

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: P1299897

Luminaire Tested: P3A17R25W2N902750DE010 E3PHLP1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299897
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R25W2N902750DE010 E3PHLP1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

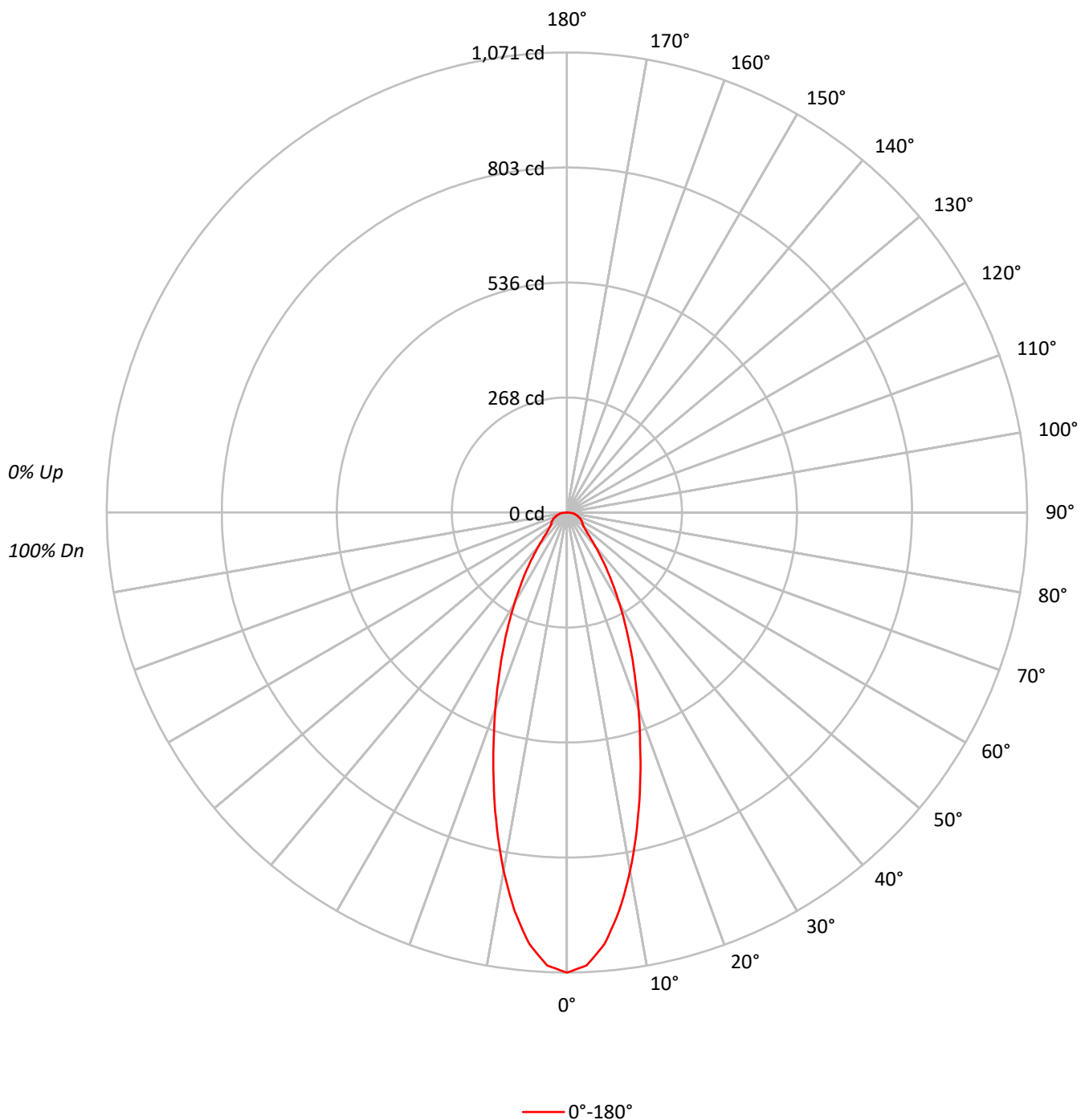
Lumens per Lamp: N/A
Luminaire Lumens: 699.1 lumens
Efficiency: N/A
Efficacy: 36.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95	93	92		90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	85	83		81
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82	79	76		74
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77	73	70		68
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72	68	65		63
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68	64	61		59
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65	60	57		55
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61	57	53		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58	54	50		49
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56	51	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	234872
5°	221901
10°	188618
15°	149377
20°	113527
25°	84682
30°	61604
35°	43580
40°	29570
45°	20622
50°	17330
55°	16745
60°	17674
65°	18160
70°	17952
75°	19317
80°	22099
85°	22140

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23520 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	13.0
10°-20°	182.1	26.1
20°-30°	161.3	23.1
30°-40°	102.7	14.7
40°-50°	54.4	7.8
50°-60°	40.0	5.7
60°-70°	34.0	4.9
70°-80°	24.1	3.4
80°-90°	9.5	1.4
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°	434.4	62.1
0°-40°	537.1	76.8
0°-60°	631.5	90.3
0°-90°	699.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	699.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1071	
5°	1008	91
15°	658	182
25°	350	161
35°	163	103
45°	66	54
55°	44	40
65°	35	34
75°	23	24
85°	9	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1071.1
2.5°	1055.3
5°	1008.1
7.5°	934.6
10°	847.1
12.5°	752.5
15°	658.0
17.5°	567.0
20°	486.5
22.5°	413.0
25°	350.0
27.5°	294.0
30°	243.3
32.5°	199.5
35°	162.8
37.5°	129.5
40°	103.3
42.5°	82.3
45°	66.5
47.5°	57.8
50°	50.8
52.5°	47.3
55°	43.8
57.5°	42.0
60°	40.3
62.5°	36.8
65°	35.0
67.5°	31.5
70°	28.0
72.5°	26.3
75°	22.8
77.5°	19.3
80°	17.5
82.5°	14.0
85°	8.8
87.5°	3.5
90°	0.0

(END OF REPORT)