

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: P1290631

Luminaire Tested: P3A05R60W2N902750DE010 E3D1H_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290631
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902750DE010 E3D1H_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

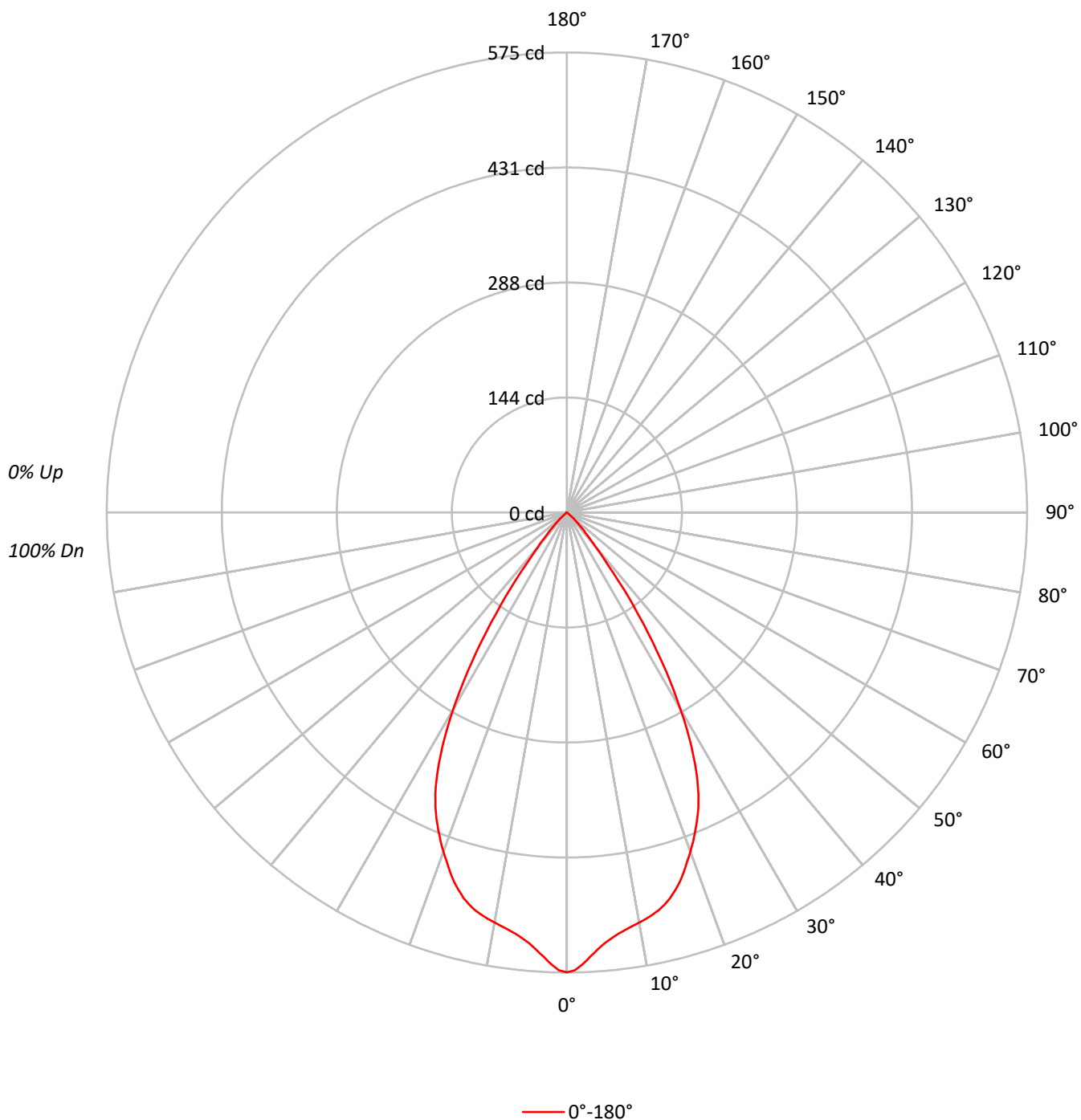
Lumens per Lamp: N/A
Luminaire Lumens: 481.0 lumens
Efficiency: N/A
Efficacy: 81.5 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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

TEST NUMBER: P1290631

CATALOG NUMBER: P3A05R60W2N902750DE010 E3D1H_3500K

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	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88		
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84	82		
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78	77		
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73	72		
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	72	69	67		
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64	63		
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61	59		
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57	56		
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54	53		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126021
5°	118974
10°	115874
15°	113236
20°	105289
25°	94118
30°	71884
35°	41492
40°	16116
45°	6698
50°	1467
55°	229
60°	175
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6698 cd/sqm

TEST NUMBER: P1290631

CATALOG NUMBER: P3A05R60W2N902750DE010 E3D1H_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	10.6
10°-20°	138.9	28.9
20°-30°	174.0	36.2
30°-40°	97.3	20.2
40°-50°	18.5	3.8
50°-60°	1.0	0.2
60°-70°	0.2	0.0
70°-80°	0.1	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°	364.0	75.7
0°-40°	461.3	95.9
0°-60°	480.7	99.9
0°-90°	481.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	481.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	575	
5°	540	51
15°	499	139
25°	389	174
35°	155	97
45°	22	18
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CATALOG NUMBER: P3A05R60W2N902750DE010 E3D1H_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	574.7
1°	572.4
2°	564.9
3°	556.0
4°	547.8
5°	540.5
6°	535.0
7°	530.3
8°	526.7
9°	523.4
10°	520.4
11°	517.5
12°	514.1
13°	510.0
14°	505.1
15°	498.8
16°	491.1
17°	482.5
18°	472.6
19°	461.4
20°	451.2
21°	440.2
22°	428.7
23°	416.7
24°	403.6
25°	389.0
26°	371.9
27°	352.8
28°	331.3
29°	308.5
30°	283.9
31°	259.1
32°	233.6
32.5°	219.6
33°	207.0
34°	180.8
35°	155.0
36°	131.8
37°	107.2
37.5°	96.0
38°	85.0
39°	68.5
40°	56.3
42.5°	34.2
45°	21.6



TEST NUMBER: P1290631

CATALOG NUMBER: P3A05R60W2N902750DE010 E3D1H_3500K

CANDELA DISTRIBUTION (continued):

	0°
47.5°	12.0
50°	4.3
52.5°	1.0
55°	0.6
57.5°	0.4
60°	0.4
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)