

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: P1286112

Luminaire Tested: P3AS02R309030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286112
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: P3AS02R309030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

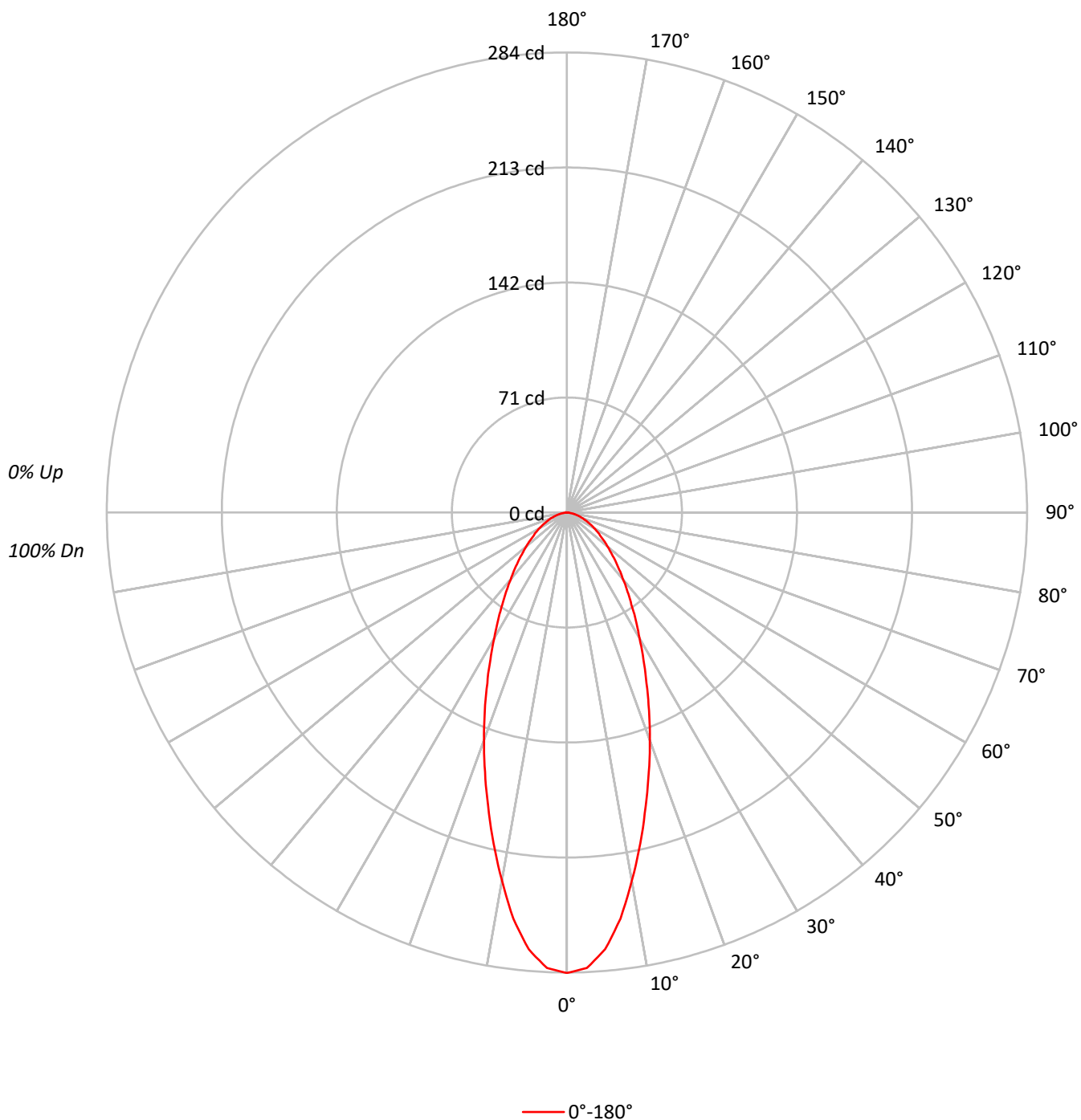
Lumens per Lamp: N/A
Luminaire Lumens: 253.0 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	62341
5°	59586
10°	51391
15°	42611
20°	34933
25°	28139
30°	22687
35°	18578
40°	15458
45°	13087
50°	11189
55°	9672
60°	8640
65°	7524
70°	6604
75°	5592
80°	4167
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13087 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	9.7
10°-20°	52.3	20.7
20°-30°	53.6	21.2
30°-40°	43.9	17.3
40°-50°	32.8	13.0
50°-60°	23.0	9.1
60°-70°	14.5	5.7
70°-80°	7.0	2.8
80°-90°	1.3	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°	130.5	51.6
0°-40°	174.4	68.9
0°-60°	230.2	91.0
0°-90°	253.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	253.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	284	
5°	271	25
15°	188	52
25°	116	54
35°	69	44
45°	42	33
55°	25	23
65°	14	14
75°	7	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	284.3
2.5°	281.5
5°	270.7
7.5°	252.9
10°	230.8
12.5°	209.2
15°	187.7
17.5°	168.0
20°	149.7
22.5°	132.3
25°	116.3
27.5°	102.3
30°	89.6
32.5°	79.3
35°	69.4
37.5°	61.5
40°	54.0
42.5°	47.9
45°	42.2
47.5°	37.1
50°	32.8
52.5°	29.1
55°	25.3
57.5°	22.5
60°	19.7
62.5°	16.9
65°	14.5
67.5°	12.2
70°	10.3
72.5°	8.4
75°	6.6
77.5°	4.7
80°	3.3
82.5°	1.9
85°	0.9
87.5°	0.5
90°	0.0

(END OF REPORT)