

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: P1259599

Luminaire Tested: P3AS09R359050DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259599
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: P3AS09R359050DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

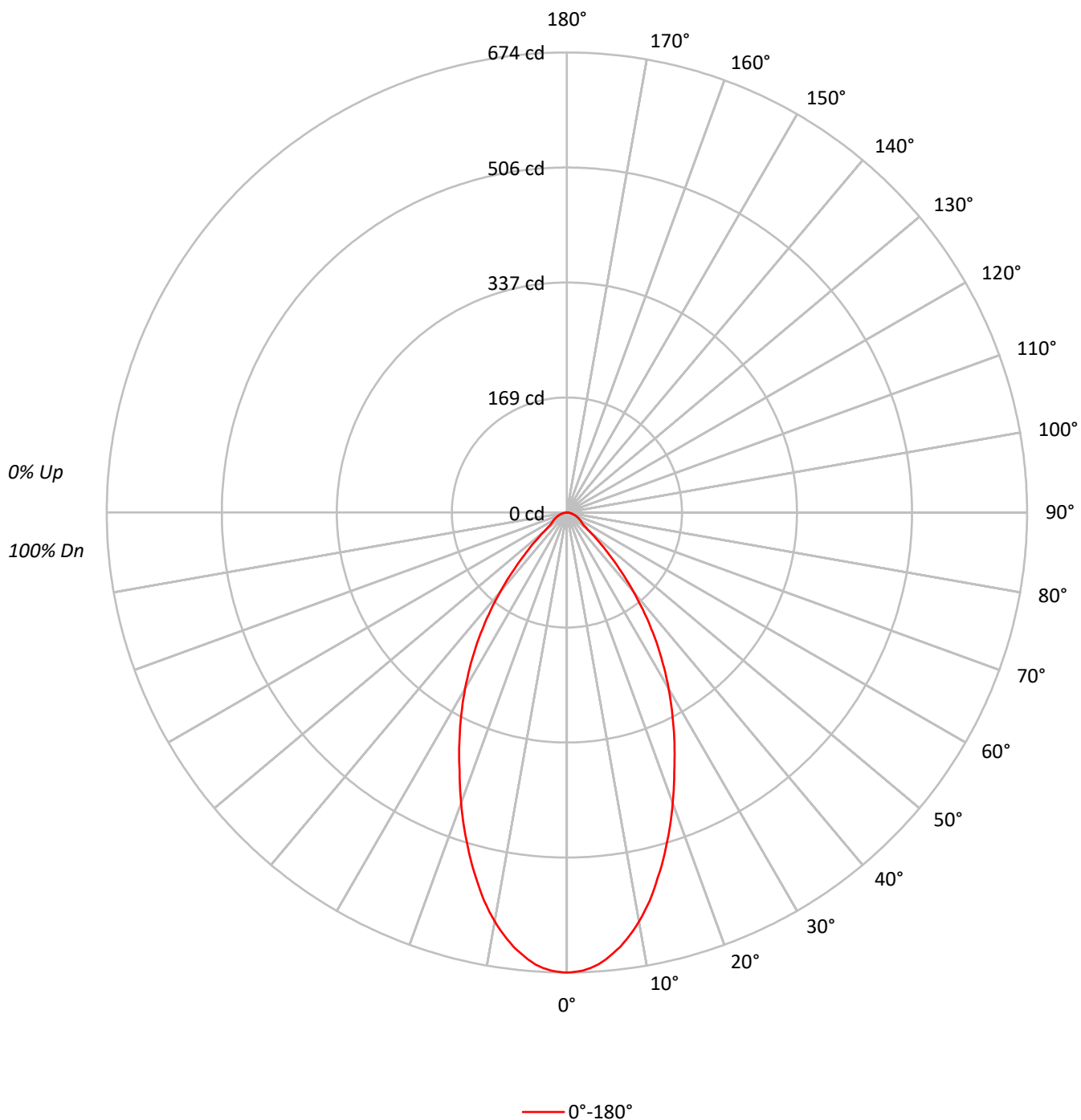
Lumens per Lamp: N/A
Luminaire Lumens: 647.0 lumens
Efficiency: N/A
Efficacy: 58.3 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	147795
5°	144662
10°	135468
15°	121613
20°	105779
25°	90150
30°	75505
35°	60150
40°	43481
45°	27507
50°	15010
55°	10399
60°	9824
65°	9132
70°	8719
75°	7456
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27507 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	9.5
10°-20°	149.1	23.0
20°-30°	170.8	26.4
30°-40°	139.4	21.5
40°-50°	70.3	10.9
50°-60°	26.1	4.0
60°-70°	17.5	2.7
70°-80°	9.7	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°	381.1	58.9
0°-40°	520.5	80.4
0°-60°	616.9	95.3
0°-90°	647.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	647.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	674	
5°	657	61
15°	536	149
25°	373	171
35°	225	139
45°	89	70
55°	27	26
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	674.0
1°	673.2
2°	671.6
3°	668.4
4°	663.6
5°	657.2
6°	649.2
7°	641.2
8°	630.8
9°	620.4
10°	608.4
11°	595.6
12°	582.1
13°	566.9
14°	550.9
15°	535.7
17.5°	494.9
20°	453.3
22.5°	411.0
25°	372.6
27.5°	335.0
30°	298.2
32.5°	261.4
35°	224.7
37.5°	187.9
40°	151.9
42.5°	118.3
45°	88.7
47.5°	64.0
50°	44.0
52.5°	32.0
55°	27.2
57.5°	24.8
60°	22.4
62.5°	20.0
65°	17.6
67.5°	15.2
70°	13.6
72.5°	11.2
75°	8.8
77.5°	7.2
80°	5.6
82.5°	4.0
85°	2.4
87.5°	1.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)