

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: P1258877

Luminaire Tested: P3AS02R359050DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258877
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: P3AS02R359050DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

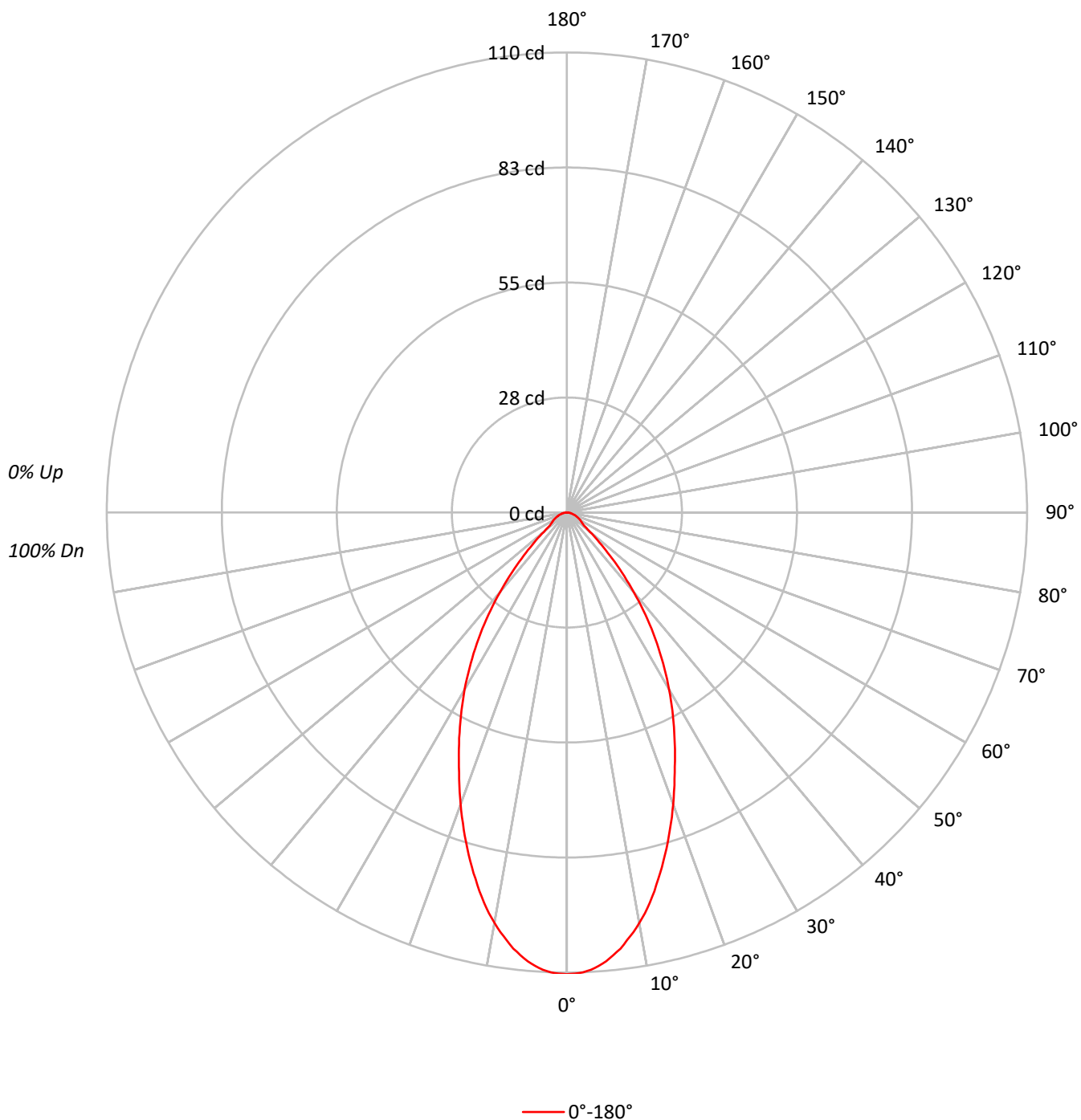
Lumens per Lamp: N/A
Luminaire Lumens: 106.0 lumens
Efficiency: N/A
Efficacy: 29.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	66	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°	24209
5°	23707
10°	22200
15°	19932
20°	17338
25°	14759
30°	12382
35°	9851
40°	7128
45°	4497
50°	2456
55°	1720
60°	1623
65°	1505
70°	1410
75°	1186
80°	1137
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	9.4
10°-20°	24.4	23.0
20°-30°	28.0	26.4
30°-40°	22.8	21.5
40°-50°	11.5	10.9
50°-60°	4.3	4.0
60°-70°	2.9	2.7
70°-80°	1.6	1.5
80°-90°	0.5	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°	62.4	58.9
0°-40°	85.3	80.4
0°-60°	101.1	95.3
0°-90°	106.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	106.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	110	
5°	108	10
15°	88	24
25°	61	28
35°	37	23
45°	14	12
55°	4	4
65°	3	3
75°	1	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	110.4
1°	110.3
2°	110.0
3°	109.5
4°	108.7
5°	107.7
6°	106.4
7°	105.1
8°	103.3
9°	101.6
10°	99.7
11°	97.6
12°	95.4
13°	92.9
14°	90.3
15°	87.8
17.5°	81.1
20°	74.3
22.5°	67.3
25°	61.0
27.5°	54.9
30°	48.9
32.5°	42.8
35°	36.8
37.5°	30.8
40°	24.9
42.5°	19.4
45°	14.5
47.5°	10.5
50°	7.2
52.5°	5.2
55°	4.5
57.5°	4.1
60°	3.7
62.5°	3.3
65°	2.9
67.5°	2.5
70°	2.2
72.5°	1.8
75°	1.4
77.5°	1.2
80°	0.9
82.5°	0.7
85°	0.4
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)