

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: P1299899

Luminaire Tested: P3A17R25W2N902750DE010 E3PHLP1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299899
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_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 5000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

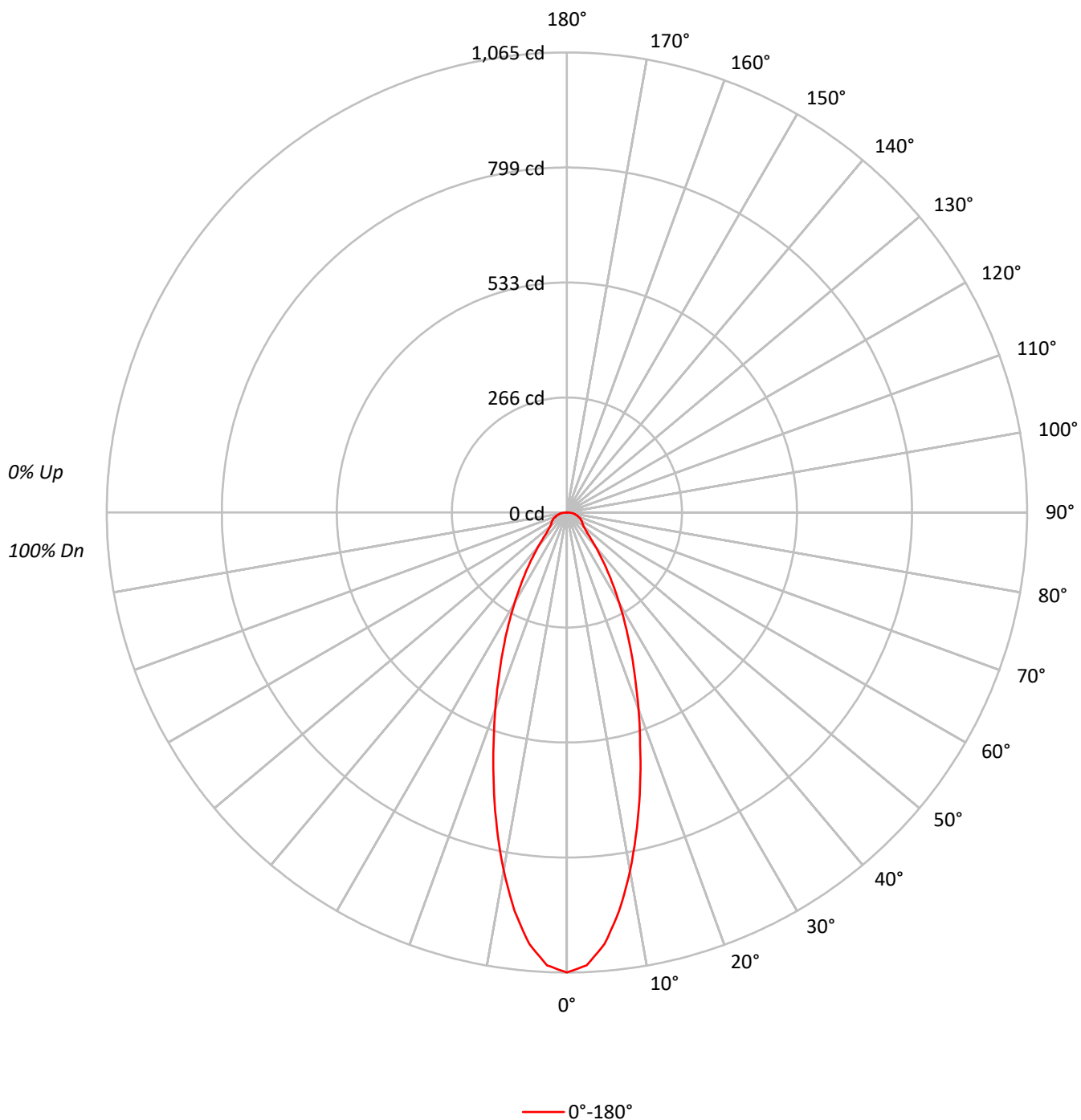
Lumens per Lamp: N/A
Luminaire Lumens: 695.0 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233512
5°	220625
10°	187527
15°	148537
20°	112873
25°	84198
30°	61250
35°	43313
40°	29398
45°	20498
50°	17228
55°	16630
60°	17542
65°	18056
70°	17824
75°	19148
80°	21972
85°	21889

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 23352 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.5	13.0
10°-20°	181.1	26.1
20°-30°	160.4	23.1
30°-40°	102.2	14.7
40°-50°	54.0	7.8
50°-60°	39.7	5.7
60°-70°	33.8	4.9
70°-80°	23.9	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°	431.9	62.1
0°-40°	534.1	76.8
0°-60°	627.8	90.3
0°-90°	695.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	695.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1065	
5°	1002	90
15°	654	181
25°	348	160
35°	162	102
45°	66	54
55°	44	40
65°	35	34
75°	23	24
85°	9	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1064.9
2.5°	1049.3
5°	1002.3
7.5°	929.2
10°	842.2
12.5°	748.2
15°	654.3
17.5°	563.8
20°	483.7
22.5°	410.7
25°	348.0
27.5°	292.3
30°	241.9
32.5°	198.4
35°	161.8
37.5°	128.8
40°	102.7
42.5°	81.8
45°	66.1
47.5°	57.4
50°	50.5
52.5°	47.0
55°	43.5
57.5°	41.8
60°	40.0
62.5°	36.5
65°	34.8
67.5°	31.3
70°	27.8
72.5°	26.1
75°	22.6
77.5°	19.1
80°	17.4
82.5°	13.9
85°	8.7
87.5°	3.5
90°	0.0

(END OF REPORT)