

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: P1299257

Luminaire Tested: P3A17R15W2N902750DE010 E3PHLP1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299257
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3PHLP1MW_2700K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

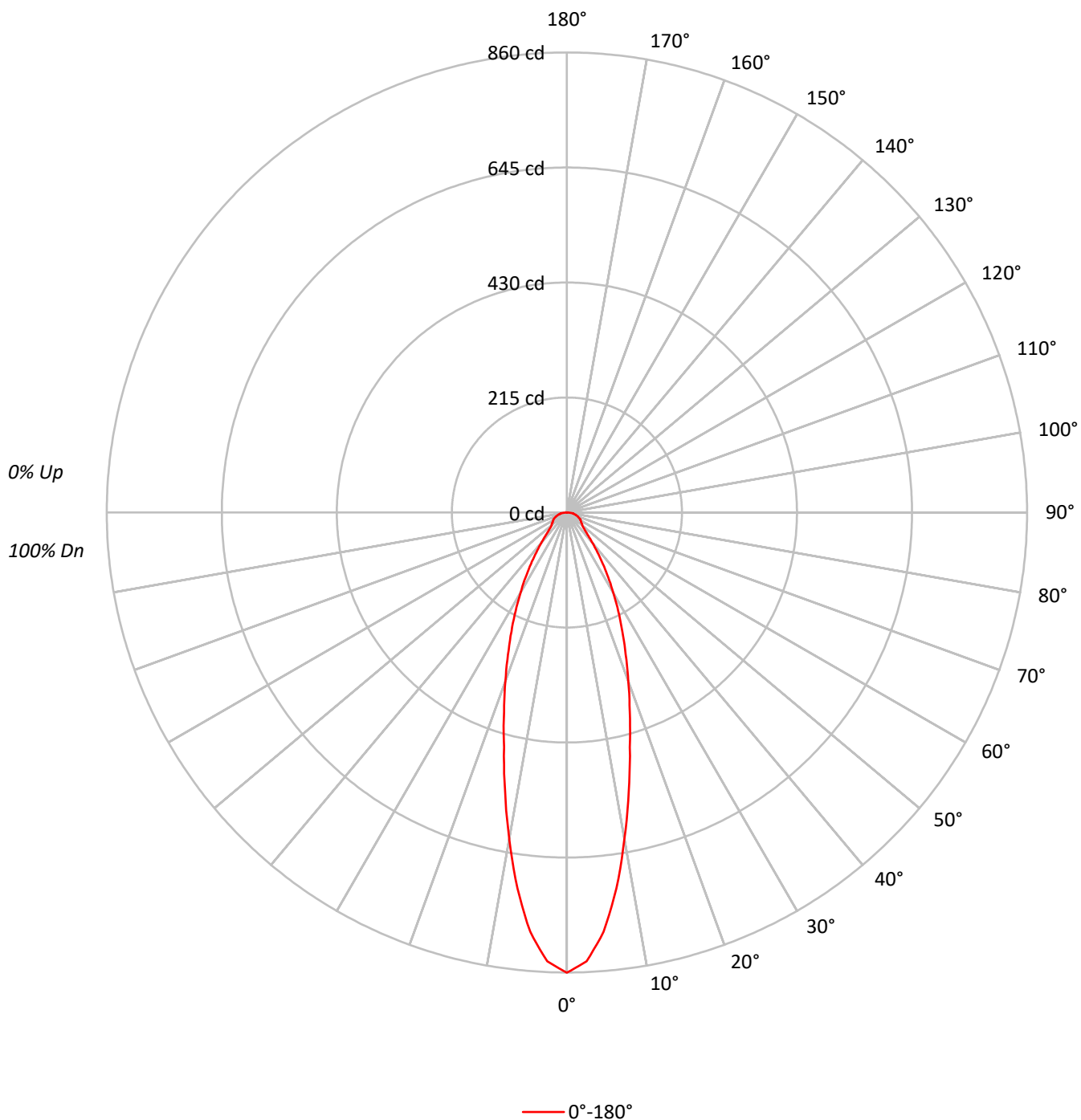
Lumens per Lamp: N/A
Luminaire Lumens: 504.0 lumens
Efficiency: N/A
Efficacy: 26.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	108	105	102	109	106	103	100	102	99	97		98	96	94		95	93	92	90
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82	79	76	74
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77	73	70	68
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72	68	65	63
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68	64	60	59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65	60	57	55
8	75	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°	188647
5°	173211
10°	138007
15°	103133
20°	78337
25°	59302
30°	43880
35°	31347
40°	21440
45°	15009
50°	12793
55°	12540
60°	13025
65°	13750
70°	14041
75°	14572
80°	15785
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 18312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.7	13.8
10°-20°	127.4	25.3
20°-30°	112.9	22.4
30°-40°	73.9	14.7
40°-50°	39.5	7.8
50°-60°	29.9	5.9
60°-70°	25.7	5.1
70°-80°	17.7	3.5
80°-90°	7.2	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°	310.0	61.5
0°-40°	384.0	76.2
0°-60°	453.3	90.0
0°-90°	504.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	504.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	860	
5°	787	70
15°	454	127
25°	245	113
35°	117	74
45°	48	40
55°	33	30
65°	26	26
75°	17	18
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	860.3
2.5°	840.0
5°	786.9
7.5°	708.8
10°	619.8
12.5°	534.0
15°	454.3
17.5°	390.3
20°	335.7
22.5°	287.3
25°	245.1
27.5°	207.6
30°	173.3
32.5°	143.6
35°	117.1
37.5°	93.7
40°	74.9
42.5°	59.3
45°	48.4
47.5°	42.2
50°	37.5
52.5°	35.9
55°	32.8
57.5°	31.2
60°	29.7
62.5°	28.1
65°	26.5
67.5°	23.4
70°	21.9
72.5°	18.7
75°	17.2
77.5°	14.1
80°	12.5
82.5°	10.9
85°	6.2
87.5°	3.1
90°	0.0

(END OF REPORT)