

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: P1260367

Luminaire Tested: P3AS17R309050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260367
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

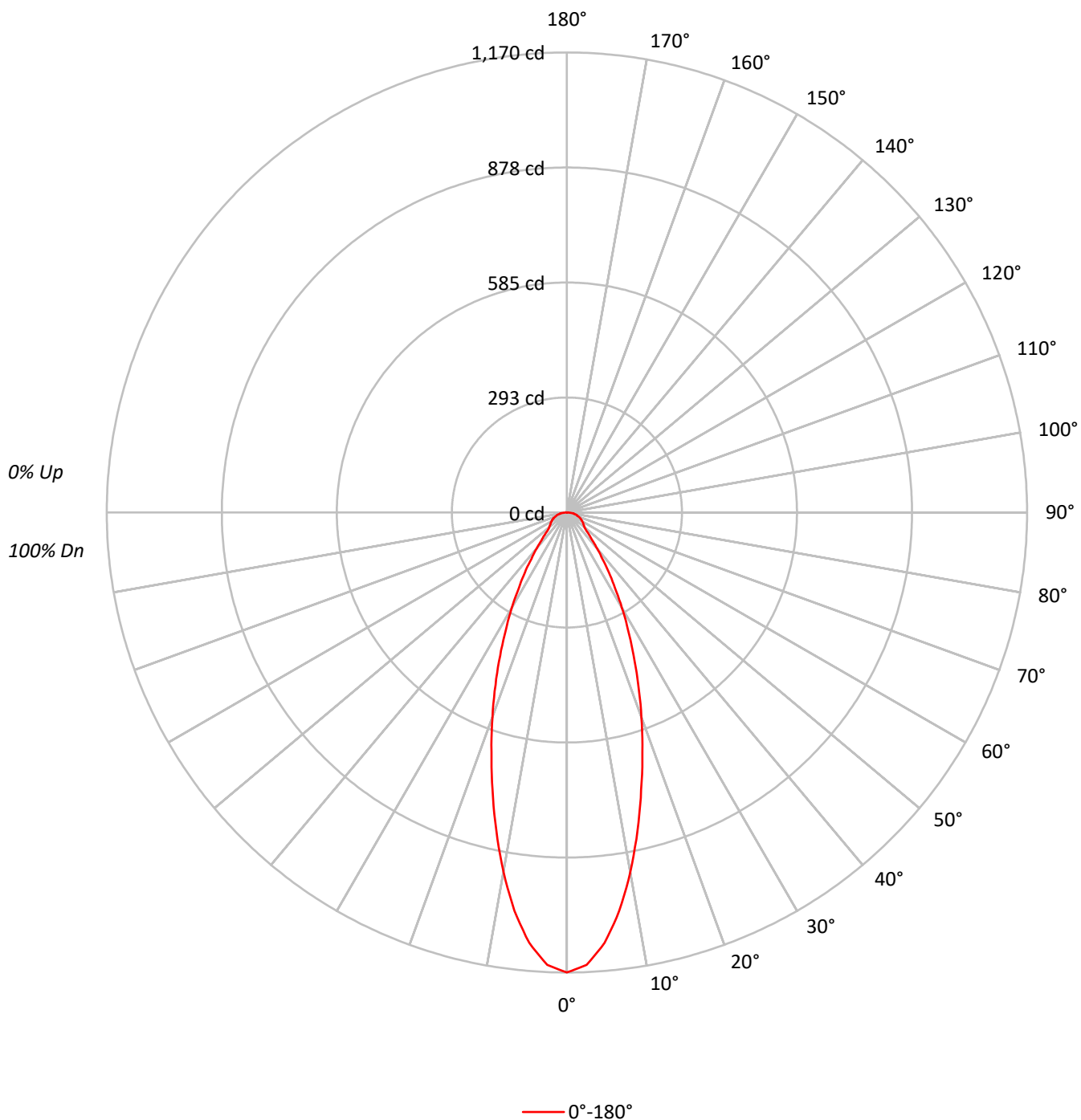
Lumens per Lamp: N/A
Luminaire Lumens: 790.0 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	256493
5°	241866
10°	206743
15°	165676
20°	129138
25°	97119
30°	70846
35°	49925
40°	34236
45°	24530
50°	20059
55°	19383
60°	19560
65°	19976
70°	20773
75°	22367
80°	22983
85°	25411

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 27216 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.4	12.6
10°-20°	202.8	25.7
20°-30°	184.8	23.4
30°-40°	117.6	14.9
40°-50°	63.0	8.0
50°-60°	46.0	5.8
60°-70°	38.7	4.9
70°-80°	27.0	3.4
80°-90°	10.7	1.4
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°	487.0	61.6
0°-40°	604.6	76.5
0°-60°	713.6	90.3
0°-90°	790.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	790.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1170	
5°	1099	99
15°	730	203
25°	401	185
35°	186	118
45°	79	63
55°	51	46
65°	38	39
75°	26	27
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1169.7
2.5°	1151.5
5°	1098.8
7.5°	1021.7
10°	928.5
12.5°	829.1
15°	729.8
17.5°	638.6
20°	553.4
22.5°	474.4
25°	401.4
27.5°	336.5
30°	279.8
32.5°	227.1
35°	186.5
37.5°	148.0
40°	119.6
42.5°	95.3
45°	79.1
47.5°	64.9
50°	58.8
52.5°	54.7
55°	50.7
57.5°	48.7
60°	44.6
62.5°	42.6
65°	38.5
67.5°	36.5
70°	32.4
72.5°	28.4
75°	26.4
77.5°	22.3
80°	18.2
82.5°	16.2
85°	10.1
87.5°	4.1
90°	0.0

(END OF REPORT)