

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: P1248638

Luminaire Tested: P3AS05R609027DE010 E3D1LI

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248638
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: P3AS05R609027DE010 E3D1LI
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

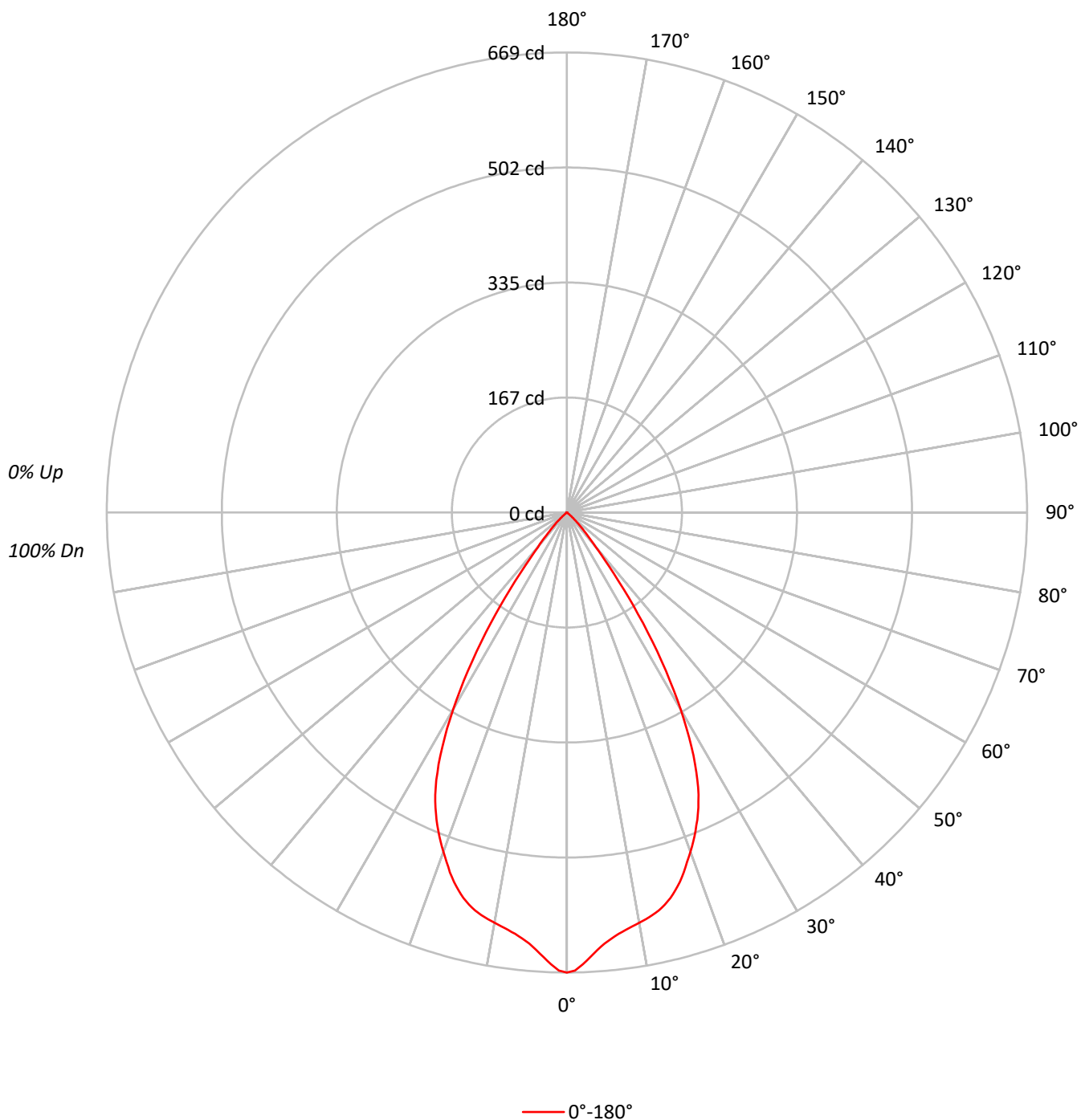
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 77.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146721
5°	138520
10°	134912
15°	131828
20°	122581
25°	109579
30°	83709
35°	48318
40°	18749
45°	7815
50°	1706
55°	268
60°	219
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7815 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	10.6
10°-20°	161.8	28.9
20°-30°	202.6	36.2
30°-40°	113.3	20.2
40°-50°	21.5	3.8
50°-60°	1.1	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°	423.8	75.7
0°-40°	537.0	95.9
0°-60°	559.7	99.9
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	669	
5°	629	59
15°	581	162
25°	453	203
35°	180	113
45°	25	22
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	669.1
1°	666.4
2°	657.7
3°	647.4
4°	637.7
5°	629.3
6°	622.9
7°	617.4
8°	613.2
9°	609.3
10°	605.9
11°	602.5
12°	598.6
13°	593.8
14°	588.0
15°	580.7
16°	571.8
17°	561.7
18°	550.2
19°	537.2
20°	525.3
21°	512.4
22°	499.2
23°	485.2
24°	469.8
25°	452.9
26°	433.0
27°	410.7
28°	385.8
29°	359.2
30°	330.6
31°	301.7
32°	271.9
32.5°	255.6
33°	241.0
34°	210.5
35°	180.5
36°	153.5
37°	124.8
37.5°	111.8
38°	99.0
39°	79.7
40°	65.5
42.5°	39.9
45°	25.2



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	14.0
50°	5.0
52.5°	1.1
55°	0.7
57.5°	0.5
60°	0.5
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)