

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: P1255752

Luminaire Tested: P3A24R309035D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255752
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: P3A24R309035D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

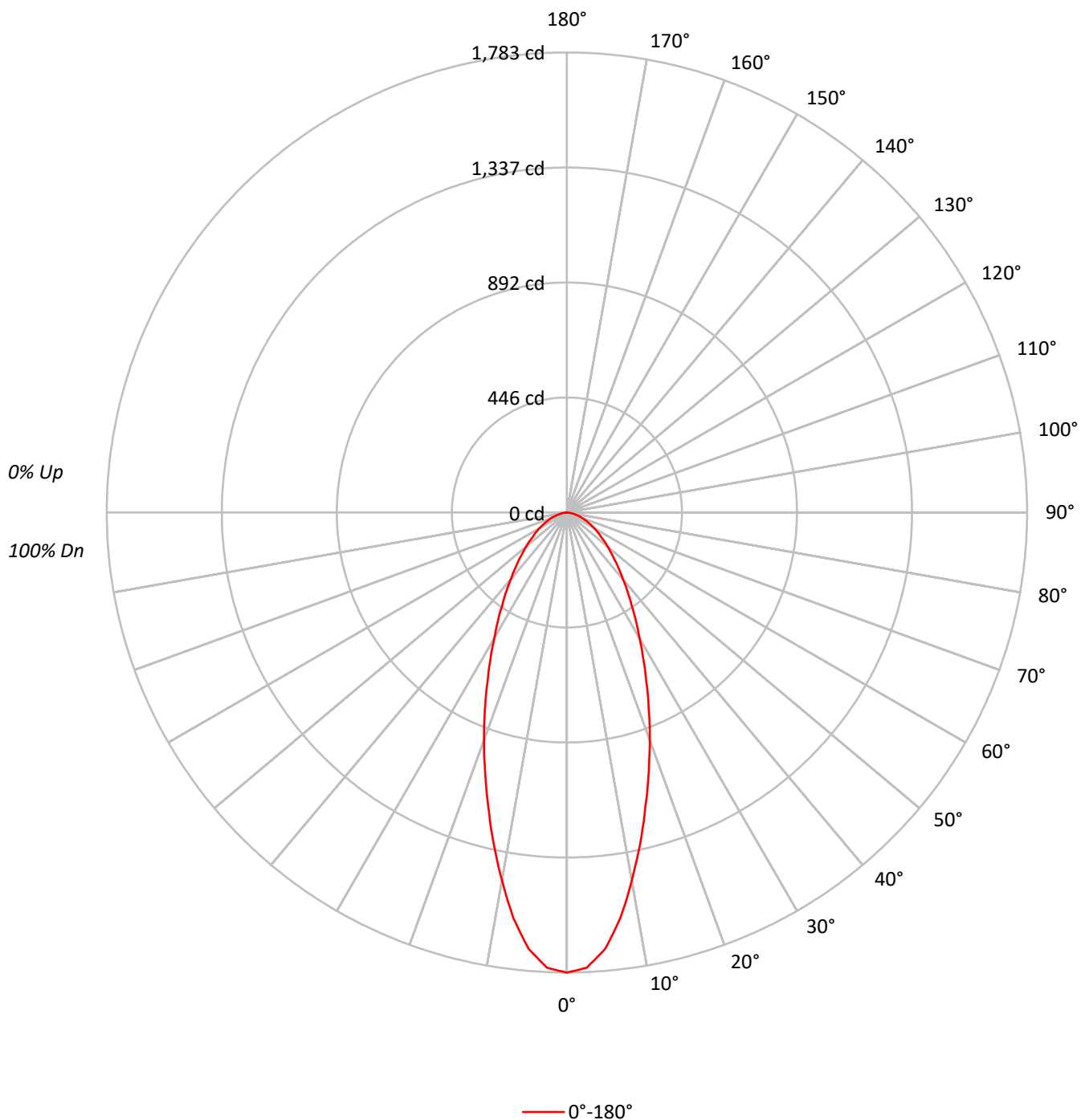
Lumens per Lamp: N/A
Luminaire Lumens: 1587.0 lumens
Efficiency: N/A
Efficacy: 55.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	391065
5°	373761
10°	322394
15°	267221
20°	219072
25°	176575
30°	142326
35°	116580
40°	96867
45°	82148
50°	70275
55°	60748
60°	54206
65°	47320
70°	41481
75°	34906
80°	26013
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 82148 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.9	9.7
10°-20°	328.3	20.7
20°-30°	336.4	21.2
30°-40°	275.0	17.3
40°-50°	205.7	13.0
50°-60°	144.5	9.1
60°-70°	90.9	5.7
70°-80°	43.8	2.8
80°-90°	8.4	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°	818.6	51.6
0°-40°	1093.7	68.9
0°-60°	1443.9	91.0
0°-90°	1587.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1587.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1783	
5°	1698	154
15°	1177	328
25°	730	336
35°	436	275
45°	265	206
55°	159	145
65°	91	91
75°	41	44
85°	6	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1783.4
2.5°	1765.7
5°	1698.0
7.5°	1586.2
10°	1447.9
12.5°	1312.5
15°	1177.1
17.5°	1053.5
20°	938.8
22.5°	829.9
25°	729.8
27.5°	641.5
30°	562.1
32.5°	497.3
35°	435.5
37.5°	385.5
40°	338.4
42.5°	300.2
45°	264.9
47.5°	232.5
50°	206.0
52.5°	182.5
55°	158.9
57.5°	141.3
60°	123.6
62.5°	105.9
65°	91.2
67.5°	76.5
70°	64.7
72.5°	53.0
75°	41.2
77.5°	29.4
80°	20.6
82.5°	11.8
85°	5.9
87.5°	2.9
90°	0.0

(END OF REPORT)