

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: P1262289

Luminaire Tested: P3AS09R309727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262289
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: P3AS09R309727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

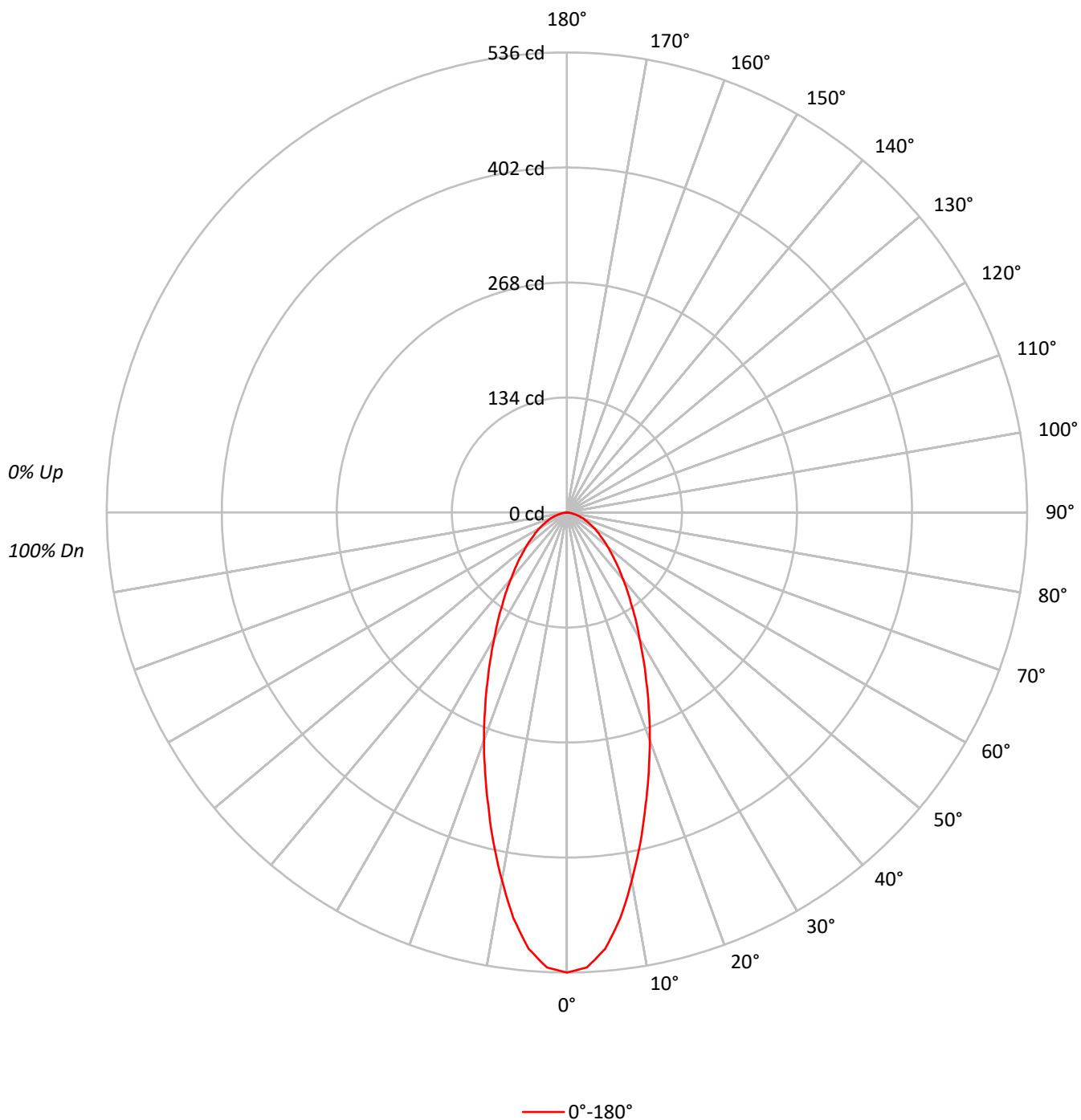
Lumens per Lamp: N/A
Luminaire Lumens: 477.0 lumens
Efficiency: N/A
Efficacy: 43.0 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	75		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°	117534
5°	112348
10°	96903
15°	80318
20°	65852
25°	53084
30°	42766
35°	35041
40°	29112
45°	24685
50°	21117
55°	18274
60°	16314
65°	14217
70°	12502
75°	10506
80°	7829
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24685 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.3	9.7
10°-20°	98.7	20.7
20°-30°	101.1	21.2
30°-40°	82.7	17.3
40°-50°	61.8	13.0
50°-60°	43.4	9.1
60°-70°	27.3	5.7
70°-80°	13.2	2.8
80°-90°	2.5	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°	246.1	51.6
0°-40°	328.7	68.9
0°-60°	434.0	91.0
0°-90°	477.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	477.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	536	
5°	510	46
15°	354	99
25°	219	101
35°	131	83
45°	80	62
55°	48	43
65°	27	27
75°	12	13
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	536.0
2.5°	530.7
5°	510.4
7.5°	476.8
10°	435.2
12.5°	394.5
15°	353.8
17.5°	316.7
20°	282.2
22.5°	249.4
25°	219.4
27.5°	192.8
30°	168.9
32.5°	149.5
35°	130.9
37.5°	115.9
40°	101.7
42.5°	90.2
45°	79.6
47.5°	69.9
50°	61.9
52.5°	54.8
55°	47.8
57.5°	42.5
60°	37.2
62.5°	31.8
65°	27.4
67.5°	23.0
70°	19.5
72.5°	15.9
75°	12.4
77.5°	8.8
80°	6.2
82.5°	3.5
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)