

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: P1270932

Luminaire Tested: P3AS02R309827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270932
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: P3AS02R309827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

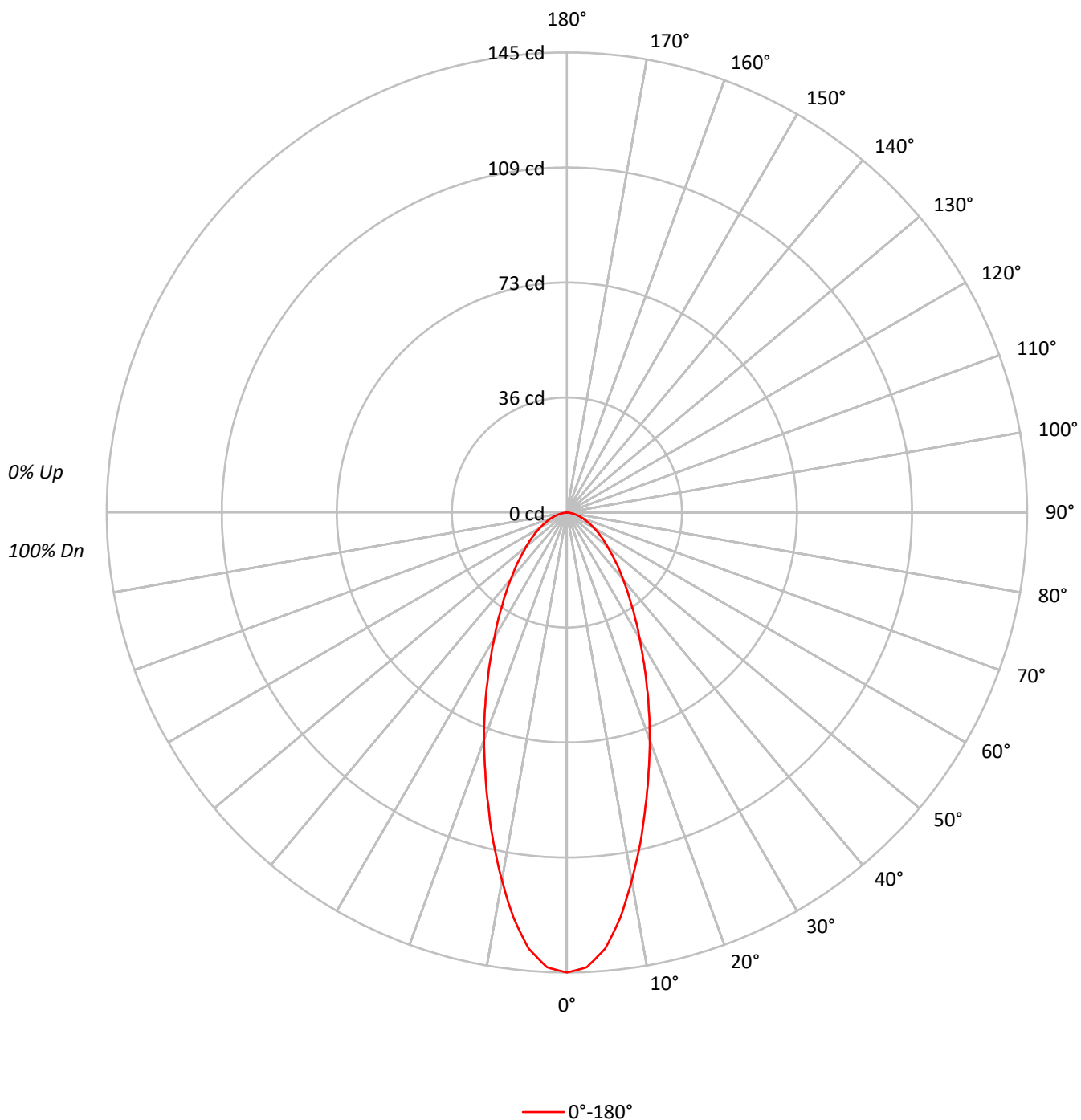
Lumens per Lamp: N/A
Luminaire Lumens: 128.9 lumens
Efficiency: N/A
Efficacy: 35.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	72	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°	31796
5°	30376
10°	26207
15°	21725
20°	17805
25°	14348
30°	11571
35°	9476
40°	7872
45°	6667
50°	5697
55°	4932
60°	4386
65°	3840
70°	3398
75°	2796
80°	2147
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6667 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	9.7
10°-20°	26.7	20.7
20°-30°	27.3	21.2
30°-40°	22.3	17.3
40°-50°	16.7	13.0
50°-60°	11.7	9.1
60°-70°	7.4	5.7
70°-80°	3.6	2.8
80°-90°	0.7	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°	66.5	51.6
0°-40°	88.9	68.9
0°-60°	117.3	91.0
0°-90°	128.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	145	
5°	138	13
15°	96	27
25°	59	27
35°	35	22
45°	22	17
55°	13	12
65°	7	7
75°	3	4
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	145.0
2.5°	143.5
5°	138.0
7.5°	128.9
10°	117.7
12.5°	106.7
15°	95.7
17.5°	85.6
20°	76.3
22.5°	67.5
25°	59.3
27.5°	52.1
30°	45.7
32.5°	40.4
35°	35.4
37.5°	31.3
40°	27.5
42.5°	24.4
45°	21.5
47.5°	18.9
50°	16.7
52.5°	14.8
55°	12.9
57.5°	11.5
60°	10.0
62.5°	8.6
65°	7.4
67.5°	6.2
70°	5.3
72.5°	4.3
75°	3.3
77.5°	2.4
80°	1.7
82.5°	1.0
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)