

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: P1275028

Luminaire Tested: P3AS02R259835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275028
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

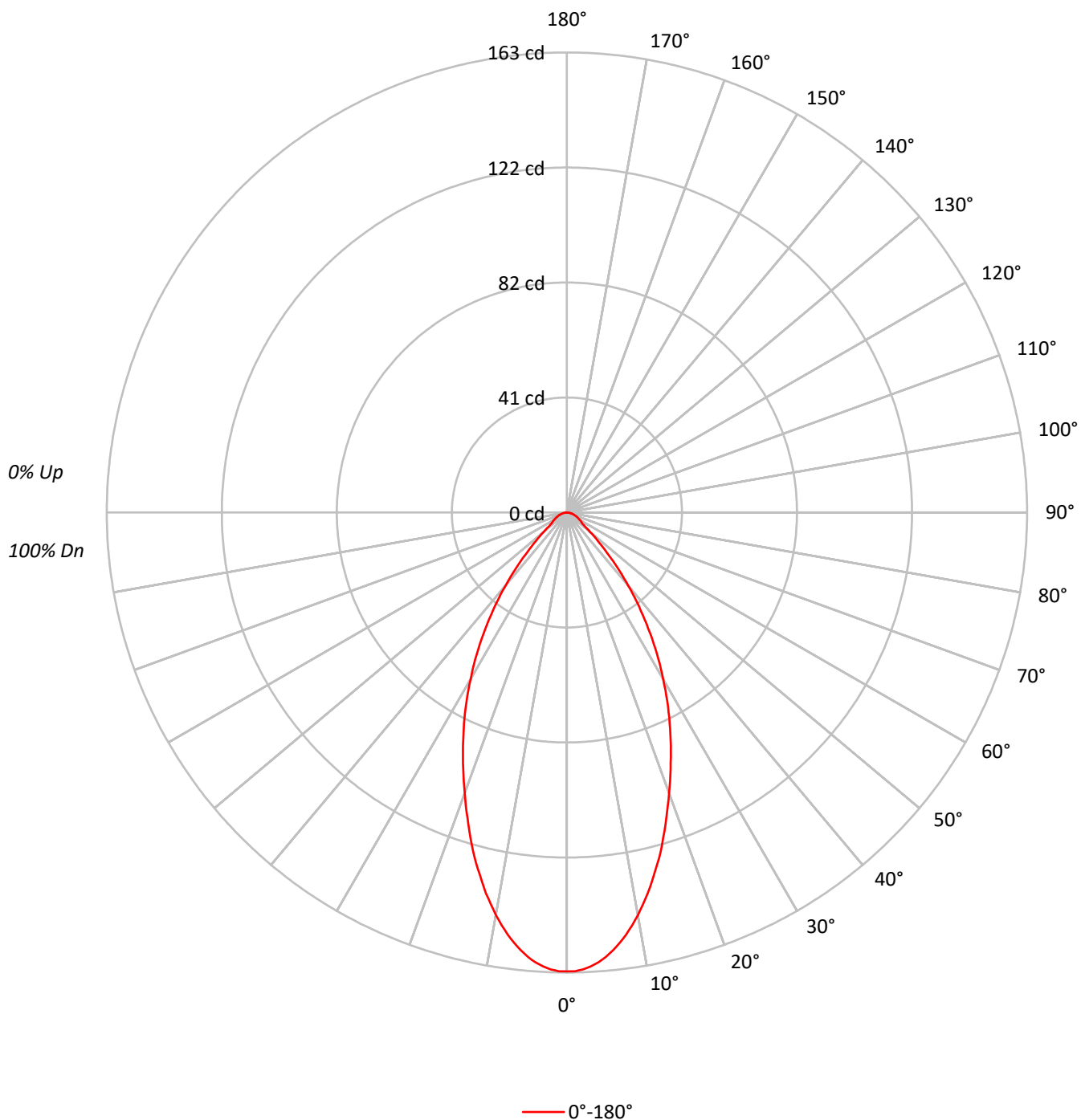
Lumens per Lamp: N/A
Luminaire Lumens: 150.0 lumens
Efficiency: N/A
Efficacy: 41.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35655
5°	34801
10°	32242
15°	28718
20°	24689
25°	20977
30°	17268
35°	13465
40°	9675
45°	6140
50°	3650
55°	2485
60°	2281
65°	2127
70°	1923
75°	1779
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6140 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	9.8
10°-20°	35.1	23.4
20°-30°	39.7	26.5
30°-40°	31.4	20.9
40°-50°	15.9	10.6
50°-60°	6.3	4.2
60°-70°	4.1	2.7
70°-80°	2.3	1.5
80°-90°	0.6	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°	89.5	59.6
0°-40°	120.9	80.6
0°-60°	143.1	95.4
0°-90°	150.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	150.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	163	
5°	158	15
15°	126	35
25°	87	40
35°	50	31
45°	20	16
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	162.6
1°	162.6
2°	162.0
3°	161.1
4°	159.8
5°	158.1
6°	156.0
7°	153.6
8°	151.0
9°	148.0
10°	144.8
11°	141.3
12°	137.9
13°	134.0
14°	130.2
15°	126.5
17.5°	116.0
20°	105.8
22.5°	96.1
25°	86.7
27.5°	77.6
30°	68.2
32.5°	59.4
35°	50.3
37.5°	41.9
40°	33.8
42.5°	26.3
45°	19.8
47.5°	14.8
50°	10.7
52.5°	8.0
55°	6.5
57.5°	6.0
60°	5.2
62.5°	4.7
65°	4.1
67.5°	3.6
70°	3.0
72.5°	2.6
75°	2.1
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.2



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)