

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: P1258871

Luminaire Tested: P3AS02R359050DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258871
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359050DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

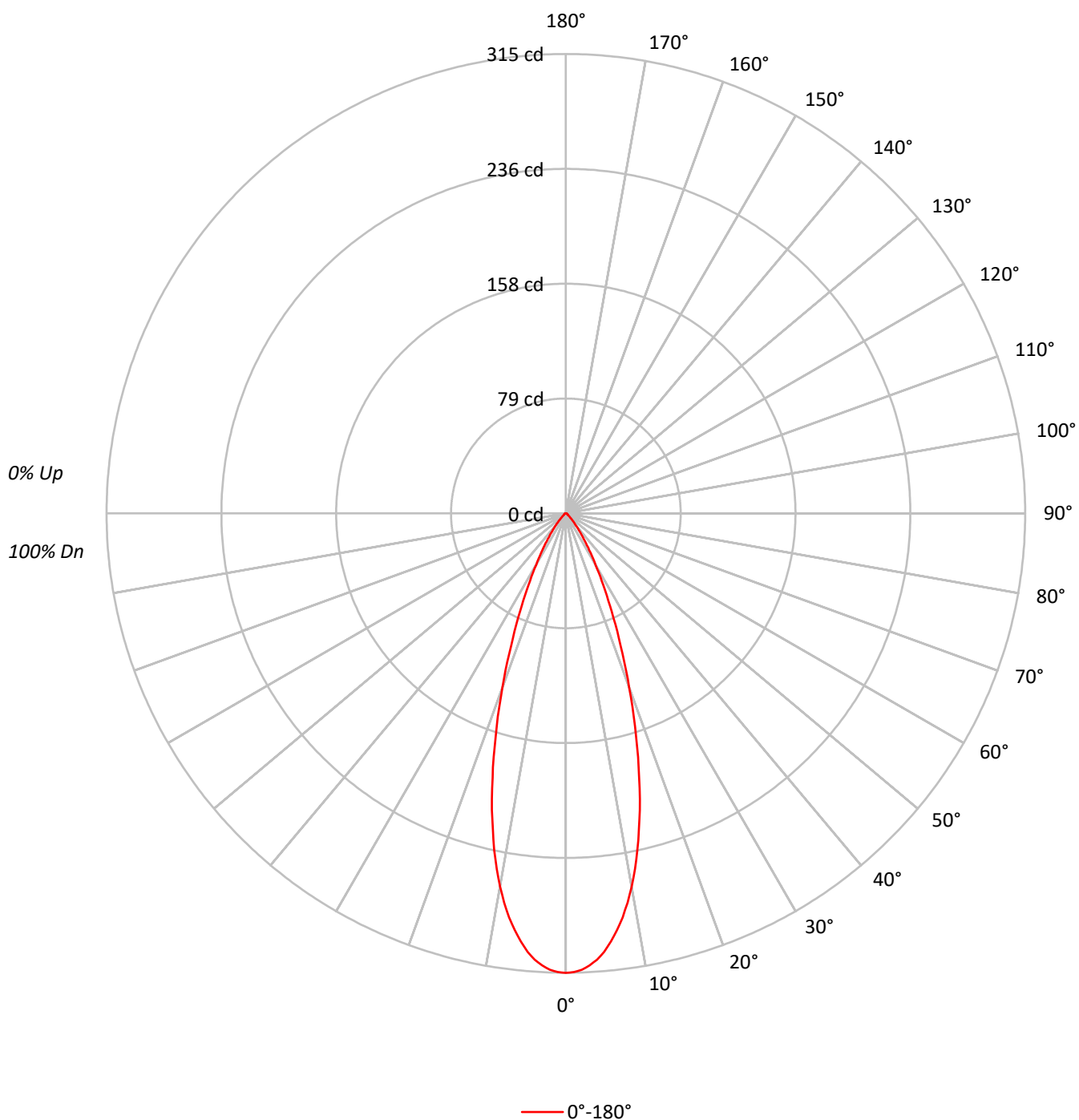
Lumens per Lamp: N/A
Luminaire Lumens: 137.0 lumens
Efficiency: N/A
Efficacy: 38.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1258871

CATALOG NUMBER: P3AS02R359050DE010 E3DL1GPH

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	114	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	69095
5°	66410
10°	57870
15°	44314
20°	29659
25°	17953
30°	10305
35°	5755
40°	3063
45°	1582
50°	751
55°	612
60°	570
65°	467
70°	513
75°	424
80°	505
85°	252

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1582 cd/sqm

TEST NUMBER: P1258871

CATALOG NUMBER: P3AS02R359050DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.5	20.0
10°-20°	53.2	38.8
20°-30°	34.8	25.4
30°-40°	14.1	10.3
40°-50°	4.2	3.1
50°-60°	1.4	1.1
60°-70°	1.0	0.7
70°-80°	0.6	0.4
80°-90°	0.2	0.1
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°	115.5	84.3
0°-40°	129.6	94.6
0°-60°	135.3	98.7
0°-90°	137.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	137.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	315	
5°	302	27
15°	195	53
25°	74	35
35°	22	14
45°	5	4
55°	2	1
65°	1	1
75°	0	1
85°	0	0
90°	0	

TEST NUMBER: P1258871

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CANDELA DISTRIBUTION (FULL):

0°	
0°	315.1
1°	314.6
2°	313.2
3°	310.3
4°	306.9
5°	301.7
6°	295.2
7°	287.9
8°	279.7
9°	270.3
10°	259.9
11°	248.3
12°	236.1
13°	222.6
14°	209.7
15°	195.2
17.5°	160.2
20°	127.1
22.5°	97.7
25°	74.2
27.5°	55.3
30°	40.7
32.5°	29.8
35°	21.5
37.5°	15.2
40°	10.7
42.5°	7.4
45°	5.1
47.5°	3.4
50°	2.2
52.5°	1.7
55°	1.6
57.5°	1.4
60°	1.3
62.5°	1.2
65°	0.9
67.5°	0.8
70°	0.8
72.5°	0.7
75°	0.5
77.5°	0.4
80°	0.4
82.5°	0.3
85°	0.1
87.5°	0.1



TEST NUMBER: P1258871

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)