

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: P1271610

Luminaire Tested: P3AS09R309827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

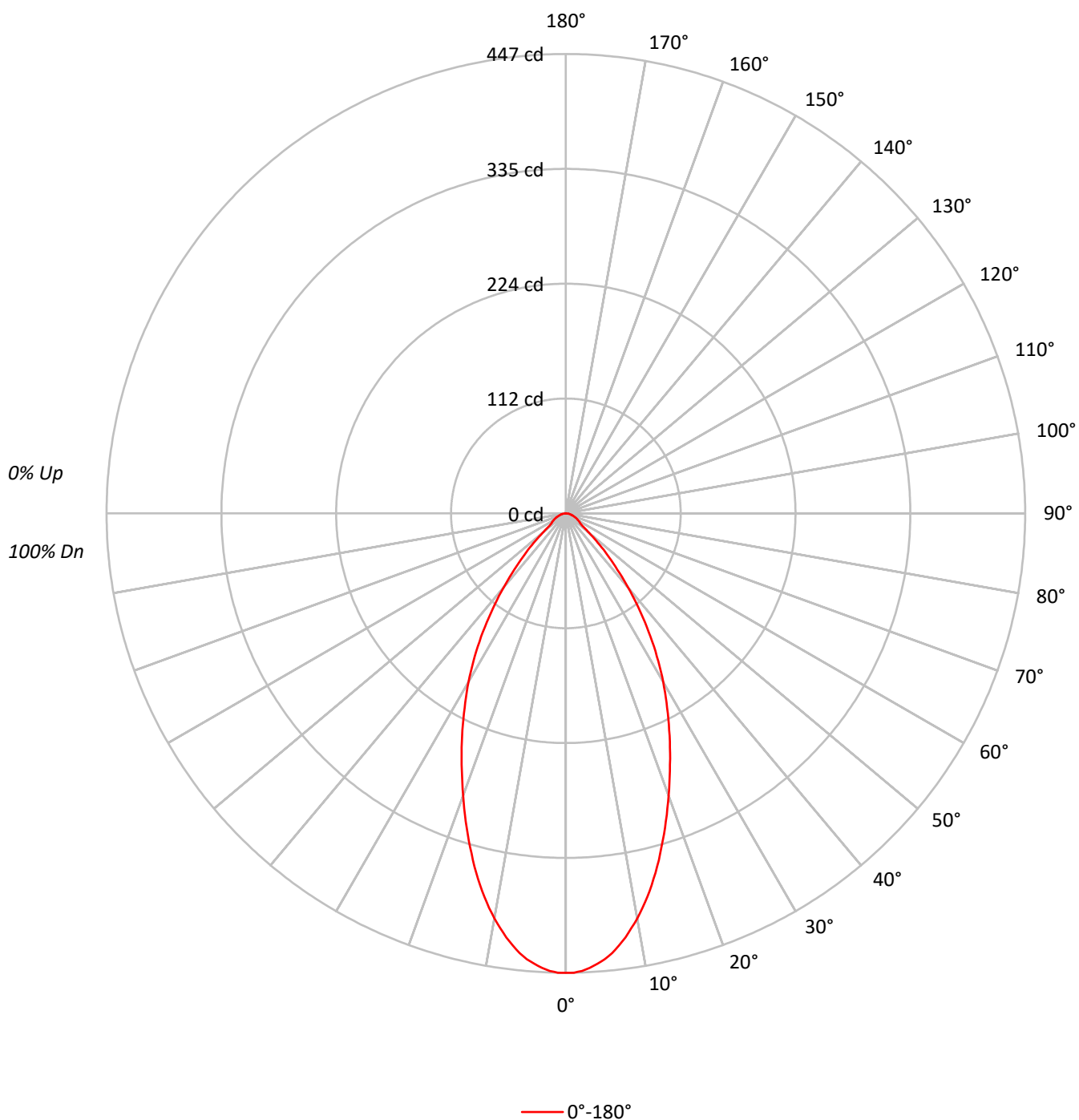
Lumens per Lamp: N/A
Luminaire Lumens: 415.0 lumens
Efficiency: N/A
Efficacy: 37.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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		84
4	94	85	79	74	92	84	79	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°	98040
5°	95840
10°	89132
15°	79297
20°	68209
25°	57778
30°	47957
35°	37638
40°	26965
45°	17676
50°	10064
55°	6614
60°	6271
65°	5811
70°	5193
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17676 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	9.7
10°-20°	97.1	23.4
20°-30°	109.4	26.4
30°-40°	87.4	21.1
40°-50°	44.9	10.8
50°-60°	16.9	4.1
60°-70°	11.1	2.7
70°-80°	6.0	1.4
80°-90°	1.7	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°	247.0	59.5
0°-40°	334.4	80.6
0°-60°	396.2	95.5
0°-90°	415.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	415.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	447	
5°	435	40
15°	349	97
25°	239	109
35°	141	87
45°	57	45
55°	17	17
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	447.1
1°	447.1
2°	445.6
3°	443.0
4°	439.5
5°	435.4
6°	430.3
7°	423.7
8°	416.6
9°	408.4
10°	400.3
11°	391.1
12°	381.4
13°	371.2
14°	360.5
15°	349.3
17.5°	320.8
20°	292.3
22.5°	264.8
25°	238.8
27.5°	213.4
30°	189.4
32.5°	165.0
35°	140.6
37.5°	116.6
40°	94.2
42.5°	74.3
45°	57.0
47.5°	42.3
50°	29.5
52.5°	20.9
55°	17.3
57.5°	15.8
60°	14.3
62.5°	12.7
65°	11.2
67.5°	9.7
70°	8.1
72.5°	6.6
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.5
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)