

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: P1269325

Luminaire Tested: P3A09R159740DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269325
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R159740DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

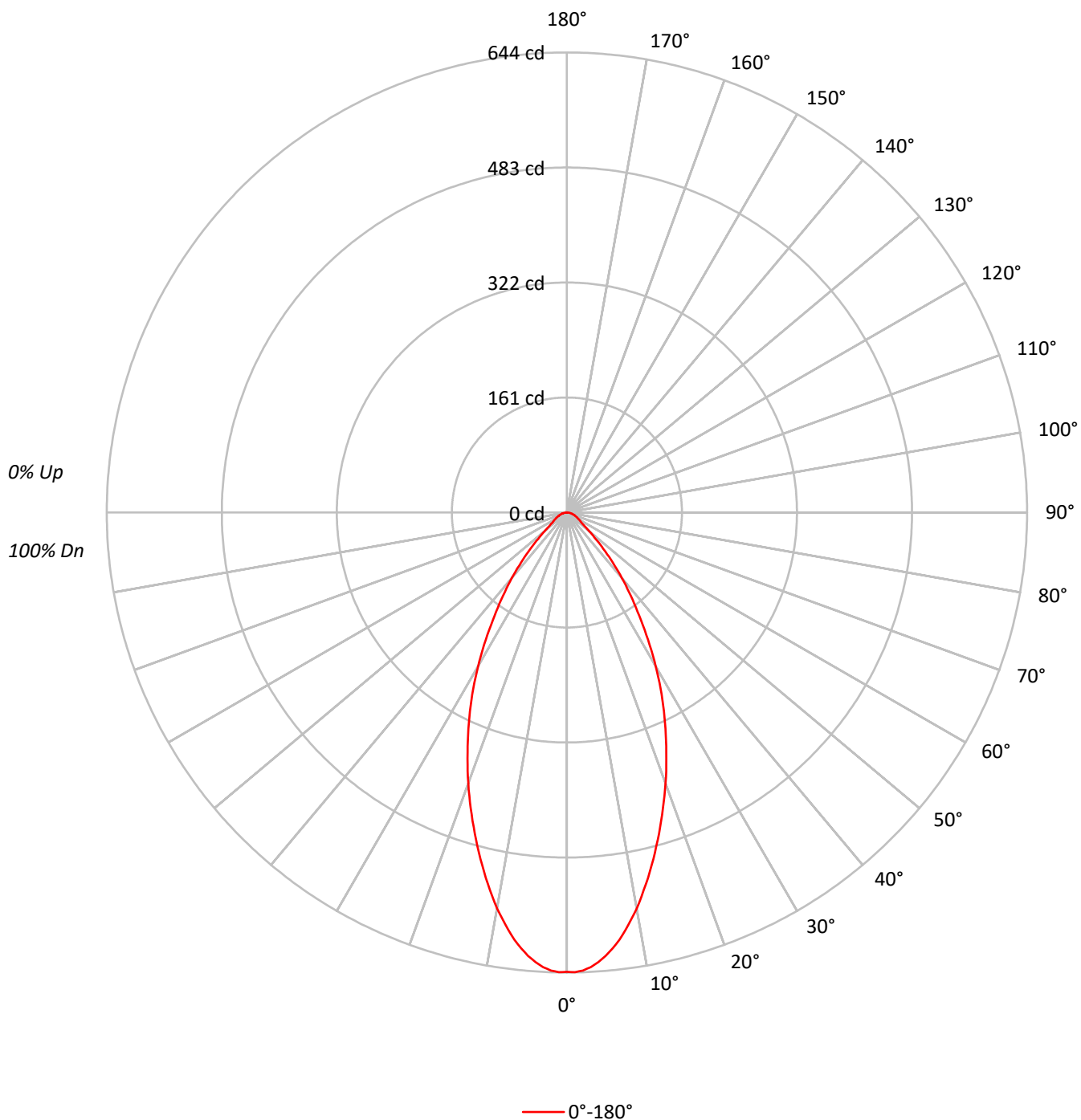
Lumens per Lamp: N/A
Luminaire Lumens: 559.0 lumens
Efficiency: N/A
Efficacy: 50.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	140997
5°	137178
10°	125360
15°	109808
20°	94205
25°	78634
30°	62946
35°	47194
40°	34264
45°	22390
50°	14021
55°	9481
60°	8377
65°	7731
70°	7245
75°	6608
80°	6314
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22390 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	10.3
10°-20°	134.8	24.1
20°-30°	148.5	26.6
30°-40°	111.2	19.9
40°-50°	57.6	10.3
50°-60°	23.9	4.3
60°-70°	14.8	2.6
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°	340.8	61.0
0°-40°	452.0	80.9
0°-60°	533.5	95.4
0°-90°	559.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	559.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	643	
5°	623	58
15°	484	135
25°	325	148
35°	176	111
45°	72	58
55°	25	24
65°	15	15
75°	8	8
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	643.0
1°	643.7
2°	641.6
3°	637.3
4°	631.0
5°	623.2
6°	613.3
7°	602.6
8°	589.9
9°	576.4
10°	563.0
12.5°	524.0
15°	483.7
17.5°	443.3
20°	403.7
22.5°	363.3
25°	325.0
27.5°	286.8
30°	248.6
32.5°	211.0
35°	176.3
37.5°	146.6
40°	119.7
42.5°	94.9
45°	72.2
47.5°	54.5
50°	41.1
52.5°	30.5
55°	24.8
57.5°	22.0
60°	19.1
62.5°	17.0
65°	14.9
67.5°	12.7
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)