

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: P1288811

Luminaire Tested: P3A05R30W2N902750DE010 E3DLD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288811
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DLD1MW_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

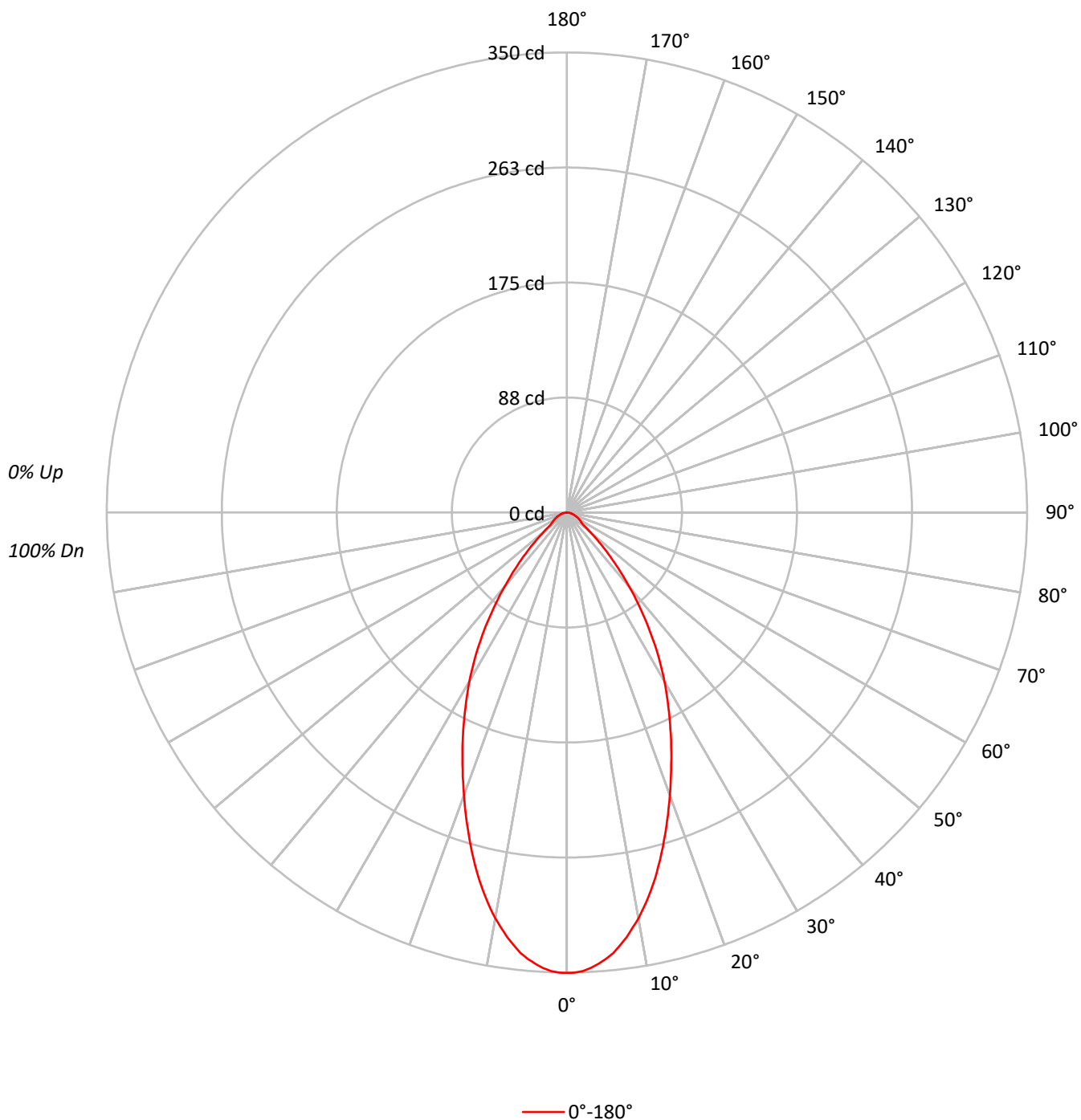
Lumens per Lamp: N/A
Luminaire Lumens: 325.1 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	76792
5°	75060
10°	69805
15°	62112
20°	53415
25°	45245
30°	37575
35°	29473
40°	21125
45°	13862
50°	7880
55°	5199
60°	4912
65°	4566
70°	4103
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13862 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.7	9.7
10°-20°	76.1	23.4
20°-30°	85.7	26.4
30°-40°	68.4	21.1
40°-50°	35.2	10.8
50°-60°	13.3	4.1
60°-70°	8.7	2.7
70°-80°	4.7	1.4
80°-90°	1.4	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°	193.4	59.5
0°-40°	261.9	80.6
0°-60°	310.3	95.5
0°-90°	325.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	325.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	350	
5°	341	32
15°	274	76
25°	187	86
35°	110	68
45°	45	35
55°	14	13
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	350.2
1°	350.2
2°	349.0
3°	347.0
4°	344.2
5°	341.0
6°	337.0
7°	331.8
8°	326.2
9°	319.8
10°	313.5
11°	306.3
12°	298.7
13°	290.7
14°	282.4
15°	273.6
17.5°	251.2
20°	228.9
22.5°	207.4
25°	187.0
27.5°	167.1
30°	148.4
32.5°	129.2
35°	110.1
37.5°	91.3
40°	73.8
42.5°	58.2
45°	44.7
47.5°	33.1
50°	23.1
52.5°	16.4
55°	13.6
57.5°	12.4
60°	11.2
62.5°	10.0
65°	8.8
67.5°	7.6
70°	6.4
72.5°	5.2
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)