

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: P1295423

Luminaire Tested: P3A13R15W2N902750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295423
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R15W2N902750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

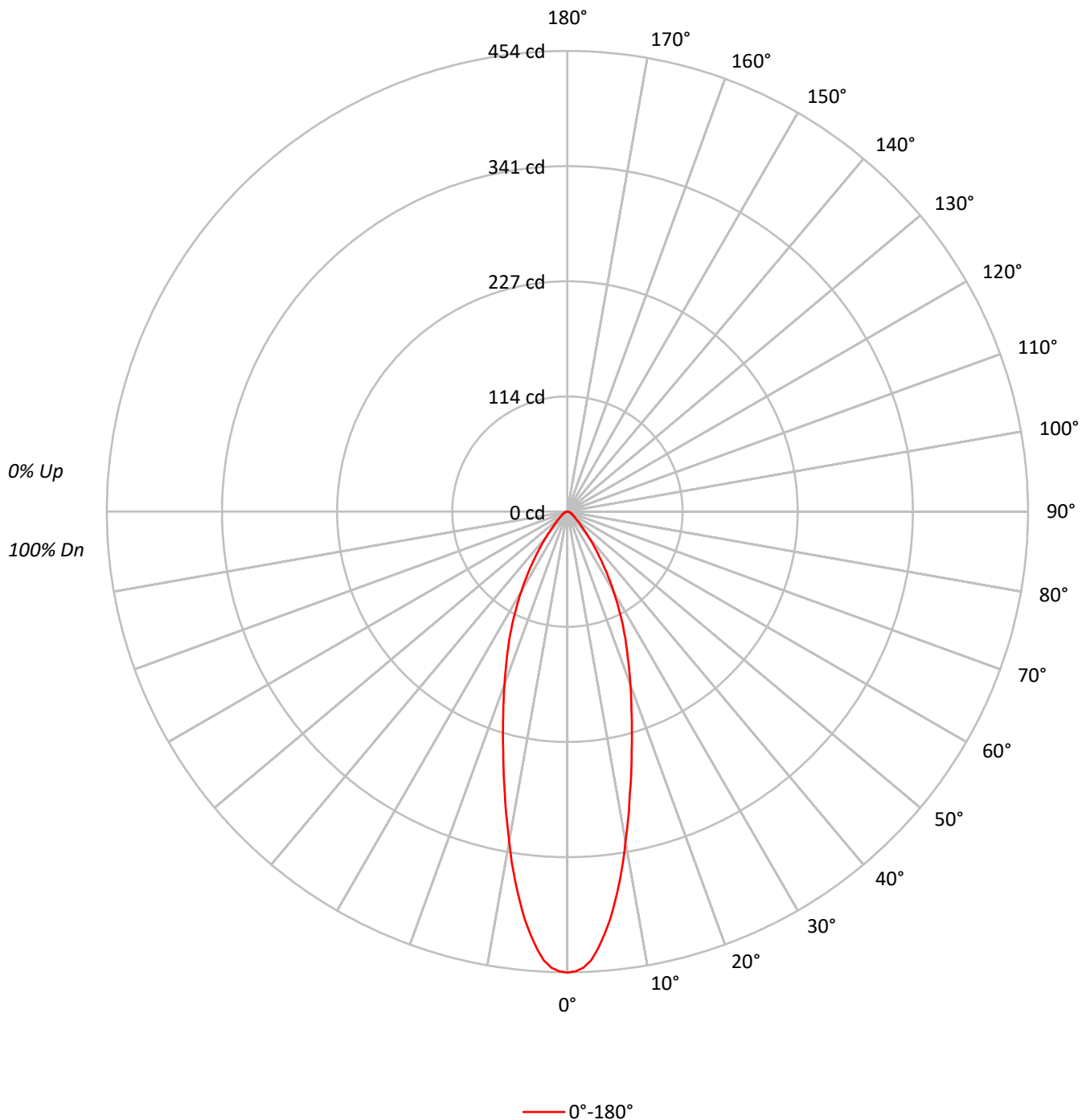
Lumens per Lamp: N/A
Luminaire Lumens: 231.1 lumens
Efficiency: N/A
Efficacy: 18.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
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	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99619
5°	92075
10°	73501
15°	55528
20°	42284
25°	32228
30°	23092
35°	15071
40°	9246
45°	5582
50°	3718
55°	2867
60°	2456
65°	2127
70°	1923
75°	1949
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	16.0
10°-20°	68.4	29.6
20°-30°	60.9	26.3
30°-40°	36.0	15.6
40°-50°	14.8	6.4
50°-60°	6.9	3.0
60°-70°	4.2	1.8
70°-80°	2.2	1.0
80°-90°	0.6	0.3
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°	166.3	72.0
0°-40°	202.3	87.6
0°-60°	224.0	97.0
0°-90°	231.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	231.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	454	
5°	418	37
15°	245	68
25°	133	61
35°	56	36
45°	18	15
55°	8	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	454.3
1°	453.1
2°	449.8
3°	443.0
4°	431.8
5°	418.3
6°	403.6
7°	386.4
8°	368.4
9°	350.0
10°	330.1
12.5°	284.7
15°	244.6
17.5°	210.1
20°	181.2
22.5°	155.7
25°	133.2
27.5°	111.4
30°	91.2
32.5°	72.8
35°	56.3
37.5°	43.1
40°	32.3
42.5°	24.0
45°	18.0
47.5°	13.9
50°	10.9
52.5°	9.0
55°	7.5
57.5°	6.4
60°	5.6
62.5°	4.9
65°	4.1
67.5°	3.8
70°	3.0
72.5°	2.6
75°	2.3
77.5°	1.5
80°	1.1
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)