

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: P1271785

Luminaire Tested: P3AS09R609827DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271785
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R609827DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

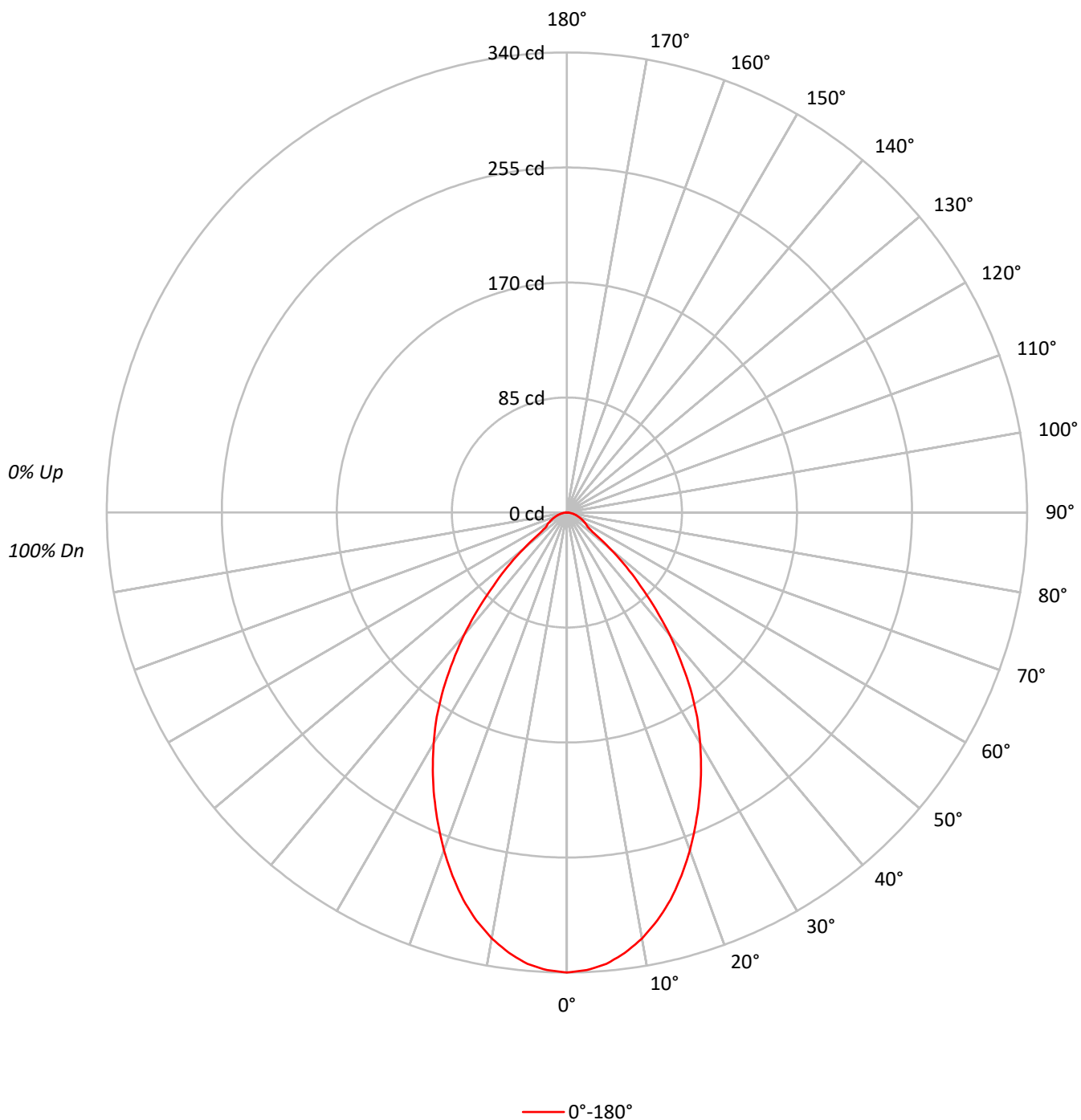
Lumens per Lamp: N/A
Luminaire Lumens: 420.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93	91
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88	86	84	82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76	74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69	67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63	61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53	51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74555
5°	73718
10°	71163
15°	67242
20°	61979
25°	56108
30°	49830
35°	42563
40°	33863
45°	23878
50°	14260
55°	7226
60°	6929
65°	6330
70°	5898
75°	5592
80°	5177
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23878 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.5	7.5
10°-20°	82.8	19.7
20°-30°	106.3	25.3
30°-40°	98.5	23.5
40°-50°	60.0	14.3
50°-60°	20.0	4.8
60°-70°	12.2	2.9
70°-80°	6.8	1.6
80°-90°	1.9	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°	220.5	52.5
0°-40°	319.0	76.0
0°-60°	399.0	95.0
0°-90°	420.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	420.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	340	
5°	335	31
15°	296	83
25°	232	106
35°	159	99
45°	77	60
55°	19	20
65°	12	12
75°	7	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	340.0
2.5°	338.5
5°	334.9
7.5°	328.3
10°	319.6
12.5°	308.9
15°	296.2
17.5°	281.4
20°	265.6
22.5°	248.8
25°	231.9
27.5°	214.6
30°	196.8
32.5°	178.9
35°	159.0
37.5°	138.1
40°	118.3
42.5°	97.4
45°	77.0
47.5°	59.6
50°	41.8
52.5°	25.0
55°	18.9
57.5°	17.3
60°	15.8
62.5°	13.8
65°	12.2
67.5°	10.7
70°	9.2
72.5°	7.6
75°	6.6
77.5°	5.1
80°	4.1
82.5°	2.5
85°	1.5
87.5°	1.0
90°	0.0

(END OF REPORT)