

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: P1268984

Luminaire Tested: P3A05R209740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268984
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: P3A05R209740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

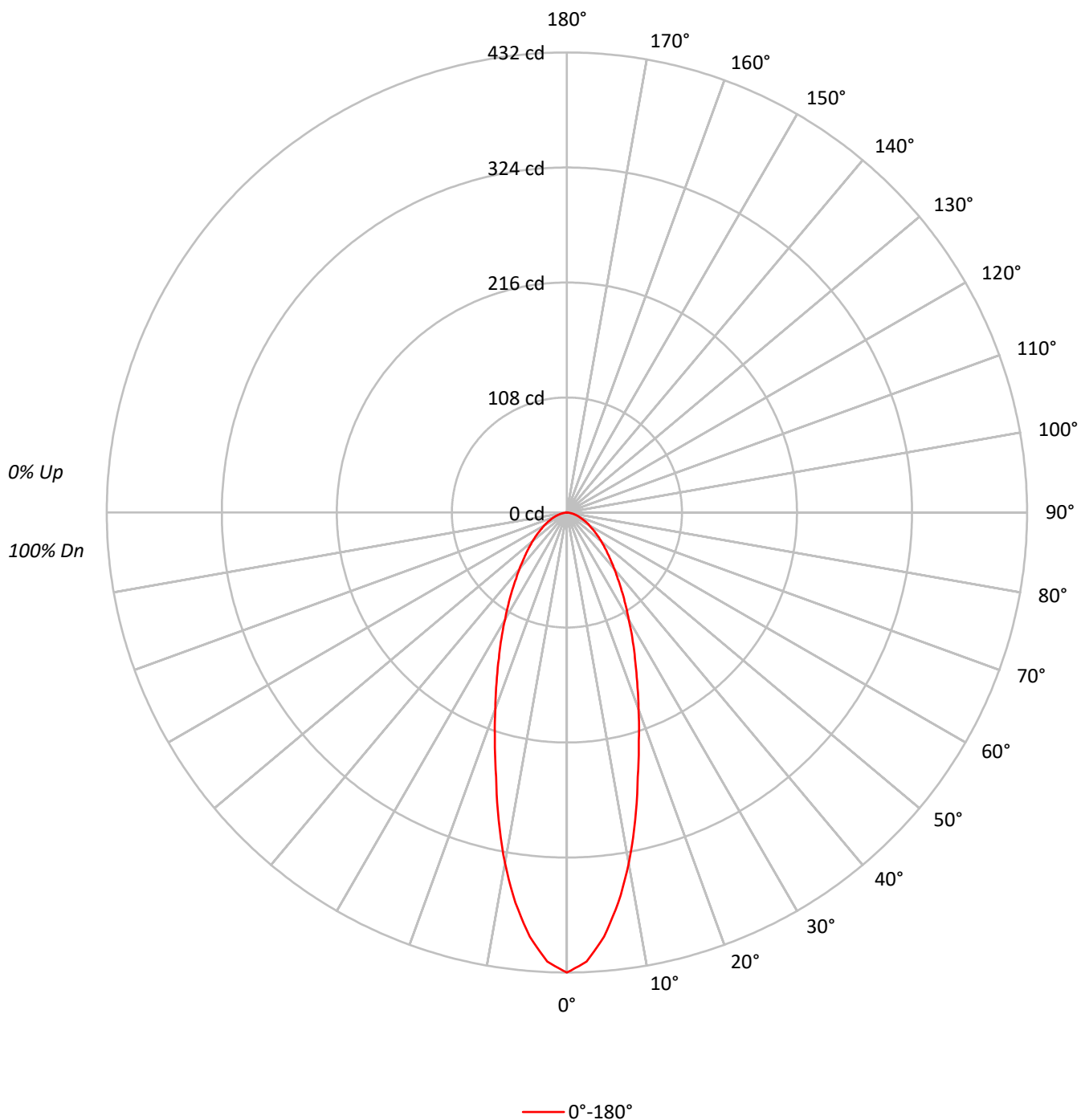
Lumens per Lamp: N/A
Luminaire Lumens: 334.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	94729
5°	88003
10°	74525
15°	58320
20°	45901
25°	36583
30°	29422
35°	23985
40°	19837
45°	16715
50°	14328
55°	12310
60°	10745
65°	9443
70°	8078
75°	7117
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16715 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.1	10.8
10°-20°	71.9	21.5
20°-30°	69.8	20.9
30°-40°	56.4	16.9
40°-50°	41.9	12.6
50°-60°	29.1	8.7
60°-70°	18.2	5.5
70°-80°	8.9	2.7
80°-90°	1.5	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°	177.9	53.3
0°-40°	234.3	70.2
0°-60°	305.3	91.4
0°-90°	334.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	334.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	432	
5°	400	36
15°	257	72
25°	151	70
35°	90	56
45°	54	42
55°	32	29
65°	18	18
75°	8	9
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	432.0
2.5°	422.2
5°	399.8
7.5°	369.7
10°	334.7
12.5°	296.1
15°	256.9
17.5°	224.7
20°	196.7
22.5°	172.2
25°	151.2
27.5°	133.0
30°	116.2
32.5°	102.2
35°	89.6
37.5°	78.4
40°	69.3
42.5°	60.9
45°	53.9
47.5°	47.6
50°	42.0
52.5°	37.1
55°	32.2
57.5°	28.0
60°	24.5
62.5°	21.7
65°	18.2
67.5°	15.4
70°	12.6
72.5°	10.5
75°	8.4
77.5°	6.3
80°	4.2
82.5°	2.1
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)