

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: P1299865

Luminaire Tested: P3A17R25W2N902750DE010 E3DLP1LI_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299865
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3DLP1LI_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

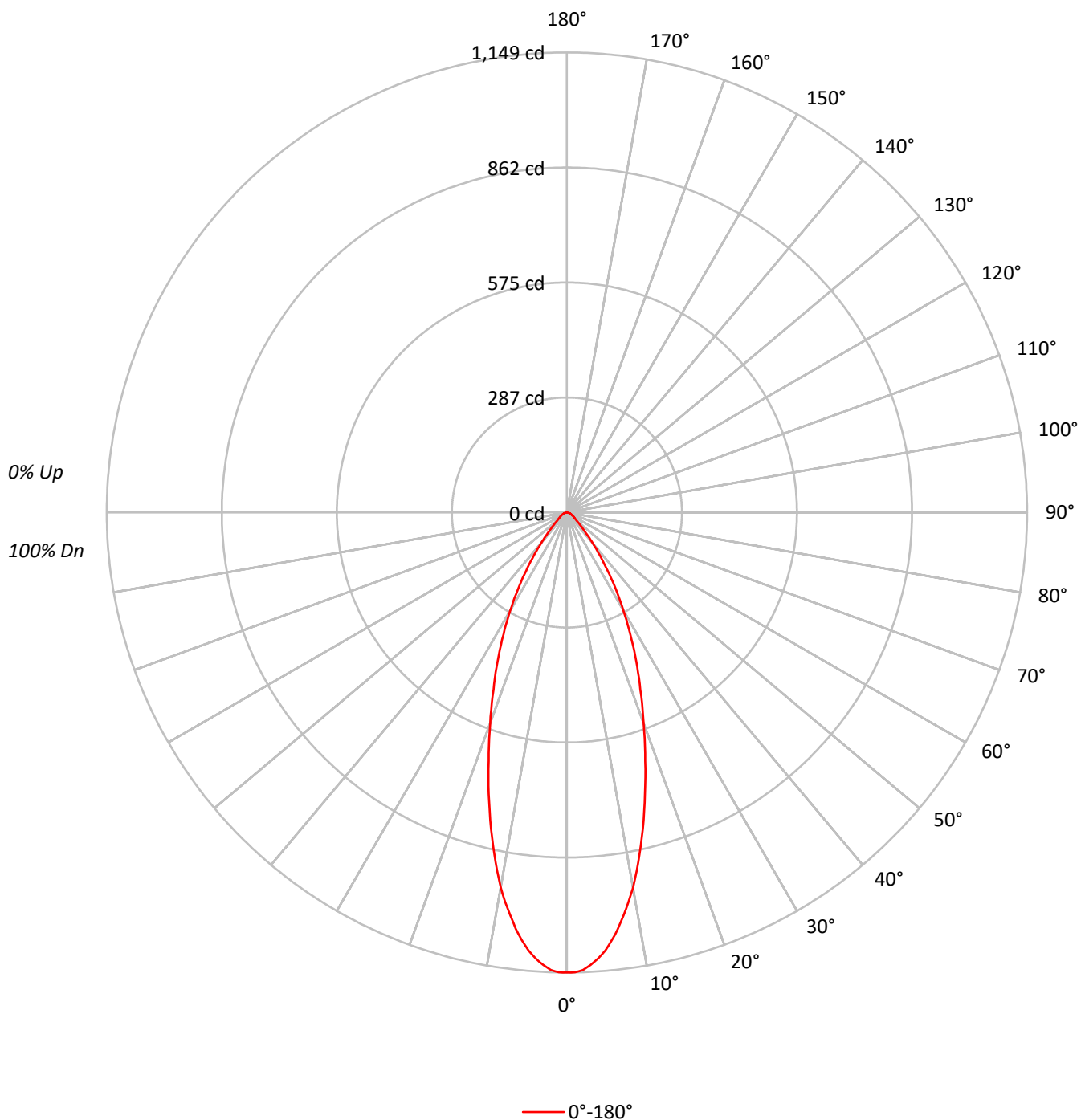
Lumens per Lamp: N/A
Luminaire Lumens: 694.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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	105	111	108	106	104	104	102	101		100	99	98		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251953
5°	241734
10°	211753
15°	170217
20°	130771
25°	98957
30°	71505
35°	47489
40°	28797
45°	16777
50°	10712
55°	8678
60°	7587
65°	6745
70°	5578
75°	5507
80°	4041
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.0	14.4
10°-20°	207.3	29.9
20°-30°	187.5	27.0
30°-40°	112.6	16.2
40°-50°	44.7	6.4
50°-60°	20.6	3.0
60°-70°	12.6	1.8
70°-80°	6.7	1.0
80°-90°	1.9	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°	494.8	71.3
0°-40°	607.4	87.5
0°-60°	672.8	96.9
0°-90°	694.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	694.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1149	
5°	1098	100
15°	750	207
25°	409	188
35°	177	113
45°	54	45
55°	23	21
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1149.0
1°	1149.0
2°	1143.6
3°	1131.7
4°	1116.6
5°	1098.2
6°	1074.4
7°	1047.3
8°	1016.0
9°	984.6
10°	951.0
11°	912.1
12°	872.1
13°	832.0
14°	792.0
15°	749.8
17.5°	650.3
20°	560.4
22.5°	479.3
25°	409.0
27.5°	343.0
30°	282.4
32.5°	227.2
35°	177.4
37.5°	135.2
40°	100.6
42.5°	73.6
45°	54.1
47.5°	41.1
50°	31.4
52.5°	26.0
55°	22.7
57.5°	19.5
60°	17.3
62.5°	14.1
65°	13.0
67.5°	10.8
70°	8.7
72.5°	7.6
75°	6.5
77.5°	5.4
80°	3.2
82.5°	2.2
85°	2.2
87.5°	1.1



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)