

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: P1251156

Luminaire Tested: P3AS05R259030DE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251156
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259030DE010 E3DLD1WMH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

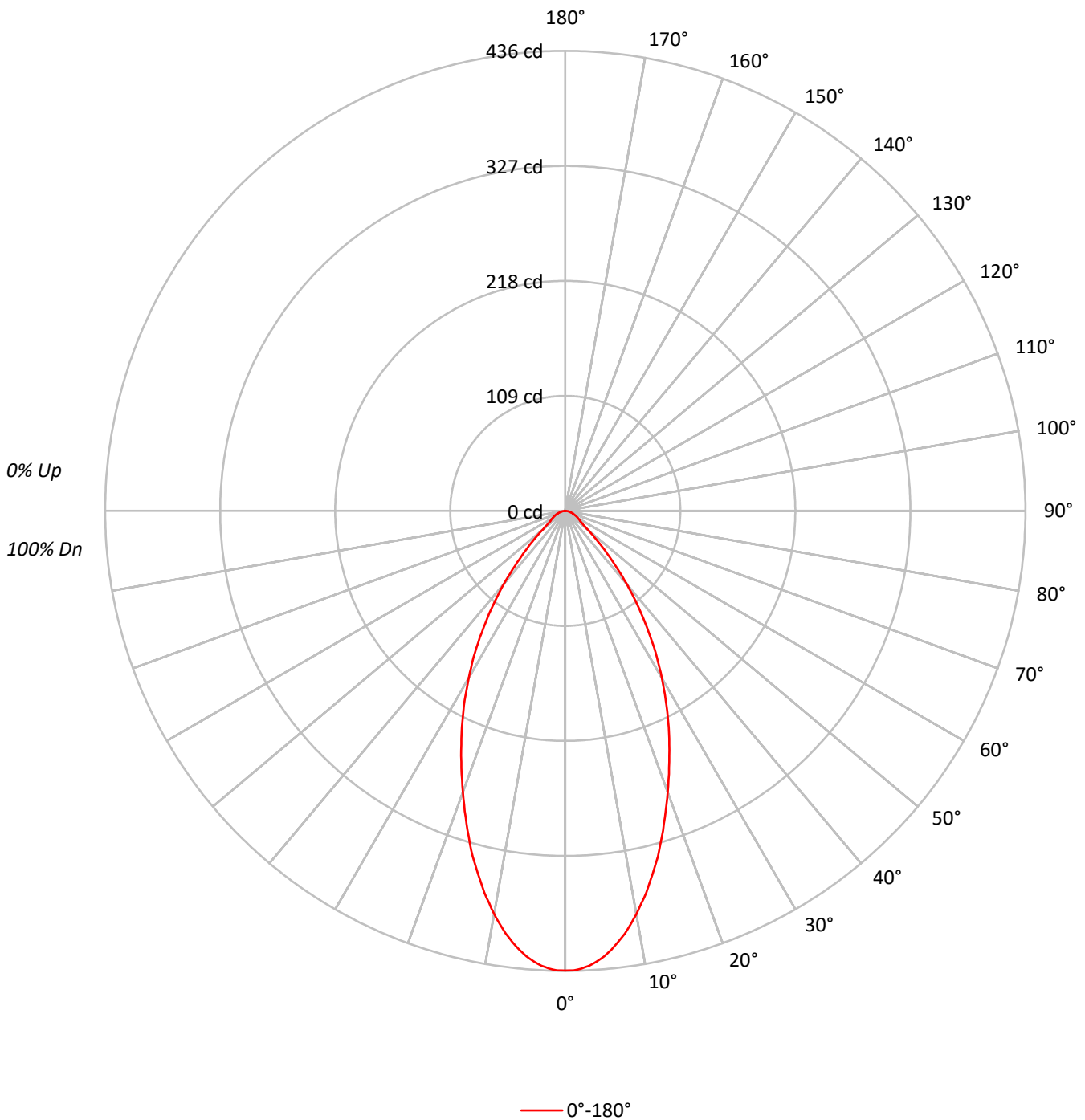
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 401.9 lumens
Efficiency: N/A
Efficacy: 55.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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				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	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	76	72	78	74	71	70				70
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51				51
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48				48
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95541
5°	93264
10°	86416
15°	76958
20°	66156
25°	56229
30°	46286
35°	36058
40°	25934
45°	16467
50°	9722
55°	6690
60°	6140
65°	5707
70°	5129
75°	4660
80°	4420
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16467 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.3	9.8
10°-20°	94.1	23.4
20°-30°	106.3	26.5
30°-40°	84.1	20.9
40°-50°	42.5	10.6
50°-60°	17.0	4.2
60°-70°	10.9	2.7
70°-80°	6.0	1.5
80°-90°	1.7	0.4
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°	239.8	59.7
0°-40°	323.9	80.6
0°-60°	383.4	95.4
0°-90°	401.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	401.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	436	
5°	424	39
15°	339	94
25°	232	106
35°	135	84
45°	53	42
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	435.7
1°	435.7
2°	434.2
3°	431.7
4°	428.2
5°	423.7
6°	418.2
7°	411.7
8°	404.7
9°	396.6
10°	388.1
11°	378.6
12°	369.6
13°	359.1
14°	349.1
15°	339.0
17.5°	311.0
20°	283.5
22.5°	257.4
25°	232.4
27.5°	207.8
30°	182.8
32.5°	159.3
35°	134.7
37.5°	112.2
40°	90.6
42.5°	70.6
45°	53.1
47.5°	39.6
50°	28.5
52.5°	21.5
55°	17.5
57.5°	16.0
60°	14.0
62.5°	12.5
65°	11.0
67.5°	9.5
70°	8.0
72.5°	7.0
75°	5.5
77.5°	4.5
80°	3.5
82.5°	2.5
85°	1.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

90° | $\frac{0^\circ}{0.0}$

(END OF REPORT)