

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: P1286477

Luminaire Tested: P3AS05R359030D2WDE010 E3DLD1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R359030D2WDE010 E3DLD1WMH
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

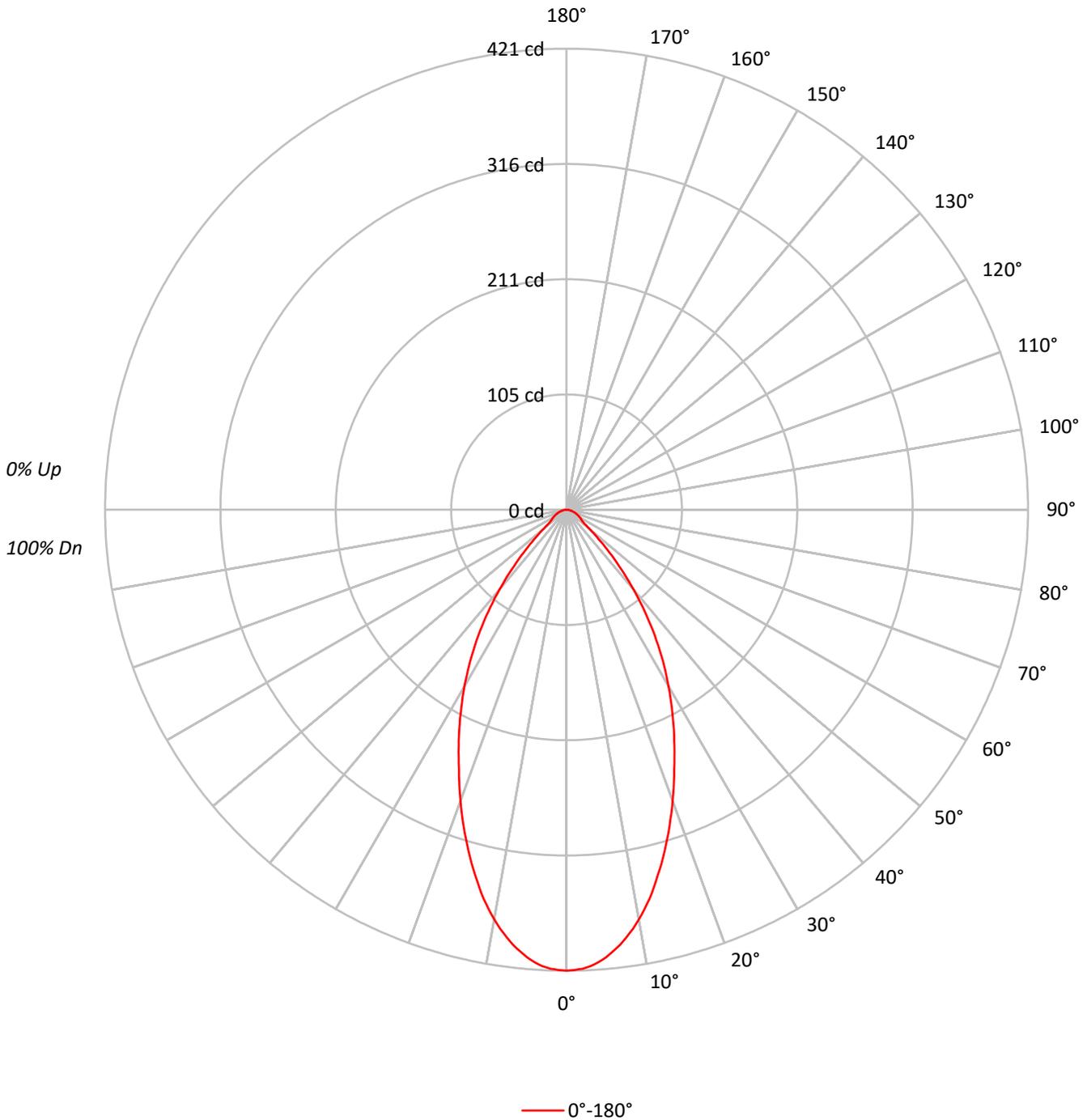
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 404.1 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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				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	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44				44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92295
5°	90337
10°	84590
15°	75937
20°	66062
25°	56277
30°	47146
35°	37557
40°	27165
45°	17180
50°	9381
55°	6499
60°	6140
65°	5707
70°	5450
75°	4660
80°	4420
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17180 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.2	9.5
10°-20°	93.1	23.0
20°-30°	106.7	26.4
30°-40°	87.1	21.5
40°-50°	43.9	10.9
50°-60°	16.3	4.0
60°-70°	10.9	2.7
70°-80°	6.1	1.5
80°-90°	1.8	0.5
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°	237.9	58.9
0°-40°	325.0	80.4
0°-60°	385.2	95.3
0°-90°	404.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	404.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	421	
5°	410	38
15°	334	93
25°	233	107
35°	140	87
45°	55	44
55°	17	16
65°	11	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	420.9
1°	420.4
2°	419.4
3°	417.4
4°	414.4
5°	410.4
6°	405.4
7°	400.4
8°	393.9
9°	387.4
10°	379.9
11°	371.9
12°	363.4
13°	354.0
14°	344.0
15°	334.5
17.5°	309.0
20°	283.1
22.5°	256.6
25°	232.6
27.5°	209.2
30°	186.2
32.5°	163.3
35°	140.3
37.5°	117.3
40°	94.9
42.5°	73.9
45°	55.4
47.5°	39.9
50°	27.5
52.5°	20.0
55°	17.0
57.5°	15.5
60°	14.0
62.5°	12.5
65°	11.0
67.5°	9.5
70°	8.5
72.5°	7.0
75°	5.5
77.5°	4.5
80°	3.5
82.5°	2.5
85°	1.5
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)