

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: P1287843

Luminaire Tested: P3A05R15W2N902750DE010 E3DLP1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287843
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: P3A05R15W2N902750DE010 E3DLP1LI_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

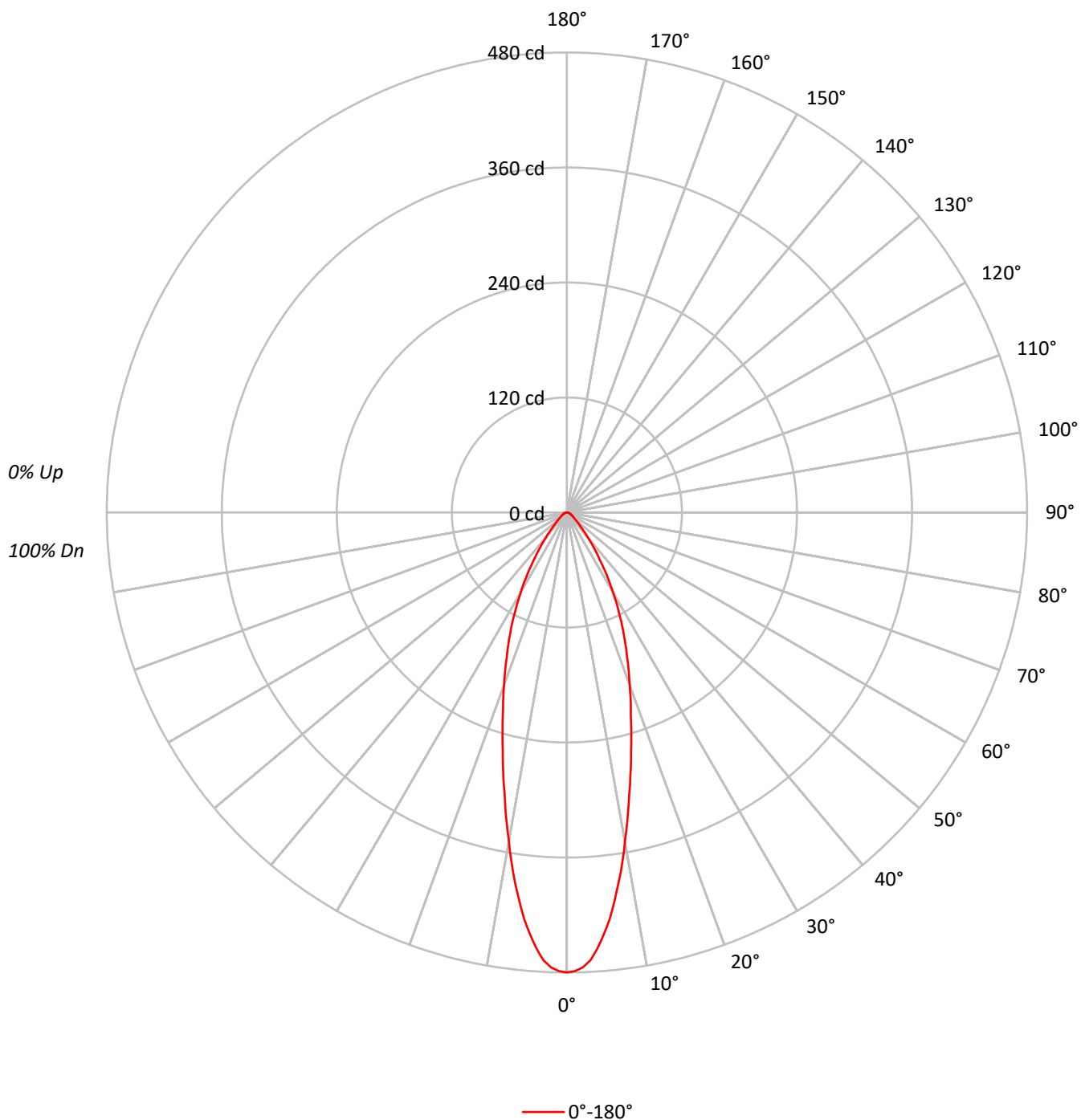
Lumens per Lamp: N/A
Luminaire Lumens: 244.1 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	105211
5°	97248
10°	77643
15°	58638
20°	44664
25°	34042
30°	24383
35°	15901
40°	9761
45°	5892
50°	3923
55°	3020
60°	2588
65°	2283
70°	2052
75°	2033
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5892 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.1	16.0
10°-20°	72.2	29.6
20°-30°	64.3	26.3
30°-40°	38.0	15.6
40°-50°	15.6	6.4
50°-60°	7.3	3.0
60°-70°	4.5	1.8
70°-80°	2.4	1.0
80°-90°	0.6	0.2
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°	175.6	72.0
0°-40°	213.7	87.5
0°-60°	236.6	96.9
0°-90°	244.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	244.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	480	
5°	442	39
15°	258	72
25°	141	64
35°	59	38
45°	19	16
55°	8	7
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	479.8
1°	478.6
2°	475.1
3°	467.9
4°	456.1
5°	441.8
6°	426.3
7°	408.1
8°	389.1
9°	369.7
10°	348.7
12.5°	300.7
15°	258.3
17.5°	221.9
20°	191.4
22.5°	164.4
25°	140.7
27.5°	117.7
30°	96.3
32.5°	76.9
35°	59.4
37.5°	45.6
40°	34.1
42.5°	25.4
45°	19.0
47.5°	14.7
50°	11.5
52.5°	9.5
55°	7.9
57.5°	6.7
60°	5.9
62.5°	5.2
65°	4.4
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)