

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: P1295421

Luminaire Tested: P3A13R15W2N902750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295421
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: P3A13R15W2N902750DE010 E3DLD1WMH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 90CRI ,
E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

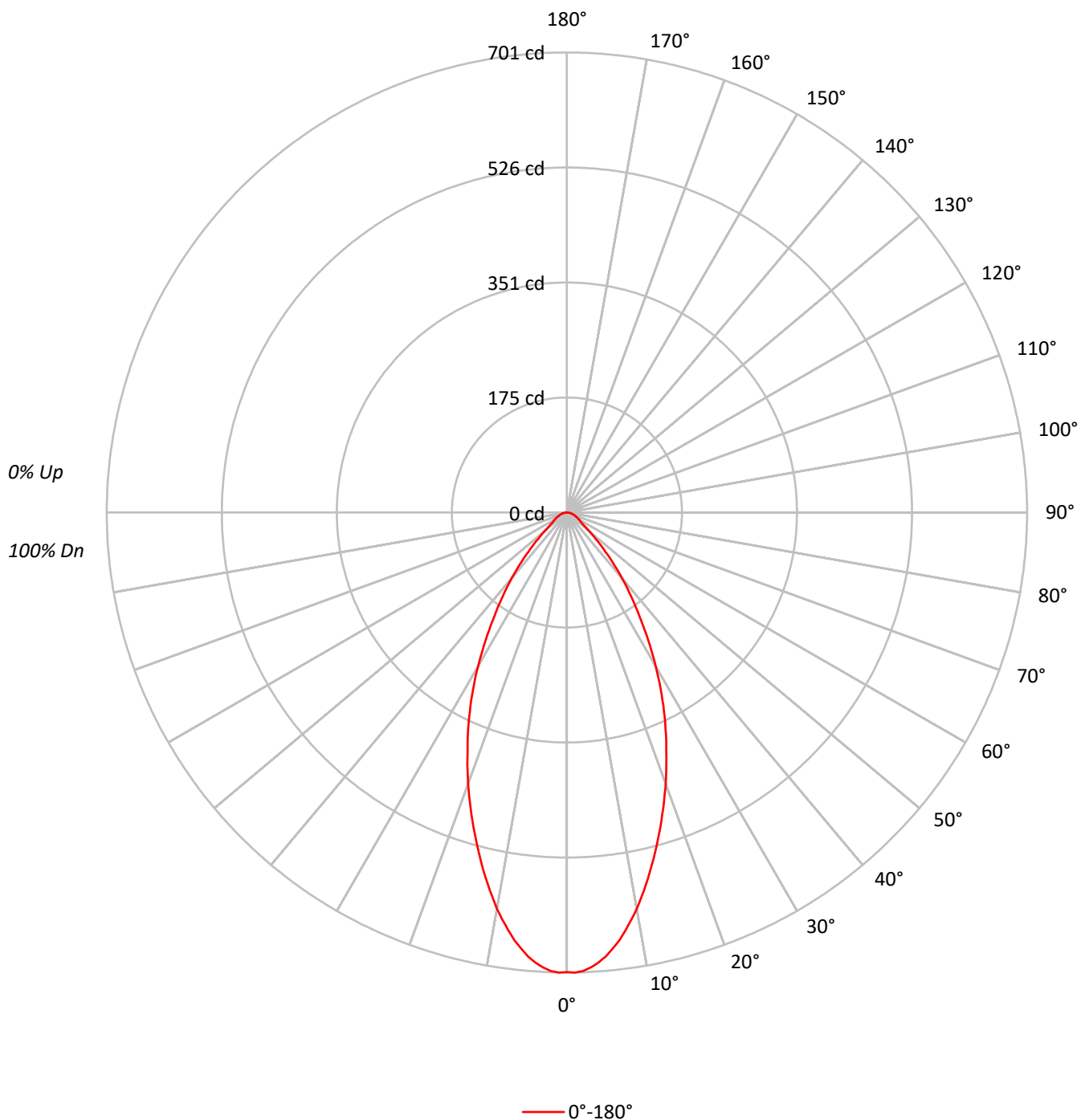
Lumens per Lamp: N/A
Luminaire Lumens: 609.0 lumens
Efficiency: N/A
Efficacy: 49.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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					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°	153606
5°	149438
10°	136559
15°	119615
20°	102629
25°	85674
30°	68568
35°	51424
40°	37327
45°	24406
50°	15249
55°	10322
60°	9122
65°	8406
70°	7886
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	10.3
10°-20°	146.8	24.1
20°-30°	161.8	26.6
30°-40°	121.1	19.9
40°-50°	62.8	10.3
50°-60°	26.0	4.3
60°-70°	16.1	2.6
70°-80°	9.0	1.5
80°-90°	2.6	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°	371.2	61.0
0°-40°	492.4	80.9
0°-60°	581.2	95.4
0°-90°	609.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	609.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	700	
5°	679	63
15°	527	147
25°	354	162
35°	192	121
45°	79	63
55°	27	26
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	700.5
1°	701.3
2°	699.0
3°	694.4
4°	687.4
5°	678.9
6°	668.1
7°	656.6
8°	642.7
9°	628.0
10°	613.3
12.5°	570.9
15°	526.9
17.5°	483.0
20°	439.8
22.5°	395.8
25°	354.1
27.5°	312.5
30°	270.8
32.5°	229.9
35°	192.1
37.5°	159.7
40°	130.4
42.5°	103.4
45°	78.7
47.5°	59.4
50°	44.7
52.5°	33.2
55°	27.0
57.5°	23.9
60°	20.8
62.5°	18.5
65°	16.2
67.5°	13.9
70°	12.3
72.5°	10.0
75°	8.5
77.5°	6.9
80°	5.4
82.5°	3.9
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)