

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: P1263423

Luminaire Tested: P3A20R309727D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263423
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: P3A20R309727D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

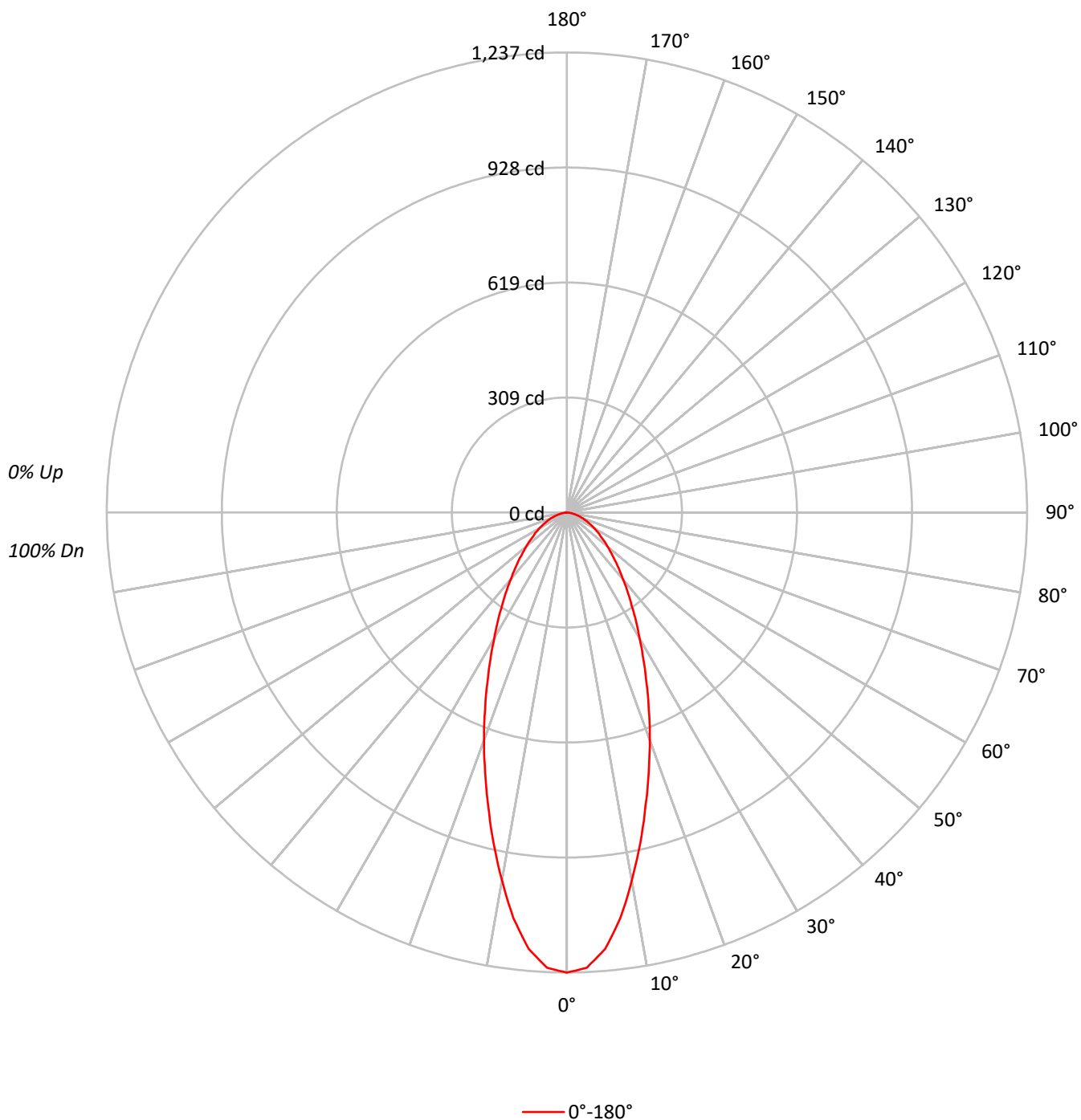
Lumens per Lamp: N/A
Luminaire Lumens: 1101.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	271294
5°	259299
10°	223665
15°	185404
20°	151983
25°	122499
30°	98749
35°	80897
40°	67212
45°	56967
50°	48749
55°	42130
60°	37585
65°	32844
70°	28787
75°	24231
80°	18058
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 56967 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.8	9.7
10°-20°	227.7	20.7
20°-30°	233.4	21.2
30°-40°	190.8	17.3
40°-50°	142.7	13.0
50°-60°	100.2	9.1
60°-70°	63.1	5.7
70°-80°	30.4	2.8
80°-90°	5.8	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°	568.0	51.6
0°-40°	758.8	68.9
0°-60°	1001.7	91.0
0°-90°	1101.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1101.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1237	
5°	1178	107
15°	817	228
25°	506	233
35°	302	191
45°	184	143
55°	110	100
65°	63	63
75°	29	30
85°	4	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1237.2
2.5°	1225.0
5°	1178.0
7.5°	1100.4
10°	1004.5
12.5°	910.6
15°	816.7
17.5°	730.9
20°	651.3
22.5°	575.7
25°	506.3
27.5°	445.1
30°	390.0
32.5°	345.0
35°	302.2
37.5°	267.5
40°	234.8
42.5°	208.2
45°	183.7
47.5°	161.3
50°	142.9
52.5°	126.6
55°	110.2
57.5°	98.0
60°	85.7
62.5°	73.5
65°	63.3
67.5°	53.1
70°	44.9
72.5°	36.7
75°	28.6
77.5°	20.4
80°	14.3
82.5°	8.2
85°	4.1
87.5°	2.0
90°	0.0

(END OF REPORT)