

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: P1274970

Luminaire Tested: P3AS02R159835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274970
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

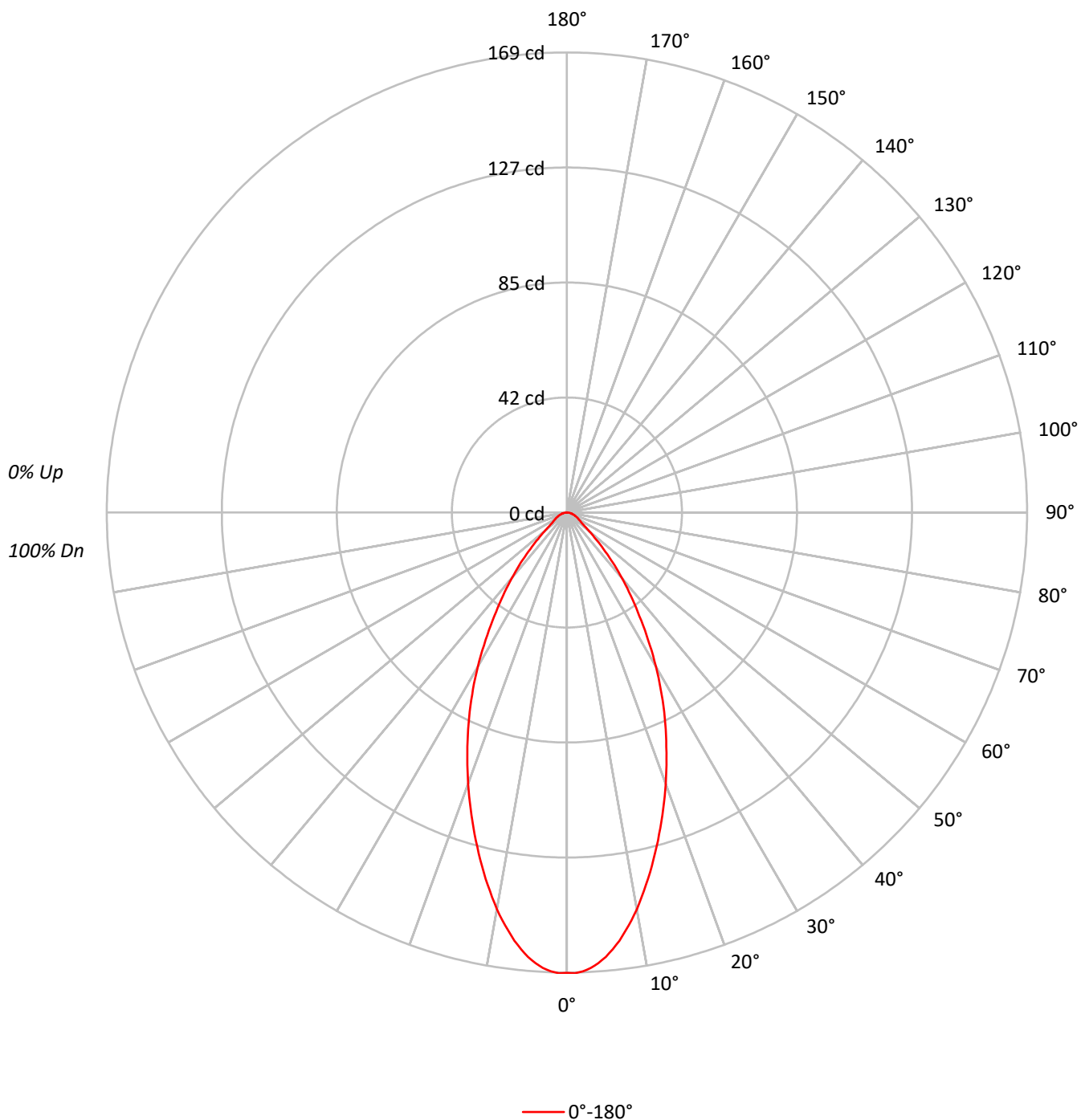
Lumens per Lamp: N/A
Luminaire Lumens: 147.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	70	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	37080
5°	36077
10°	32954
15°	28876
20°	24759
25°	20687
30°	16560
35°	12421
40°	9017
45°	5892
50°	3684
55°	2485
60°	2193
65°	2024
70°	1923
75°	1694
80°	1642
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5892 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.1	10.3
10°-20°	35.4	24.1
20°-30°	39.0	26.6
30°-40°	29.2	19.9
40°-50°	15.2	10.3
50°-60°	6.3	4.3
60°-70°	3.9	2.7
70°-80°	2.2	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°	89.6	61.0
0°-40°	118.8	80.8
0°-60°	140.3	95.4
0°-90°	147.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	147.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	169	
5°	164	15
15°	127	35
25°	86	39
35°	46	29
45°	19	15
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	169.1
1°	169.3
2°	168.7
3°	167.6
4°	165.9
5°	163.9
6°	161.3
7°	158.5
8°	155.1
9°	151.6
10°	148.0
12.5°	137.8
15°	127.2
17.5°	116.6
20°	106.1
22.5°	95.5
25°	85.5
27.5°	75.4
30°	65.4
32.5°	55.5
35°	46.4
37.5°	38.5
40°	31.5
42.5°	25.0
45°	19.0
47.5°	14.3
50°	10.8
52.5°	8.0
55°	6.5
57.5°	5.8
60°	5.0
62.5°	4.5
65°	3.9
67.5°	3.4
70°	3.0
72.5°	2.4
75°	2.0
77.5°	1.7
80°	1.3
82.5°	0.9
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)