

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: P1264636

Luminaire Tested: P3A09R259730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264636
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

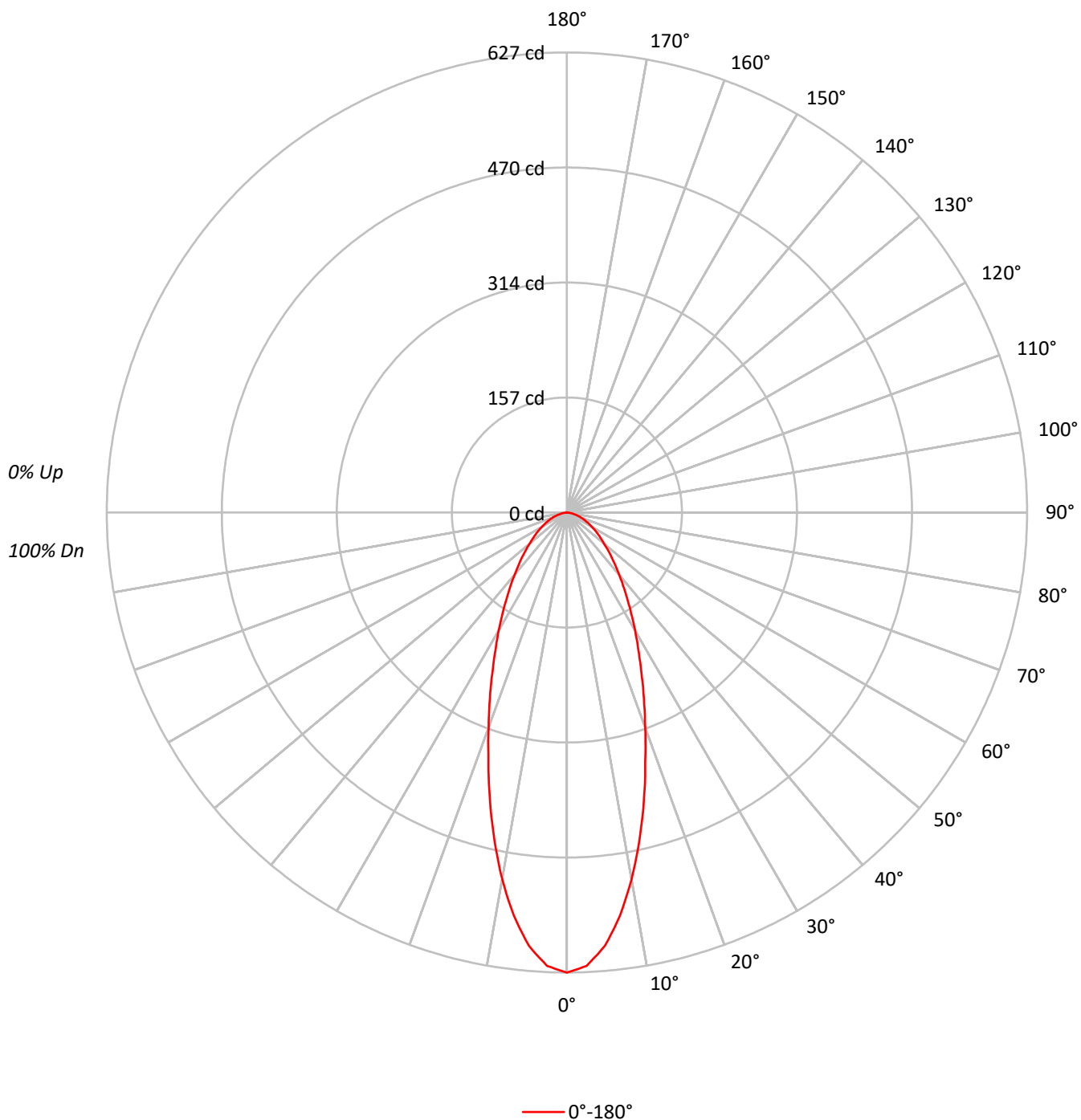
Lumens per Lamp: N/A
Luminaire Lumens: 527.0 lumens
Efficiency: N/A
Efficacy: 47.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	137511
5°	130530
10°	113046
15°	92032
20°	72713
25°	57995
30°	47020
35°	38280
40°	31717
45°	26731
50°	22618
55°	19918
60°	17455
65°	15255
70°	13336
75°	11268
80°	8334
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26731 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.8	10.2
10°-20°	112.4	21.3
20°-30°	110.8	21.0
30°-40°	90.2	17.1
40°-50°	66.9	12.7
50°-60°	46.7	8.9
60°-70°	29.3	5.6
70°-80°	14.1	2.7
80°-90°	2.7	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°	277.1	52.6
0°-40°	367.3	69.7
0°-60°	480.9	91.3
0°-90°	527.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	527.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	627	
5°	593	54
15°	405	112
25°	240	111
35°	143	90
45°	86	67
55°	52	47
65°	29	29
75°	13	14
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	627.1
2.5°	618.5
5°	593.0
7.5°	554.1
10°	507.7
12.5°	456.6
15°	405.4
17.5°	355.2
20°	311.6
22.5°	273.8
25°	239.7
27.5°	210.3
30°	185.7
32.5°	162.9
35°	143.0
37.5°	126.0
40°	110.8
42.5°	97.6
45°	86.2
47.5°	75.8
50°	66.3
52.5°	58.7
55°	52.1
57.5°	45.5
60°	39.8
62.5°	34.1
65°	29.4
67.5°	24.6
70°	20.8
72.5°	17.1
75°	13.3
77.5°	9.5
80°	6.6
82.5°	3.8
85°	1.9
87.5°	0.9
90°	0.0

(END OF REPORT)