

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: P1265334

Luminaire Tested: P3A17R159730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265334
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

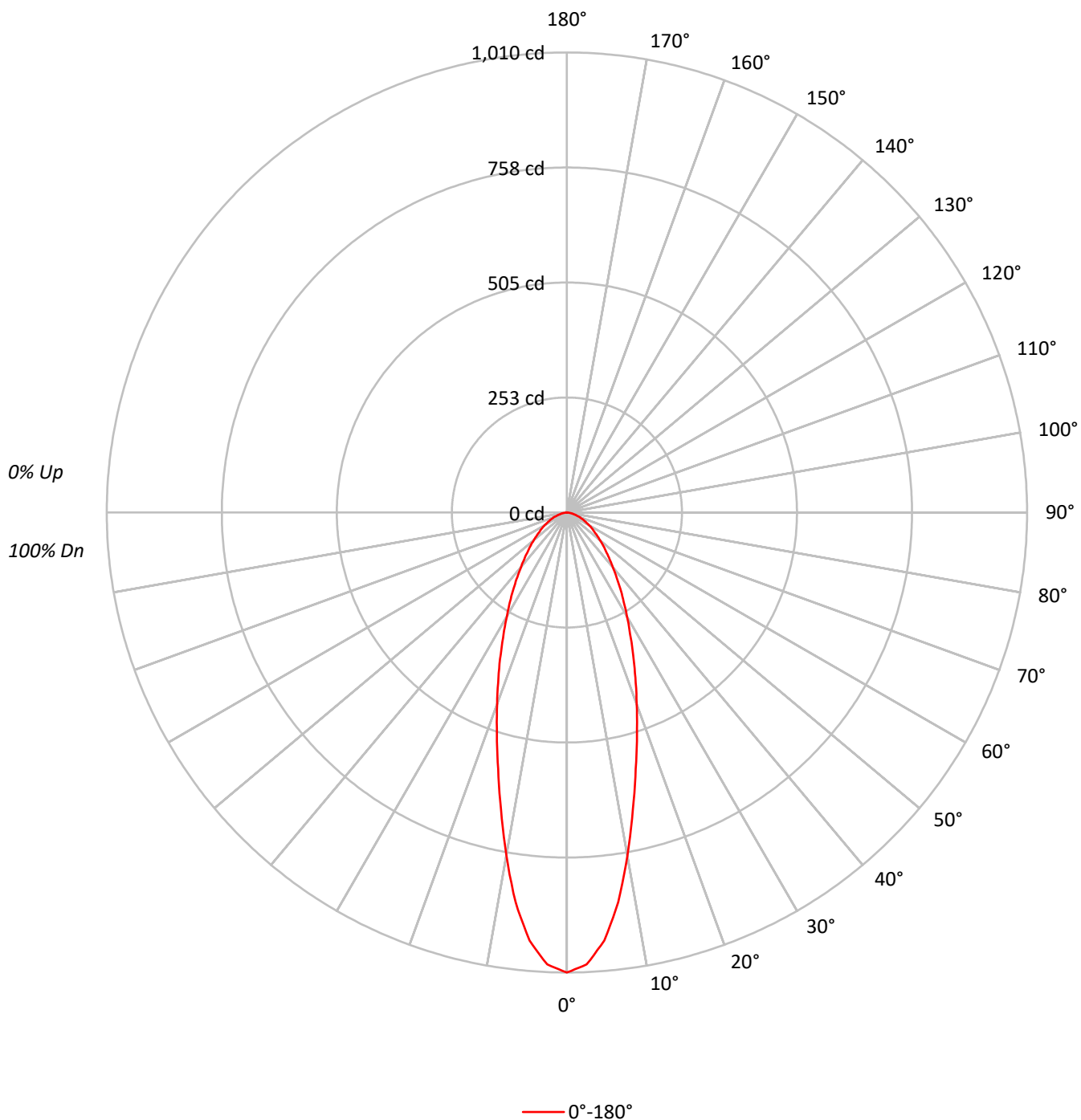
Lumens per Lamp: N/A
Luminaire Lumens: 761.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	221452
5°	207594
10°	170226
15°	132260
20°	104402
25°	83206
30°	66770
35°	54529
40°	44913
45°	37802
50°	32442
55°	28061
60°	24910
65°	21637
70°	19234
75°	15589
80°	12628
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37802 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	84.2	11.1
10°-20°	163.2	21.4
20°-30°	158.6	20.8
30°-40°	128.2	16.8
40°-50°	95.2	12.5
50°-60°	66.5	8.7
60°-70°	41.7	5.5
70°-80°	19.8	2.6
80°-90°	3.6	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°	406.0	53.4
0°-40°	534.2	70.2
0°-60°	695.9	91.4
0°-90°	761.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	761.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1010	
5°	943	84
15°	583	163
25°	344	159
35°	204	128
45°	122	95
55°	73	67
65°	42	42
75°	18	20
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1009.9
2.5°	993.2
5°	943.1
7.5°	863.0
10°	764.5
12.5°	667.7
15°	582.6
17.5°	510.8
20°	447.4
22.5°	392.3
25°	343.9
27.5°	300.5
30°	263.7
32.5°	232.0
35°	203.7
37.5°	178.6
40°	156.9
42.5°	138.5
45°	121.9
47.5°	108.5
50°	95.1
52.5°	83.5
55°	73.4
57.5°	65.1
60°	56.8
62.5°	48.4
65°	41.7
67.5°	35.1
70°	30.0
72.5°	23.4
75°	18.4
77.5°	13.4
80°	10.0
82.5°	5.0
85°	3.3
87.5°	0.0
90°	0.0

(END OF REPORT)