

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: P1264226

Luminaire Tested: P3A05R209730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264226
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: P3A05R209730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

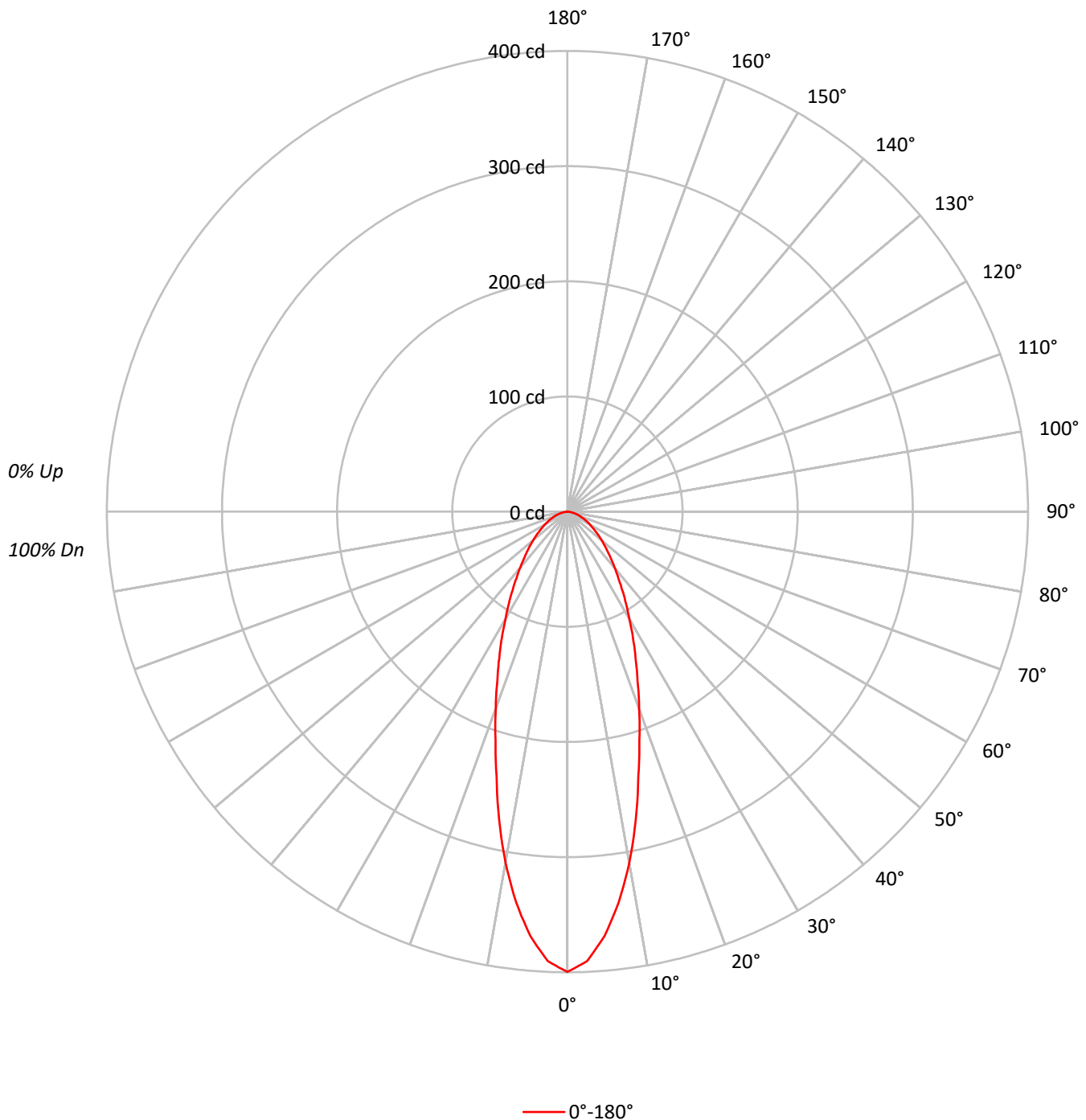
Lumens per Lamp: N/A
Luminaire Lumens: 309.0 lumens
Efficiency: N/A
Efficacy: 42.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87625
5°	81400
10°	68937
15°	53962
20°	42470
25°	33849
30°	27219
35°	22192
40°	18349
45°	15474
50°	13270
55°	11393
60°	9955
65°	8717
70°	7501
75°	6608
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15474 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.4	10.8
10°-20°	66.5	21.5
20°-30°	64.6	20.9
30°-40°	52.2	16.9
40°-50°	38.8	12.6
50°-60°	27.0	8.7
60°-70°	16.9	5.5
70°-80°	8.2	2.7
80°-90°	1.4	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°	164.6	53.3
0°-40°	216.8	70.2
0°-60°	282.5	91.4
0°-90°	309.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	309.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	400	
5°	370	33
15°	238	67
25°	140	65
35°	83	52
45°	50	39
55°	30	27
65°	17	17
75°	8	8
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	399.6
2.5°	390.6
5°	369.8
7.5°	342.0
10°	309.6
12.5°	274.0
15°	237.7
17.5°	207.9
20°	182.0
22.5°	159.3
25°	139.9
27.5°	123.1
30°	107.5
32.5°	94.6
35°	82.9
37.5°	72.5
40°	64.1
42.5°	56.4
45°	49.9
47.5°	44.0
50°	38.9
52.5°	34.3
55°	29.8
57.5°	25.9
60°	22.7
62.5°	20.1
65°	16.8
67.5°	14.2
70°	11.7
72.5°	9.7
75°	7.8
77.5°	5.8
80°	3.9
82.5°	1.9
85°	1.3
87.5°	0.0
90°	0.0

(END OF REPORT)