

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: P1249648

Luminaire Tested: P3AS17R309027DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249648
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: P3AS17R309027DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

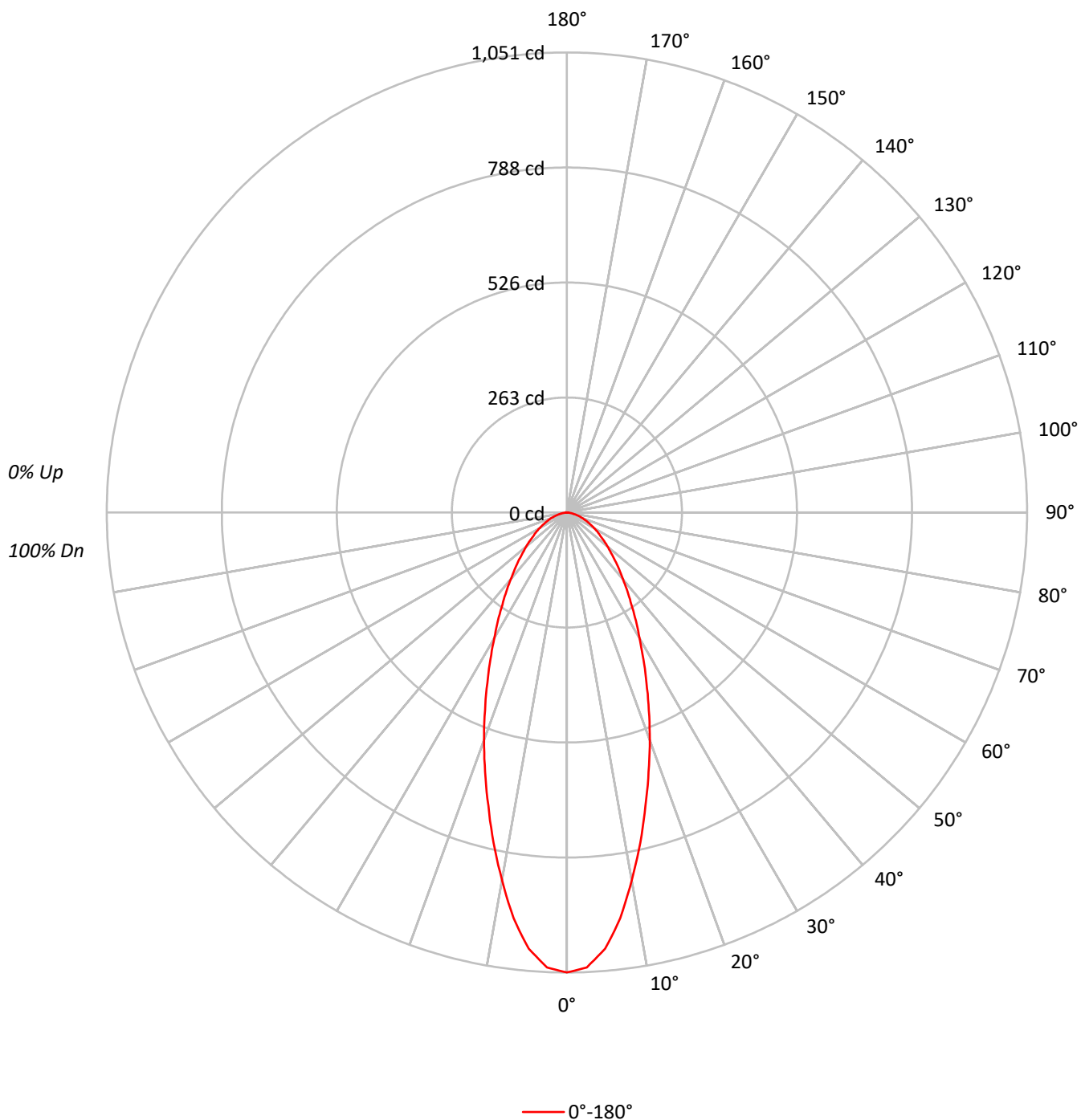
Lumens per Lamp: N/A
Luminaire Lumens: 934.9 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	230398
5°	220206
10°	189932
15°	157436
20°	129068
25°	104038
30°	83861
35°	68690
40°	57078
45°	48377
50°	41414
55°	35784
60°	31927
65°	27863
70°	24427
75°	20588
80°	15280
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48377 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.7	9.7
10°-20°	193.4	20.7
20°-30°	198.2	21.2
30°-40°	162.0	17.3
40°-50°	121.2	13.0
50°-60°	85.1	9.1
60°-70°	53.5	5.7
70°-80°	25.8	2.8
80°-90°	4.9	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°	482.3	51.6
0°-40°	644.3	68.9
0°-60°	850.7	91.0
0°-90°	934.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	934.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1051	
5°	1000	91
15°	694	193
25°	430	198
35°	257	162
45°	156	121
55°	94	85
65°	54	54
75°	24	26
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1050.7
2.5°	1040.3
5°	1000.4
7.5°	934.5
10°	853.0
12.5°	773.3
15°	693.5
17.5°	620.7
20°	553.1
22.5°	488.9
25°	430.0
27.5°	378.0
30°	331.2
32.5°	293.0
35°	256.6
37.5°	227.1
40°	199.4
42.5°	176.9
45°	156.0
47.5°	137.0
50°	121.4
52.5°	107.5
55°	93.6
57.5°	83.2
60°	72.8
62.5°	62.4
65°	53.7
67.5°	45.1
70°	38.1
72.5°	31.2
75°	24.3
77.5°	17.3
80°	12.1
82.5°	6.9
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)