

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: P1299250

Luminaire Tested: P3A17R15W2N902750DE010 E3PH1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1299250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R15W2N902750DE010 E3PH1MW_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

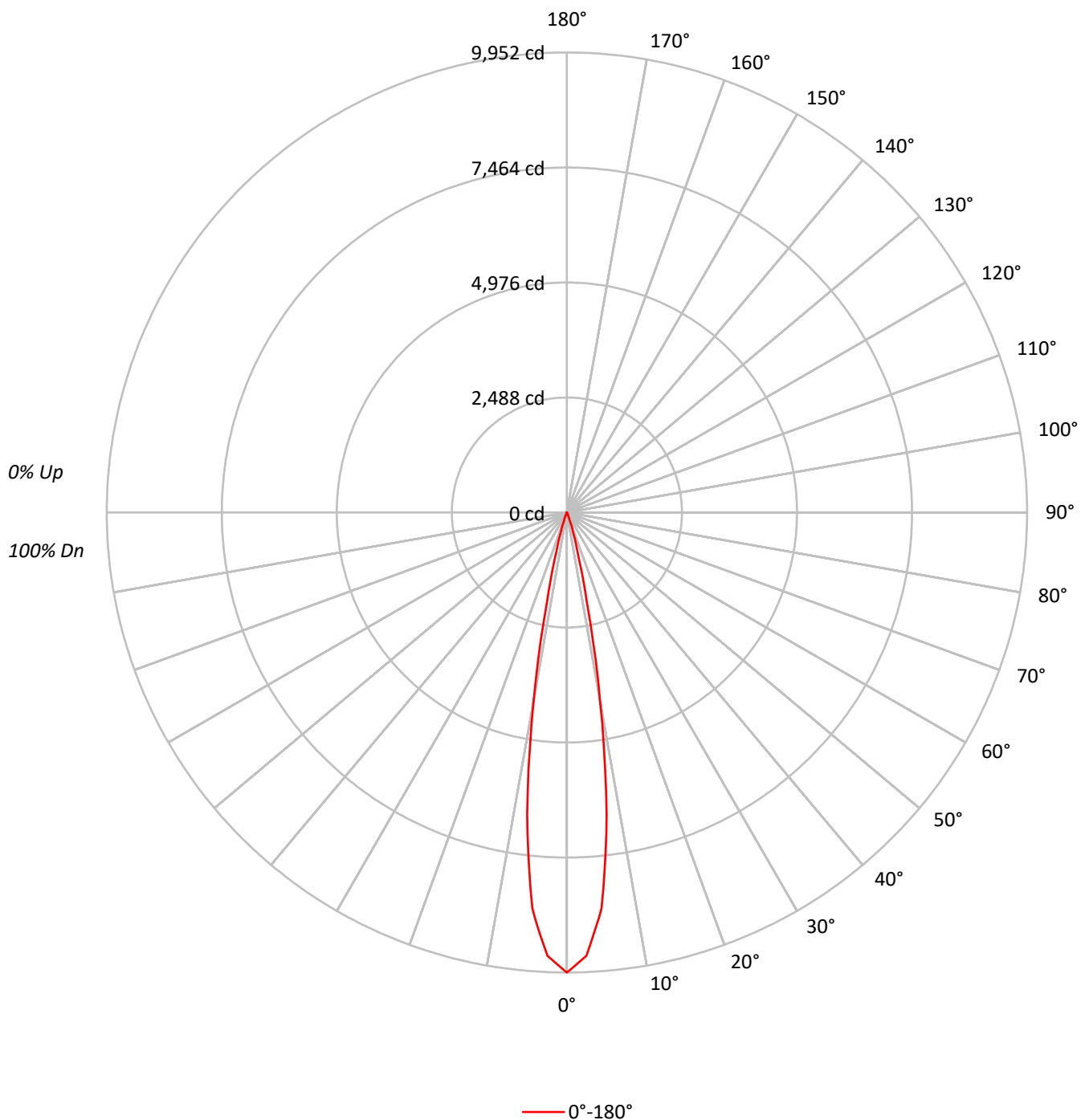
Lumens per Lamp: N/A
Luminaire Lumens: 1035.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.31 / 0.31 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	116	114	113	111		114	112	111	110		108	107	106		105	104	103		101	101	100		99			
2	113	110	108	106		111	109	107	105		106	104	103		103	102	100		100	99	98		97			
3	111	107	104	102		109	106	103	101		104	101	100		101	100	98		99	98	97		96			
4	109	104	101	99		107	103	101	99		102	99	98		100	98	97		98	97	95		94			
5	107	102	99	97		105	101	99	96		100	98	96		99	96	95		97	96	94		93			
6	105	100	97	95		104	100	97	95		98	96	94		97	95	93		96	94	93		92			
7	103	98	95	93		102	98	95	93		97	94	93		96	94	92		95	93	92		91			
8	101	97	94	92		101	96	94	92		96	93	91		95	93	91		94	92	91		90			
9	100	95	92	90		99	95	92	90		94	92	90		94	91	90		93	91	90		89			
10	99	94	91	89		98	94	91	89		93	91	89		93	90	89		92	90	89		88			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	2182237
5°	1892049
10°	919956
15°	196255
20°	41234
25°	12267
30°	2659
35°	455
40°	0
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Luminance: 0 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	671.5	64.9
10°-20°	333.9	32.3
20°-30°	27.8	2.7
30°-40°	1.8	0.2
40°-50°	0.0	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	1033.2	99.8
0°-40°	1035.0	100.0
0°-60°	1035.0	100.0
0°-90°	1035.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1035.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	9952	
5°	8596	671
15°	864	334
25°	51	28
35°	2	2
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	9951.8
2.5°	9603.6
5°	8595.6
7.5°	6581.4
10°	4131.6
12.5°	1987.9
15°	864.5
17.5°	441.0
20°	176.7
22.5°	87.5
25°	50.7
27.5°	26.2
30°	10.5
32.5°	3.5
35°	1.7
37.5°	1.7
40°	0.0
42.5°	0.0
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)