

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: P1300852

Luminaire Tested: P3A17R40W2N902750DE010 E3DLD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1300852
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R40W2N902750DE010 E3DLD1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R40 optic, 2700K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

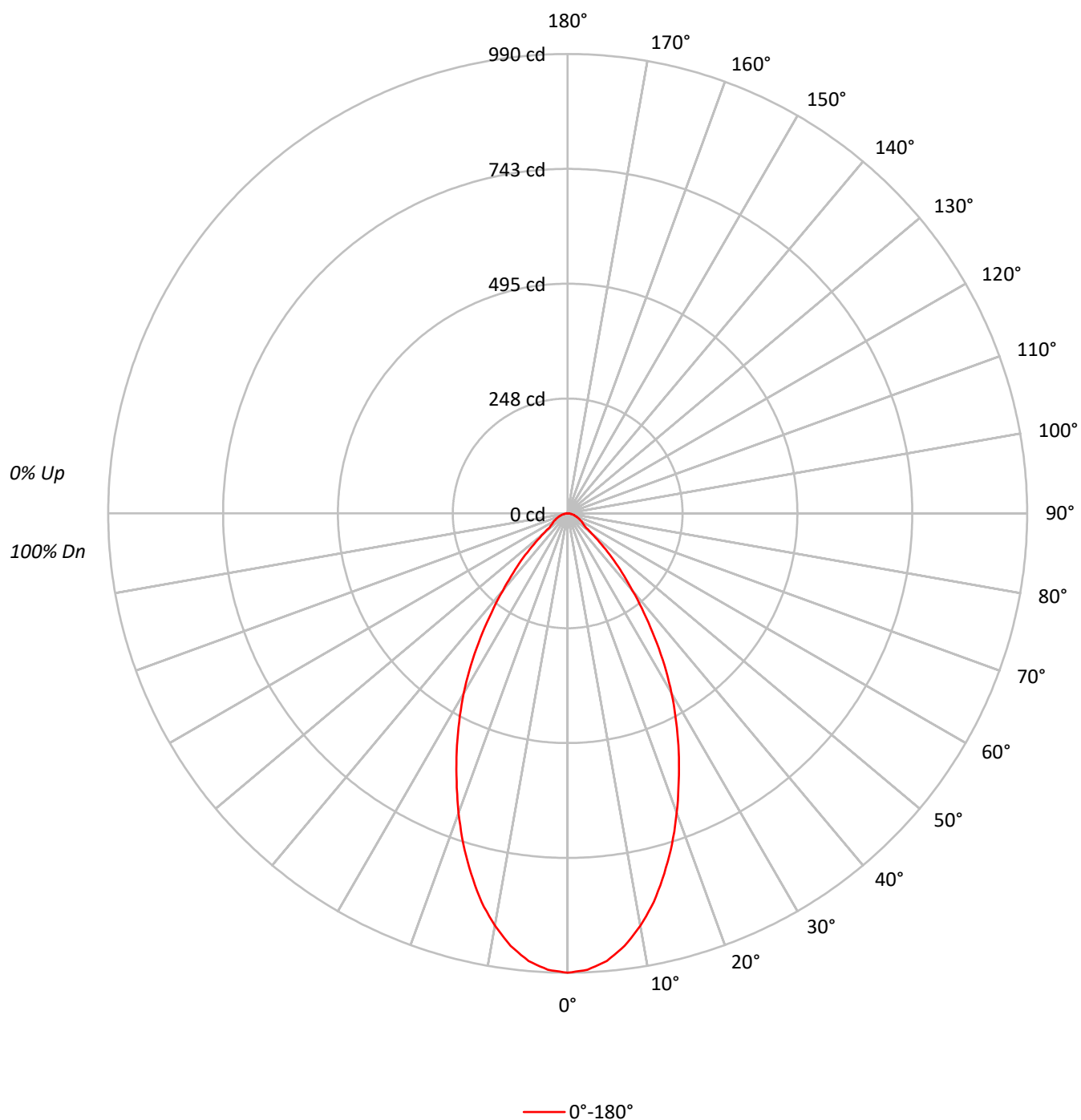
Lumens per Lamp: N/A
Luminaire Lumens: 967.0 lumens
Efficiency: N/A
Efficacy: 49.8 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	217066
5°	213141
10°	200909
15°	182476
20°	160314
25°	136895
30°	113410
35°	87455
40°	62260
45°	41927
50°	22891
55°	16133
60°	15174
65°	14009
70°	12502
75°	11946
80°	9597
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 41927 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	9.3
10°-20°	223.9	23.2
20°-30°	258.8	26.8
30°-40°	204.0	21.1
40°-50°	104.7	10.8
50°-60°	40.1	4.1
60°-70°	26.5	2.7
70°-80°	14.4	1.5
80°-90°	4.3	0.4
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°	573.1	59.3
0°-40°	777.1	80.4
0°-60°	921.9	95.3
0°-90°	967.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	967.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	990	
5°	968	90
15°	804	224
25°	566	259
35°	327	204
45°	135	105
55°	42	40
65°	27	26
75°	14	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	989.9
2.5°	984.5
5°	968.3
7.5°	940.2
10°	902.3
12.5°	857.9
15°	803.8
17.5°	747.6
20°	687.0
22.5°	625.3
25°	565.8
27.5°	506.3
30°	447.9
32.5°	388.4
35°	326.7
37.5°	269.4
40°	217.5
42.5°	173.1
45°	135.2
47.5°	98.5
50°	67.1
52.5°	48.7
55°	42.2
57.5°	37.9
60°	34.6
62.5°	30.3
65°	27.0
67.5°	22.7
70°	19.5
72.5°	16.2
75°	14.1
77.5°	10.8
80°	7.6
82.5°	6.5
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)