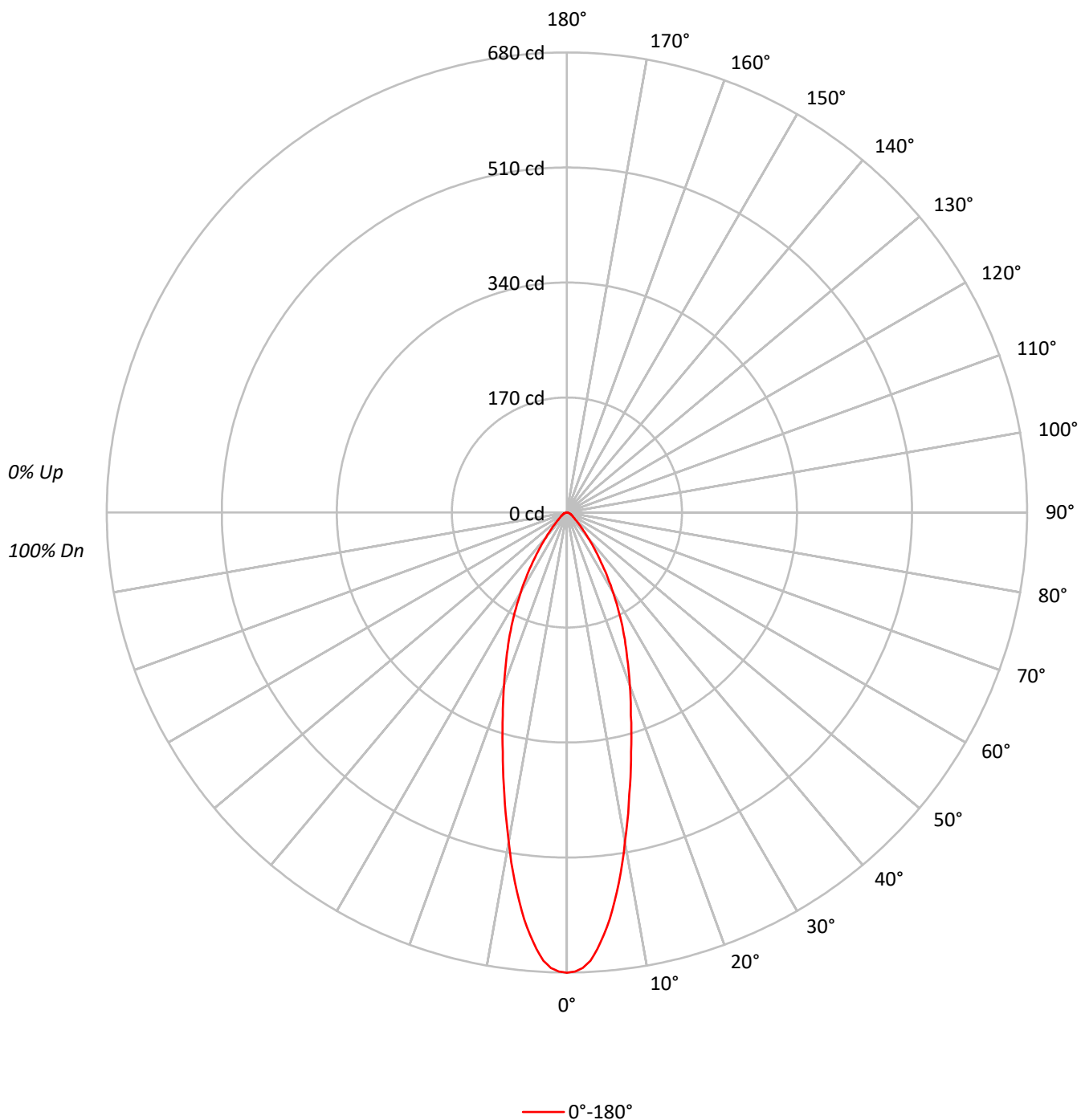
Lumens per Lamp: N/A
Luminaire Lumens: 346.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149199
5°	137904
10°	110085
15°	83156
20°	63332
25°	48269
30°	34562
35°	22566
40°	13826
45°	8373
50°	5561
55°	4282
60°	3684
65°	3217
70°	2885
75°	2881
80°	2147
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.5	16.0
10°-20°	102.4	29.6
20°-30°	91.2	26.3
30°-40°	53.9	15.6
40°-50°	22.1	6.4
50°-60°	10.4	3.0
60°-70°	6.3	1.8
70°-80°	3.3	1.0
80°-90°	0.9	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°	249.1	72.0
0°-40°	303.0	87.6
0°-60°	335.5	97.0
0°-90°	346.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	346.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	680	
5°	626	55
15°	366	102
25°	200	91
35°	84	54
45°	27	22
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	680.4
1°	678.7
2°	673.7
3°	663.6
4°	646.7
5°	626.5
6°	604.6
7°	578.7
8°	551.8
9°	524.2
10°	494.4
12.5°	426.5
15°	366.3
17.5°	314.6
20°	271.4
22.5°	233.2
25°	199.5
27.5°	166.9
30°	136.5
32.5°	109.0
35°	84.3
37.5°	64.6
40°	48.3
42.5°	36.0
45°	27.0
47.5°	20.8
50°	16.3
52.5°	13.5
55°	11.2
57.5°	9.6
60°	8.4
62.5°	7.3
65°	6.2
67.5°	5.6
70°	4.5
72.5°	3.9
75°	3.4
77.5°	2.2
80°	1.7
82.5°	1.1
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)