

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: P1287827

Luminaire Tested: P3A05R15W2N902750DE010 E3DLD1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287827
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R15W2N902750DE010 E3DLD1WMH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

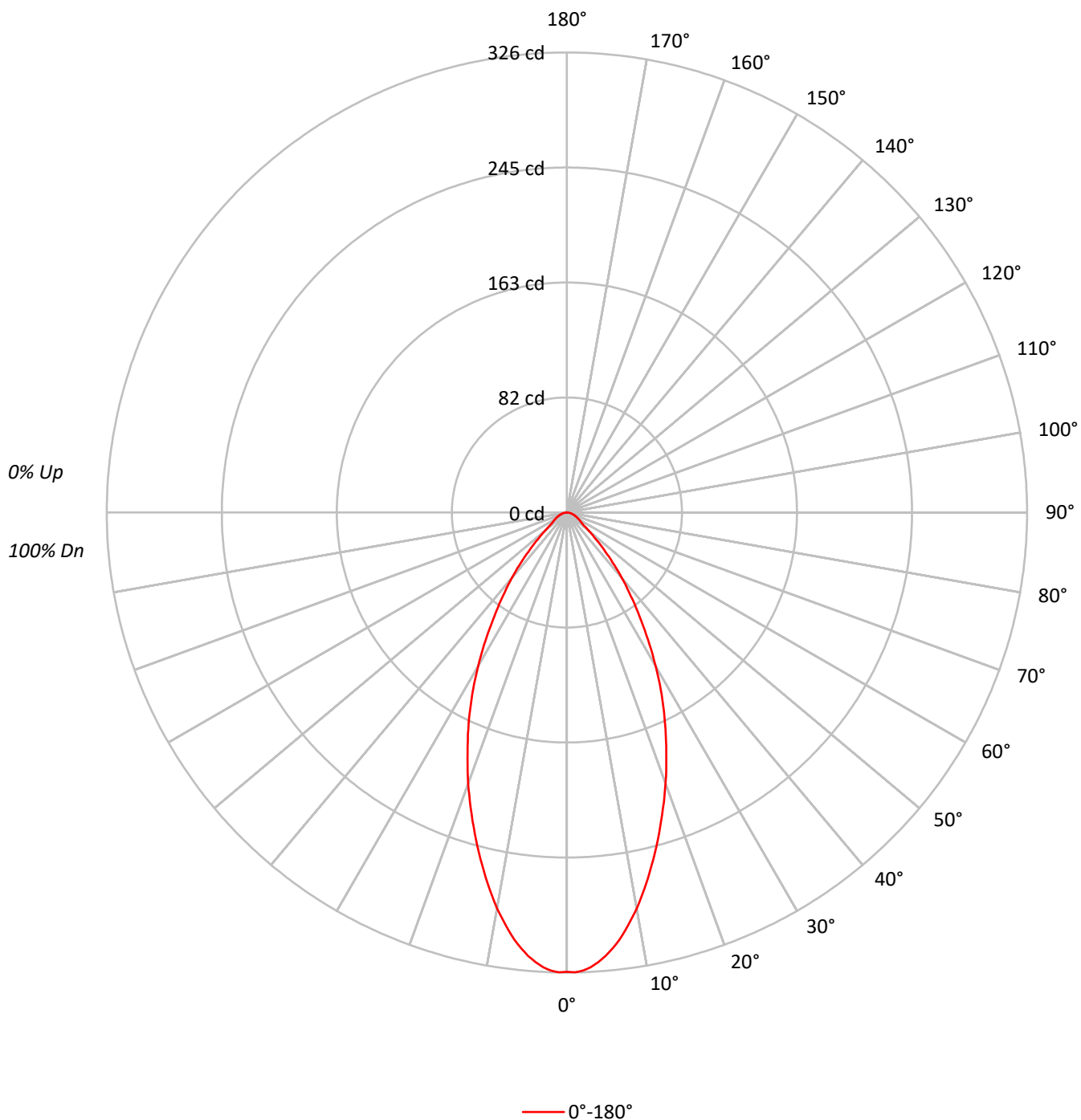
Lumens per Lamp: N/A
Luminaire Lumens: 283.0 lumens
Efficiency: N/A
Efficacy: 48.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93		91
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90	87	85		83
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84	81	78		76
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78	75	72		70
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74	69	66		65
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69	65	61		60
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65	61	57		56
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53		52
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58	53	50		49
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55	50	47		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	71376
5°	69447
10°	63459
15°	55596
20°	47697
25°	39825
30°	31853
35°	23905
40°	17347
45°	11350
50°	7096
55°	4779
60°	4254
65°	3891
70°	3654
75°	3304
80°	3157
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 11350 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	29.1	10.3
10°-20°	68.2	24.1
20°-30°	75.2	26.6
30°-40°	56.3	19.9
40°-50°	29.2	10.3
50°-60°	12.1	4.3
60°-70°	7.5	2.6
70°-80°	4.2	1.5
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°	172.5	61.0
0°-40°	228.8	80.9
0°-60°	270.1	95.4
0°-90°	283.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	283.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	326	
5°	316	29
15°	245	68
25°	165	75
35°	89	56
45°	37	29
55°	12	12
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	325.5
1°	325.9
2°	324.8
3°	322.7
4°	319.4
5°	315.5
6°	310.5
7°	305.1
8°	298.6
9°	291.8
10°	285.0
12.5°	265.3
15°	244.9
17.5°	224.4
20°	204.4
22.5°	183.9
25°	164.6
27.5°	145.2
30°	125.8
32.5°	106.8
35°	89.3
37.5°	74.2
40°	60.6
42.5°	48.0
45°	36.6
47.5°	27.6
50°	20.8
52.5°	15.4
55°	12.5
57.5°	11.1
60°	9.7
62.5°	8.6
65°	7.5
67.5°	6.5
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
90°	0.0

(END OF REPORT)