

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: P1270150

Luminaire Tested: P3A17R259740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270150
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R259740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

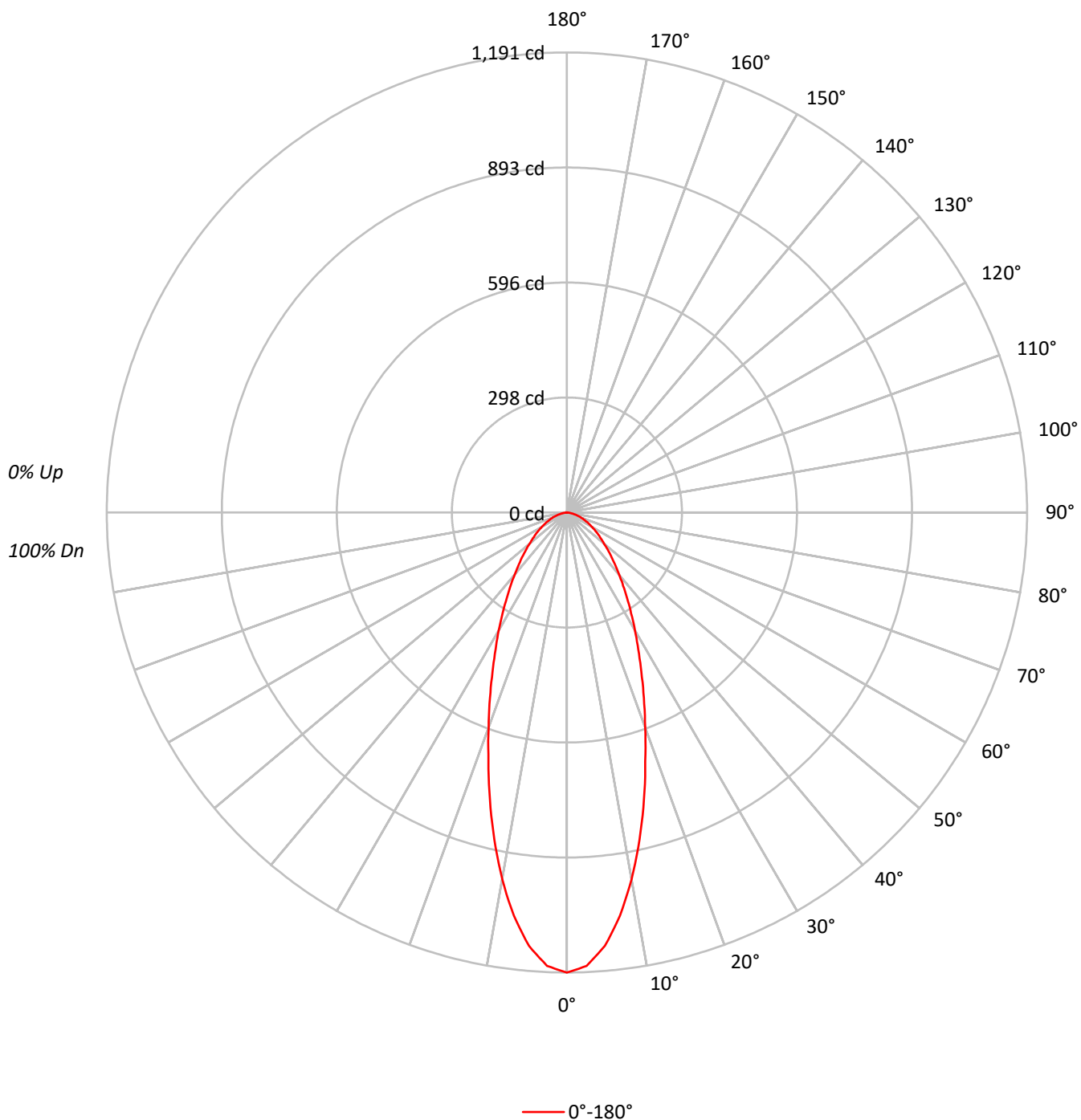
Lumens per Lamp: N/A
Luminaire Lumens: 1001.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	261185
5°	247919
10°	214737
15°	174825
20°	138122
25°	110135
30°	89280
35°	72732
40°	60256
45°	50765
50°	42950
55°	37848
60°	33155
65°	28953
70°	25389
75°	21350
80°	15911
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50765 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.3	10.2
10°-20°	213.5	21.3
20°-30°	210.5	21.0
30°-40°	171.3	17.1
40°-50°	127.1	12.7
50°-60°	88.8	8.9
60°-70°	55.6	5.6
70°-80°	26.8	2.7
80°-90°	5.1	0.5
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°	526.3	52.6
0°-40°	697.6	69.7
0°-60°	913.5	91.3
0°-90°	1001.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1001.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1191	
5°	1126	102
15°	770	214
25°	455	210
35°	272	171
45°	164	127
55°	99	89
65°	56	56
75°	25	27
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1191.1
2.5°	1174.9
5°	1126.3
7.5°	1052.5
10°	964.4
12.5°	867.2
15°	770.1
17.5°	674.7
20°	591.9
22.5°	520.0
25°	455.2
27.5°	399.4
30°	352.6
32.5°	309.5
35°	271.7
37.5°	239.3
40°	210.5
42.5°	185.3
45°	163.7
47.5°	143.9
50°	125.9
52.5°	111.6
55°	99.0
57.5°	86.4
60°	75.6
62.5°	64.8
65°	55.8
67.5°	46.8
70°	39.6
72.5°	32.4
75°	25.2
77.5°	18.0
80°	12.6
82.5°	7.2
85°	3.6
87.5°	1.8
90°	0.0

(END OF REPORT)