

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: P1263046

Luminaire Tested: P3AS17R309727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263046
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: P3AS17R309727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

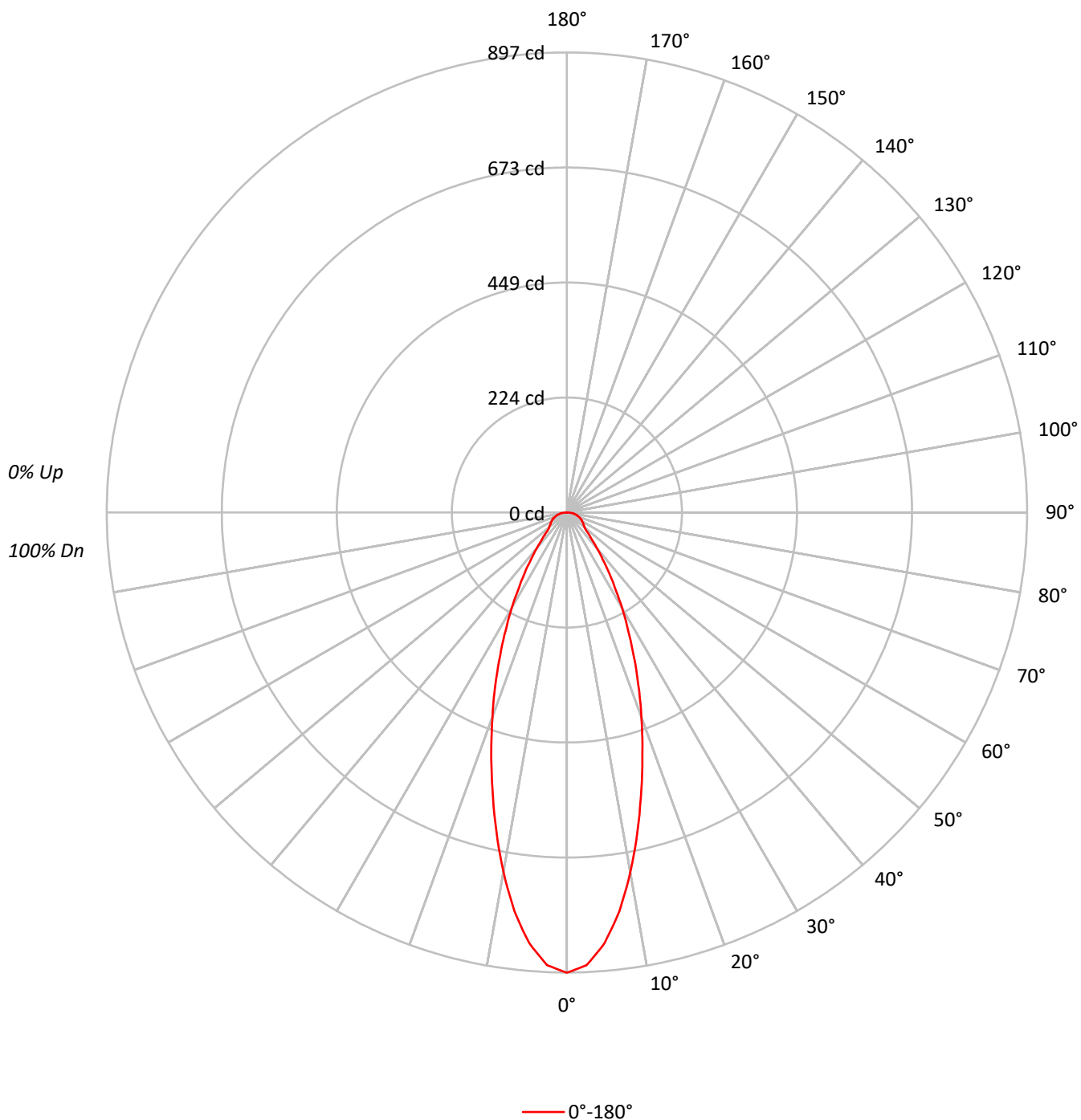
Lumens per Lamp: N/A
Luminaire Lumens: 606.0 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	196761
5°	185538
10°	158581
15°	127084
20°	99059
25°	74496
30°	54337
35°	38307
40°	26249
45°	18793
50°	15385
55°	14872
60°	14999
65°	15306
70°	15964
75°	17114
80°	17679
85°	19625

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20832 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.3	12.6
10°-20°	155.6	25.7
20°-30°	141.7	23.4
30°-40°	90.2	14.9
40°-50°	48.3	8.0
50°-60°	35.3	5.8
60°-70°	29.7	4.9
70°-80°	20.7	3.4
80°-90°	8.2	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°	373.6	61.6
0°-40°	463.8	76.5
0°-60°	547.4	90.3
0°-90°	606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	897	
5°	843	76
15°	560	156
25°	308	142
35°	143	90
45°	61	48
55°	39	35
65°	30	30
75°	20	21
85°	8	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	897.3
2.5°	883.3
5°	842.9
7.5°	783.8
10°	712.2
12.5°	636.0
15°	559.8
17.5°	489.9
20°	424.5
22.5°	363.9
25°	307.9
27.5°	258.1
30°	214.6
32.5°	174.2
35°	143.1
37.5°	113.5
40°	91.7
42.5°	73.1
45°	60.6
47.5°	49.8
50°	45.1
52.5°	42.0
55°	38.9
57.5°	37.3
60°	34.2
62.5°	32.7
65°	29.5
67.5°	28.0
70°	24.9
72.5°	21.8
75°	20.2
77.5°	17.1
80°	14.0
82.5°	12.4
85°	7.8
87.5°	3.1
90°	0.0

(END OF REPORT)