

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: P1262981

Luminaire Tested: P3A17R209727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

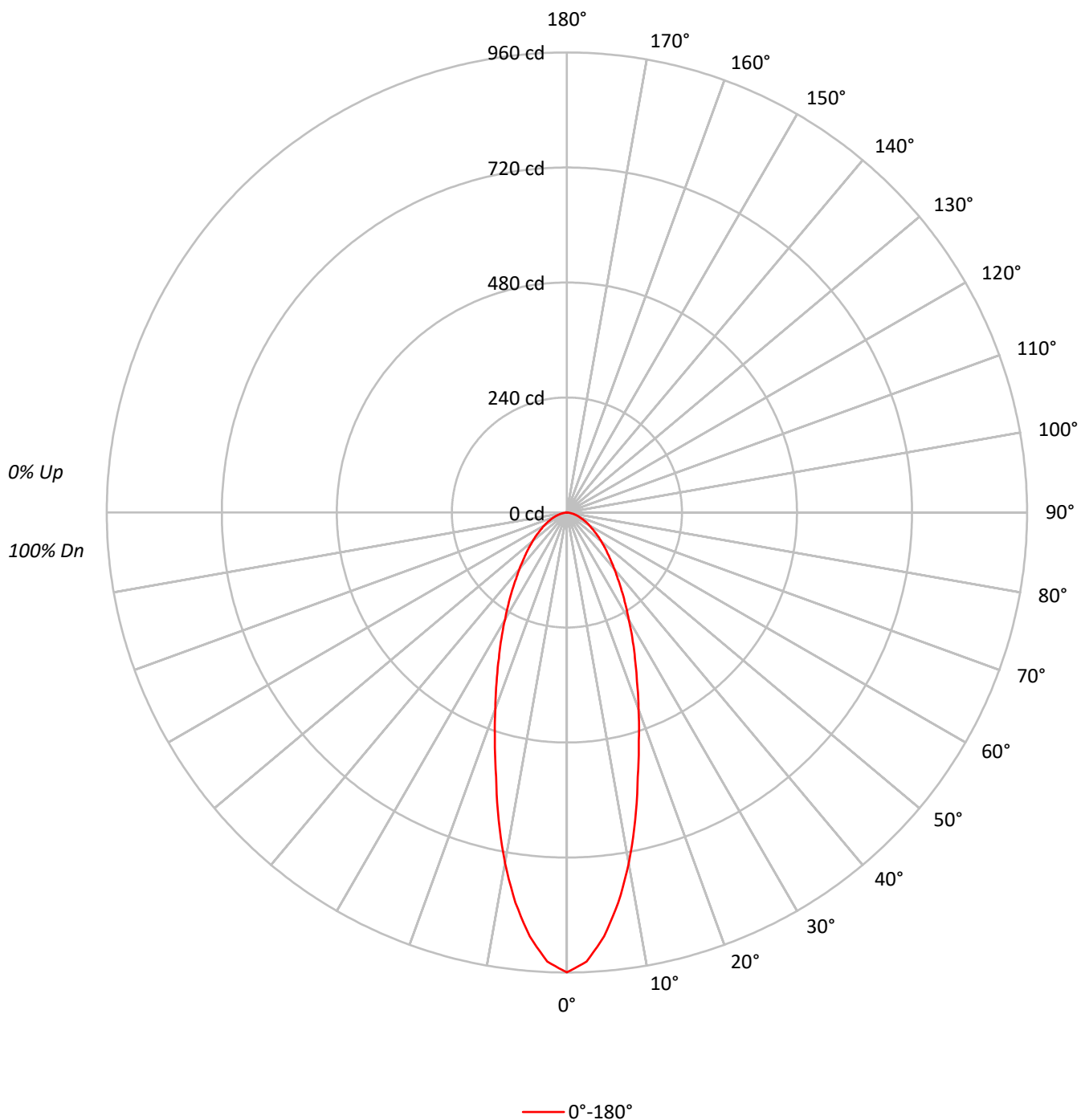
Lumens per Lamp: N/A
Luminaire Lumens: 742.0 lumens
Efficiency: N/A
Efficacy: 35.0 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	64	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210422
5°	195487
10°	165528
15°	129581
20°	101976
25°	81295
30°	65377
35°	53298
40°	44083
45°	37151
50°	31828
55°	27335
60°	23858
65°	20962
70°	17952
75°	15843
80°	11744
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 37151 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.2	10.8
10°-20°	159.8	21.5
20°-30°	155.2	20.9
30°-40°	125.4	16.9
40°-50°	93.2	12.6
50°-60°	64.7	8.7
60°-70°	40.5	5.5
70°-80°	19.7	2.7
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°	395.1	53.3
0°-40°	520.5	70.2
0°-60°	678.4	91.4
0°-90°	742.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	742.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	960	
5°	888	80
15°	571	160
25°	336	155
35°	199	125
45°	120	93
55°	72	65
65°	40	41
75°	19	20
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	959.6
2.5°	937.9
5°	888.1
7.5°	821.2
10°	743.4
12.5°	657.9
15°	570.8
17.5°	499.3
20°	437.0
22.5°	382.6
25°	336.0
27.5°	295.5
30°	258.2
32.5°	227.1
35°	199.1
37.5°	174.2
40°	154.0
42.5°	135.3
45°	119.8
47.5°	105.8
50°	93.3
52.5°	82.4
55°	71.5
57.5°	62.2
60°	54.4
62.5°	48.2
65°	40.4
67.5°	34.2
70°	28.0
72.5°	23.3
75°	18.7
77.5°	14.0
80°	9.3
82.5°	4.7
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)