

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: P1269356

Luminaire Tested: P3A09R209740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

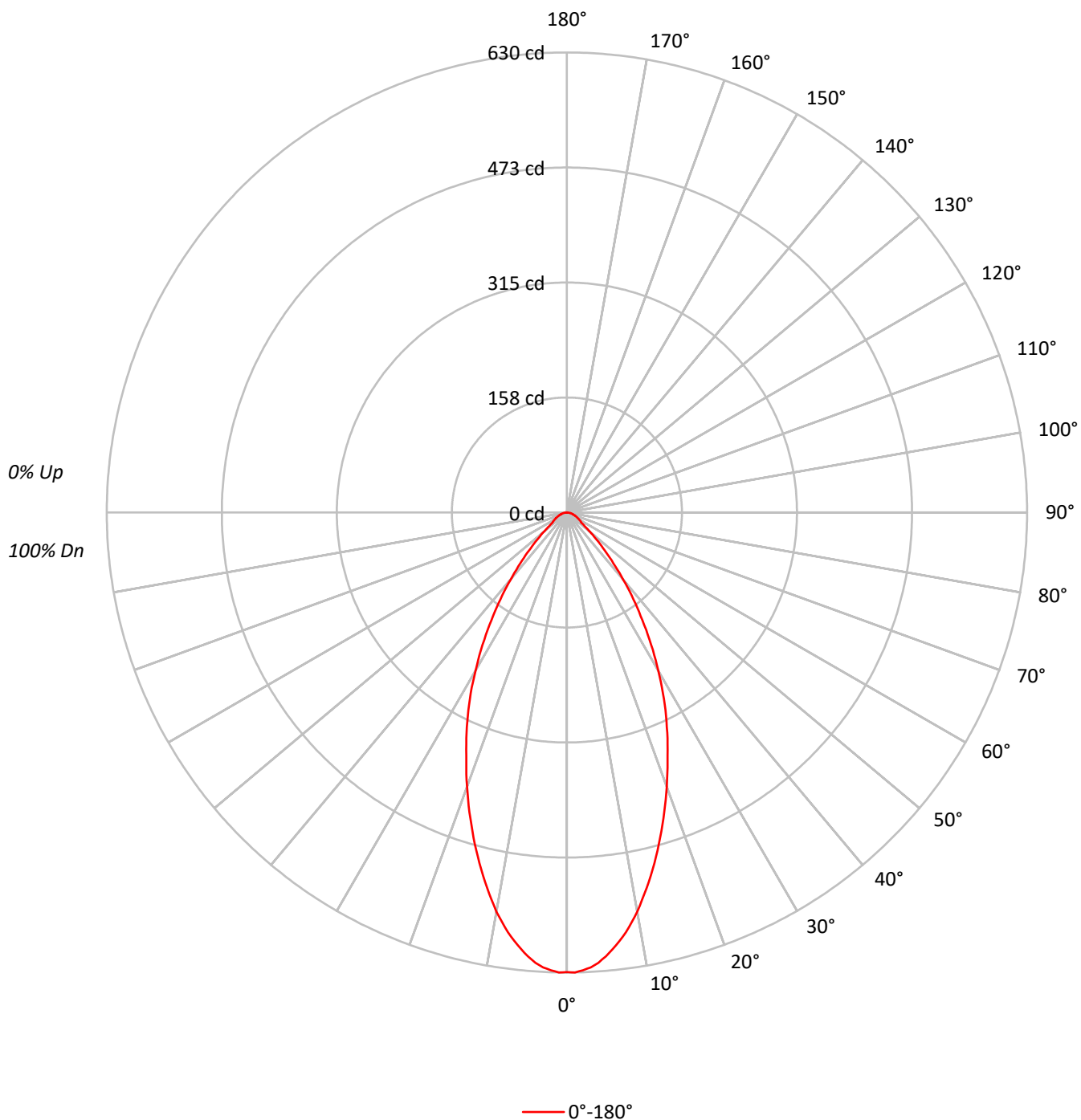
Lumens per Lamp: N/A
Luminaire Lumens: 558.0 lumens
Efficiency: N/A
Efficacy: 50.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138015
5°	134338
10°	123578
15°	108786
20°	93295
25°	78367
30°	63352
35°	48185
40°	34293
45°	22638
50°	14021
55°	9214
60°	8377
65°	7731
70°	7245
75°	6608
80°	6314
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22638 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	56.5	10.1
10°-20°	133.4	23.9
20°-30°	148.1	26.5
30°-40°	113.0	20.2
40°-50°	57.8	10.4
50°-60°	23.8	4.3
60°-70°	14.8	2.7
70°-80°	8.3	1.5
80°-90°	2.4	0.4
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°	337.9	60.6
0°-40°	450.9	80.8
0°-60°	532.5	95.4
0°-90°	558.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	558.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	629	
5°	610	56
15°	479	133
25°	324	148
35°	180	113
45°	73	58
55°	24	24
65°	15	15
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	629.4
1°	630.1
2°	627.3
3°	623.8
4°	618.1
5°	610.3
6°	601.1
7°	591.2
8°	580.5
9°	567.8
10°	555.0
12.5°	518.1
15°	479.2
17.5°	439.5
20°	399.8
22.5°	360.1
25°	323.9
27.5°	287.8
30°	250.2
32.5°	214.8
35°	180.0
37.5°	149.6
40°	119.8
42.5°	94.3
45°	73.0
47.5°	55.3
50°	41.1
52.5°	30.5
55°	24.1
57.5°	22.0
60°	19.1
62.5°	17.0
65°	14.9
67.5°	12.8
70°	11.3
72.5°	9.2
75°	7.8
77.5°	6.4
80°	5.0
82.5°	3.5
85°	2.1
87.5°	0.7
90°	0.0

(END OF REPORT)