

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: P1300151

Luminaire Tested: P3A17R30W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300151
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R30W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

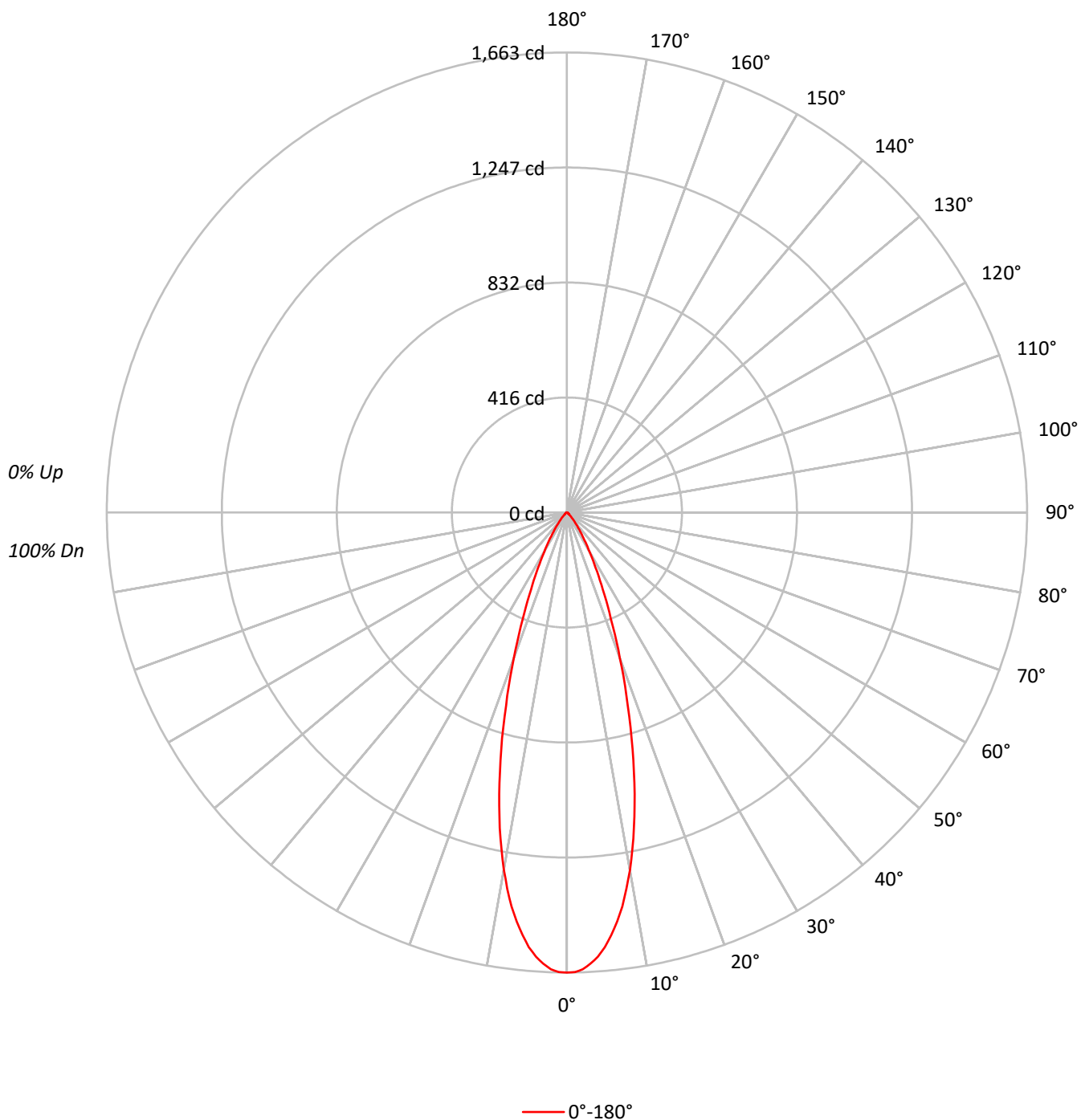
Lumens per Lamp: N/A
Luminaire Lumens: 625.0 lumens
Efficiency: N/A
Efficacy: 32.2 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.4
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		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	96	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	87	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78	75	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	364708
5°	347127
10°	291979
15°	210557
20°	130608
25°	74278
30°	41272
35°	22433
40°	11822
45°	6419
50°	3411
55°	2256
60°	2061
65°	2127
70°	1923
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6419 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.0	22.7
10°-20°	252.4	40.4
20°-30°	145.9	23.3
30°-40°	55.4	8.9
40°-50°	17.0	2.7
50°-60°	5.7	0.9
60°-70°	3.8	0.6
70°-80°	2.1	0.3
80°-90°	0.7	0.1
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°	540.3	86.4
0°-40°	595.7	95.3
0°-60°	618.4	98.9
0°-90°	625.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	625.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1663	
5°	1577	142
15°	928	252
25°	307	146
35°	84	55
45°	21	17
55°	6	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1663.2
1°	1662.0
2°	1652.0
3°	1633.1
4°	1609.5
5°	1577.0
6°	1535.7
7°	1489.6
8°	1438.2
9°	1376.8
10°	1311.3
11°	1240.5
12°	1165.5
13°	1087.0
14°	1007.2
15°	927.5
17.5°	731.5
20°	559.7
22.5°	415.1
25°	307.0
27.5°	223.2
30°	163.0
32.5°	117.5
35°	83.8
37.5°	58.5
40°	41.3
42.5°	28.9
45°	20.7
47.5°	14.2
50°	10.0
52.5°	7.1
55°	5.9
57.5°	5.3
60°	4.7
62.5°	4.1
65°	4.1
67.5°	3.5
70°	3.0
72.5°	2.4
75°	1.8
77.5°	1.8
80°	1.2
82.5°	1.2
85°	0.6
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)