

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: P1296412

Luminaire Tested: P3A13R30W2N902750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296412
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R30W2N902750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

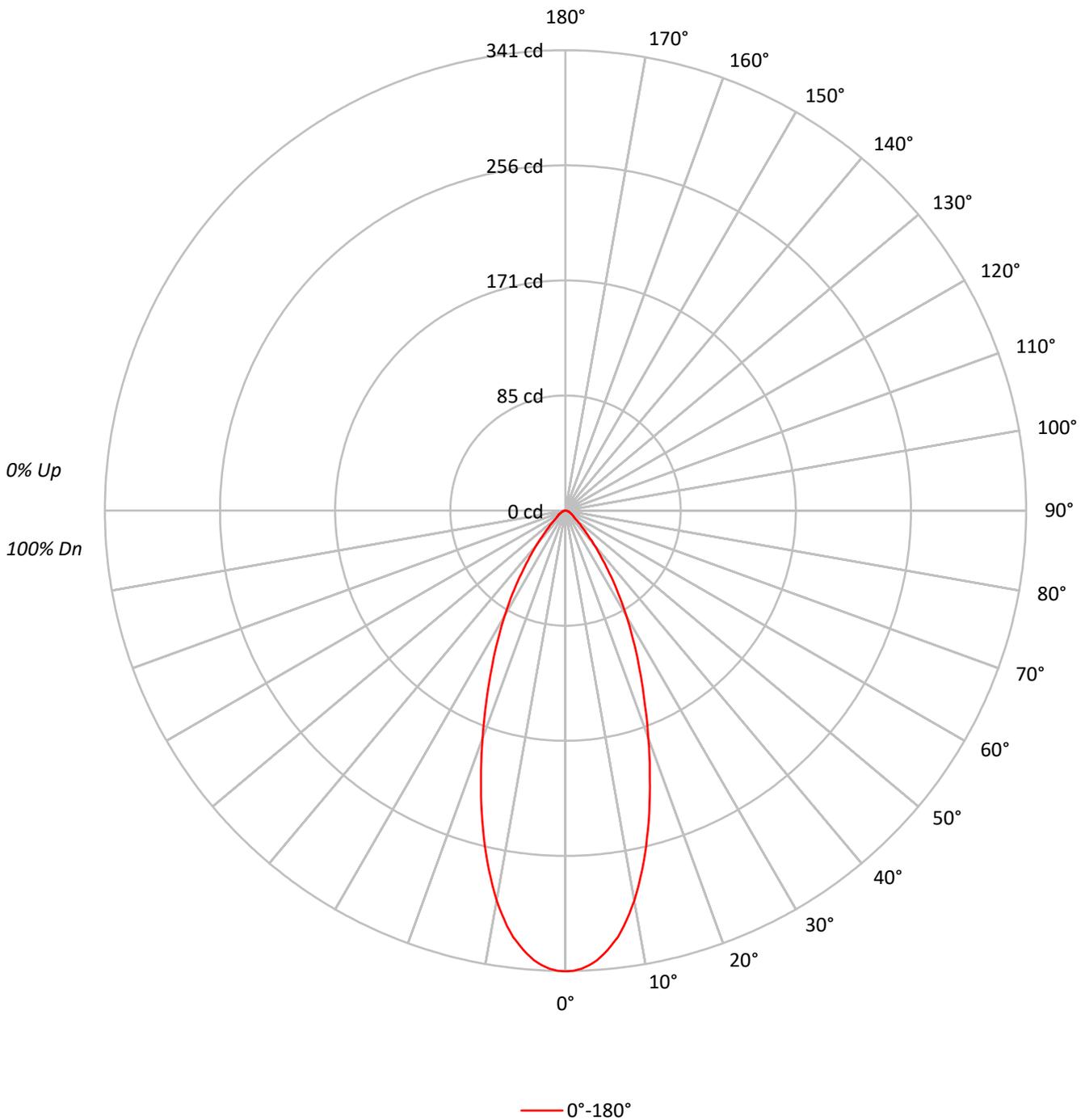
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 219.0 lumens
Efficiency: N/A
Efficacy: 17.8 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
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				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	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	86	83	87	84	82	80				80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	74				74
5	92	84	78	73	90	83	77	73	81	76	72	79	75	72	78	74	71	70				70
6	88	79	73	68	86	78	72	68	76	71	68	75	71	67	74	70	67	65				65
7	83	74	68	64	82	74	68	64	72	67	63	71	67	63	70	66	63	61				61
8	80	70	64	60	78	70	64	60	69	63	60	68	63	60	67	62	59	58				58
9	76	67	61	57	75	66	60	57	65	60	56	64	60	56	63	59	56	55				55
10	73	63	58	54	72	63	57	54	62	57	54	61	57	53	61	56	53	52				52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74840
5°	72507
10°	65329
15°	54030
20°	41840
25°	31381
30°	22788
35°	15178
40°	9332
45°	5489
50°	3343
55°	2714
60°	2368
65°	1920
70°	1731
75°	1694
80°	1263
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 5489 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.3	13.8
10°-20°	65.6	29.9
20°-30°	59.6	27.2
30°-40°	36.1	16.5
40°-50°	14.5	6.6
50°-60°	6.4	2.9
60°-70°	3.8	1.8
70°-80°	2.1	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°	155.5	71.0
0°-40°	191.6	87.5
0°-60°	212.4	97.0
0°-90°	219.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	219.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	341	
5°	329	30
15°	238	66
25°	130	60
35°	57	36
45°	18	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	341.3
1°	340.9
2°	339.6
3°	337.2
4°	333.8
5°	329.4
6°	324.0
7°	318.2
8°	310.7
9°	302.2
10°	293.4
11°	283.2
12°	272.3
13°	261.5
14°	249.6
15°	238.0
17.5°	207.8
20°	179.3
22.5°	152.8
25°	129.7
27.5°	108.7
30°	90.0
32.5°	72.7
35°	56.7
37.5°	43.5
40°	32.6
42.5°	23.8
45°	17.7
47.5°	13.2
50°	9.8
52.5°	7.8
55°	7.1
57.5°	6.1
60°	5.4
62.5°	4.4
65°	3.7
67.5°	3.4
70°	2.7
72.5°	2.4
75°	2.0
77.5°	1.7
80°	1.0
82.5°	0.7
85°	0.7
87.5°	0.3



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)