

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: P1299795

Luminaire Tested: P3A17R25W2N902750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299795
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

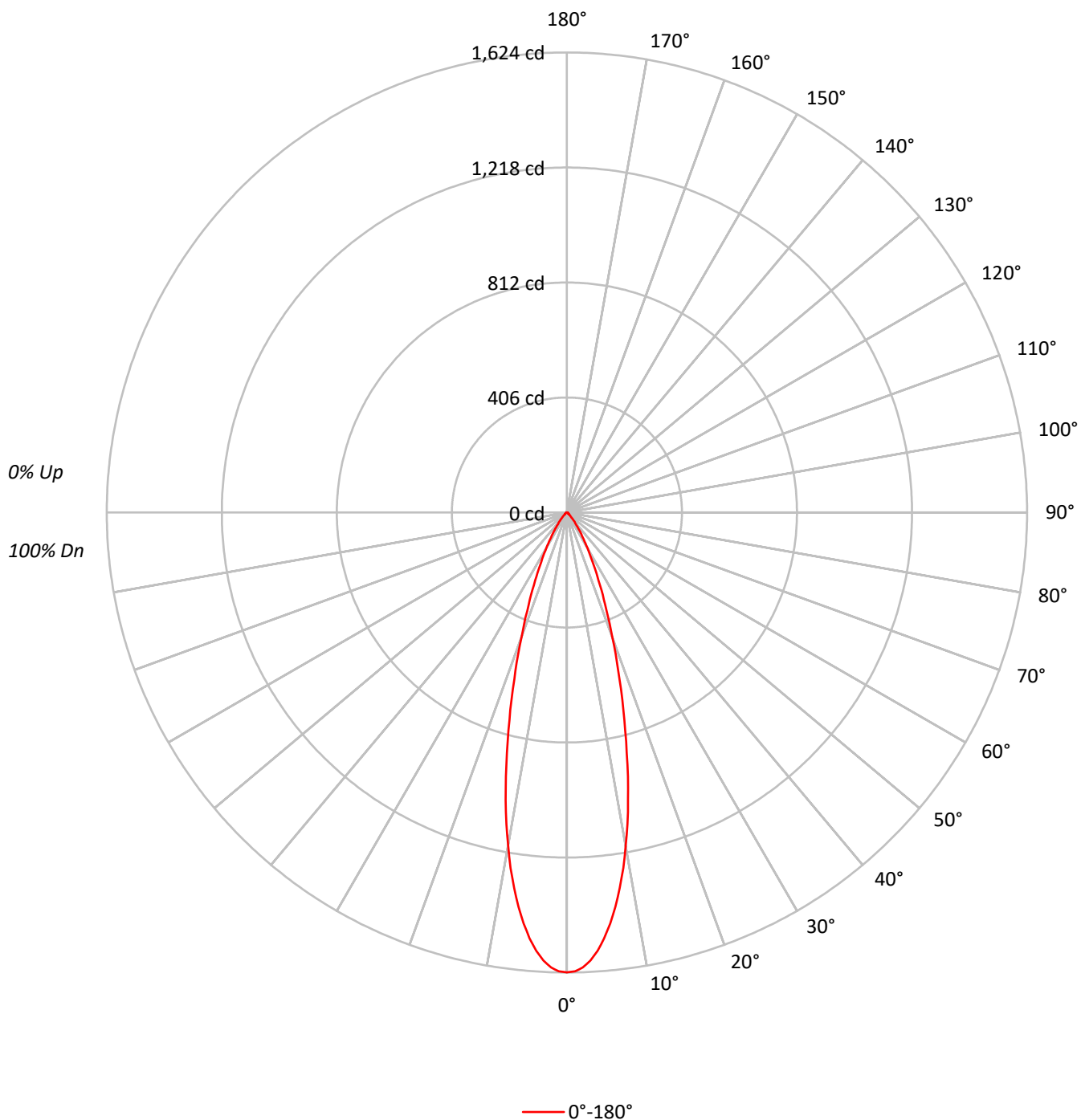
Lumens per Lamp: N/A
Luminaire Lumens: 555.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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							
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						
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	86	81	78	84	80	77	83	79	77	82	78	76	75						
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72						
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69						
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66						
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64						

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	356002
5°	332159
10°	266083
15°	180614
20°	109280
25°	63899
30°	36385
35°	20023
40°	10620
45°	5582
50°	3241
55°	2447
60°	2105
65°	2179
70°	2052
75°	1779
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Luminance: 5582 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	133.9	24.1
10°-20°	218.7	39.4
20°-30°	125.0	22.5
30°-40°	49.3	8.9
40°-50°	15.1	2.7
50°-60°	6.0	1.1
60°-70°	4.0	0.7
70°-80°	2.3	0.4
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°	477.6	86.1
0°-40°	526.9	94.9
0°-60°	548.0	98.7
0°-90°	555.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	555.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1624	
5°	1509	134
15°	796	219
25°	264	125
35°	75	49
45°	18	15
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1623.5
1°	1620.4
2°	1607.1
3°	1583.8
4°	1551.4
5°	1509.0
6°	1459.1
7°	1402.9
8°	1337.7
9°	1270.8
10°	1195.0
11°	1120.2
12°	1038.0
13°	956.8
14°	873.6
15°	795.6
17.5°	616.9
20°	468.3
22.5°	351.7
25°	264.1
27.5°	195.7
30°	143.7
32.5°	104.0
35°	74.8
37.5°	53.0
40°	37.1
42.5°	25.5
45°	18.0
47.5°	12.7
50°	9.5
52.5°	7.4
55°	6.4
57.5°	5.8
60°	4.8
62.5°	4.2
65°	4.2
67.5°	3.7
70°	3.2
72.5°	2.7
75°	2.1
77.5°	1.6
80°	1.1
82.5°	1.1
85°	0.5
87.5°	0.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)