

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: P1295422

Luminaire Tested: P3A13R15W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1295422
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_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

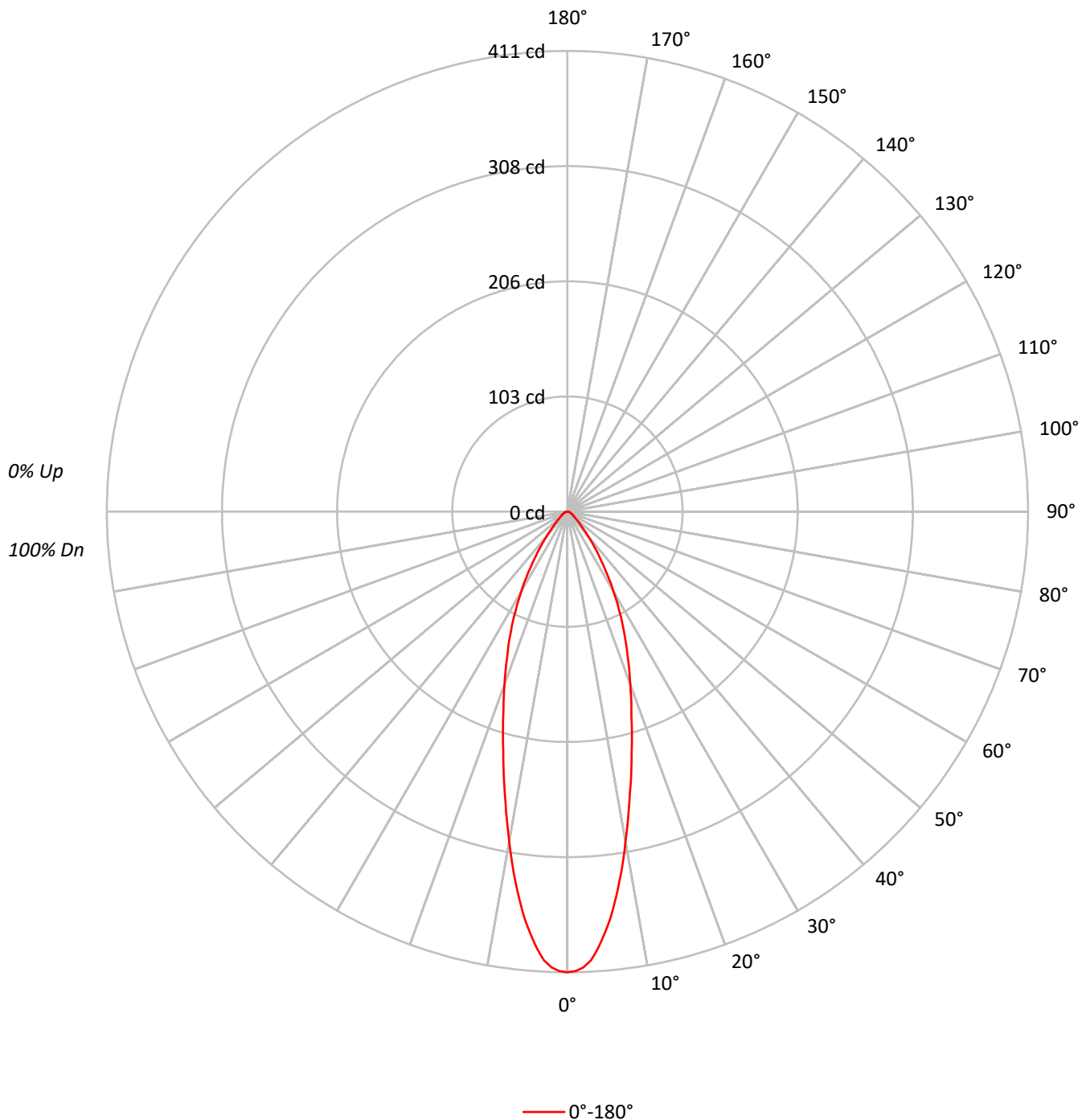
Lumens per Lamp: N/A
Luminaire Lumens: 209.0 lumens
Efficiency: N/A
Efficacy: 17.0 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	0		
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	93	84	78	74	91	83	78	74	81	77	73	80	76	73	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	68	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°	90124
5°	83293
10°	66510
15°	50239
20°	38247
25°	29155
30°	20889
35°	13626
40°	8359
45°	5055
50°	3343
55°	2600
60°	2237
65°	1920
70°	1731
75°	1694
80°	1263
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5055 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.5	16.0
10°-20°	61.9	29.6
20°-30°	55.1	26.3
30°-40°	32.6	15.6
40°-50°	13.4	6.4
50°-60°	6.3	3.0
60°-70°	3.8	1.8
70°-80°	2.0	1.0
80°-90°	0.5	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°	150.4	72.0
0°-40°	183.0	87.6
0°-60°	202.7	97.0
0°-90°	209.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	209.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	411	
5°	378	34
15°	221	62
25°	120	55
35°	51	33
45°	16	13
55°	7	6
65°	4	4
75°	2	2
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	411.0
1°	410.0
2°	406.9
3°	400.8
4°	390.6
5°	378.4
6°	365.2
7°	349.6
8°	333.3
9°	316.7
10°	298.7
12.5°	257.6
15°	221.3
17.5°	190.1
20°	163.9
22.5°	140.8
25°	120.5
27.5°	100.8
30°	82.5
32.5°	65.8
35°	50.9
37.5°	39.0
40°	29.2
42.5°	21.7
45°	16.3
47.5°	12.6
50°	9.8
52.5°	8.1
55°	6.8
57.5°	5.8
60°	5.1
62.5°	4.4
65°	3.7
67.5°	3.4
70°	2.7
72.5°	2.4
75°	2.0
77.5°	1.4
80°	1.0
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)