

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: P1247254

Luminaire Tested: P3A17R259024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247254
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: P3A17R259024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

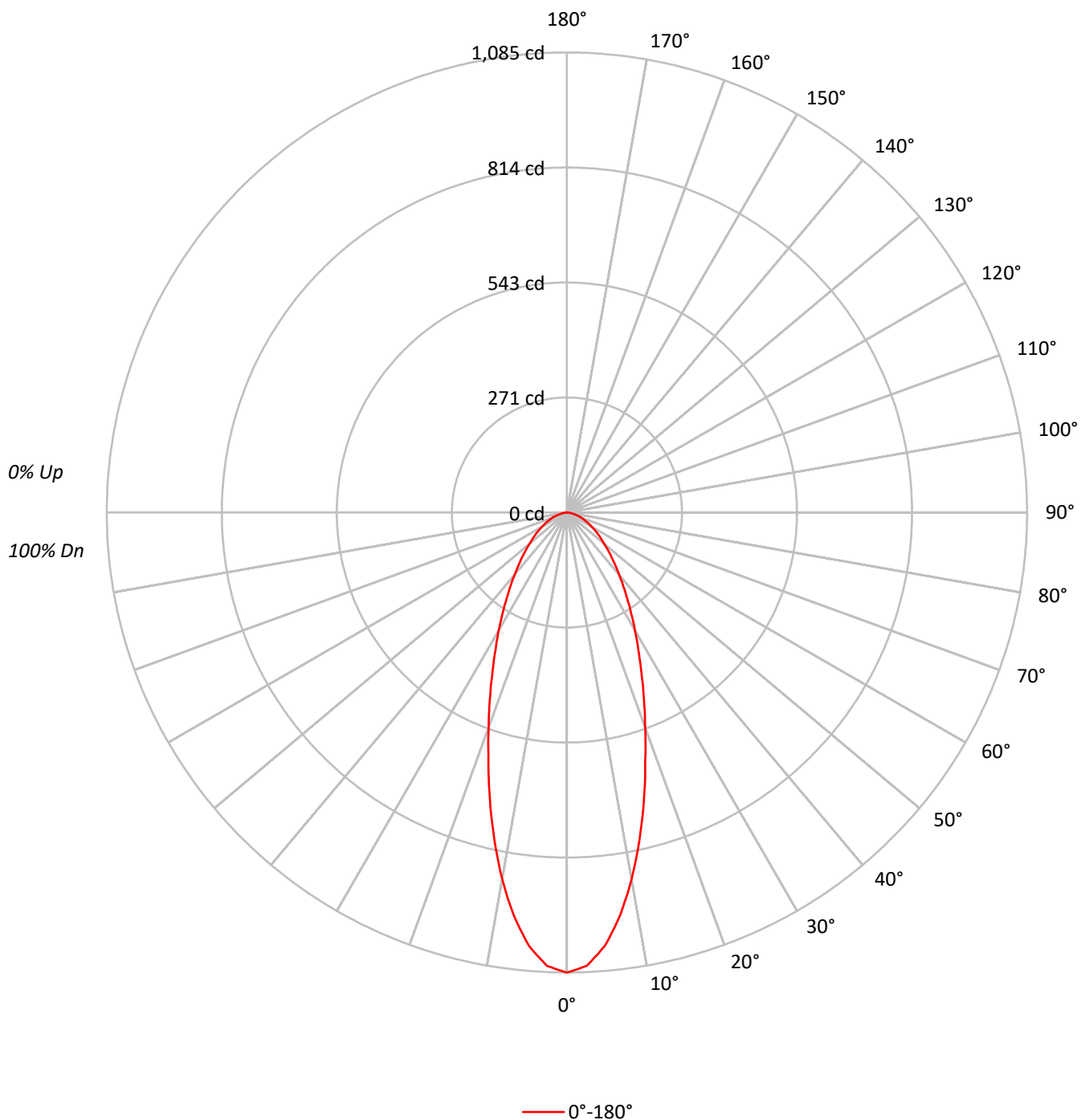
Lumens per Lamp: N/A
Luminaire Lumens: 912.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	237963
5°	225885
10°	195632
15°	159274
20°	125848
25°	100336
30°	81354
35°	66254
40°	54903
45°	46268
50°	39129
55°	34484
60°	30173
65°	26358
70°	23145
75°	19402
80°	14522
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46268 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.2	10.2
10°-20°	194.6	21.3
20°-30°	191.7	21.0
30°-40°	156.1	17.1
40°-50°	115.8	12.7
50°-60°	80.9	8.9
60°-70°	50.6	5.6
70°-80°	24.4	2.7
80°-90°	4.7	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°	479.5	52.6
0°-40°	635.6	69.7
0°-60°	832.2	91.3
0°-90°	912.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	912.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1085	
5°	1026	93
15°	702	195
25°	415	192
35°	248	156
45°	149	116
55°	90	81
65°	51	51
75°	23	24
85°	3	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1085.2
2.5°	1070.4
5°	1026.2
7.5°	959.0
10°	878.6
12.5°	790.1
15°	701.6
17.5°	614.7
20°	539.3
22.5°	473.7
25°	414.7
27.5°	363.9
30°	321.3
32.5°	282.0
35°	247.5
37.5°	218.0
40°	191.8
42.5°	168.8
45°	149.2
47.5°	131.1
50°	114.7
52.5°	101.6
55°	90.2
57.5°	78.7
60°	68.8
62.5°	59.0
65°	50.8
67.5°	42.6
70°	36.1
72.5°	29.5
75°	22.9
77.5°	16.4
80°	11.5
82.5°	6.6
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)