

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: P1275968

Luminaire Tested: P3AS09R709835DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275968
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709835DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 98CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

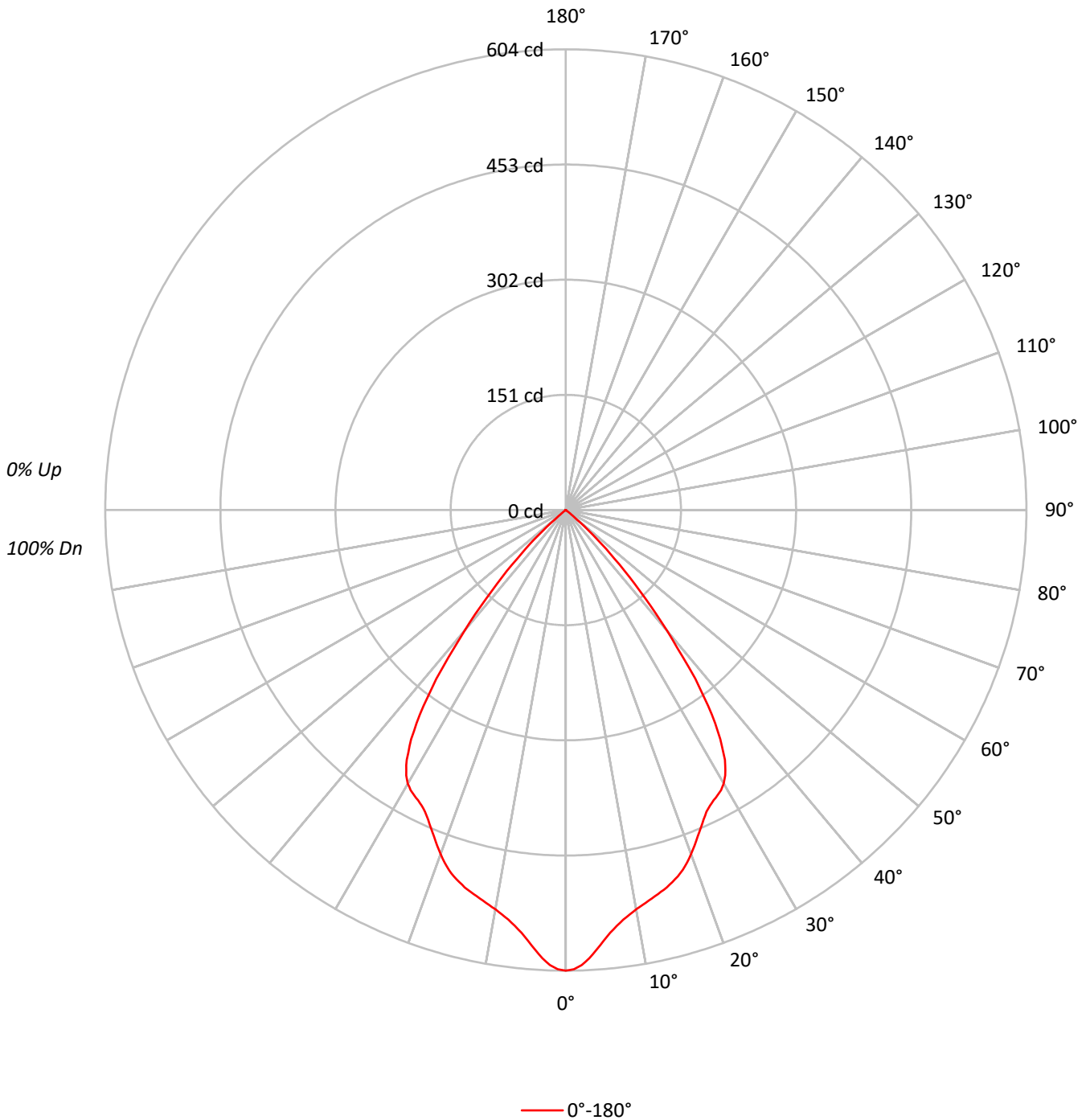
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 681.0 lumens
Efficiency: N/A
Efficacy: 61.9 lumens/watt
Spacing Criteria (0/90/45): 1.02 / 1.02 / 1.06
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (A_{in}): 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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			93
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85			85
3	101	94	89	85	99	93	88	84	90	86	83	88	84	81	86	83	80	79			79
4	95	87	81	77	94	86	81	76	84	79	76	82	78	75	80	77	74	72			72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66			66
6	85	75	69	64	83	75	69	64	73	68	64	72	67	63	70	66	63	61			61
7	80	70	64	59	79	70	63	59	68	63	59	67	62	58	66	61	58	57			57
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	51	47	67	57	51	47	56	51	47	55	50	47	55	50	47	45			45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	132424
5°	124851
10°	118390
15°	116255
20°	112056
25°	105635
30°	104877
35°	91337
40°	59082
45°	27941
50°	3923
55°	306
60°	263
65°	311
70°	192
75°	254
80°	379
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 27941 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	7.8
10°-20°	143.8	21.1
20°-30°	203.5	29.9
30°-40°	204.5	30.0
40°-50°	73.5	10.8
50°-60°	2.0	0.3
60°-70°	0.5	0.1
70°-80°	0.3	0.0
80°-90°	0.0	0.0
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°	400.2	58.8
0°-40°	604.7	88.8
0°-60°	680.2	99.9
0°-90°	681.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	681.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	567	53
15°	512	144
25°	437	203
35°	341	204
45°	90	74
55°	1	2
65°	1	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	603.9
1°	602.2
2°	596.9
3°	588.5
4°	577.9
5°	567.2
6°	557.2
7°	549.3
8°	542.3
9°	536.7
10°	531.7
11°	527.5
12°	523.6
13°	519.7
14°	516.0
15°	512.1
16°	507.4
17°	502.3
18°	496.2
19°	488.6
20°	480.2
21°	471.0
22°	461.8
23°	452.8
24°	444.2
25°	436.6
26°	431.3
27°	427.1
28°	423.7
29°	419.8
30°	414.2
31°	406.1
32°	394.7
32.5°	388.2
33°	379.5
34°	362.5
35°	341.2
36°	317.7
37°	291.2
37.5°	278.9
38°	262.1
39°	232.1
40°	206.4
42.5°	142.9
45°	90.1



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	48.4
50°	11.5
52.5°	1.4
55°	0.8
57.5°	0.8
60°	0.6
62.5°	0.6
65°	0.6
67.5°	0.3
70°	0.3
72.5°	0.3
75°	0.3
77.5°	0.3
80°	0.3
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)