

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: P1267047

Luminaire Tested: P3A09R309735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267047
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: P3A09R309735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

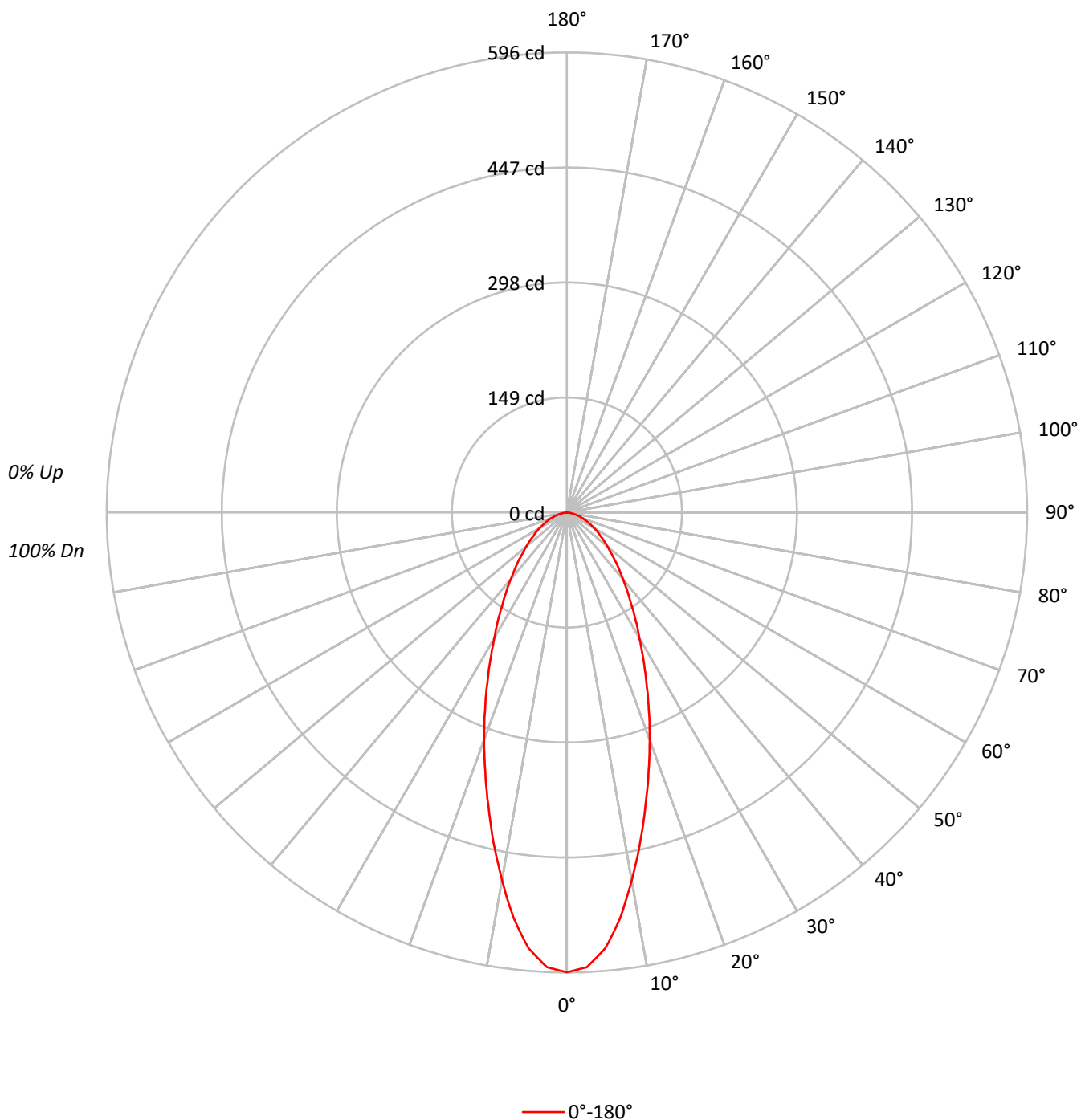
Lumens per Lamp: N/A
Luminaire Lumens: 530.0 lumens
Efficiency: N/A
Efficacy: 47.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	130604
5°	124829
10°	107658
15°	89240
20°	73156
25°	58963
30°	47526
35°	38949
40°	32346
45°	27445
50°	23470
55°	20300
60°	18113
65°	15825
70°	13848
75°	11692
80°	8713
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27445 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.4	9.7
10°-20°	109.6	20.7
20°-30°	112.4	21.2
30°-40°	91.8	17.3
40°-50°	68.7	13.0
50°-60°	48.3	9.1
60°-70°	30.4	5.7
70°-80°	14.6	2.8
80°-90°	2.8	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°	273.4	51.6
0°-40°	365.2	68.9
0°-60°	482.2	91.0
0°-90°	530.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	530.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	596	
5°	567	51
15°	393	110
25°	244	112
35°	146	92
45°	88	69
55°	53	48
65°	30	30
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	595.6
2.5°	589.7
5°	567.1
7.5°	529.7
10°	483.5
12.5°	438.3
15°	393.1
17.5°	351.8
20°	313.5
22.5°	277.2
25°	243.7
27.5°	214.3
30°	187.7
32.5°	166.1
35°	145.5
37.5°	128.7
40°	113.0
42.5°	100.2
45°	88.5
47.5°	77.6
50°	68.8
52.5°	60.9
55°	53.1
57.5°	47.2
60°	41.3
62.5°	35.4
65°	30.5
67.5°	25.6
70°	21.6
72.5°	17.7
75°	13.8
77.5°	9.8
80°	6.9
82.5°	3.9
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)