

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: P1256623

Luminaire Tested: P3AS05R359040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256623
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

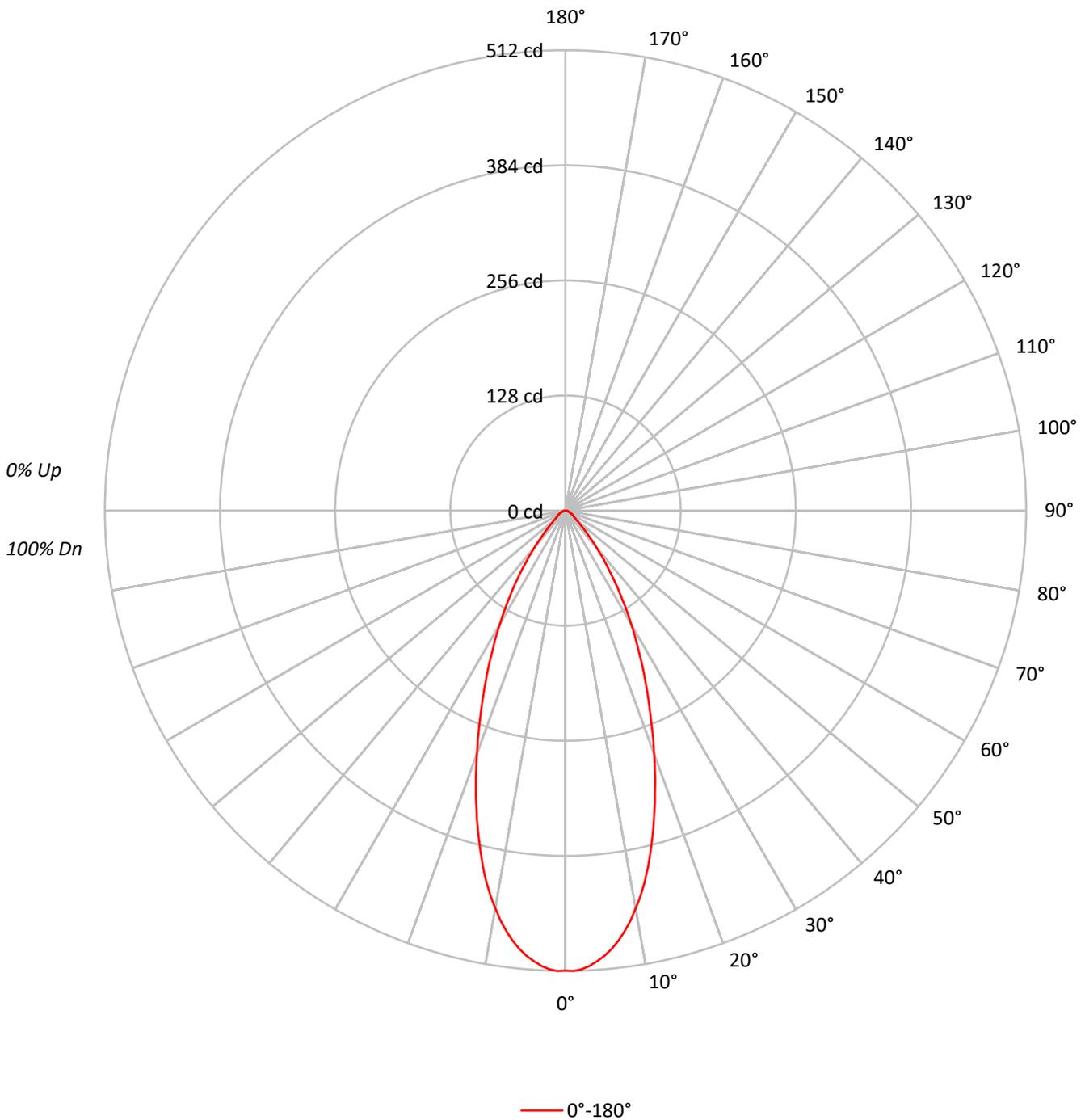
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 349.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
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			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	102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	95	95	95	93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	87	87	87	86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	81	81	81	80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	76	76	76	74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	71	71	71	69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	66	66	66	65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	62	62	62	61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	59	59	59	57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	56	56	56	54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	53	53	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112184
5°	109421
10°	100020
15°	84904
20°	67206
25°	50834
30°	37018
35°	25029
40°	15372
45°	8838
50°	5322
55°	4320
60°	3772
65°	3321
70°	2757
75°	2711
80°	2652
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 8838 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.9	13.2
10°-20°	103.1	29.5
20°-30°	96.5	27.6
30°-40°	59.0	16.9
40°-50°	23.3	6.7
50°-60°	10.3	2.9
60°-70°	6.4	1.8
70°-80°	3.4	1.0
80°-90°	1.2	0.3
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°	245.5	70.3
0°-40°	304.5	87.3
0°-60°	338.1	96.9
0°-90°	349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	512	
5°	497	46
15°	374	103
25°	210	96
35°	94	59
45°	28	23
55°	11	10
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	511.6
1°	512.1
2°	510.5
3°	507.3
4°	502.4
5°	497.1
6°	490.1
7°	482.0
8°	472.3
9°	461.6
10°	449.2
11°	436.3
12°	422.4
13°	407.3
14°	390.7
15°	374.0
17.5°	331.0
20°	288.0
22.5°	246.7
25°	210.1
27.5°	176.3
30°	146.2
32.5°	118.2
35°	93.5
37.5°	71.5
40°	53.7
42.5°	38.7
45°	28.5
47.5°	20.4
50°	15.6
52.5°	12.9
55°	11.3
57.5°	9.7
60°	8.6
62.5°	7.5
65°	6.4
67.5°	5.4
70°	4.3
72.5°	3.8
75°	3.2
77.5°	2.7
80°	2.1
82.5°	1.6
85°	1.1
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)