

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: P1288817

Luminaire Tested: P3A05R30W2N902750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288817
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 E3DLD1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

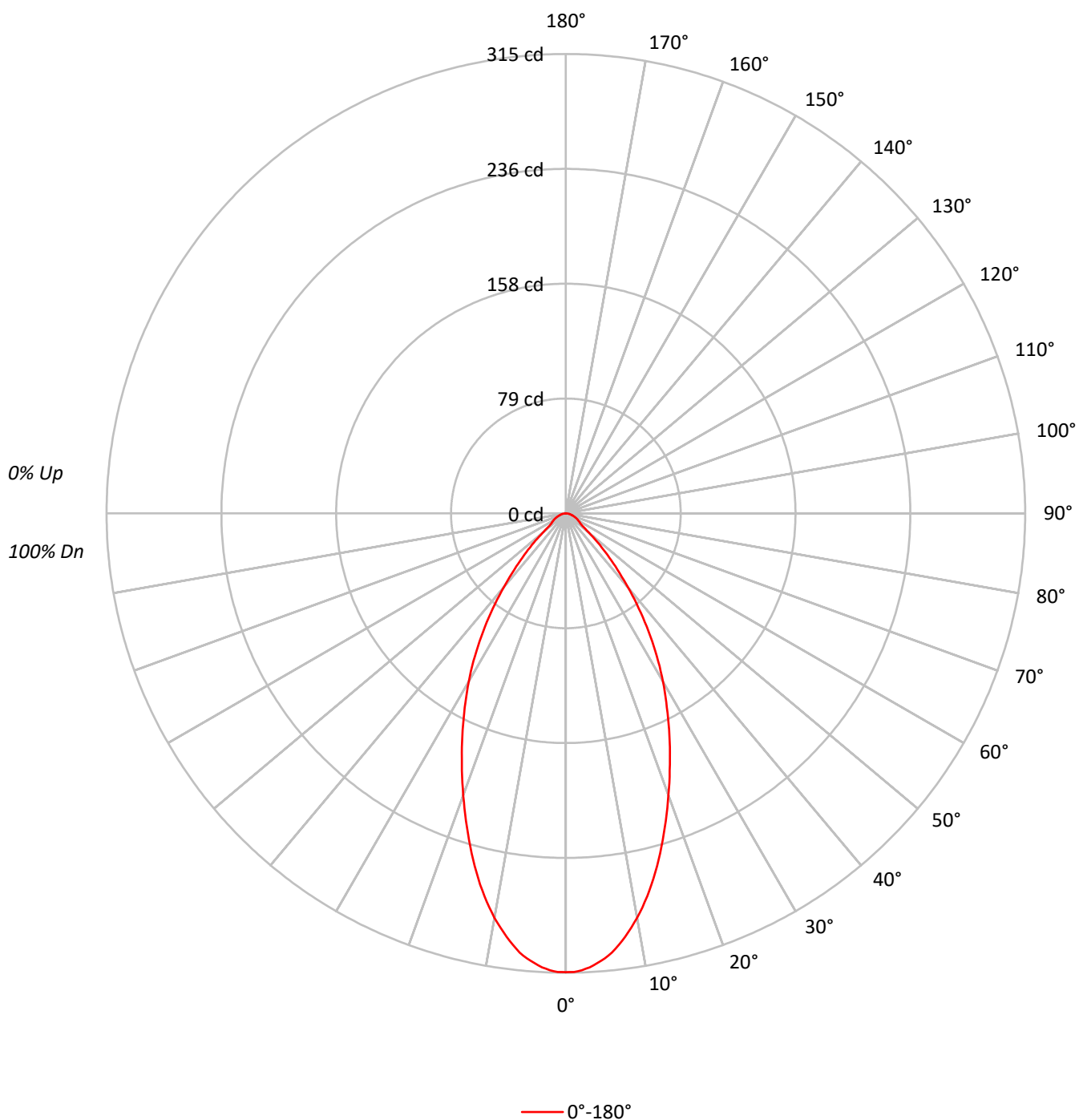
Lumens per Lamp: N/A
Luminaire Lumens: 292.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	84	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°	68986
5°	67444
10°	62702
15°	55801
20°	48001
25°	40648
30°	33752
35°	26475
40°	18978
45°	12435
50°	7096
55°	4664
60°	4386
65°	4099
70°	3654
75°	3304
80°	3157
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12435 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.4	9.7
10°-20°	68.3	23.4
20°-30°	77.0	26.4
30°-40°	61.5	21.1
40°-50°	31.6	10.8
50°-60°	11.9	4.1
60°-70°	7.8	2.7
70°-80°	4.2	1.4
80°-90°	1.2	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°	173.8	59.5
0°-40°	235.3	80.6
0°-60°	278.8	95.5
0°-90°	292.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	292.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	315	
5°	306	28
15°	246	68
25°	168	77
35°	99	62
45°	40	32
55°	12	12
65°	8	8
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	314.6
1°	314.6
2°	313.5
3°	311.7
4°	309.2
5°	306.4
6°	302.8
7°	298.1
8°	293.1
9°	287.4
10°	281.6
11°	275.2
12°	268.4
13°	261.2
14°	253.7
15°	245.8
17.5°	225.7
20°	205.7
22.5°	186.3
25°	168.0
27.5°	150.1
30°	133.3
32.5°	116.1
35°	98.9
37.5°	82.1
40°	66.3
42.5°	52.3
45°	40.1
47.5°	29.7
50°	20.8
52.5°	14.7
55°	12.2
57.5°	11.1
60°	10.0
62.5°	9.0
65°	7.9
67.5°	6.8
70°	5.7
72.5°	4.7
75°	3.9
77.5°	3.2
80°	2.5
82.5°	1.8
85°	1.1
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)