

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: P1257003

Luminaire Tested: P3AS09R359040DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257003
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R359040DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

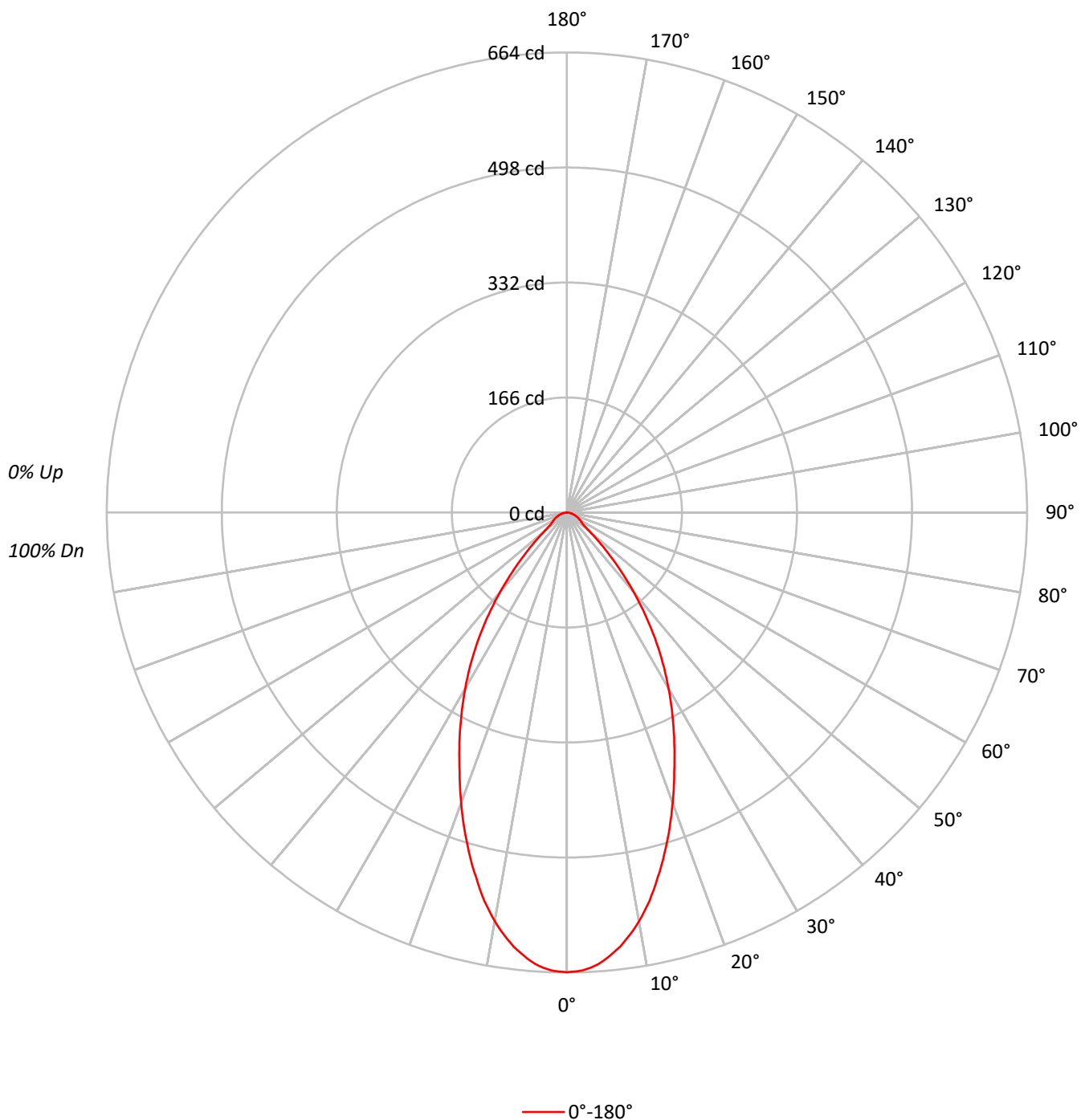
Lumens per Lamp: N/A
Luminaire Lumens: 637.1 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145515
5°	142417
10°	133375
15°	119728
20°	104146
25°	88747
30°	74341
35°	59214
40°	42823
45°	27104
50°	14771
55°	10246
60°	9648
65°	8976
70°	8591
75°	7371
80°	6945
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27104 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.2	9.5
10°-20°	146.8	23.0
20°-30°	168.2	26.4
30°-40°	137.3	21.5
40°-50°	69.2	10.9
50°-60°	25.7	4.0
60°-70°	17.2	2.7
70°-80°	9.6	1.5
80°-90°	2.9	0.5
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°	375.2	58.9
0°-40°	512.4	80.4
0°-60°	607.4	95.3
0°-90°	637.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	637.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	664	
5°	647	60
15°	527	147
25°	367	168
35°	221	137
45°	87	69
55°	27	26
65°	17	17
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	663.6
1°	662.8
2°	661.2
3°	658.1
4°	653.3
5°	647.0
6°	639.2
7°	631.3
8°	621.1
9°	610.8
10°	599.0
11°	586.4
12°	573.1
13°	558.1
14°	542.4
15°	527.4
17.5°	487.3
20°	446.3
22.5°	404.6
25°	366.8
27.5°	329.8
30°	293.6
32.5°	257.4
35°	221.2
37.5°	185.0
40°	149.6
42.5°	116.5
45°	87.4
47.5°	63.0
50°	43.3
52.5°	31.5
55°	26.8
57.5°	24.4
60°	22.0
62.5°	19.7
65°	17.3
67.5°	15.0
70°	13.4
72.5°	11.0
75°	8.7
77.5°	7.1
80°	5.5
82.5°	3.9
85°	2.4
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)