

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: P1262955

Luminaire Tested: P3A17R159727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262955
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: P3A17R159727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

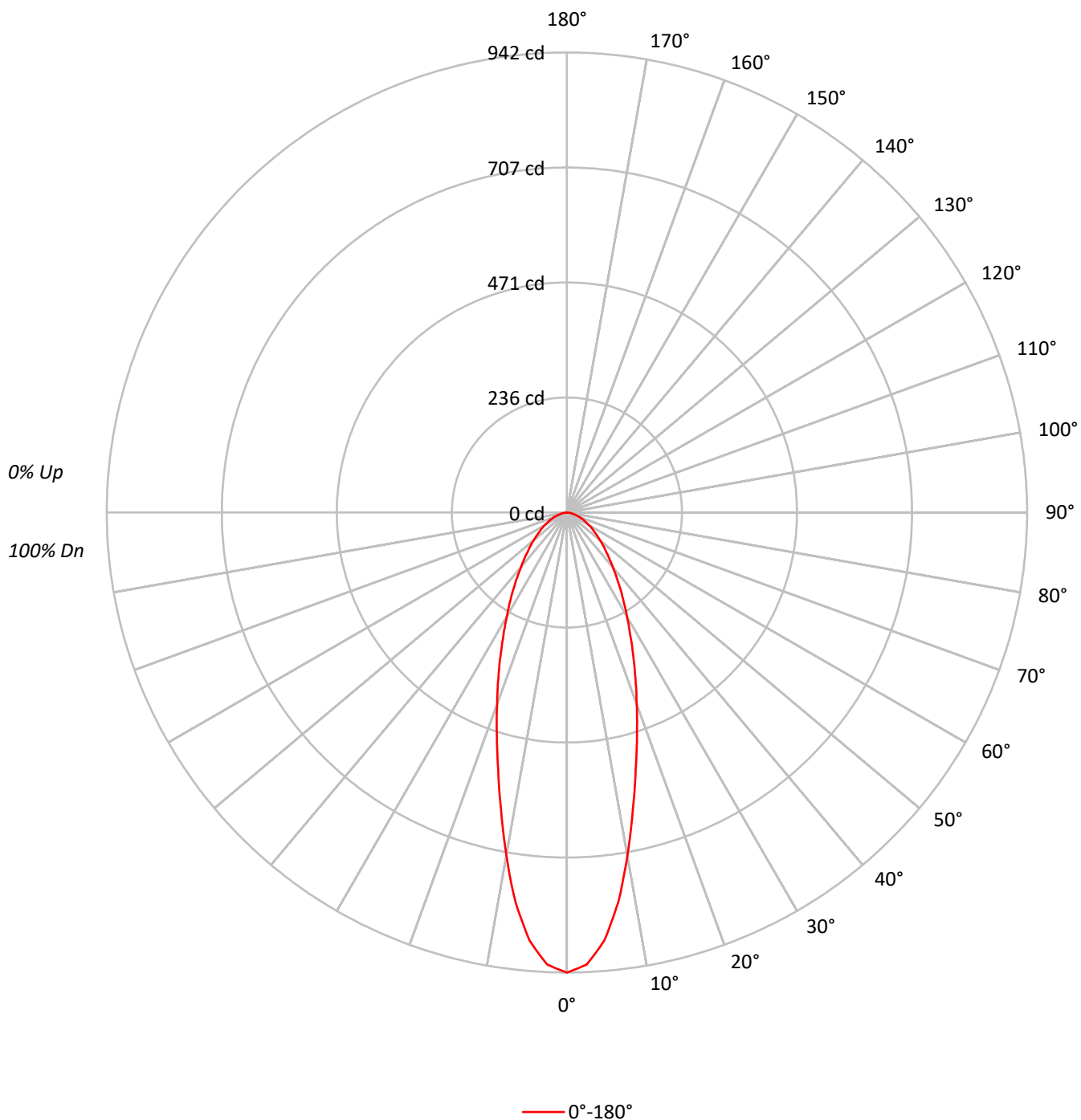
Lumens per Lamp: N/A
Luminaire Lumens: 710.0 lumens
Efficiency: N/A
Efficacy: 33.5 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	206606
5°	193682
10°	158826
15°	123383
20°	97402
25°	77617
30°	62313
35°	50862
40°	41907
45°	35259
50°	30293
55°	26188
60°	23244
65°	20184
70°	17952
75°	14488
80°	11744
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35259 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.6	11.1
10°-20°	152.3	21.4
20°-30°	148.0	20.8
30°-40°	119.6	16.8
40°-50°	88.8	12.5
50°-60°	62.1	8.7
60°-70°	38.9	5.5
70°-80°	18.5	2.6
80°-90°	3.4	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°	378.8	53.4
0°-40°	498.4	70.2
0°-60°	649.3	91.4
0°-90°	710.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	710.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	942	
5°	880	79
15°	544	152
25°	321	148
35°	190	120
45°	114	89
55°	68	62
65°	39	39
75°	17	18
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	942.2
2.5°	926.7
5°	879.9
7.5°	805.2
10°	713.3
12.5°	623.0
15°	543.5
17.5°	476.6
20°	417.4
22.5°	366.0
25°	320.8
27.5°	280.3
30°	246.1
32.5°	216.5
35°	190.0
37.5°	166.6
40°	146.4
42.5°	129.3
45°	113.7
47.5°	101.2
50°	88.8
52.5°	77.9
55°	68.5
57.5°	60.7
60°	53.0
62.5°	45.2
65°	38.9
67.5°	32.7
70°	28.0
72.5°	21.8
75°	17.1
77.5°	12.5
80°	9.3
82.5°	4.7
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)