

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: P1273692

Luminaire Tested: P3A09R309830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273692
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R309830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

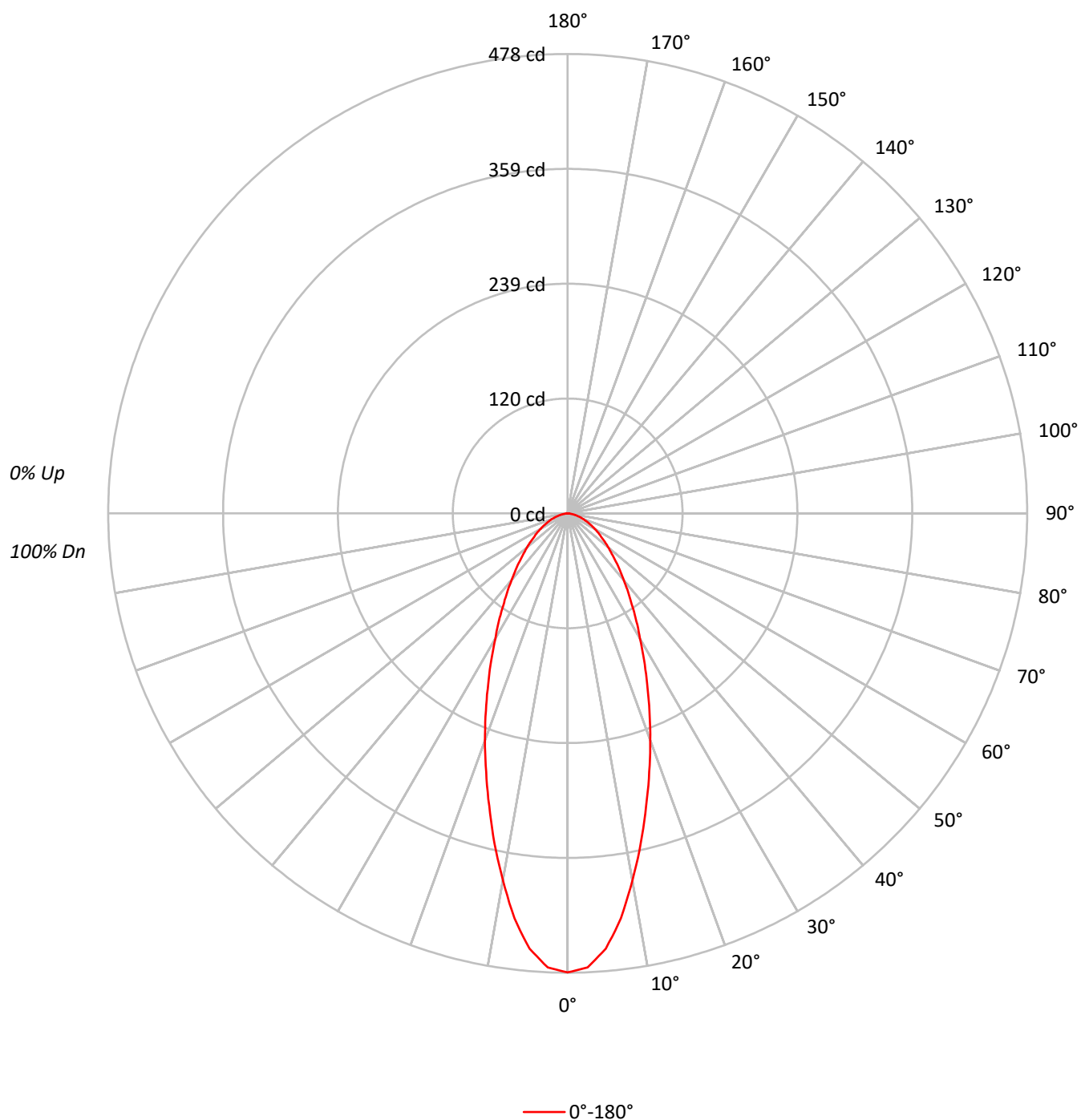
Lumens per Lamp: N/A
Luminaire Lumens: 425.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	74		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	104728
5°	100088
10°	86327
15°	71555
20°	58665
25°	47277
30°	38107
35°	31213
40°	25934
45°	21987
50°	18831
55°	16286
60°	14516
65°	12660
70°	11092
75°	9320
80°	6945
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 21987 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.2	9.7
10°-20°	87.9	20.7
20°-30°	90.1	21.2
30°-40°	73.6	17.3
40°-50°	55.1	13.0
50°-60°	38.7	9.1
60°-70°	24.3	5.7
70°-80°	11.7	2.8
80°-90°	2.3	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°	219.2	51.6
0°-40°	292.9	68.9
0°-60°	386.7	91.0
0°-90°	425.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	425.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	455	41
15°	315	88
25°	195	90
35°	117	74
45°	71	55
55°	43	39
65°	24	24
75°	11	12
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	477.6
2.5°	472.9
5°	454.7
7.5°	424.8
10°	387.7
12.5°	351.5
15°	315.2
17.5°	282.1
20°	251.4
22.5°	222.2
25°	195.4
27.5°	171.8
30°	150.5
32.5°	133.2
35°	116.6
37.5°	103.2
40°	90.6
42.5°	80.4
45°	70.9
47.5°	62.3
50°	55.2
52.5°	48.9
55°	42.6
57.5°	37.8
60°	33.1
62.5°	28.4
65°	24.4
67.5°	20.5
70°	17.3
72.5°	14.2
75°	11.0
77.5°	7.9
80°	5.5
82.5°	3.2
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)